

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121939.D
 Acq On : 13 Oct 2020 15:39
 Operator : JU/CG
 Sample : L4369-08MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-4MS

Quant Time: Oct 13 16:01:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	114917	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	439974	20.00	ng	0.00
39) Acenaphthene-d10	9.781	164	218647	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	385085	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	252378	20.00	ng	-0.01
86) Perylene-d12	15.339	264	264904	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	603496	77.51	ng	0.00
7) Phenol-d6	6.393	99	760861	75.91	ng	0.00
23) Nitrobenzene-d5	7.310	82	517866	60.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	207710	76.80	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	876974	59.01	ng	0.00
79) Terphenyl-d14	12.845	244	722541	54.56	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.505	88	126133	36.83	ng	100
3) Pyridine	3.228	79	366635	40.72	ng	99
4) n-Nitrosodimethylamine	3.187	42	175033	40.22	ng	98
6) Aniline	6.410	93	255014	20.66	ng	# 43
8) 2-Chlorophenol	6.534	128	318044	40.41	ng	96
9) Benzaldehyde	6.293	77	176151	29.03	ng	99
10) Phenol	6.404	94	405028	39.16	ng	98
11) bis(2-Chloroethyl)ether	6.481	93	318646	39.85	ng	99
12) 1,3-Dichlorobenzene	6.687	146	344040	38.87	ng	97
13) 1,4-Dichlorobenzene	6.763	146	346239	38.96	ng	97
14) 1,2-Dichlorobenzene	6.910	146	325717	40.09	ng	97
15) Benzyl Alcohol	6.898	79	279828	43.16	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.022	45	478502	38.88	ng	76
17) 2-Methylphenol	7.010	107	255999	38.05	ng	95
18) Hexachloroethane	7.251	117	125655	39.14	ng	97
19) n-Nitroso-di-n-propyla...	7.163	70	223152	39.10	ng	100
20) 3+4-Methylphenols	7.169	107	323023	39.81	ng	# 68
22) Acetophenone	7.157	105	427489	37.76	ng	93
24) Nitrobenzene	7.328	77	347629	37.91	ng	99
25) Isophorone	7.569	82	609135	37.55	ng	100
26) 2-Nitrophenol	7.645	139	164506	38.96	ng	92
27) 2,4-Dimethylphenol	7.692	122	273656	38.01	ng	100
28) bis(2-Chloroethoxy)met...	7.781	93	389637	38.39	ng	99
29) 2,4-Dichlorophenol	7.892	162	259548	38.50	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	269844	37.65	ng	98
31) Naphthalene	8.051	128	890912	37.80	ng	99
32) Benzoic acid	7.845	122	155615	39.45	ng	98
33) 4-Chloroaniline	8.104	127	144240	14.37	ng	99
34) Hexachlorobutadiene	8.163	225	162508	38.23	ng	99
35) Caprolactam	8.481	113	56738	26.50	ng	97
36) 4-Chloro-3-methylphenol	8.598	107	275172	38.01	ng	99
37) 2-Methylnaphthalene	8.739	142	579726	37.98	ng	100
38) 1-Methylnaphthalene	8.839	142	532372	37.66	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	268790	38.09	ng	99
41) Hexachlorocyclopentadiene	8.892	237	101351	56.11	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	178250	40.94	ng	97

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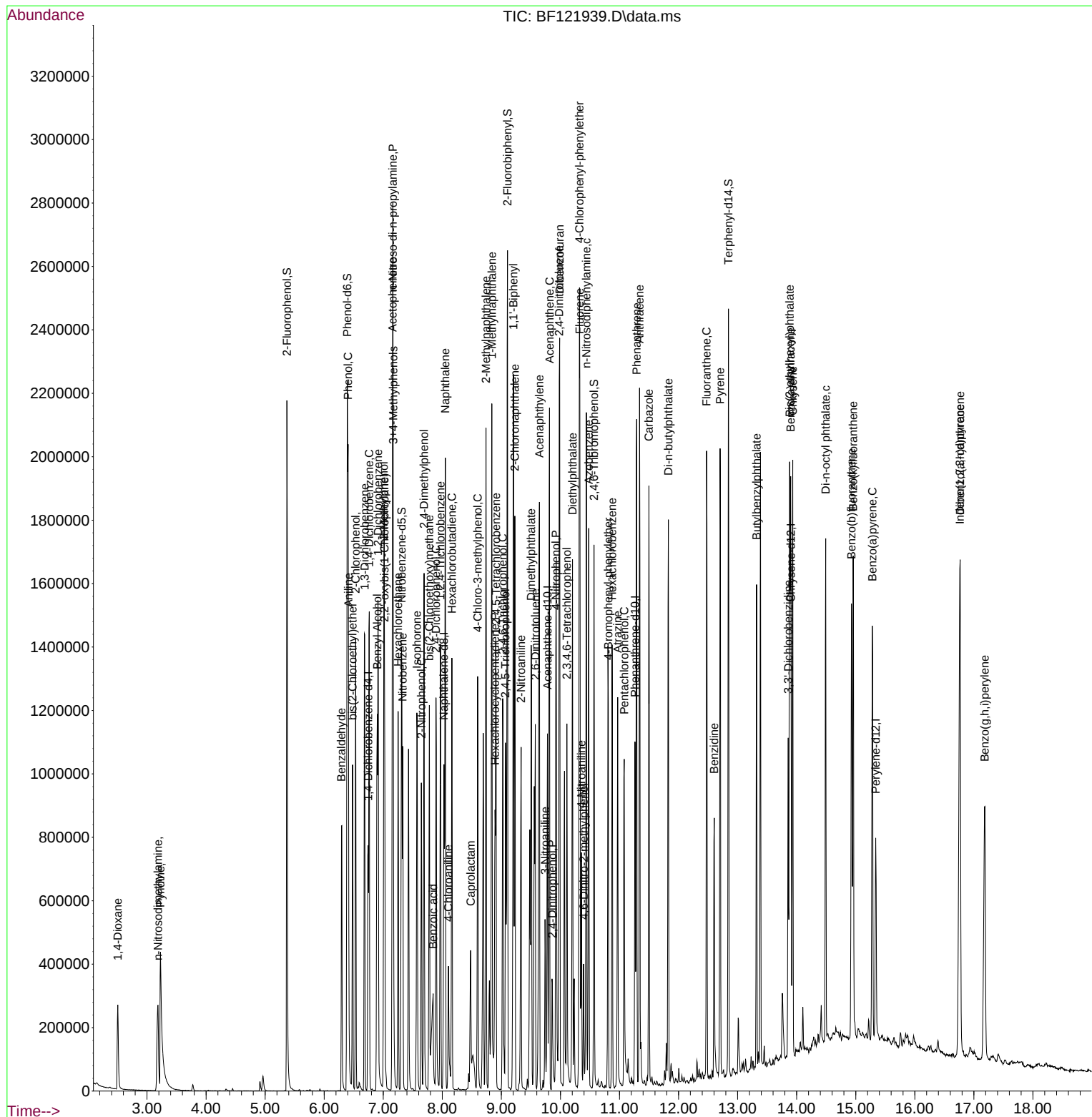
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	184795	39.30	ng	97
46) 1,1'-Biphenyl	9.204	154	682837	38.41	ng	100
47) 2-Chloronaphthalene	9.228	162	537238	38.86	ng	99
48) 2-Nitroaniline	9.334	65	181082	39.71	ng	96
49) Acenaphthylene	9.645	152	834048	39.28	ng	100
50) Dimethylphthalate	9.504	163	702168	43.92	ng	99
51) 2,6-Dinitrotoluene	9.575	165	137683	39.26	ng	90
52) Acenaphthene	9.816	154	485593	38.45	ng	99
53) 3-Nitroaniline	9.739	138	81412	20.41	ng	98
54) 2,4-Dinitrophenol	9.863	184	57660	37.41	ng	99
55) Dibenzofuran	9.986	168	695757	37.67	ng	99
56) 4-Nitrophenol	9.922	139	167067	77.00	ng	# 81
57) 2,4-Dinitrotoluene	9.981	165	169742	39.32	ng	# 88
58) Fluorene	10.328	166	564743	37.95	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	146922	40.38	ng	98
60) Diethylphthalate	10.204	149	606152	39.32	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	271235	38.00	ng	99
62) 4-Nitroaniline	10.357	138	123055	30.88	ng	98
63) Azobenzene	10.480	77	623255	38.23	ng	98
65) 4,6-Dinitro-2-methylph...	10.392	198	50774	22.29	ng	96
66) n-Nitrosodiphenylamine	10.439	169	524881	39.57	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	173708	39.04	ng	97
68) Hexachlorobenzene	10.875	284	193329	38.39	ng	97
69) Atrazine	10.969	200	137125	42.28	ng	99
70) Pentachlorophenol	11.080	266	143991	73.45	ng	99
71) Phenanthrene	11.292	178	827073	39.17	ng	100
72) Anthracene	11.339	178	835774	38.16	ng	100
73) Carbazole	11.498	167	719509	36.95	ng	100
74) Di-n-butylphthalate	11.827	149	902151	40.27	ng	99
75) Fluoranthene	12.474	202	810881	35.82	ng	100
77) Benzidine	12.604	184	330257	42.45	ng	99
78) Pyrene	12.704	202	807579	41.99	ng	100
80) Butylbenzylphthalate	13.321	149	319484	41.89	ng	99
81) Benzo(a)anthracene	13.898	228	653743	39.53	ng	99
82) 3,3'-Dichlorobenzidine	13.857	252	196881	32.09	ng	99
83) Chrysene	13.933	228	641816	39.53	ng	100
84) Bis(2-ethylhexyl)phtha...	13.880	149	436196	42.13	ng	99
85) Di-n-octyl phthalate	14.492	149	706318	42.17	ng	100
87) Indeno(1,2,3-cd)pyrene	16.762	276	790983	45.99	ng	99
88) Benzo(b)fluoranthene	14.927	252	718228	40.11	ng	99
89) Benzo(k)fluoranthene	14.957	252	597557	35.13	ng	99
90) Benzo(a)pyrene	15.280	252	623707	40.33	ng	98
91) Dibenzo(a,h)anthracene	16.768	278	640403	45.22	ng	99
92) Benzo(g,h,i)perylene	17.186	276	665325	46.94	ng	98

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

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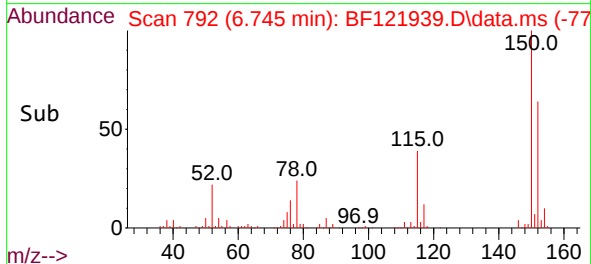
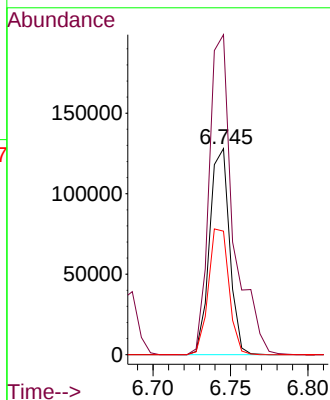
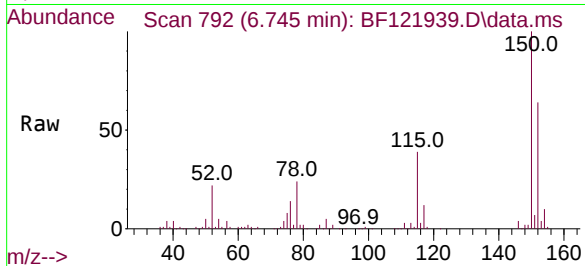




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

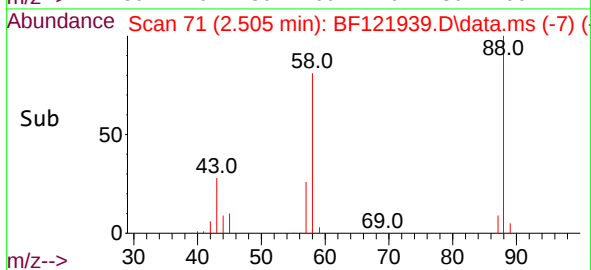
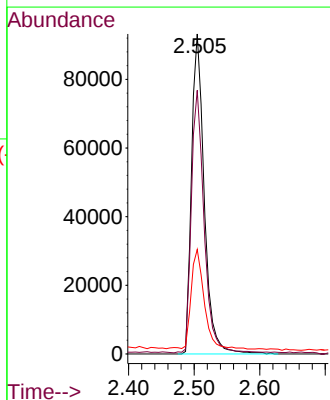
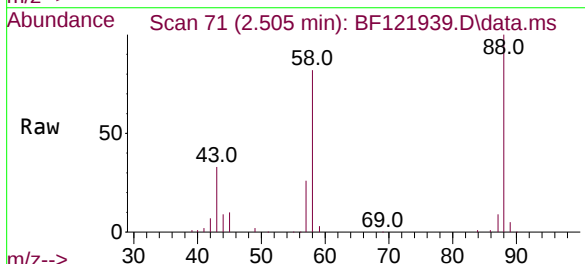
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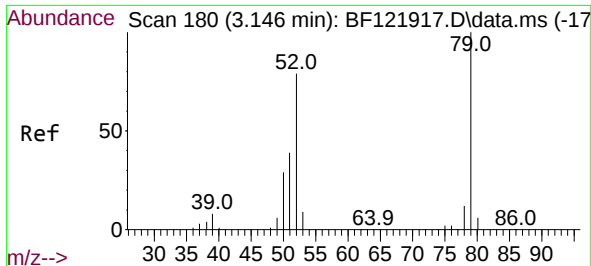
Tgt Ion:152 Resp: 114917
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 59.9 51.9 77.9



#2
1,4-Dioxane
Concen: 36.83 ng
RT: 2.505 min Scan# 71
Delta R.T. 0.077 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion: 88 Resp: 126133
Ion Ratio Lower Upper
88 100
58 82.2 65.8 98.8
43 32.0 25.8 38.8

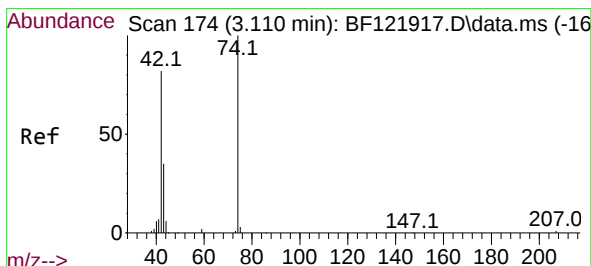
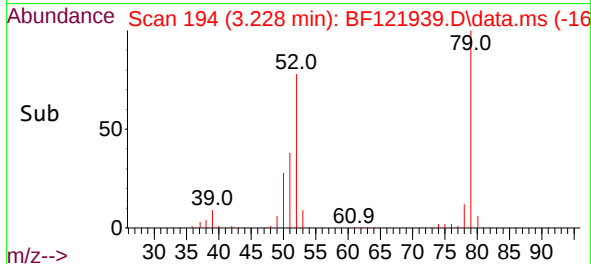
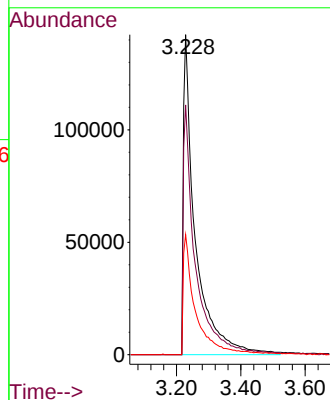
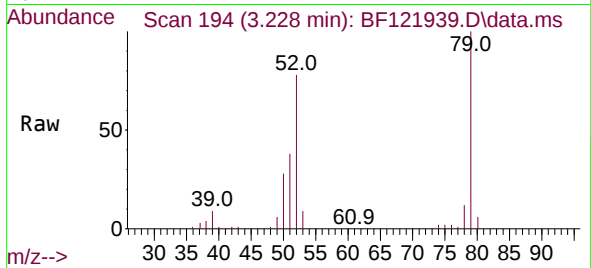




#3
Pyridine
Concen: 40.72 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.082 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

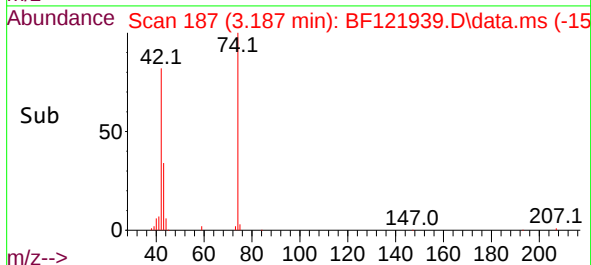
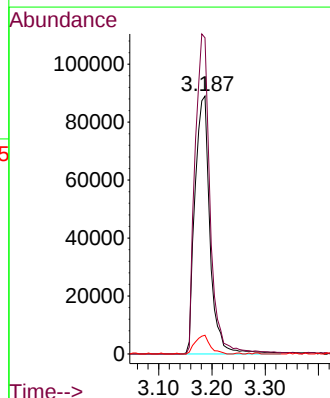
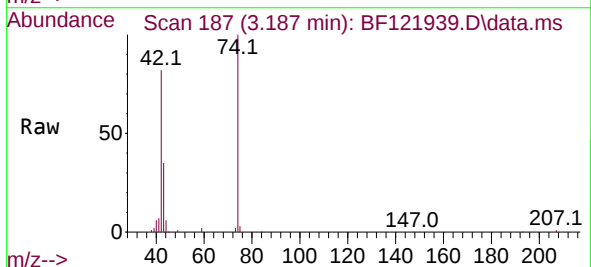
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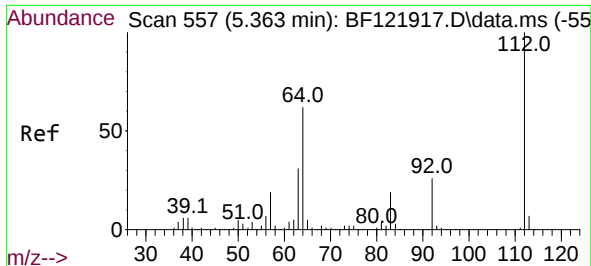
Tgt Ion: 79 Resp: 366635
Ion Ratio Lower Upper
79 100
52 78.0 62.2 93.4
51 37.5 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 40.22 ng
RT: 3.187 min Scan# 187
Delta R.T. 0.077 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion: 42 Resp: 175033
Ion Ratio Lower Upper
42 100
74 122.5 100.2 150.2
44 7.2 5.8 8.6

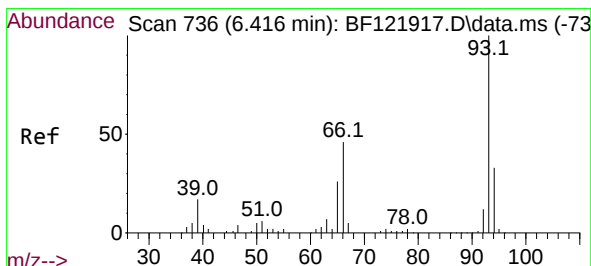
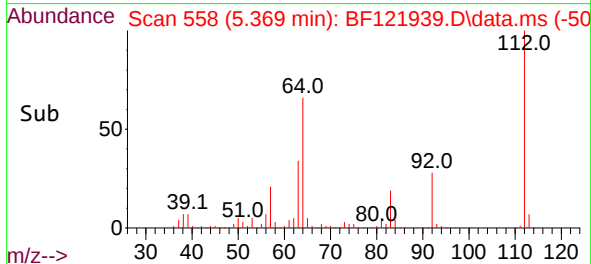
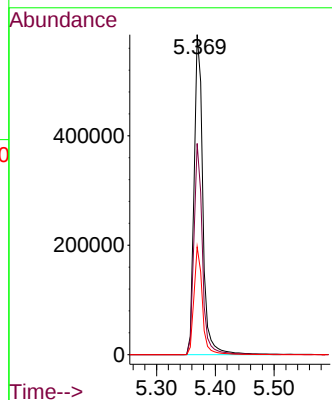
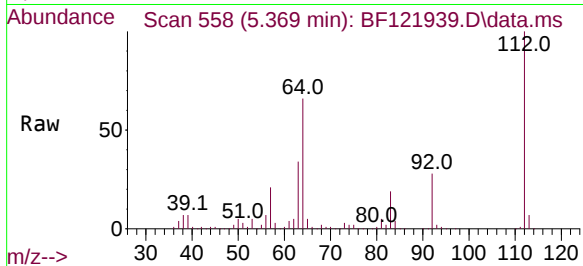




#5
2-Fluorophenol
Concen: 77.51 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

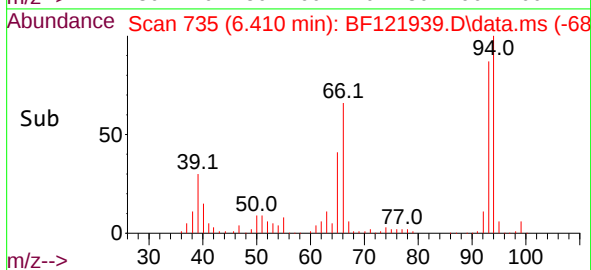
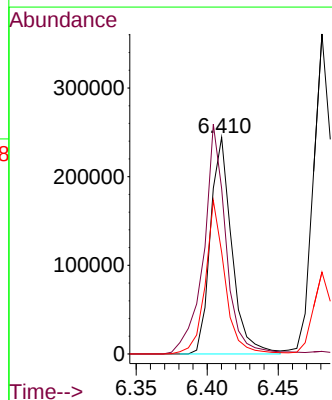
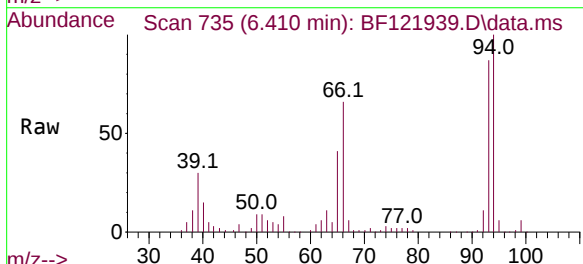
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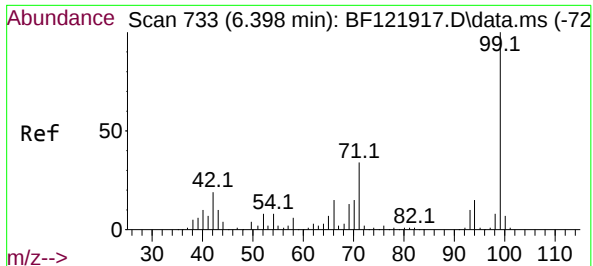
Tgt Ion:112 Resp: 603496
Ion Ratio Lower Upper
112 100
64 66.0 50.4 75.6
63 33.7 25.8 38.6



#6
Aniline
Concen: 20.66 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion: 93 Resp: 255014
Ion Ratio Lower Upper
93 100
66 76.4 32.7 49.1#
65 47.0 16.6 24.8#

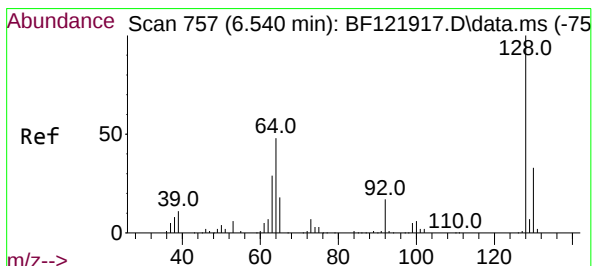
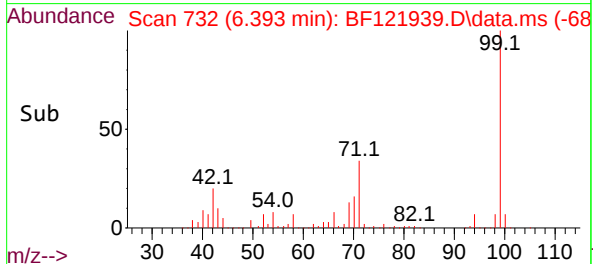
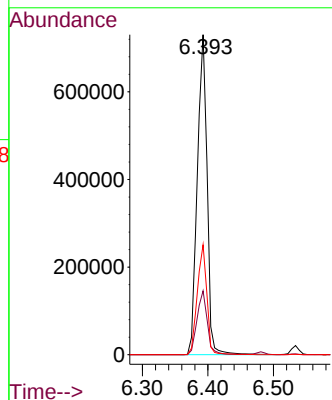
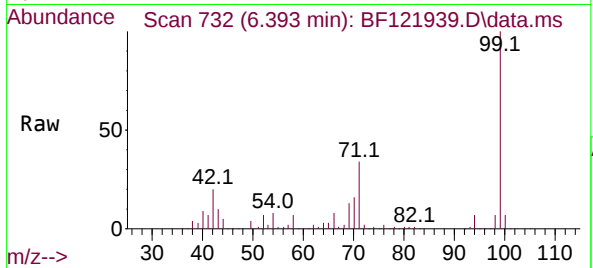




#7
Phenol-d6
Concen: 75.91 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

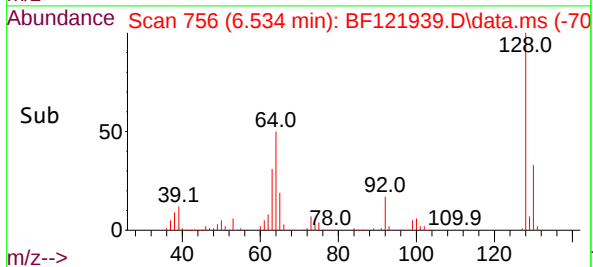
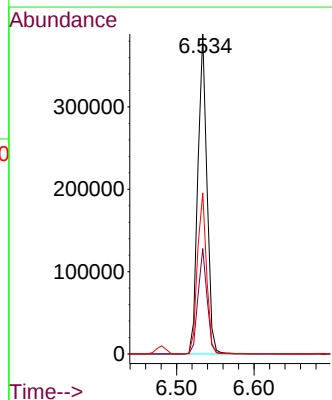
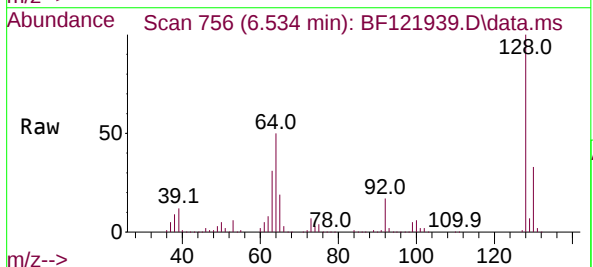
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Tgt Ion: 99 Resp: 760861
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 34.3 27.1 40.7



#8
2-Chlorophenol
Concen: 40.41 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF121939.D
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Tgt Ion: 128 Resp: 318044
Ion Ratio Lower Upper
128 100
130 33.0 12.4 52.4
64 50.4 34.8 74.8

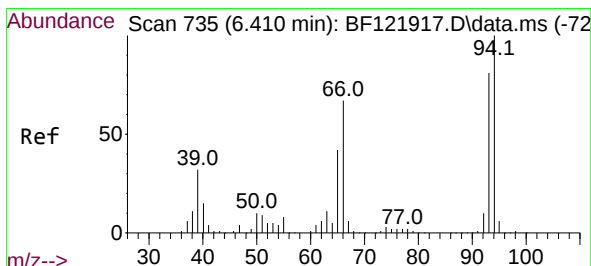
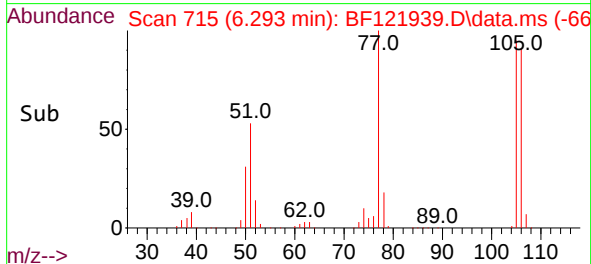
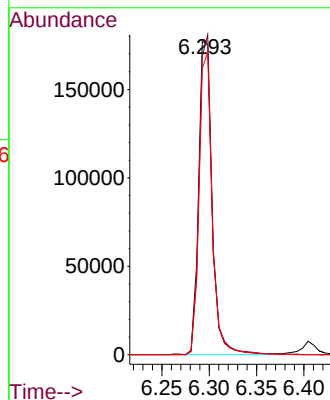
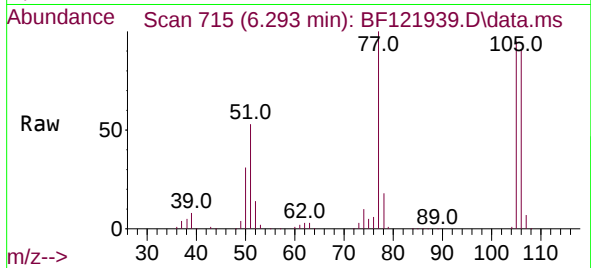




#9
Benzaldehyde
Concen: 29.03 ng
RT: 6.293 min Scan# 715
Delta R.T. -0.005 min
Lab File: BF121939.D
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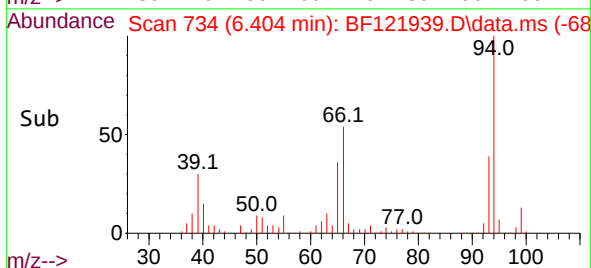
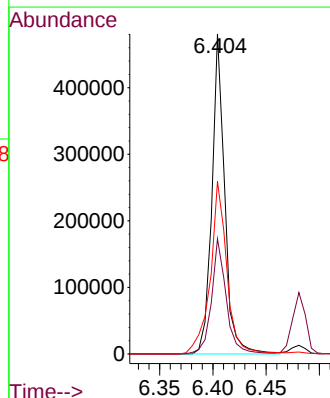
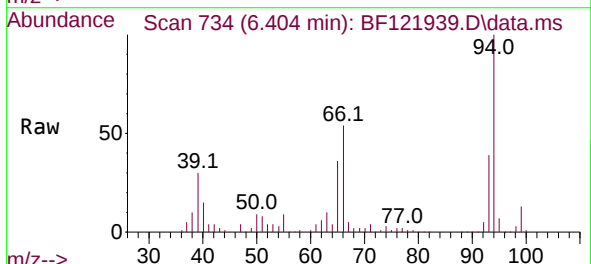
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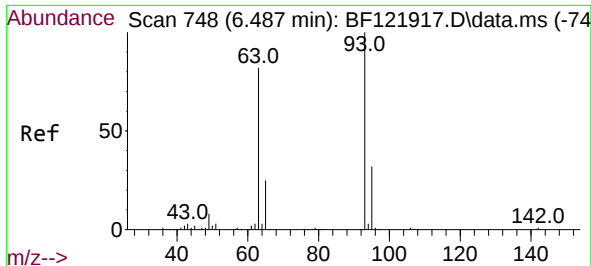
Tgt Ion: 77 Resp: 176151
Ion Ratio Lower Upper
77 100
105 95.3 76.7 116.7
106 91.3 71.3 111.3



#10
Phenol
Concen: 39.16 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 405028
Ion Ratio Lower Upper
94 100
65 36.0 17.1 57.1
66 53.9 36.0 76.0

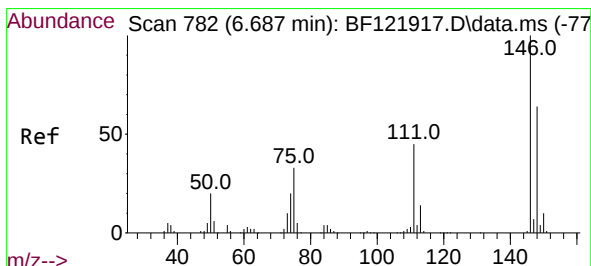
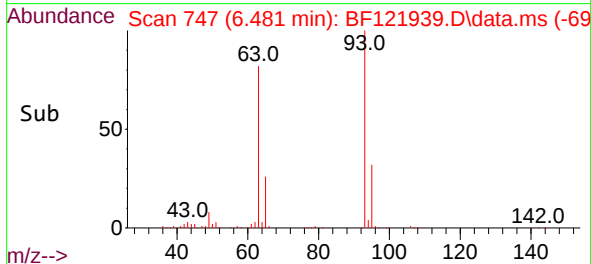
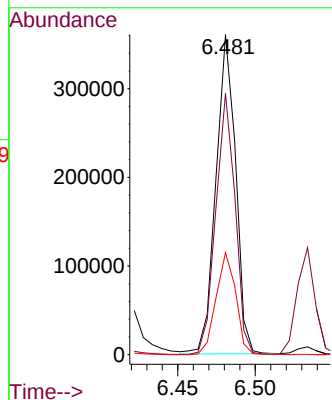
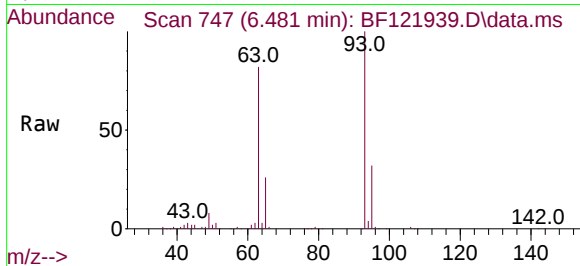




#11
bis(2-Chloroethyl)ether
Concen: 39.85 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

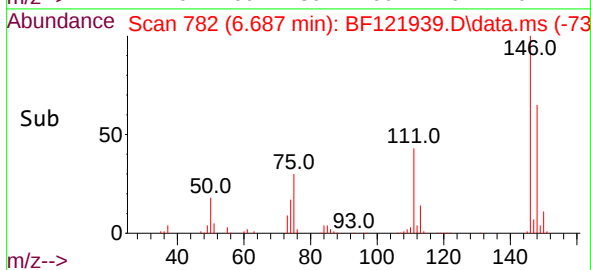
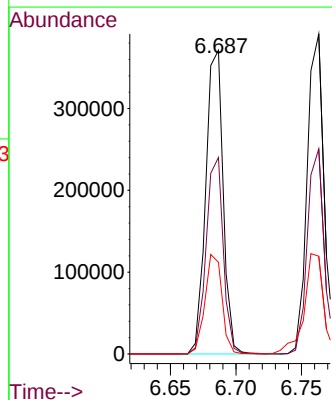
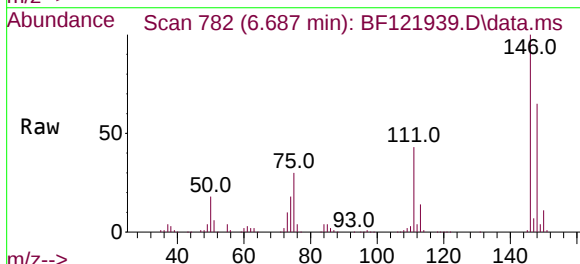
Instrument :
BNA_F
ClientSampleId :
HD-4MS

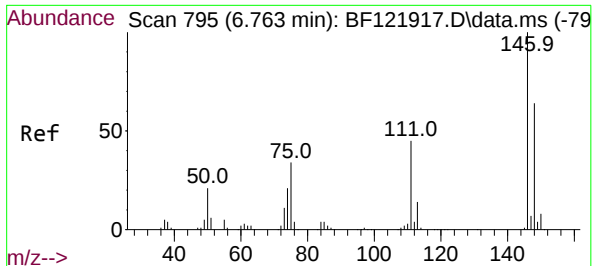
Tgt Ion: 93 Resp: 318646
Ion Ratio Lower Upper
93 100
63 81.6 62.4 102.4
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.87 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

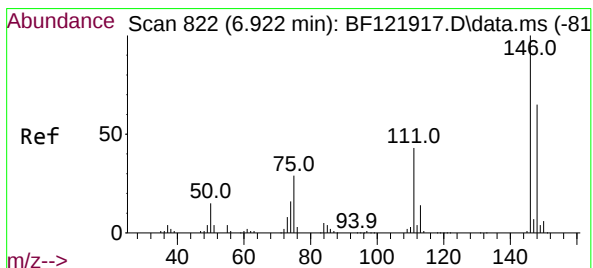
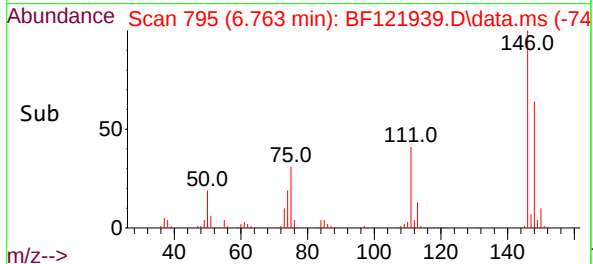
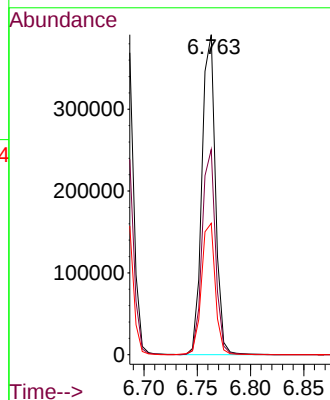
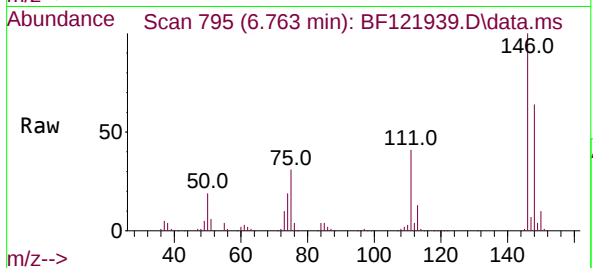
Tgt Ion:146 Resp: 344040
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
75 30.2 27.6 41.4





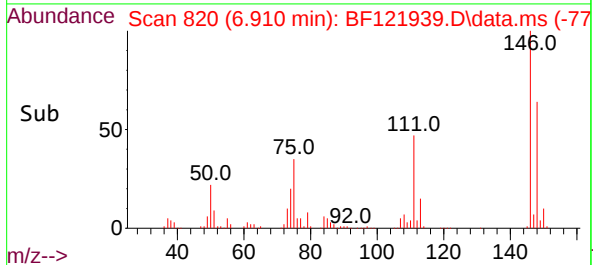
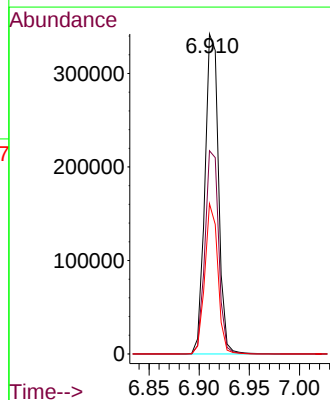
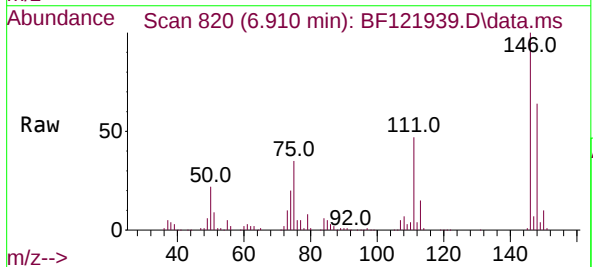
#13
1,4-Dichlorobenzene
Concen: 38.96 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:146 Resp: 346239
Ion Ratio Lower Upper
146 100
148 64.1 50.1 75.1
111 41.1 34.6 52.0

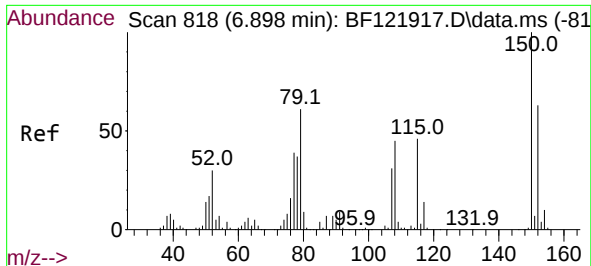


#14
1,2-Dichlorobenzene
Concen: 40.09 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:146 Resp: 325717
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 47.0 34.2 51.4



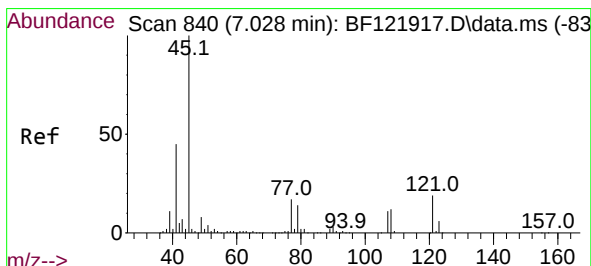
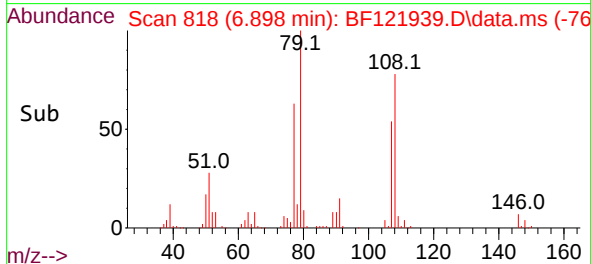
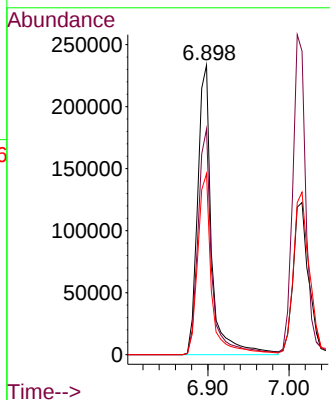
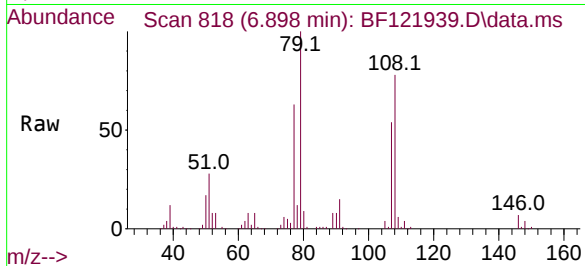
Instrument :
BNA_F
ClientSampleId :
HD-4MS



#15
Benzyl Alcohol
Concen: 43.16 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

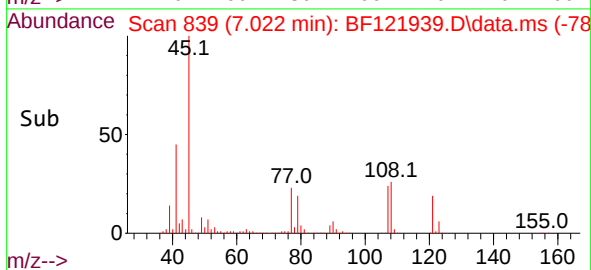
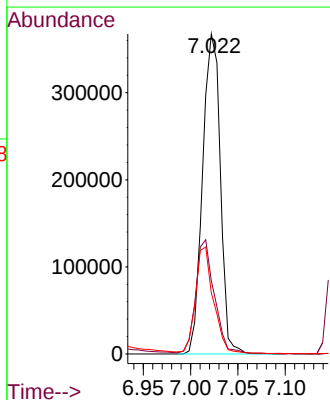
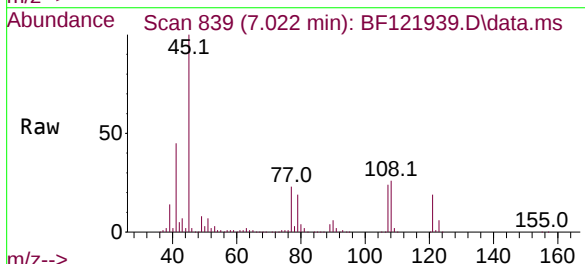
Instrument :
BNA_F
ClientSampleId :
HD-4MS

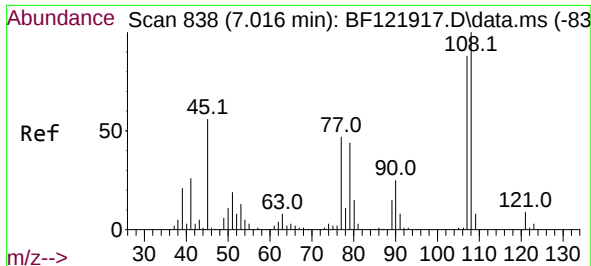
Tgt Ion: 79 Resp: 279828
Ion Ratio Lower Upper
79 100
108 77.9 62.3 93.5
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.88 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion: 45 Resp: 478502
Ion Ratio Lower Upper
45 100
77 22.9 0.0 33.3
79 19.1 0.0 30.4

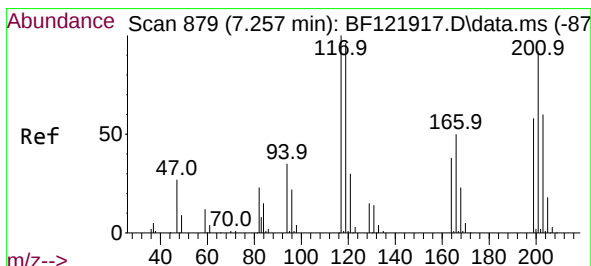
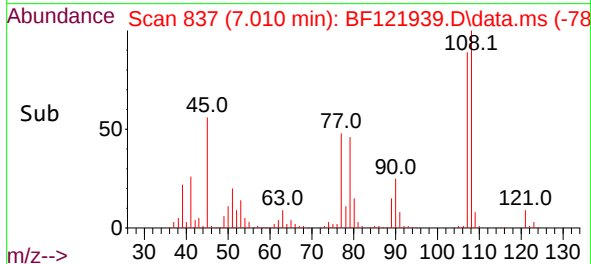
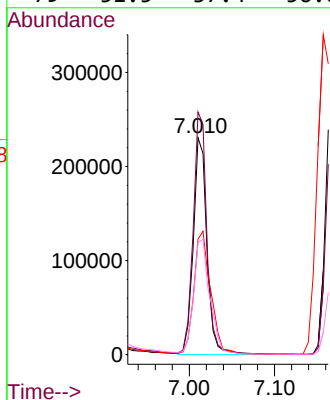
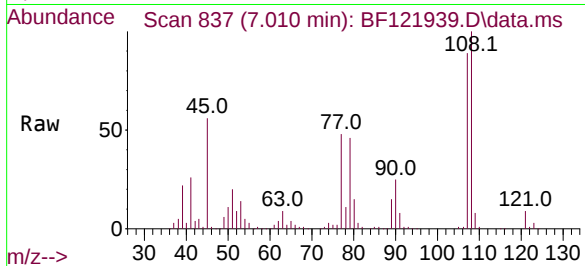




#17
2-Methylphenol
Concen: 38.05 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

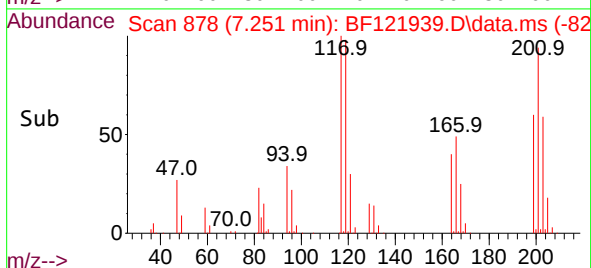
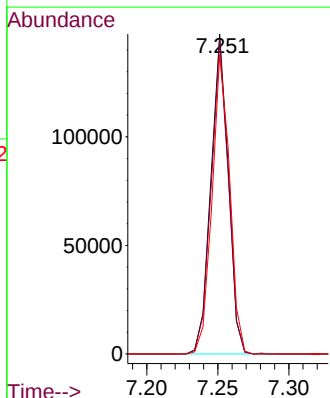
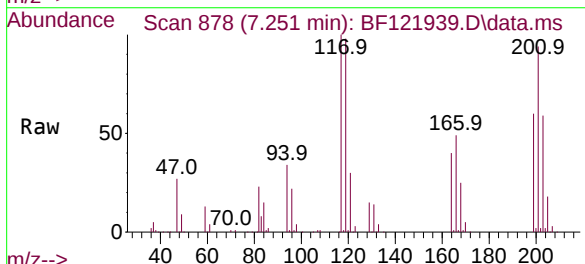
Instrument :
BNA_F
ClientSampleId :
HD-4MS

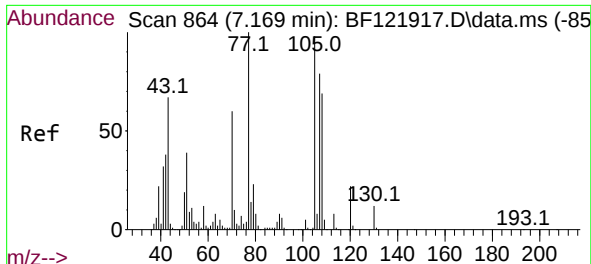
Tgt Ion:	107	Resp:	255999
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.9	136.3
77	53.2	37.5	56.3
79	51.5	37.4	56.0



#18
Hexachloroethane
Concen: 39.14 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:	117	Resp:	125655
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.3	114.5
201	93.5	71.8	107.6





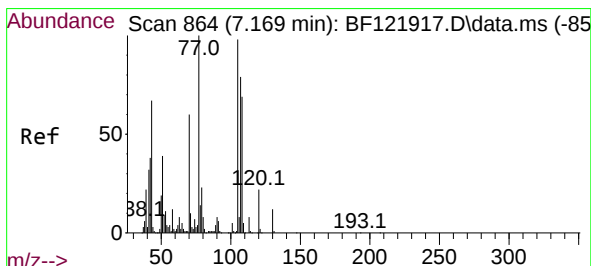
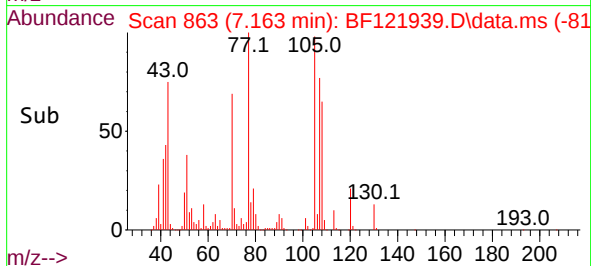
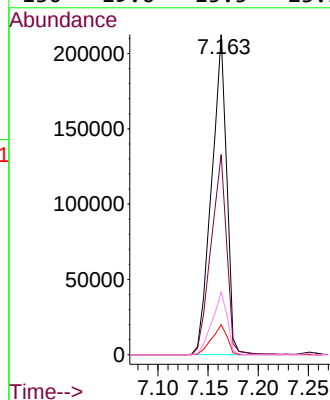
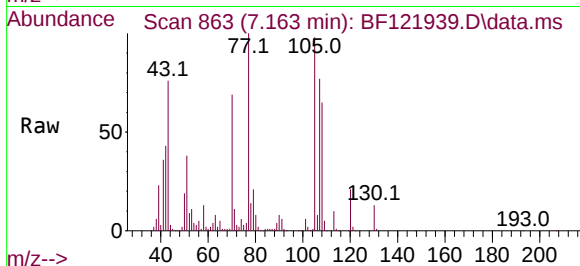
#19

n-Nitroso-di-n-propylamine
Concen: 39.10 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Instrument :
BNA_F
ClientSampleId :
HD-4MS

Tgt Ion: 70 Resp: 223152

Ion	Ratio	Lower	Upper
70	100		
42	62.5	50.2	75.4
101	9.4	7.5	11.3
130	19.6	15.5	23.3

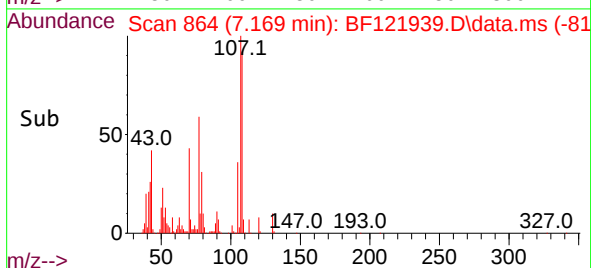
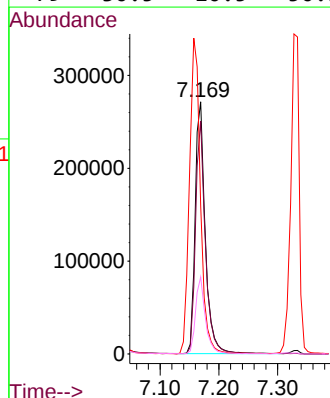
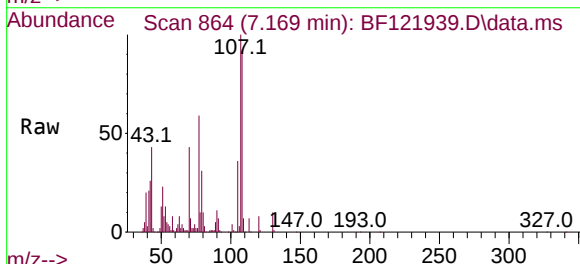


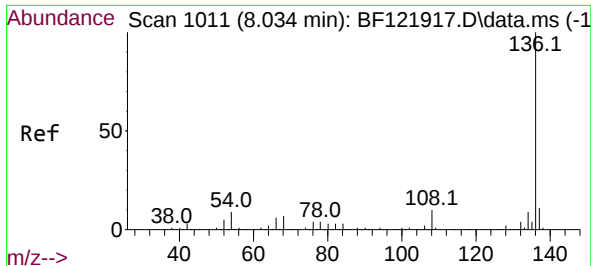
#20

3+4-Methylphenols
Concen: 39.81 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion: 107 Resp: 323023

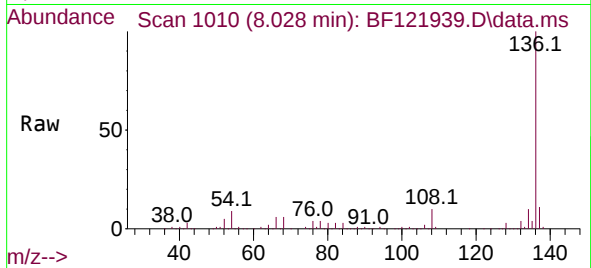
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.9	108.9
77	58.8	108.0	148.0#
79	30.5	10.5	50.5



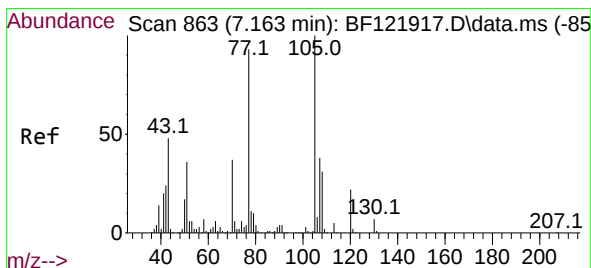
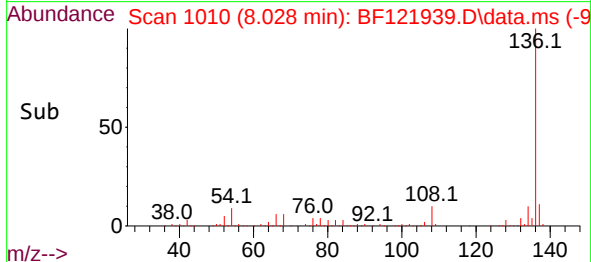
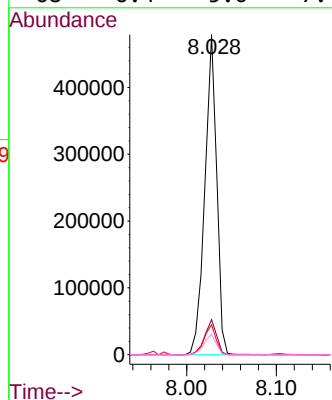


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Instrument :
BNA_F
ClientSampleId :
HD-4MS

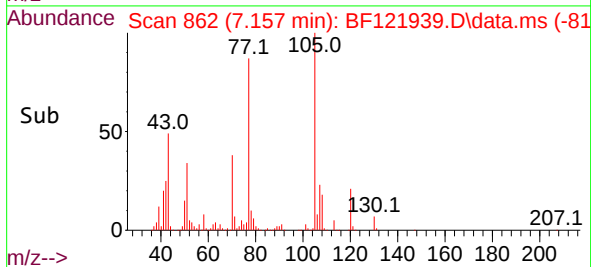
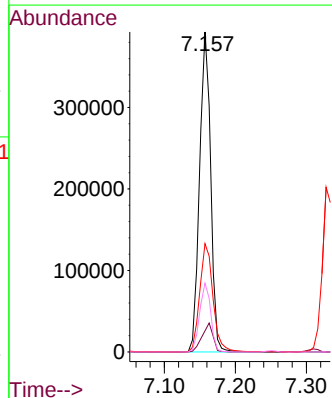
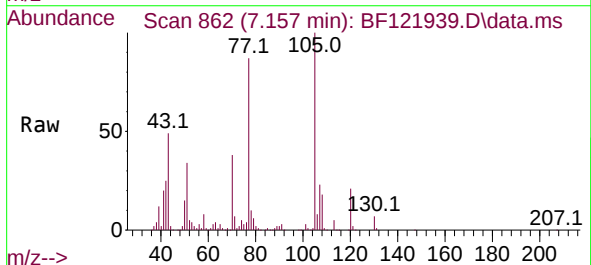


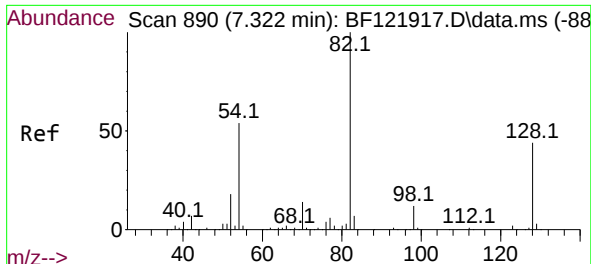
Tgt Ion:136 Resp: 439974
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 7.1 10.7
68 6.4 5.0 7.4



#22
Acetophenone
Concen: 37.76 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:105 Resp: 427489
Ion Ratio Lower Upper
105 100
71 6.6 5.3 7.9
51 33.9 33.2 49.8
120 21.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 60.36 ng

RT: 7.310 min Scan# 888

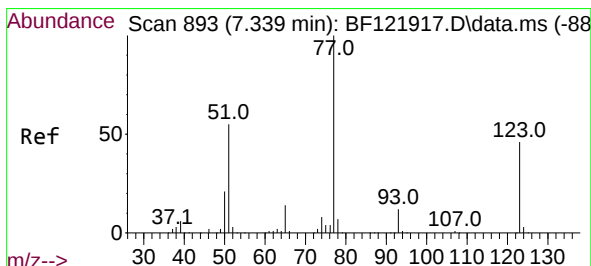
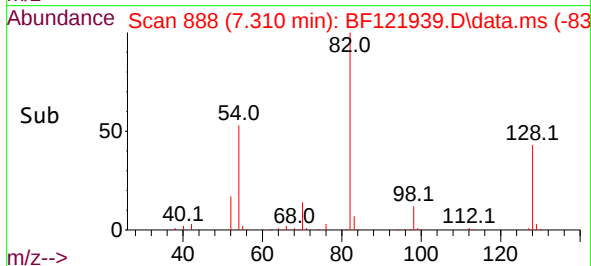
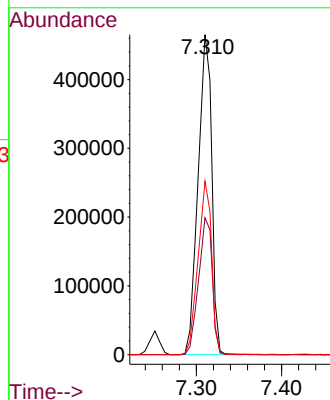
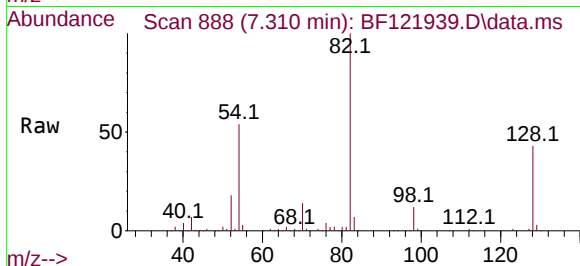
Delta R.T. -0.012 min

Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

Tgt Ion: 82 Resp: 517866

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.0	52.4
54	54.2	43.9	65.9



#24

Nitrobenzene

Concen: 37.91 ng

RT: 7.328 min Scan# 891

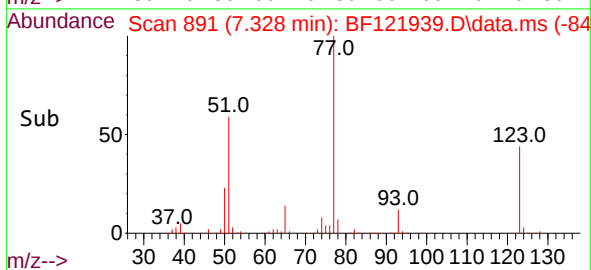
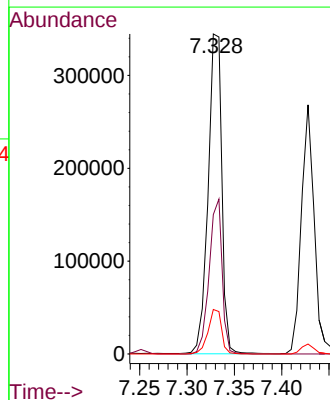
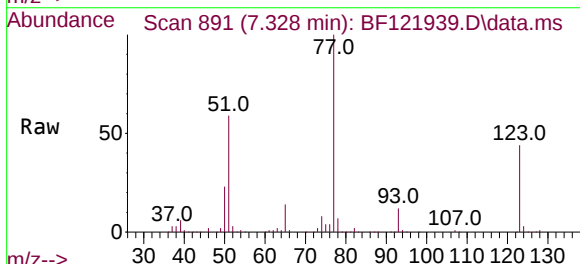
Delta R.T. -0.012 min

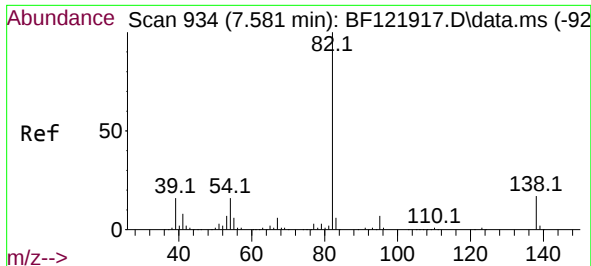
Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

Tgt Ion: 77 Resp: 347629

Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.6	53.4
65	13.9	11.2	16.8

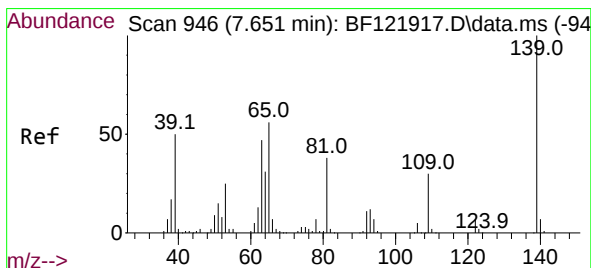
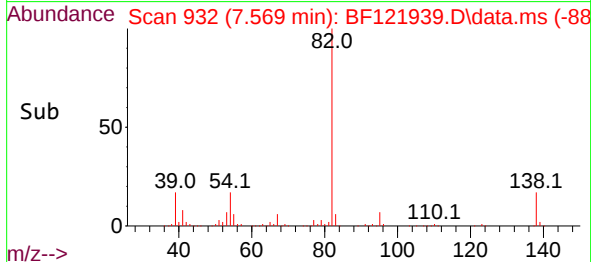
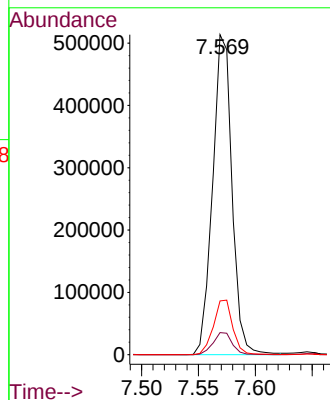
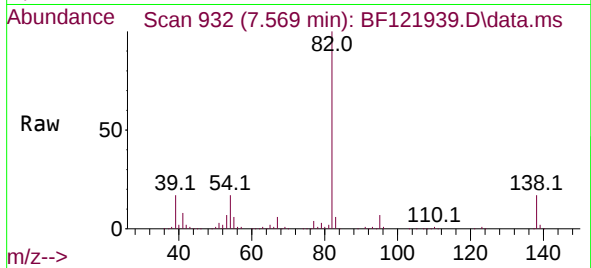




#25
Isophorone
Concen: 37.55 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

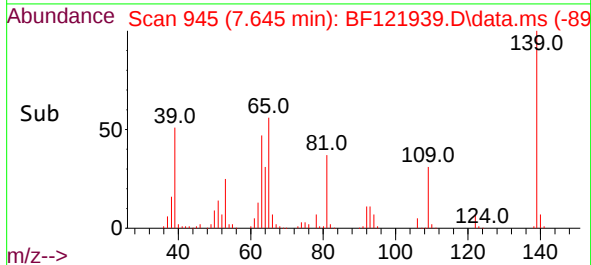
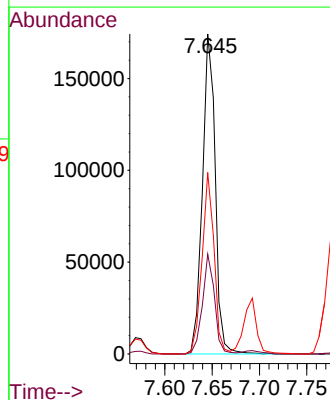
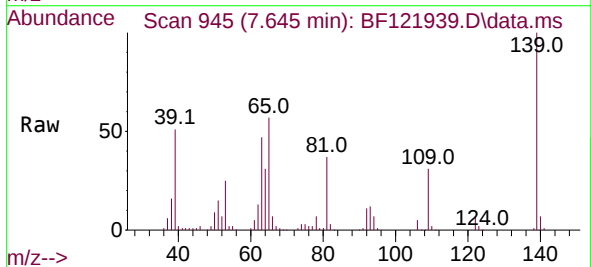
Instrument :
BNA_F
ClientSampleId :
HD-4MS

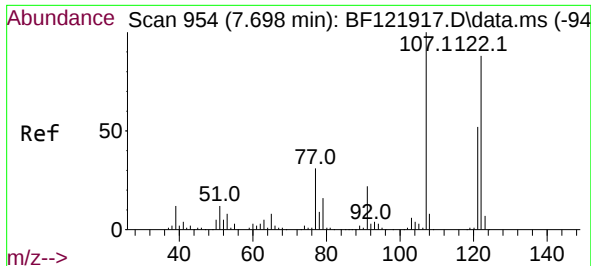
Tgt Ion: 82 Resp: 609135
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 16.8 13.4 20.0



#26
2-Nitrophenol
Concen: 38.96 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:139 Resp: 164506
Ion Ratio Lower Upper
139 100
109 31.2 23.0 34.4
65 56.7 39.9 59.9

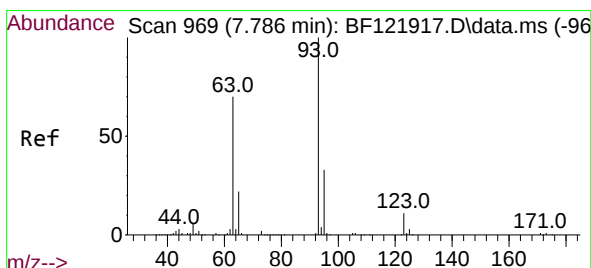
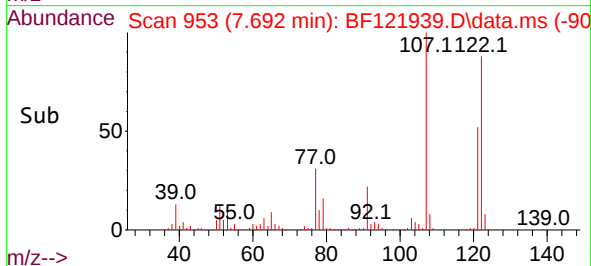
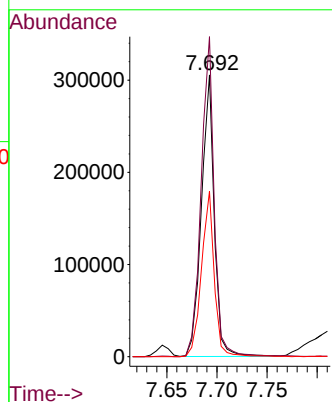
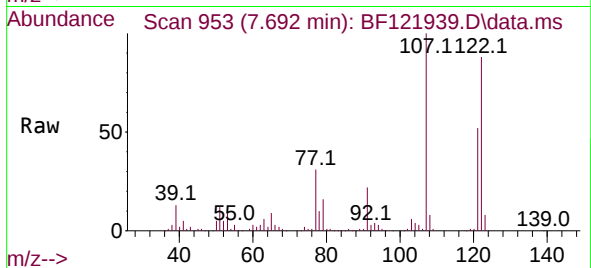




#27
2,4-Dimethylphenol
Concen: 38.01 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

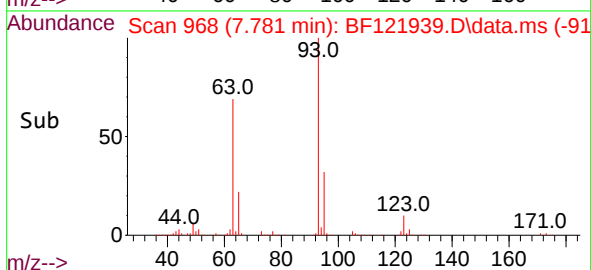
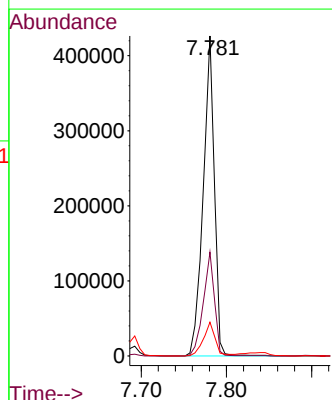
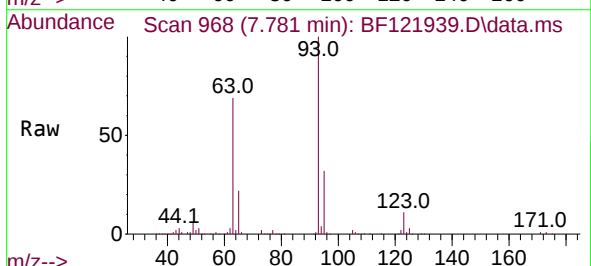
Instrument :
BNA_F
ClientSampleId :
HD-4MS

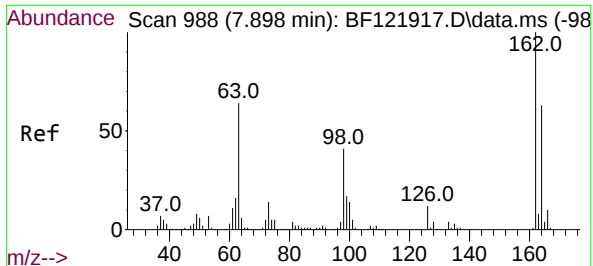
Tgt Ion:122 Resp: 273656
Ion Ratio Lower Upper
122 100
107 113.6 90.8 136.2
121 58.7 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.39 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion: 93 Resp: 389637
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 10.6 8.8 13.2

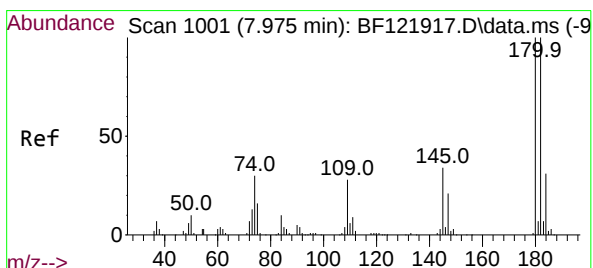
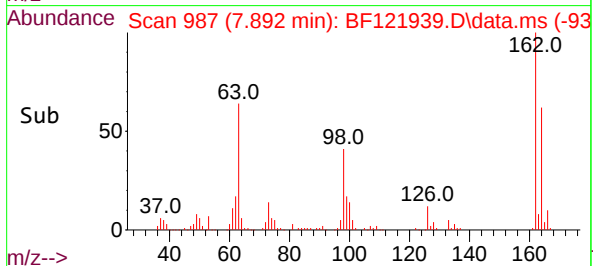
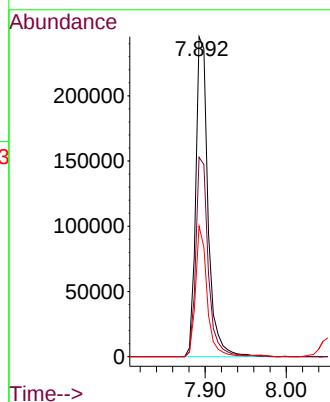
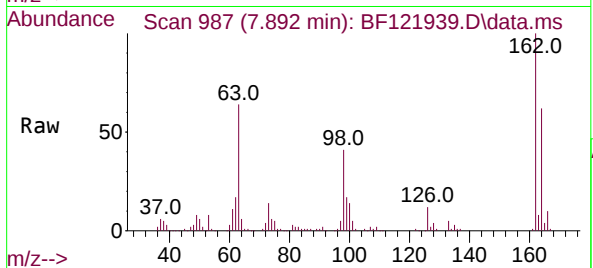




#29
2,4-Dichlorophenol
Concen: 38.50 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

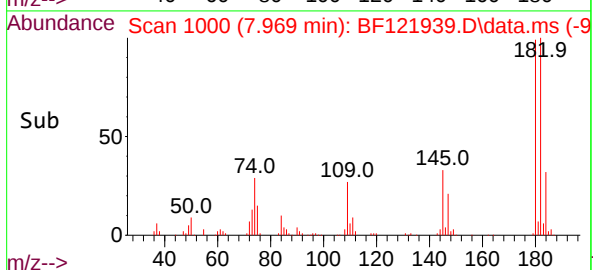
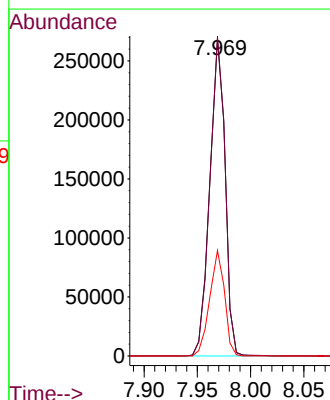
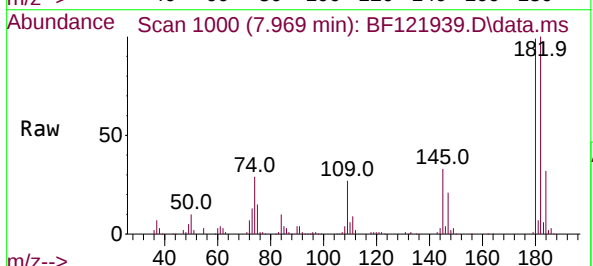
Instrument :
BNA_F
ClientSampleId :
HD-4MS

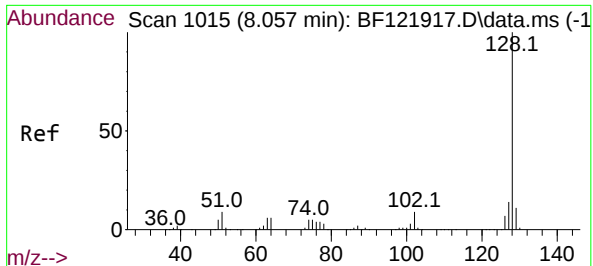
Tgt Ion:162 Resp: 259548
Ion Ratio Lower Upper
162 100
164 62.3 42.5 82.5
98 40.8 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 37.65 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:180 Resp: 269844
Ion Ratio Lower Upper
180 100
182 101.0 79.4 119.2
145 33.3 25.5 38.3

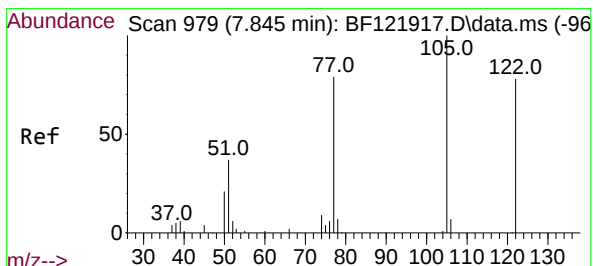
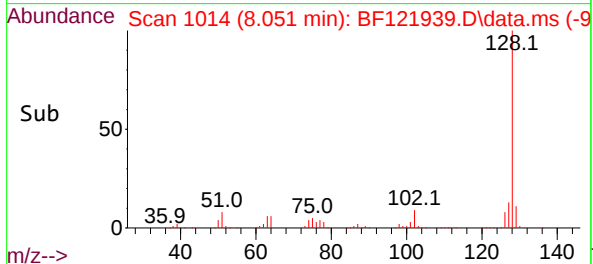
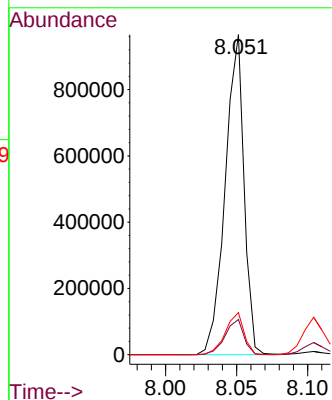
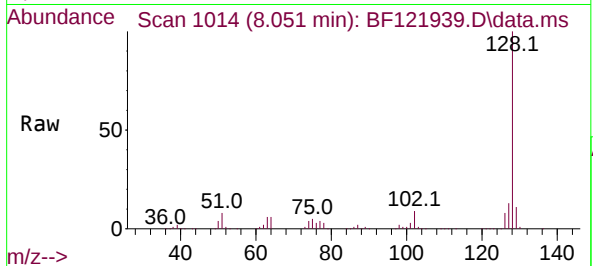




#31
Naphthalene
Concen: 37.80 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

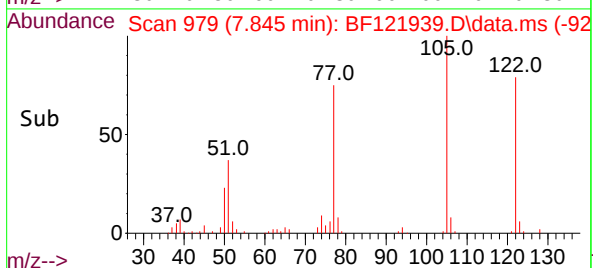
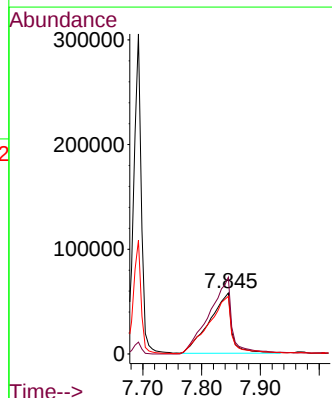
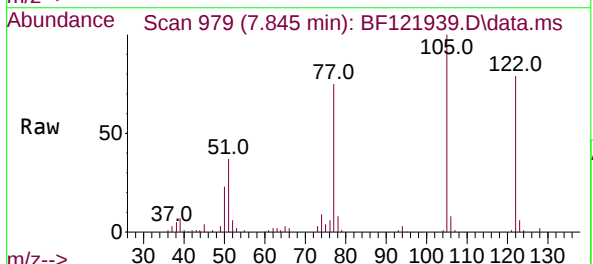
Instrument :
BNA_F
ClientSampleId :
HD-4MS

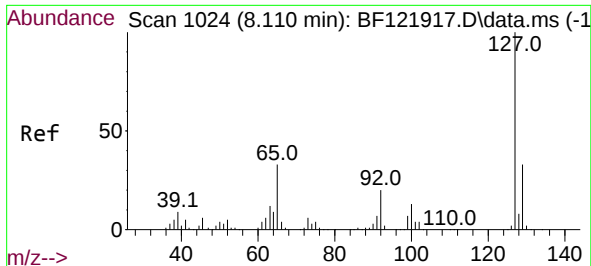
Tgt Ion:128 Resp: 890912
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 39.45 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:122 Resp: 155615
Ion Ratio Lower Upper
122 100
105 125.8 103.3 143.3
77 94.5 73.9 113.9

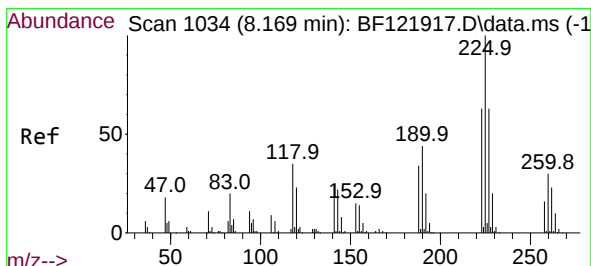
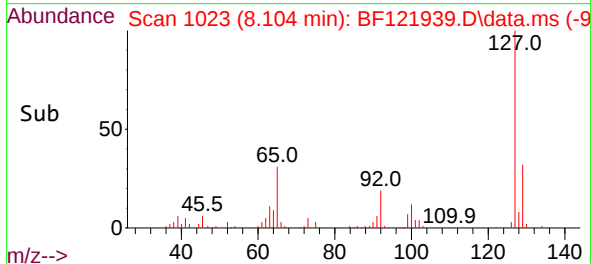
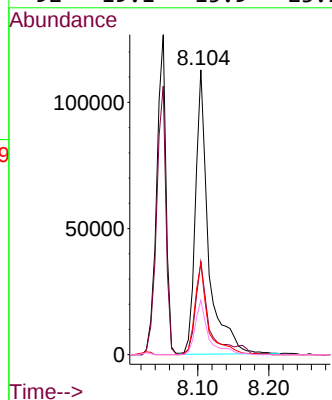
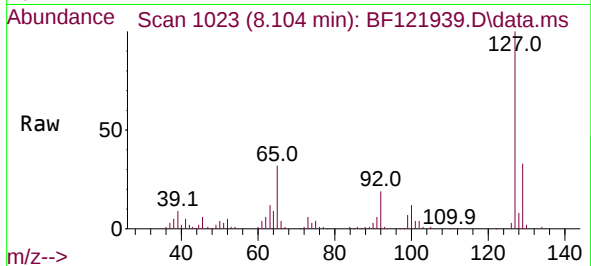




#33
4-Chloroaniline
Concen: 14.37 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

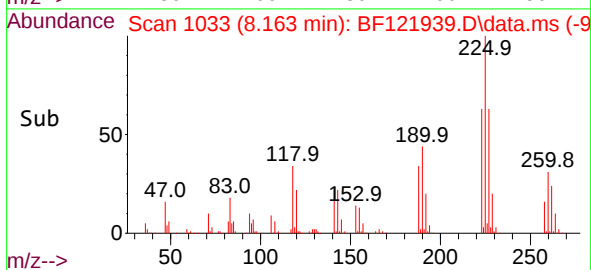
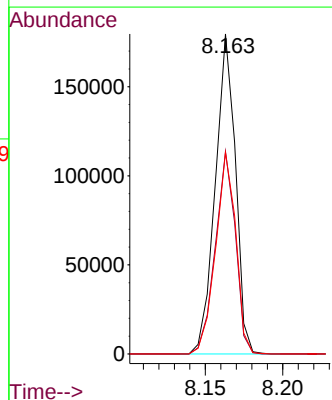
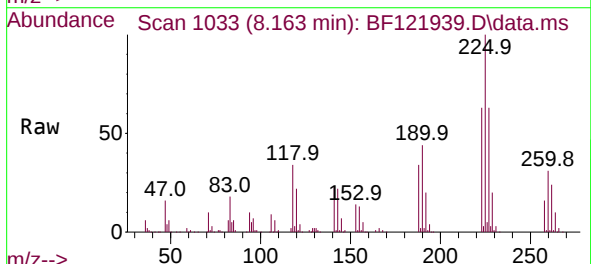
Instrument :
BNA_F
ClientSampleId :
HD-4MS

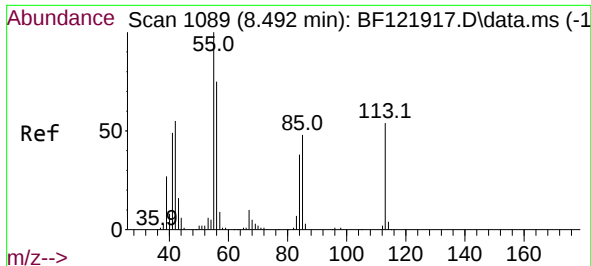
Tgt Ion:127	Resp: 144240
Ion Ratio	Lower Upper
127 100	
129 32.6	26.3 39.5
65 32.1	26.2 39.2
92 19.1	15.9 23.9



#34
Hexachlorobutadiene
Concen: 38.23 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:225	Resp: 162508
Ion Ratio	Lower Upper
225 100	
223 63.3	51.1 76.7
227 63.0	51.0 76.6

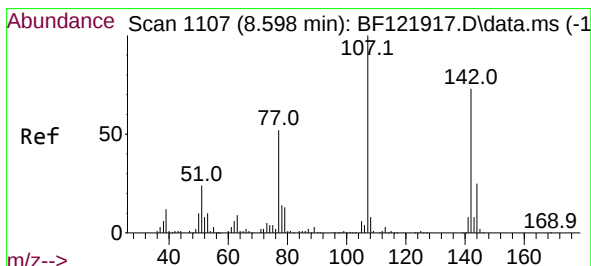
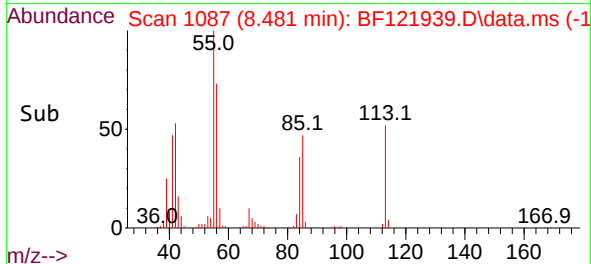
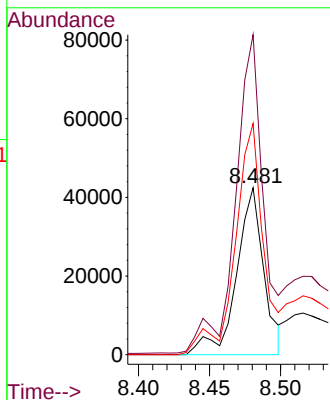
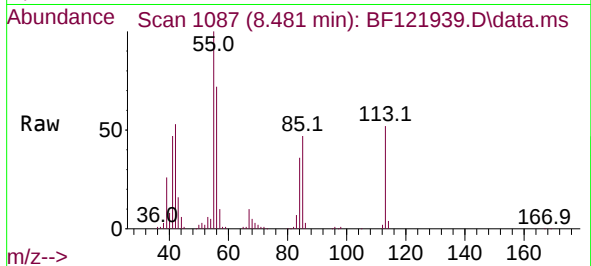




#35
Caprolactam
Concen: 26.50 ng
RT: 8.481 min Scan# 1087
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

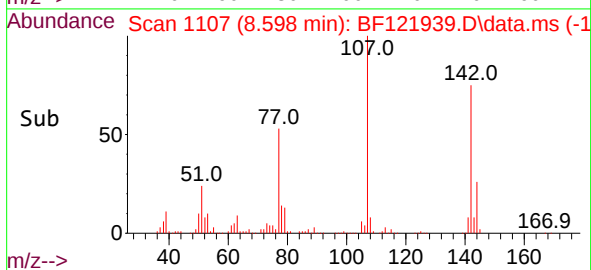
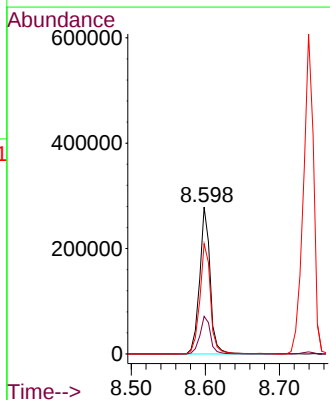
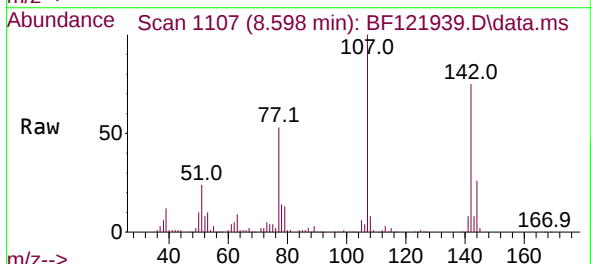
Instrument :
BNA_F
ClientSampleId :
HD-4MS

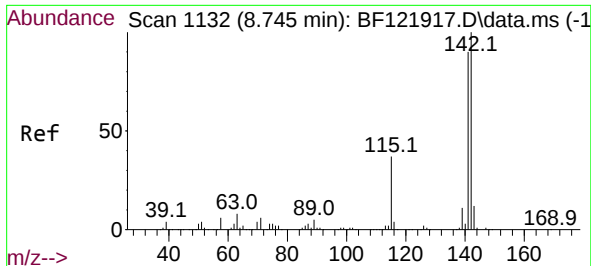
Tgt Ion:113 Resp: 56738
Ion Ratio Lower Upper
113 100
55 191.7 167.5 207.5
56 138.4 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 38.01 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:107 Resp: 275172
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 75.1 59.3 88.9

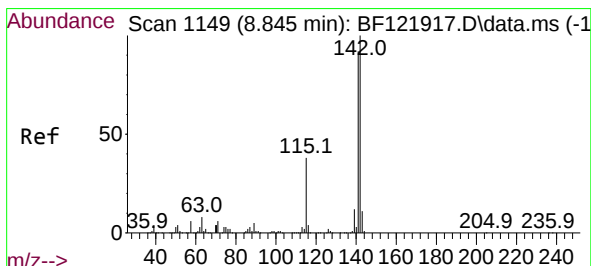
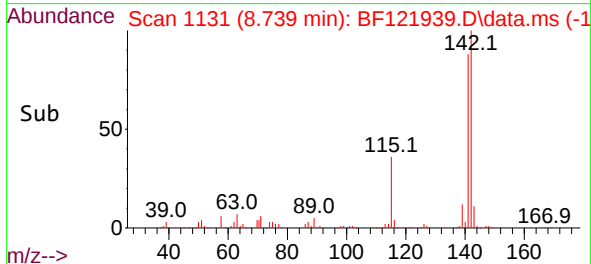
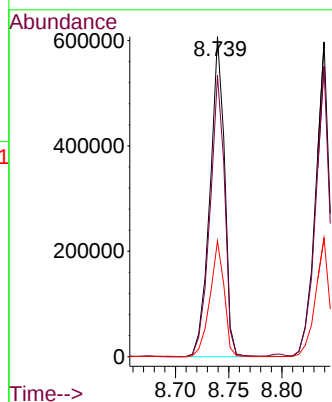
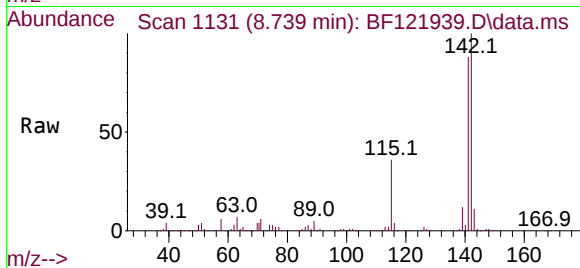




#37
2-Methylnaphthalene
Concen: 37.98 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

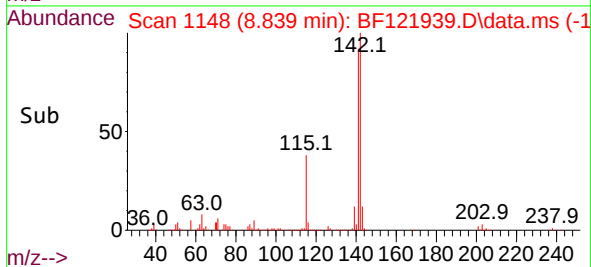
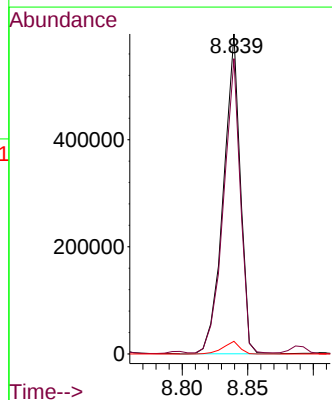
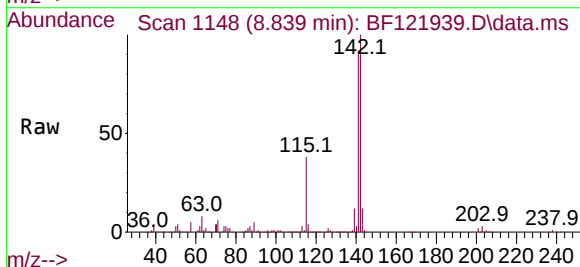
Instrument :
BNA_F
ClientSampleId :
HD-4MS

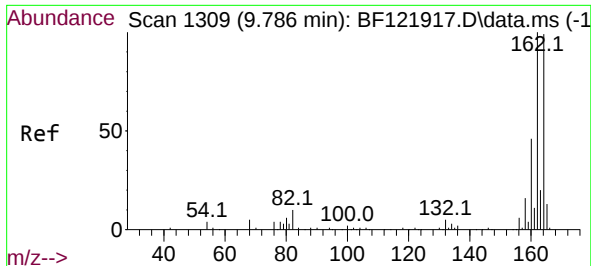
Tgt Ion:142 Resp: 579726
Ion Ratio Lower Upper
142 100
141 87.9 70.2 105.4
115 36.2 28.6 43.0



#38
1-Methylnaphthalene
Concen: 37.66 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:142 Resp: 532372
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.005 min

Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

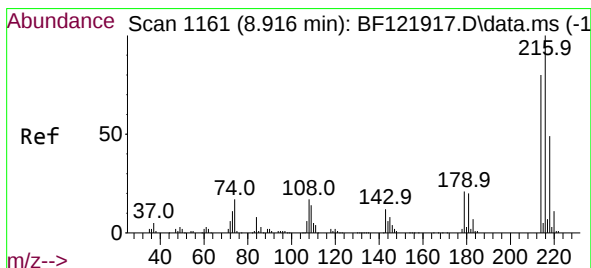
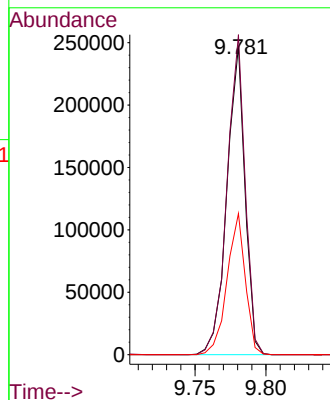
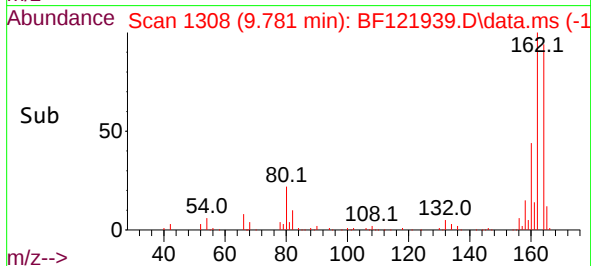
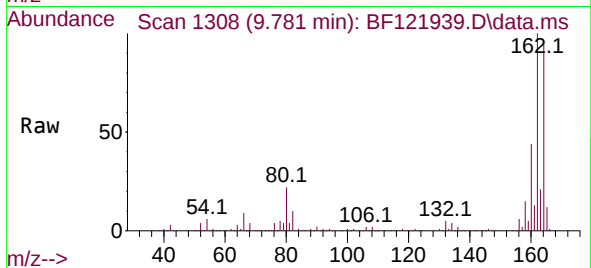
Tgt Ion:164 Resp: 218647

Ion Ratio Lower Upper

164 100

162 103.7 83.2 124.8

160 45.7 37.5 56.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.09 ng

RT: 8.910 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

Tgt Ion:216 Resp: 268790

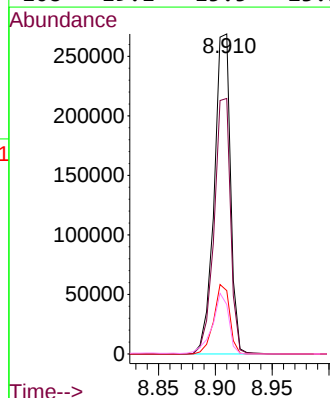
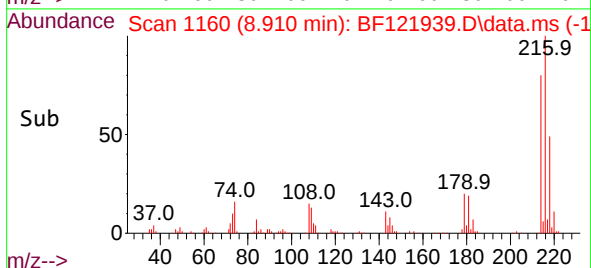
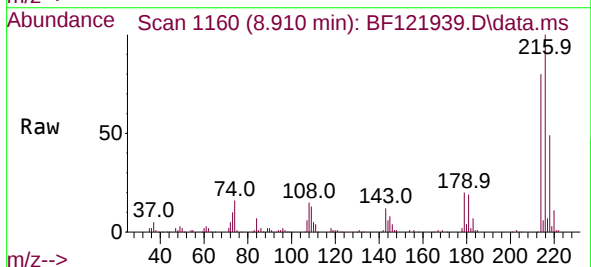
Ion Ratio Lower Upper

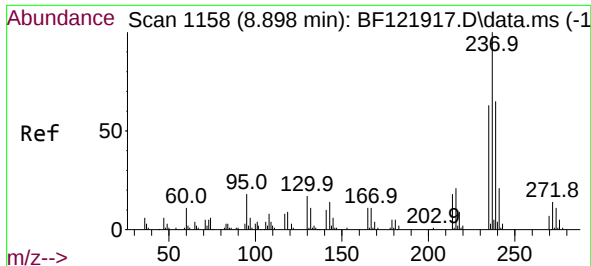
216 100

214 80.0 63.4 95.2

179 21.0 17.0 25.6

108 19.1 15.5 23.3

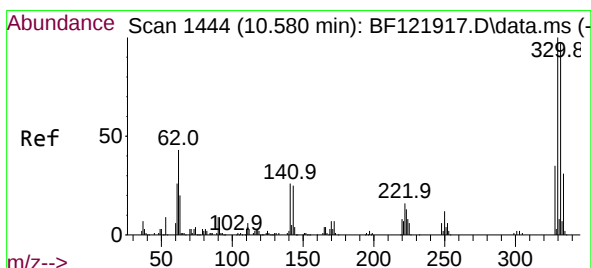
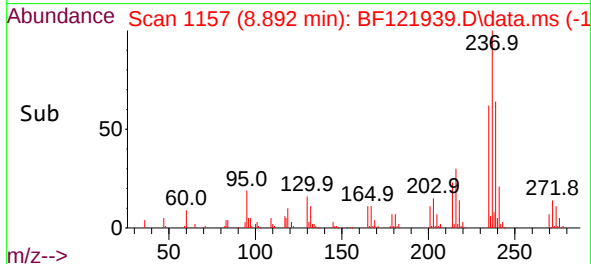
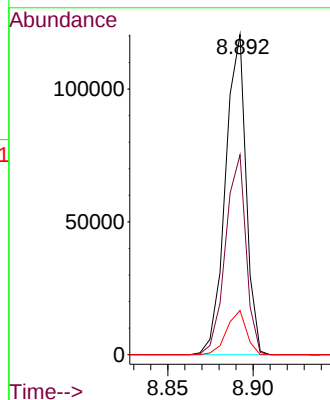
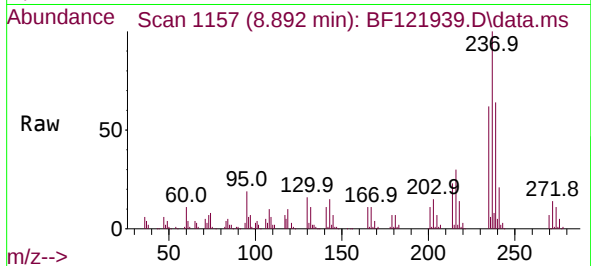




#41
Hexachlorocyclopentadiene
Concen: 56.11 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

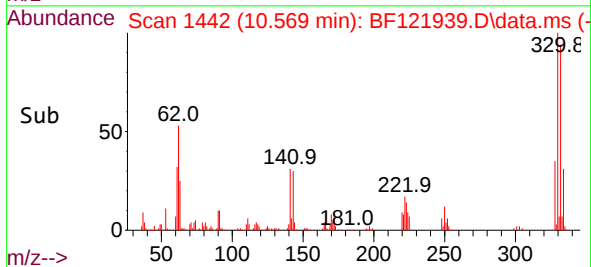
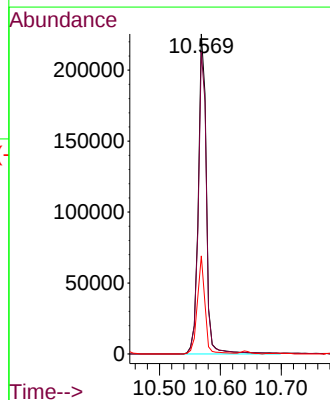
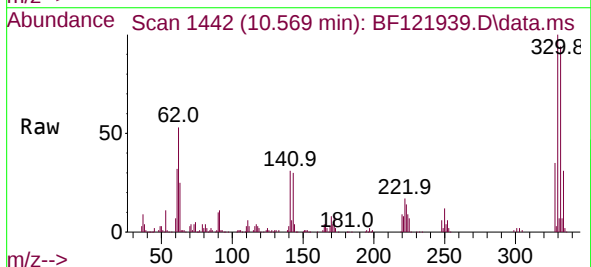
Instrument :
BNA_F
ClientSampleId :
HD-4MS

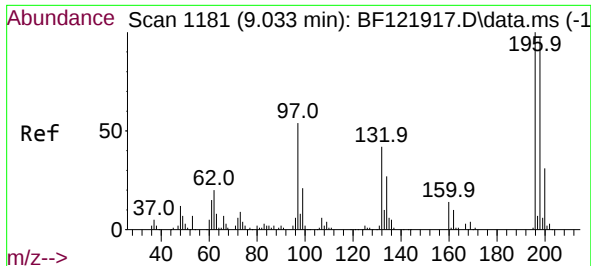
Tgt Ion:237 Resp: 101351
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 76.80 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:330 Resp: 207710
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 29.1 22.3 33.5

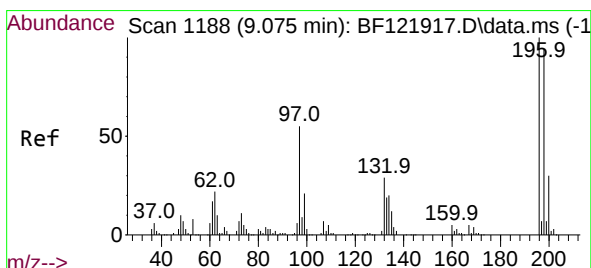
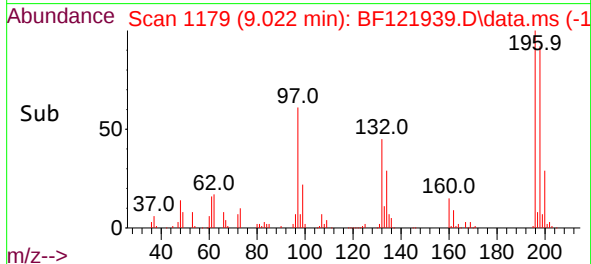
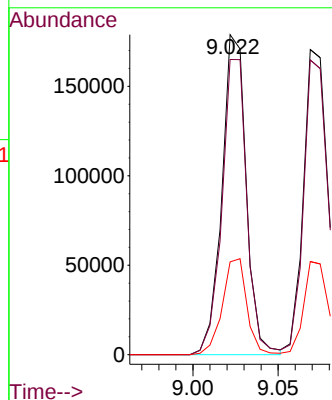
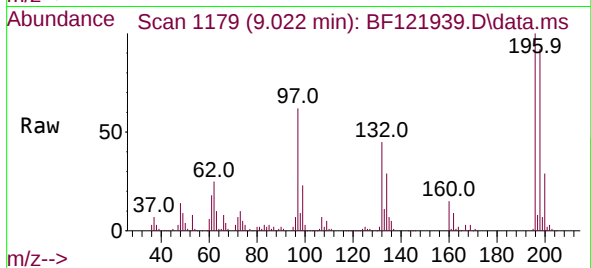




#43
2,4,6-Trichlorophenol
Concen: 40.94 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

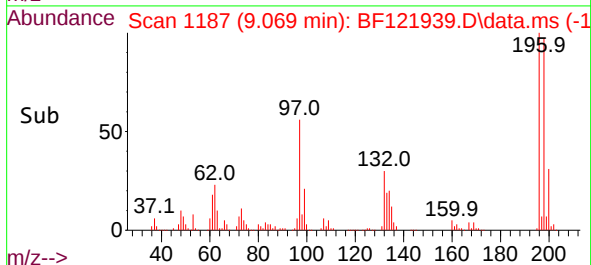
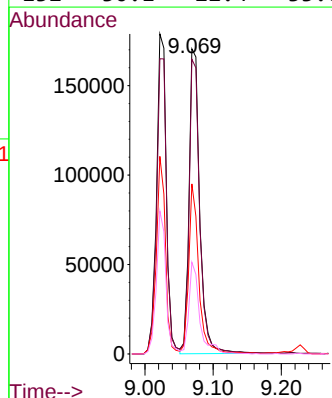
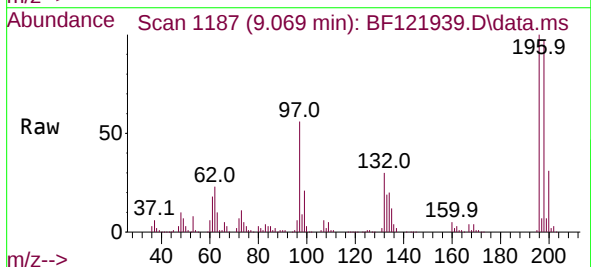
Instrument :
BNA_F
ClientSampleId :
HD-4MS

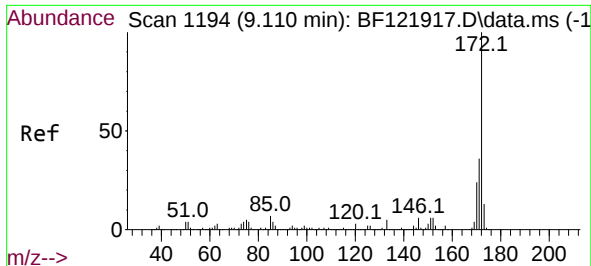
Tgt Ion:196 Resp: 178250
Ion Ratio Lower Upper
196 100
198 92.2 75.8 113.6
200 29.0 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 39.30 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:196 Resp: 184795
Ion Ratio Lower Upper
196 100
198 96.6 76.1 114.1
97 55.7 41.0 61.6
132 30.1 22.4 33.6

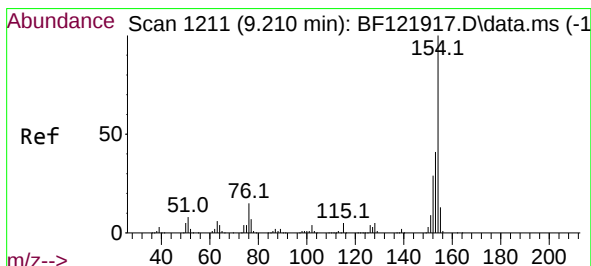
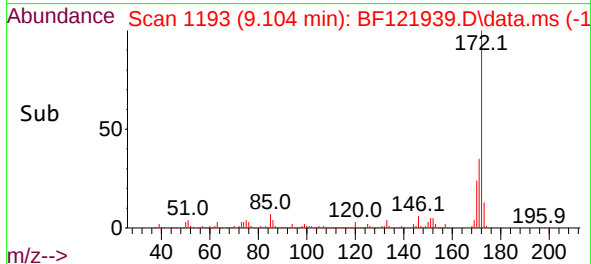
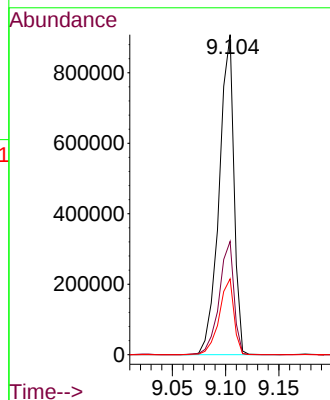
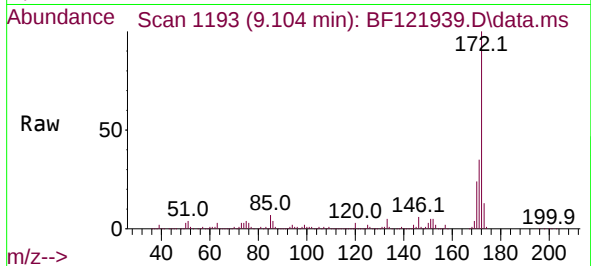




#45
2-Fluorobiphenyl
Concen: 59.01 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

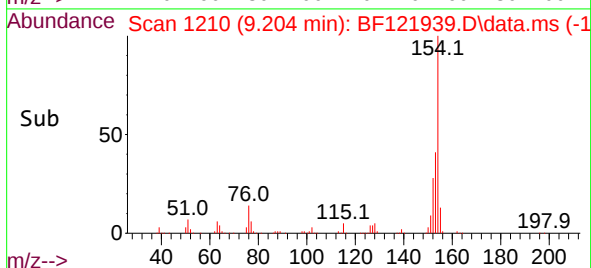
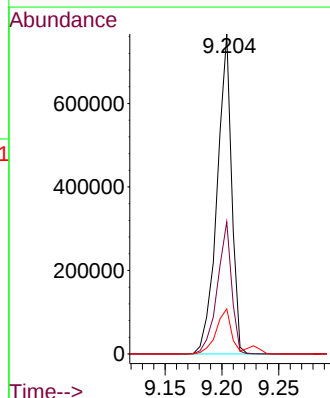
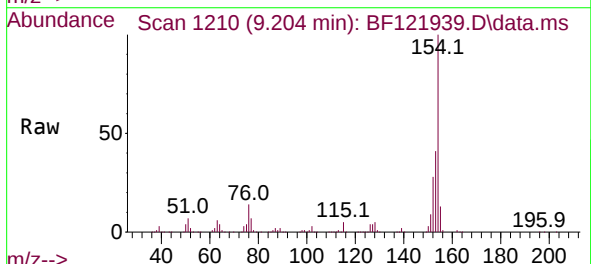
Instrument :
BNA_F
ClientSampleId :
HD-4MS

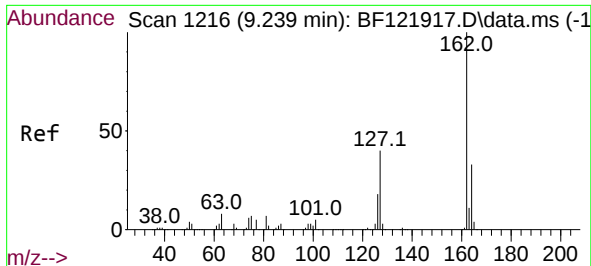
Tgt Ion:172 Resp: 876974
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.7 19.8 29.6



#46
1,1'-Biphenyl
Concen: 38.41 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:154 Resp: 682837
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 14.1 0.0 34.7

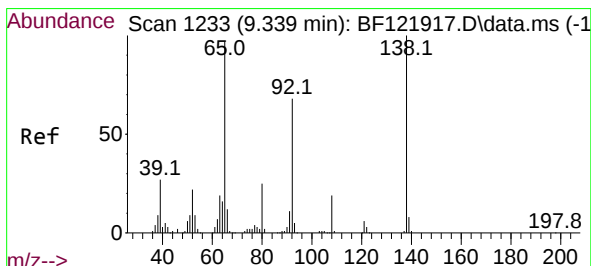
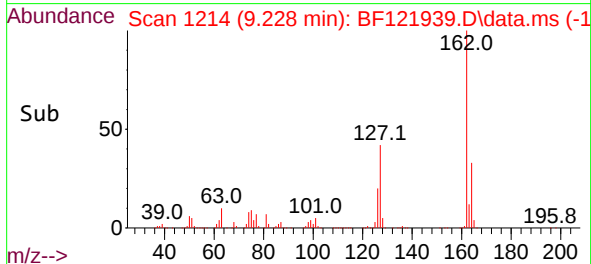
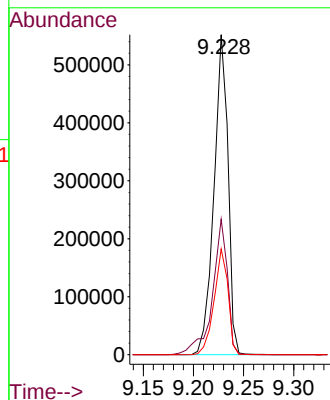
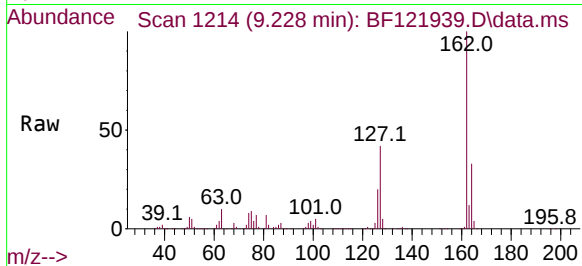




#47
2-Chloronaphthalene
Concen: 38.86 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

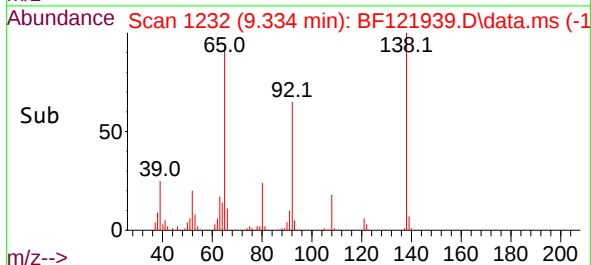
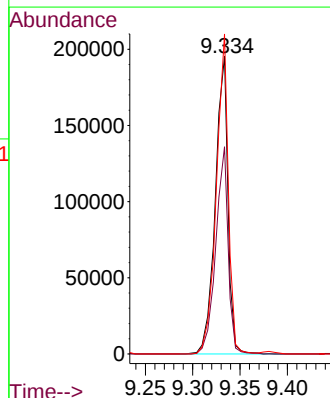
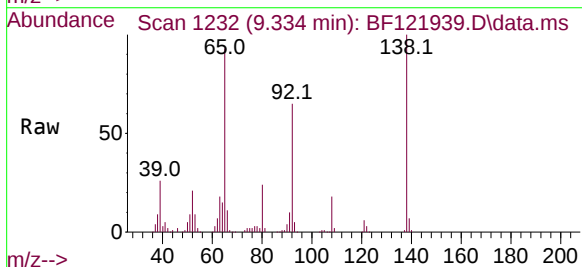
Instrument :
BNA_F
ClientSampleId :
HD-4MS

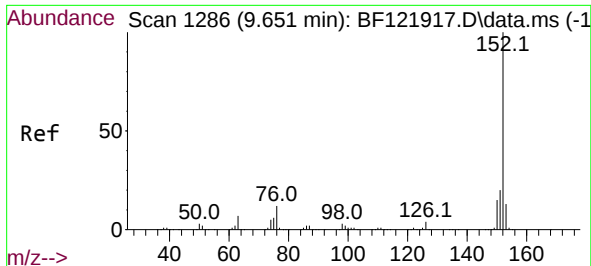
Tgt Ion:162 Resp: 537238
Ion Ratio Lower Upper
162 100
127 42.4 34.4 51.6
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 39.71 ng
RT: 9.334 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion: 65 Resp: 181082
Ion Ratio Lower Upper
65 100
92 69.6 55.1 82.7
138 107.5 80.5 120.7





#49

Acenaphthylene

Concen: 39.28 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

Tgt Ion:152 Resp: 834048

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

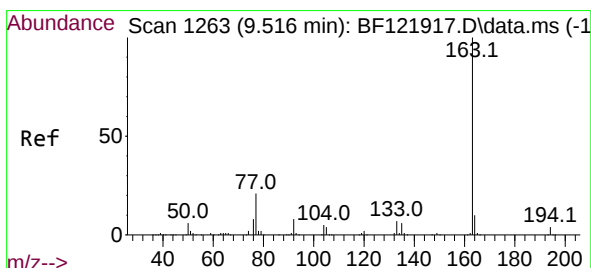
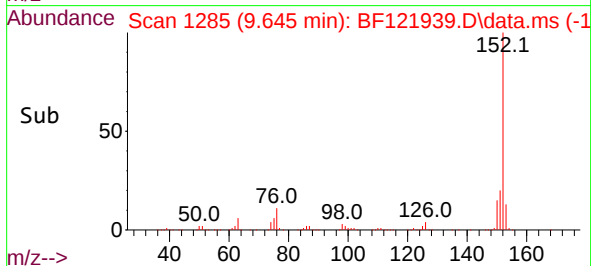
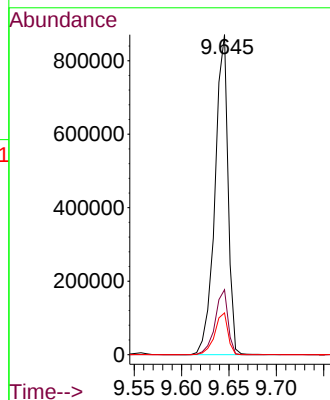
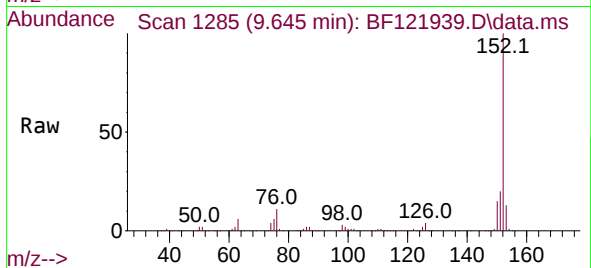
153 13.1 10.6 15.8

Instrument :

BNA_F

ClientSampleId :

HD-4MS



#50

Dimethylphthalate

Concen: 43.92 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.012 min

Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

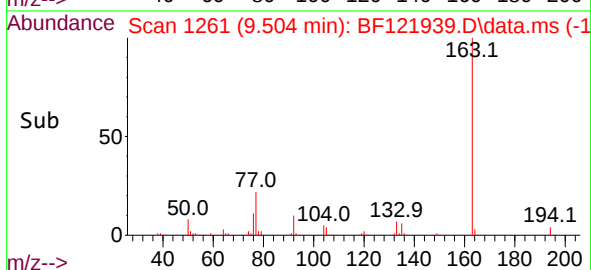
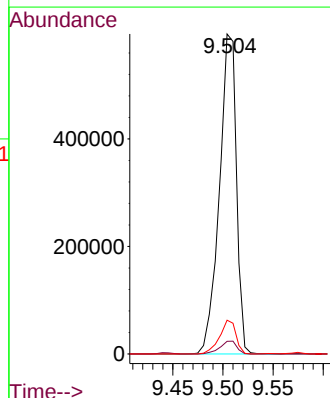
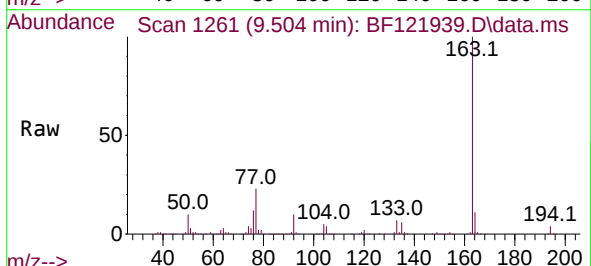
Tgt Ion:163 Resp: 702168

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.6 8.2 12.4

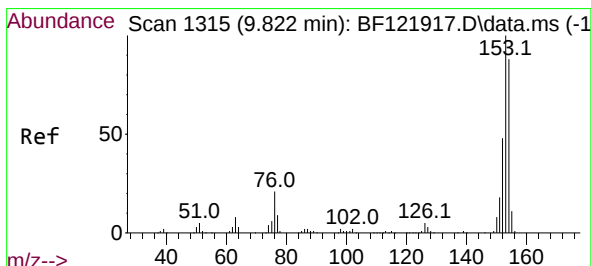
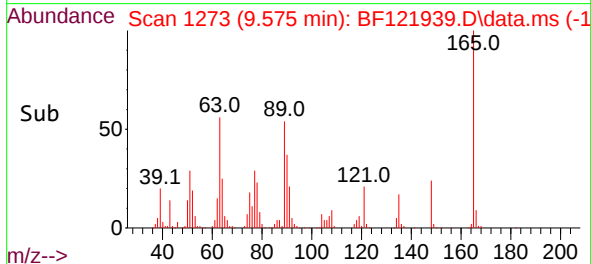
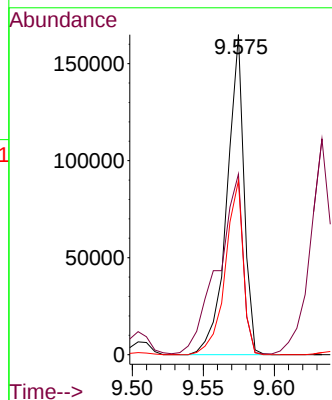
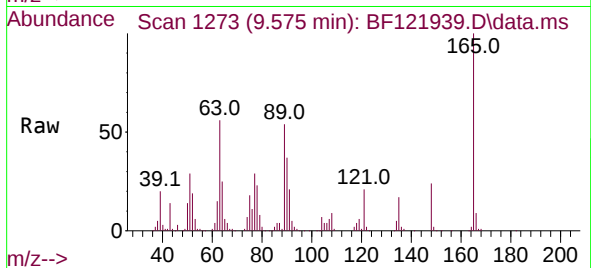




#51
2,6-Dinitrotoluene
Concen: 39.26 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

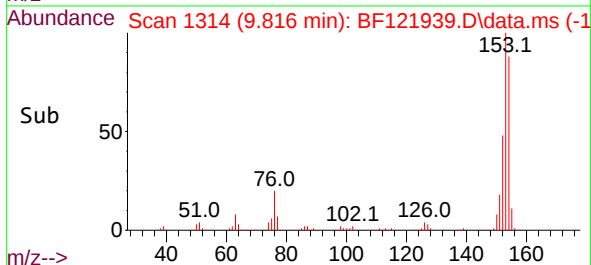
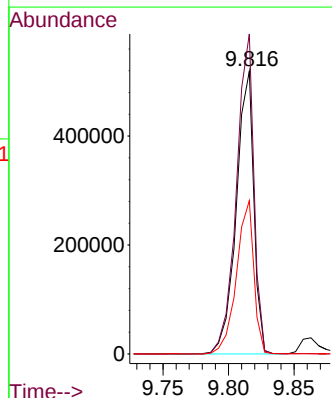
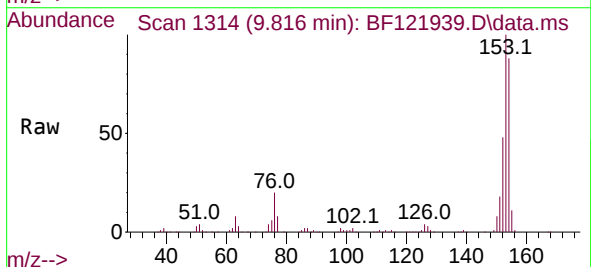
Instrument :
BNA_F
ClientSampleId :
HD-4MS

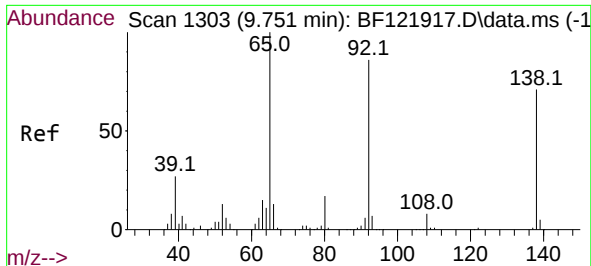
Tgt Ion:165 Resp: 137683
Ion Ratio Lower Upper
165 100
63 56.4 51.8 77.6
89 54.4 49.0 73.6



#52
Acenaphthene
Concen: 38.45 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:154 Resp: 485593
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.8
152 54.2 43.2 64.8

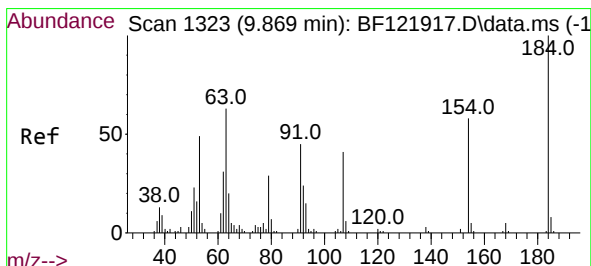
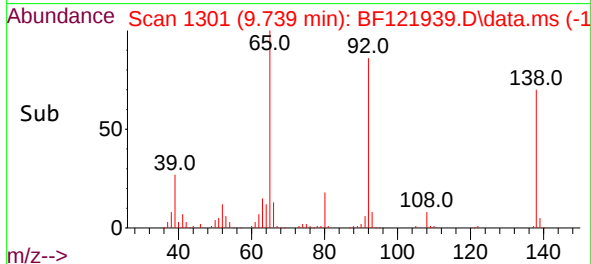
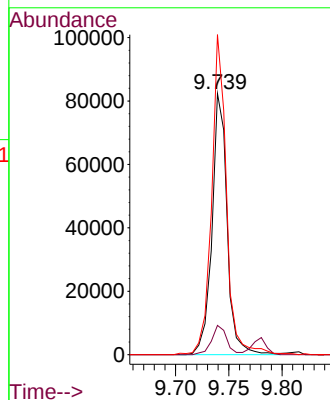
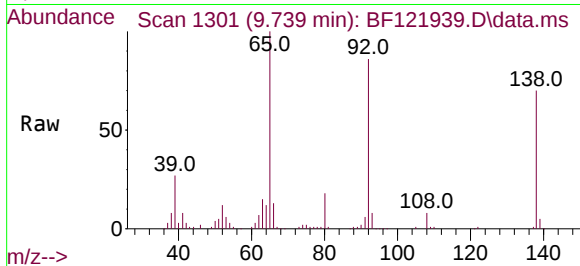




#53
3-Nitroaniline
Concen: 20.41 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

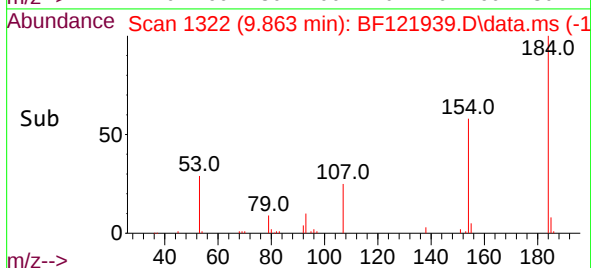
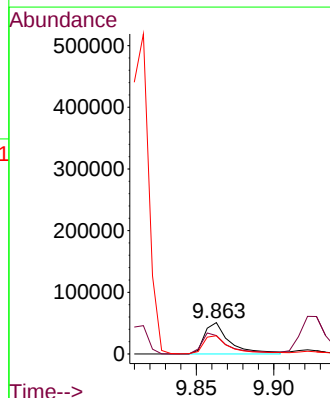
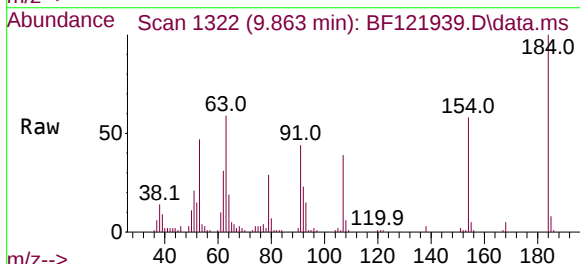
Instrument :
BNA_F
ClientSampleId :
HD-4MS

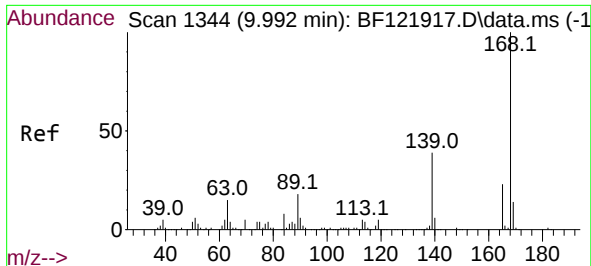
Tgt Ion:	138	Resp:	81412
Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.6	13.0
92	122.5	96.6	144.8



#54
2,4-Dinitrophenol
Concen: 37.41 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:	184	Resp:	57660
Ion	Ratio	Lower	Upper
184	100		
63	58.7	45.9	68.9
154	58.0	45.8	68.6

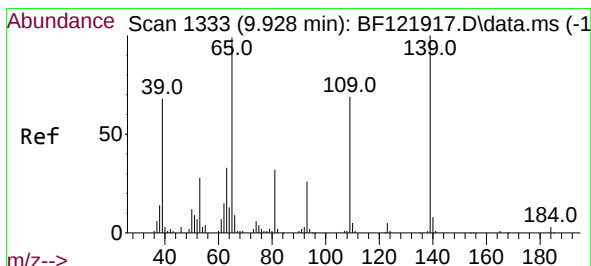
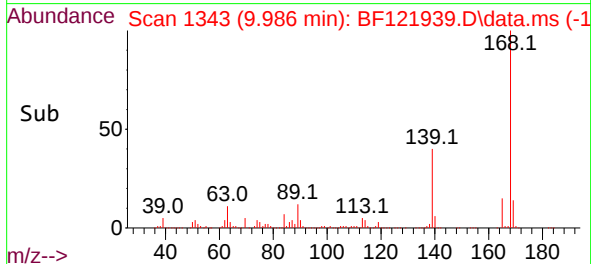
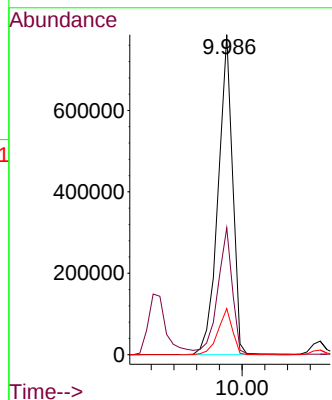
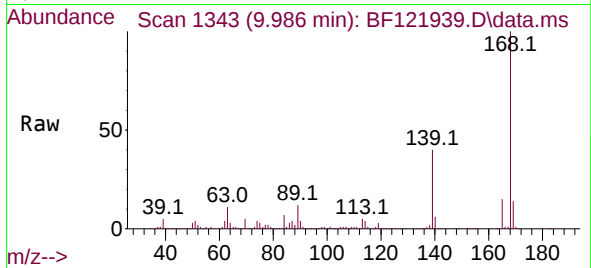




#55
Dibenzenofuran
Concen: 37.67 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

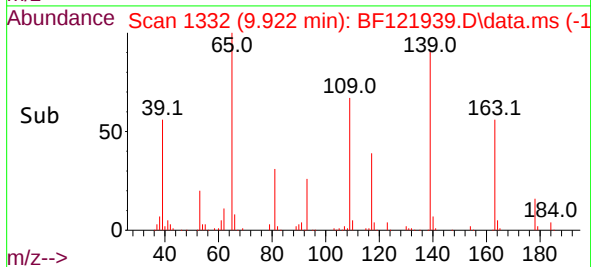
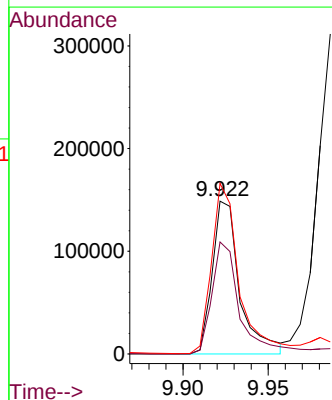
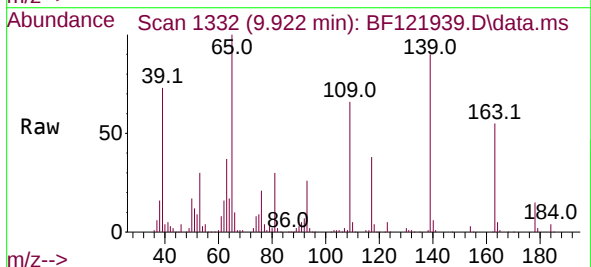
Instrument :
BNA_F
ClientSampleId :
HD-4MS

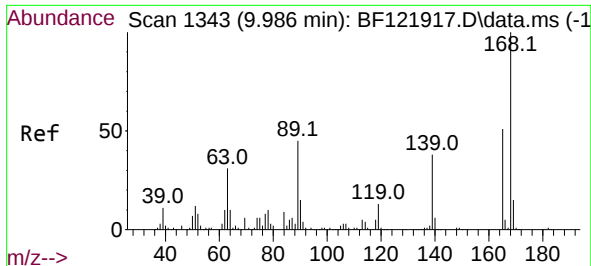
Tgt Ion:168 Resp: 695757
Ion Ratio Lower Upper
168 100
139 39.6 31.0 46.6
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 77.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:139 Resp: 167067
Ion Ratio Lower Upper
139 100
109 73.2 45.4 85.4
65 111.6 68.4 108.4#

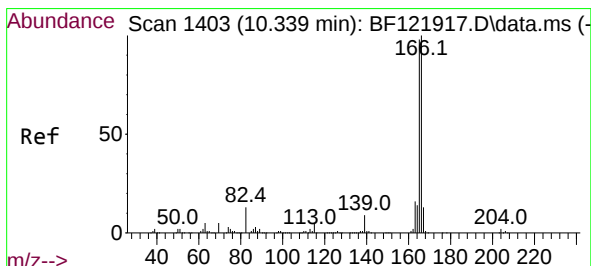
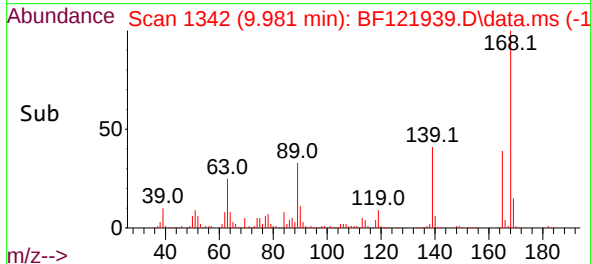
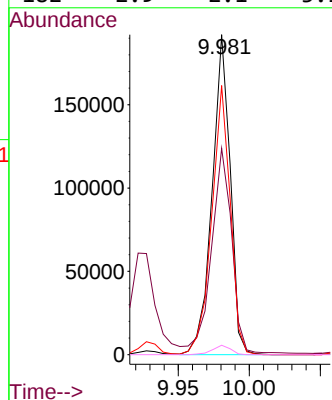
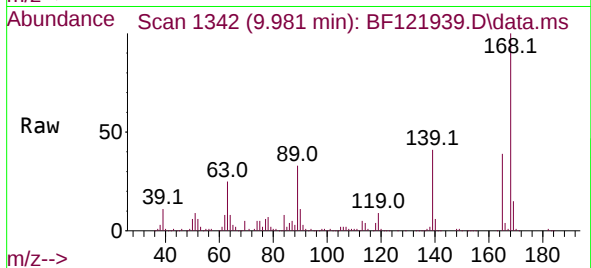




#57
2,4-Dinitrotoluene
Concen: 39.32 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

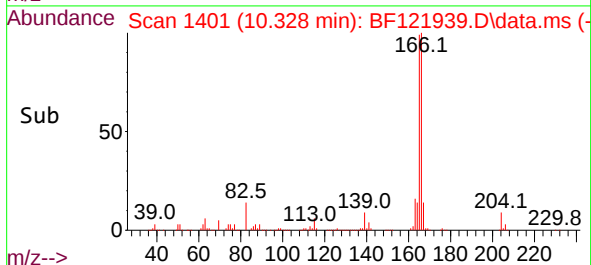
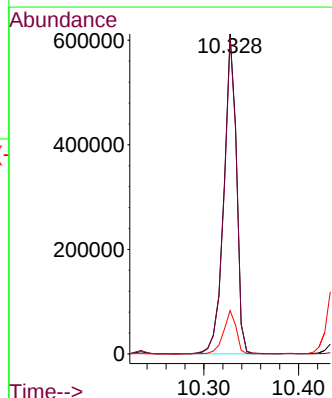
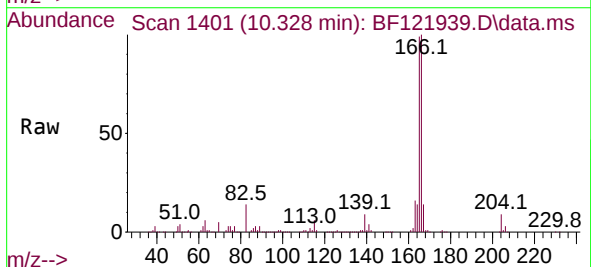
Instrument :
BNA_F
ClientSampleId :
HD-4MS

Tgt Ion:165 Resp: 169742
Ion Ratio Lower Upper
165 100
63 64.5 41.3 61.9#
89 84.1 61.8 92.8
182 2.9 2.1 3.1



#58
Fluorene
Concen: 37.95 ng
RT: 10.328 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:166 Resp: 564743
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 13.5 11.0 16.6



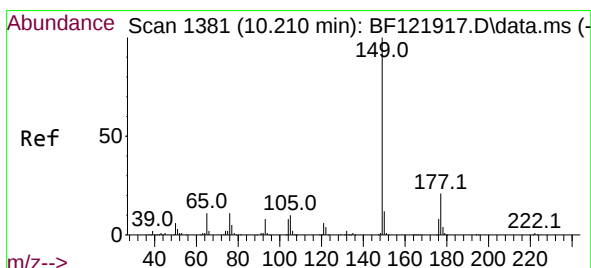
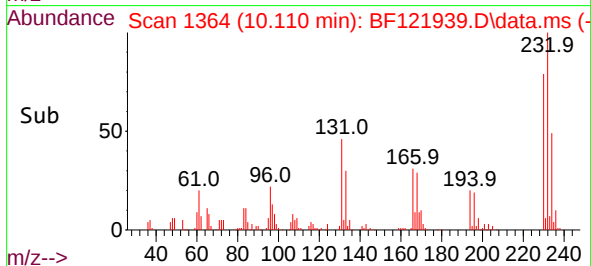
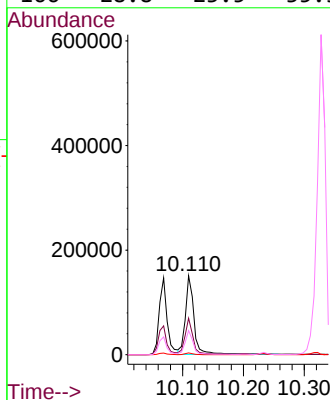
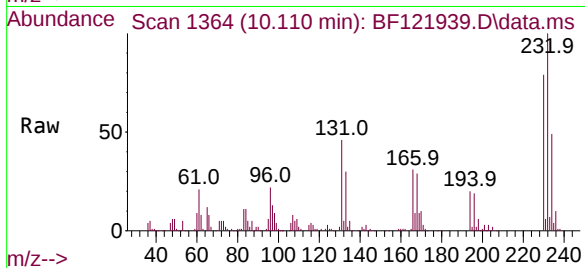


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.38 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Instrument :
BNA_F
ClientSampleId :
HD-4MS

Tgt Ion:232 Resp: 146922

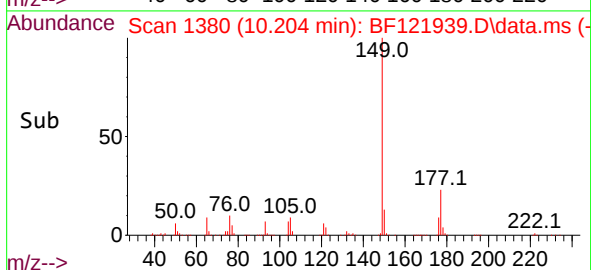
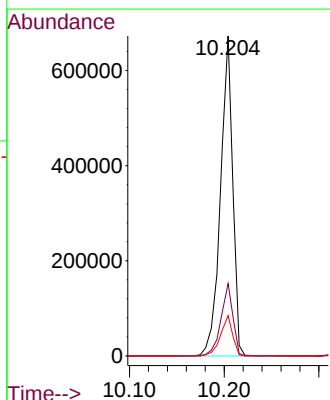
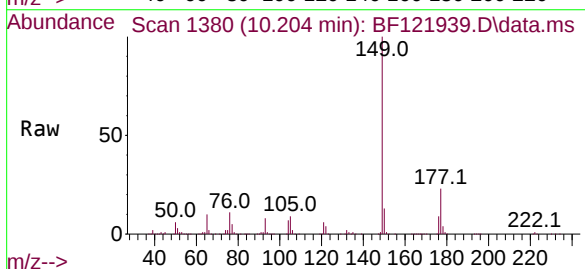
Ion	Ratio	Lower	Upper
232	100		
131	42.9	35.9	53.9
130	2.1	1.8	2.6
166	28.8	23.5	35.3

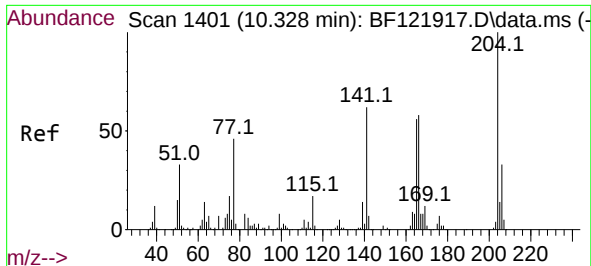


#60
Diethylphthalate
Concen: 39.32 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:149 Resp: 606152

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.6	10.3	15.5

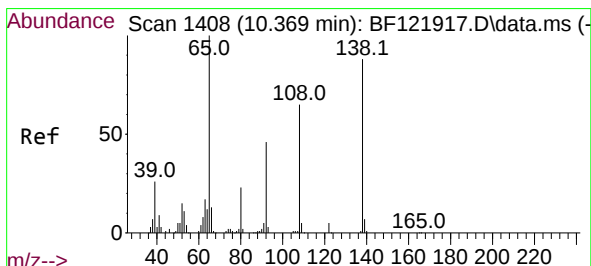
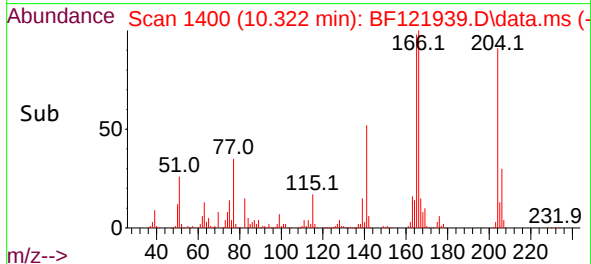
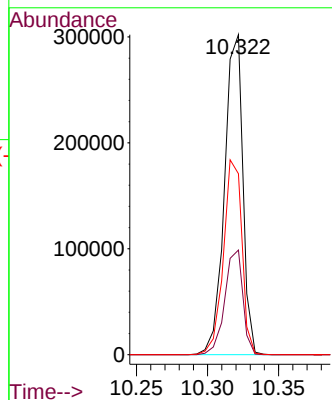
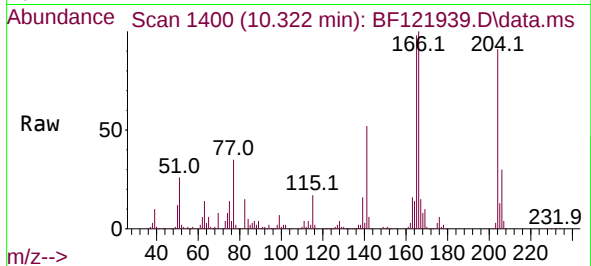




#61
4-Chlorophenyl-phenylether
Concen: 38.00 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

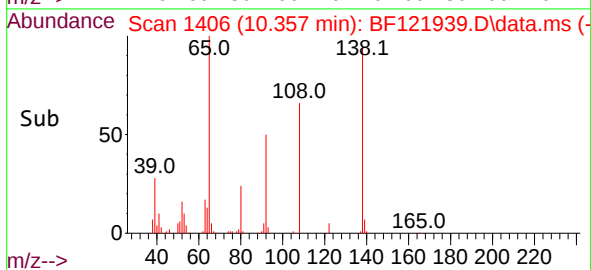
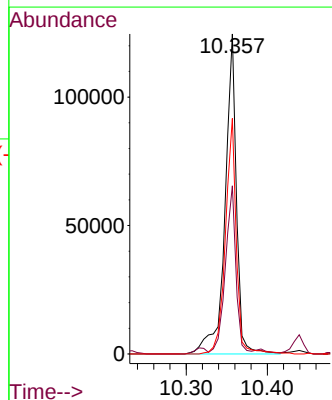
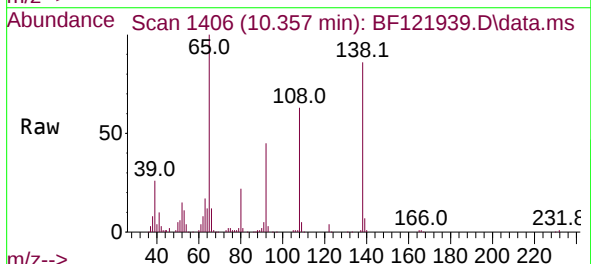
Instrument :
BNA_F
ClientSampleId :
HD-4MS

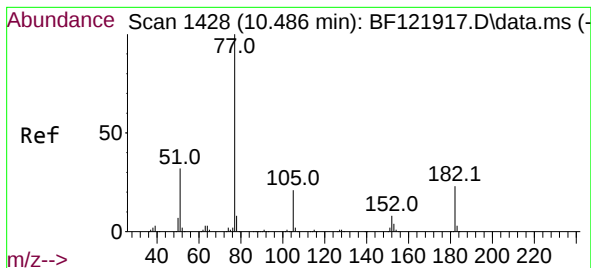
Tgt Ion:204 Resp: 271235
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 56.6 46.2 69.4



#62
4-Nitroaniline
Concen: 30.88 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:138 Resp: 123055
Ion Ratio Lower Upper
138 100
92 52.6 31.0 71.0
108 73.6 51.5 91.5



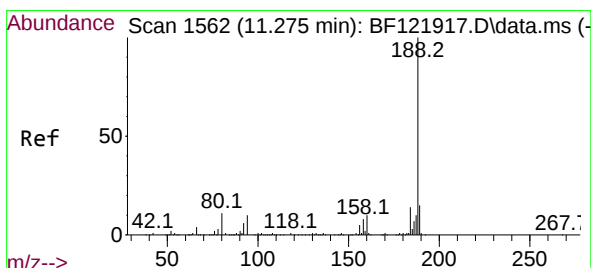
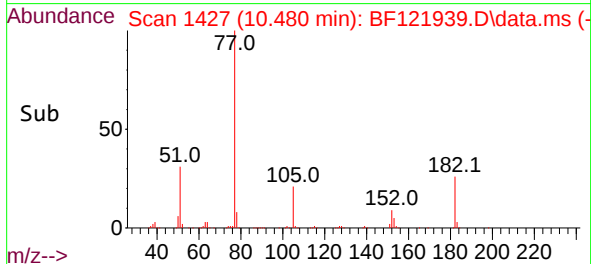
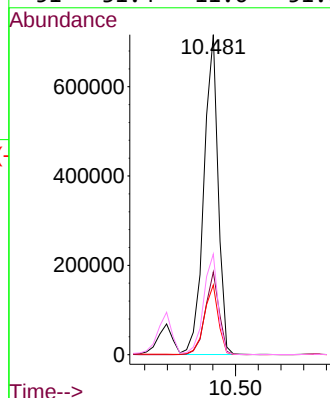
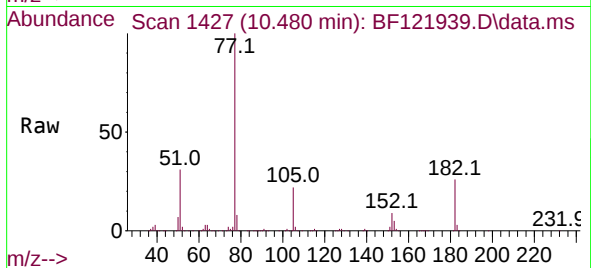


#63
Azobenzene
Concen: 38.23 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Instrument :
BNA_F
ClientSampleId :
HD-4MS

Tgt Ion: 77 Resp: 623255

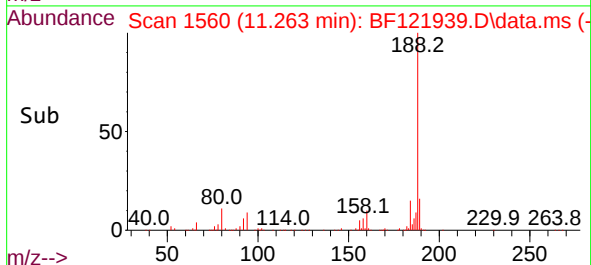
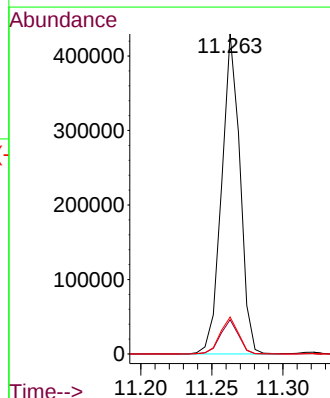
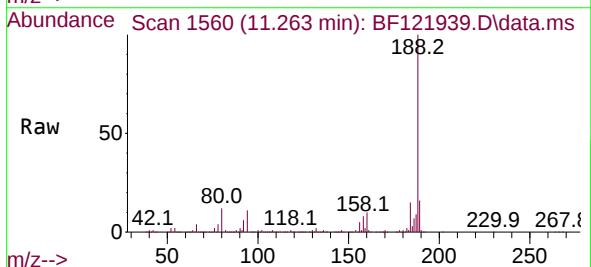
Ion	Ratio	Lower	Upper
77	100		
182	25.9	3.4	43.4
105	21.8	1.7	41.7
51	31.4	11.6	51.6

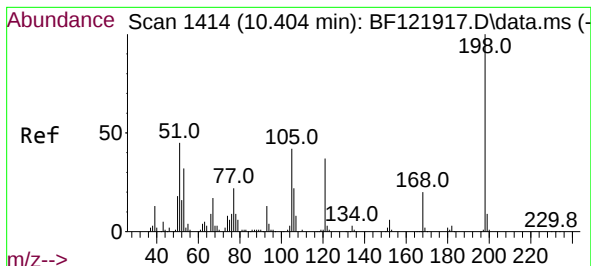


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion: 188 Resp: 385085

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.6	9.1	13.7

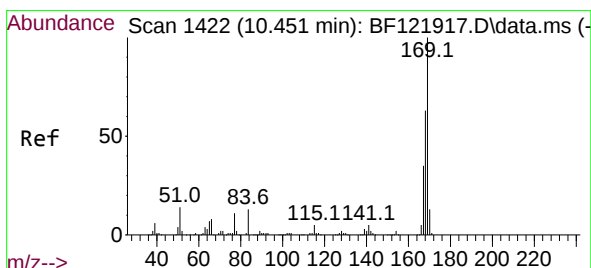
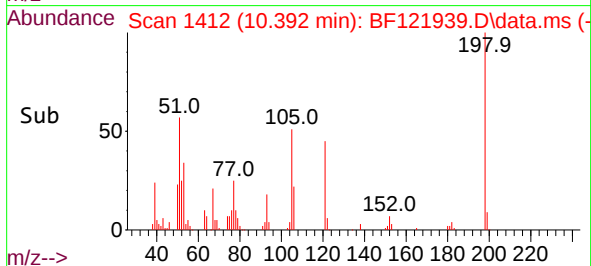
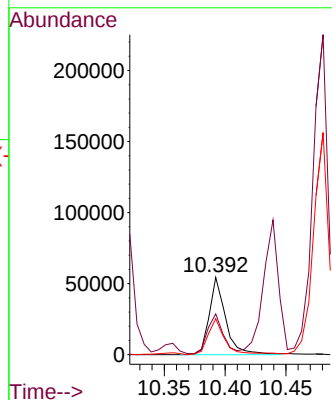
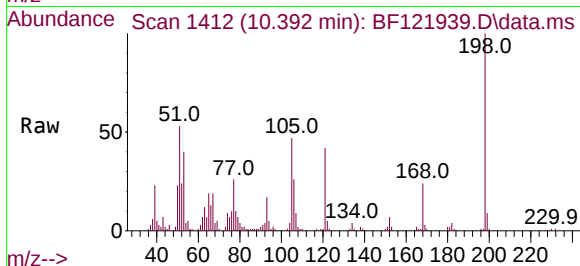




#65
4,6-Dinitro-2-methylphenol
Concen: 22.29 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

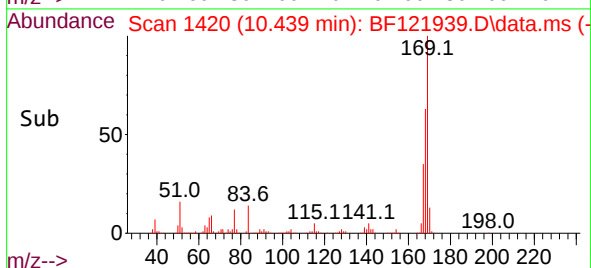
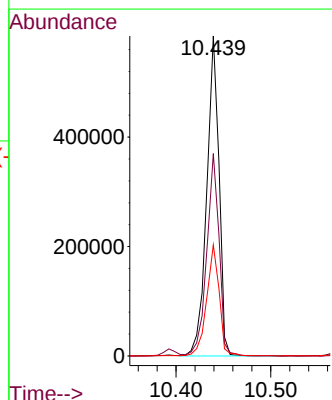
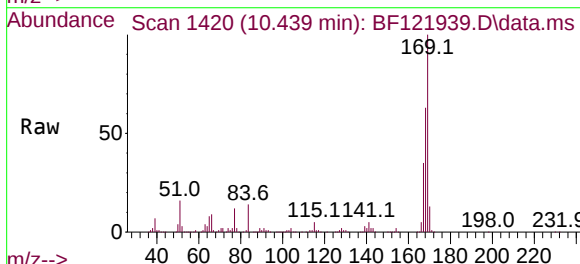
Instrument :
BNA_F
ClientSampleId :
HD-4MS

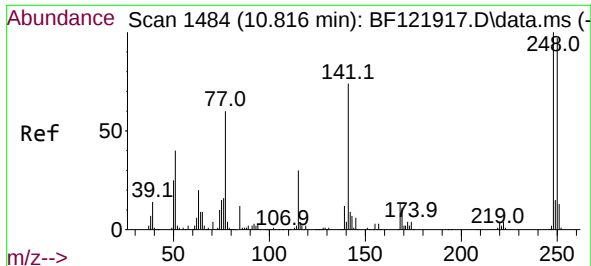
Tgt Ion:198 Resp: 50774
Ion Ratio Lower Upper
198 100
51 52.8 29.6 69.6
105 46.7 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 39.57 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:169 Resp: 524881
Ion Ratio Lower Upper
169 100
168 63.2 50.0 75.0
167 34.7 27.8 41.6

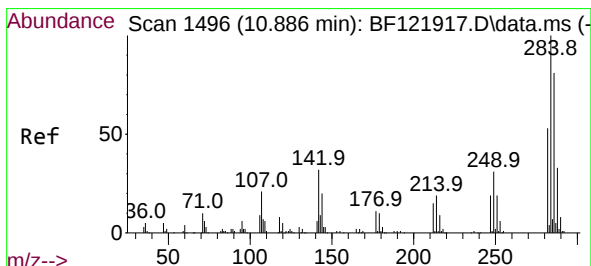
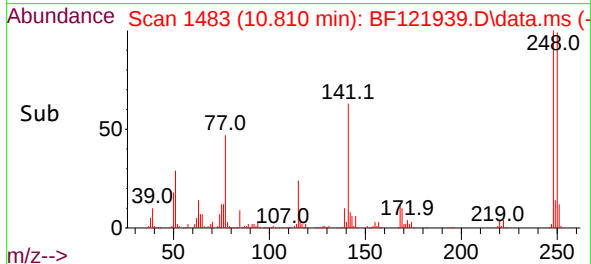
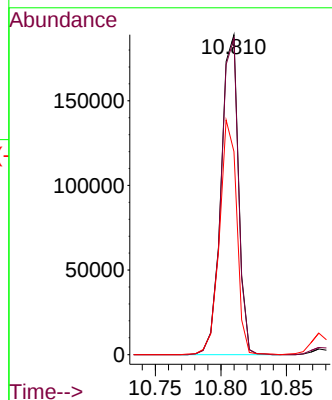
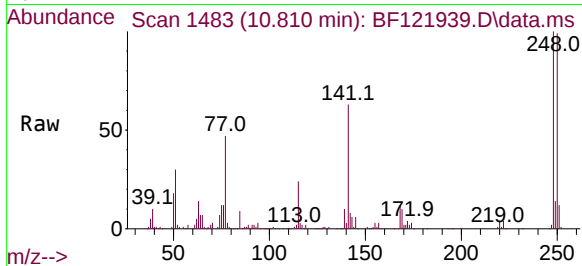




#67
4-Bromophenyl-phenylether
Concen: 39.04 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

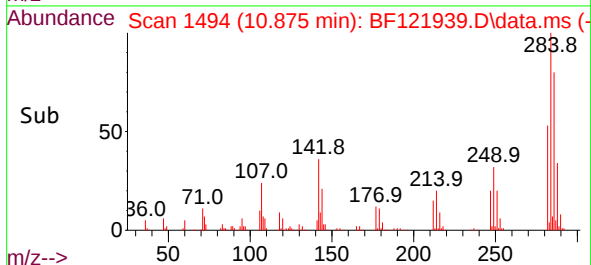
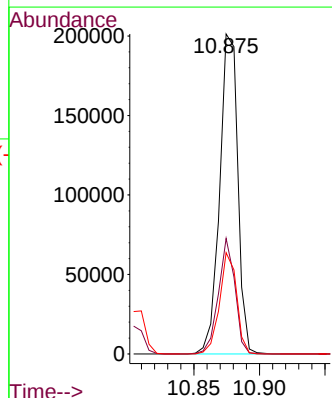
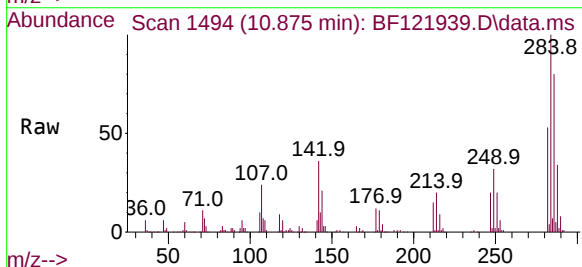
Instrument :
BNA_F
ClientSampleId :
HD-4MS

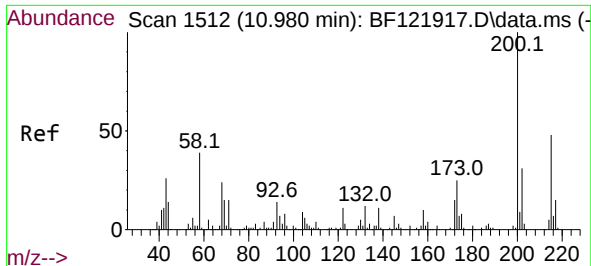
Tgt Ion:248 Resp: 173708
Ion Ratio Lower Upper
248 100
250 98.8 77.0 115.6
141 63.5 53.7 80.5



#68
Hexachlorobenzene
Concen: 38.39 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:284 Resp: 193329
Ion Ratio Lower Upper
284 100
142 36.1 27.4 41.2
249 31.7 24.2 36.4

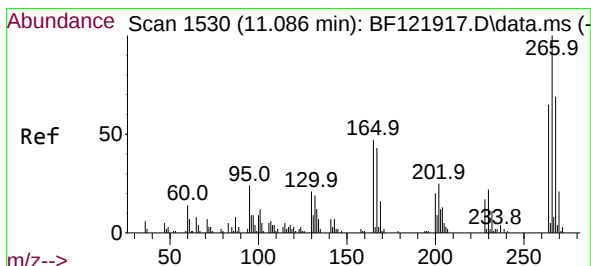
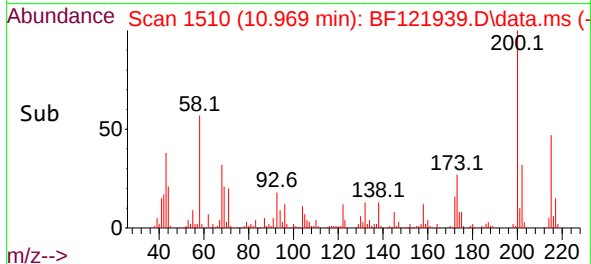
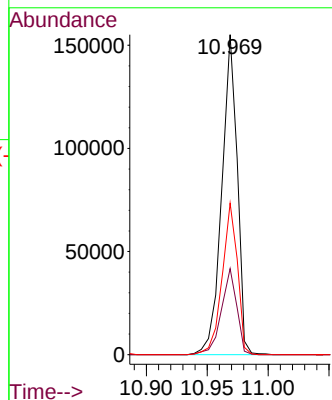
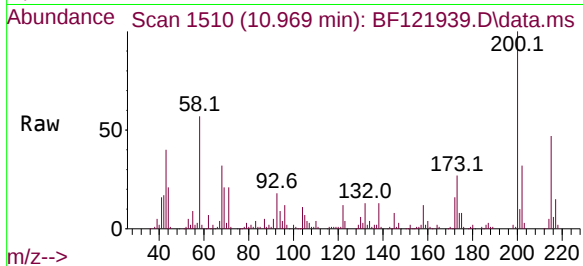




#69
Atrazine
Concen: 42.28 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

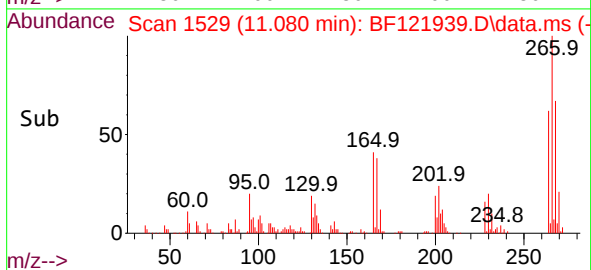
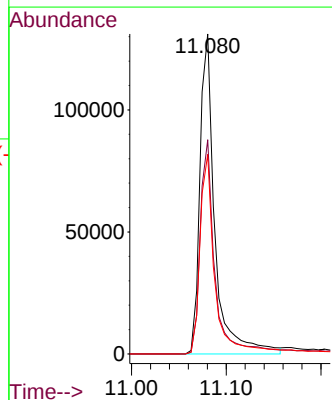
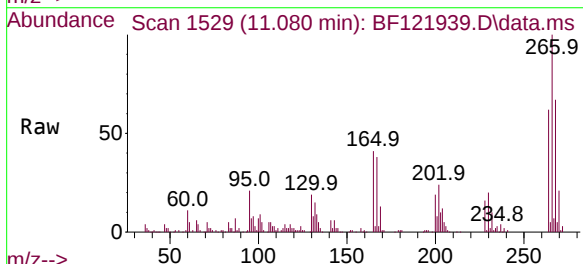
Instrument :
BNA_F
ClientSampleId :
HD-4MS

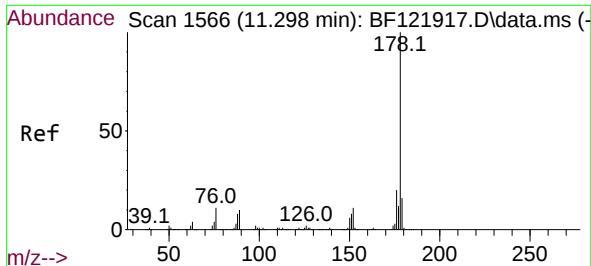
Tgt Ion:200 Resp: 137125
Ion Ratio Lower Upper
200 100
173 26.9 7.5 47.5
215 47.3 27.1 67.1



#70
Pentachlorophenol
Concen: 73.45 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:266 Resp: 143991
Ion Ratio Lower Upper
266 100
268 67.0 52.4 78.6
264 62.3 49.9 74.9

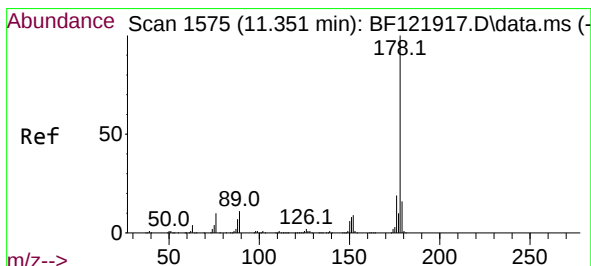
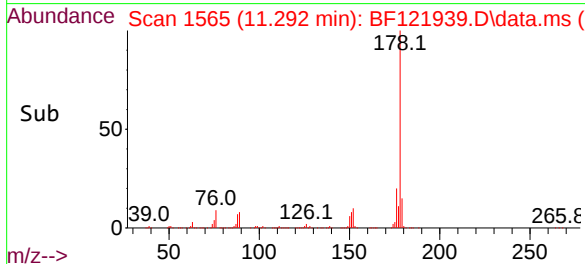
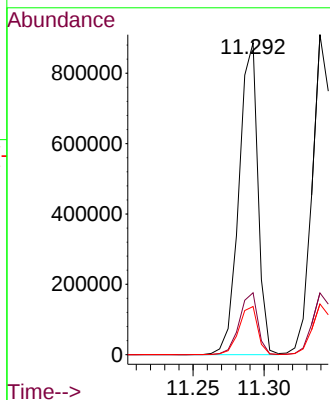
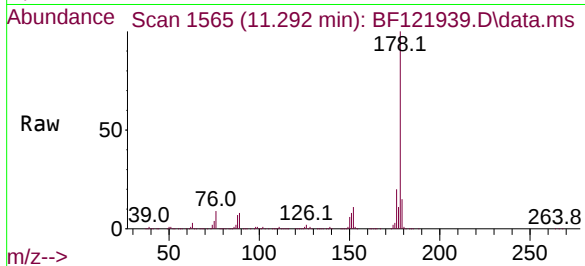




#71
Phenanthrene
Concen: 39.17 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

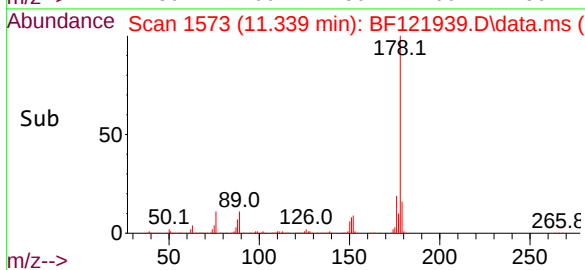
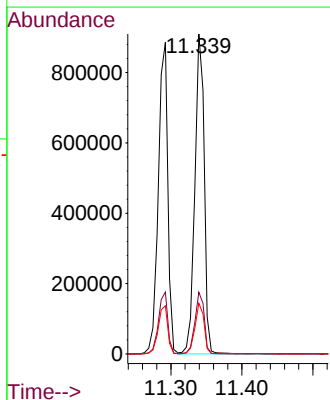
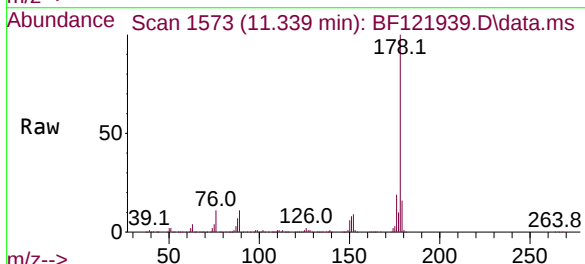
Instrument :
BNA_F
ClientSampleId :
HD-4MS

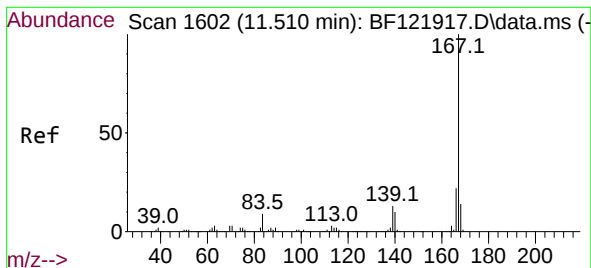
Tgt Ion:178 Resp: 827073
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.4 12.2 18.4



#72
Anthracene
Concen: 38.16 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:178 Resp: 835774
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.9 12.7 19.1

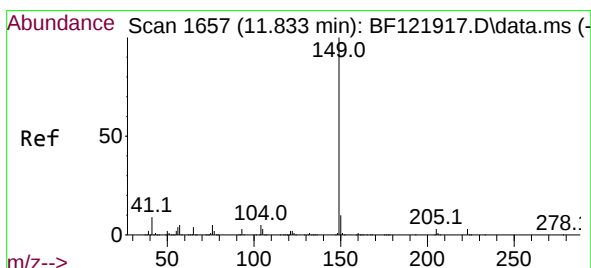
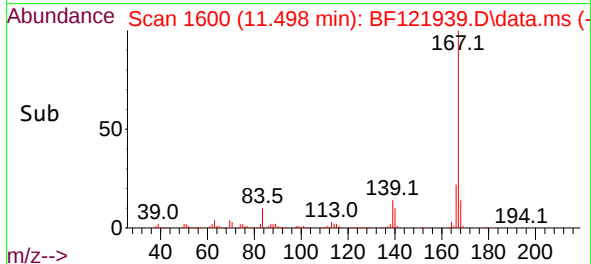
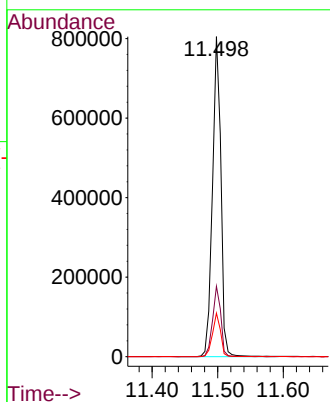
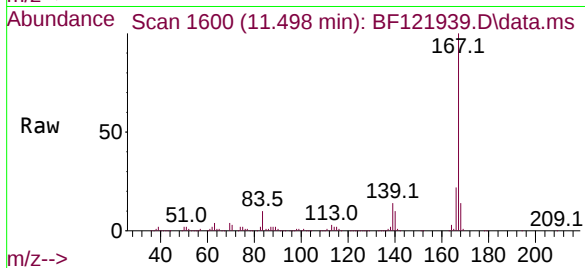




#73
 Carbazole
 Concen: 36.95 ng
 RT: 11.498 min Scan# 1600
 Delta R.T. -0.012 min
 Lab File: BF121939.D
 Acq: 13 Oct 2020 15:39

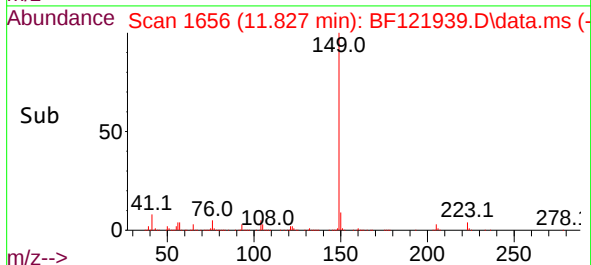
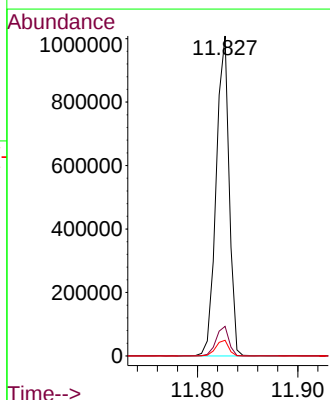
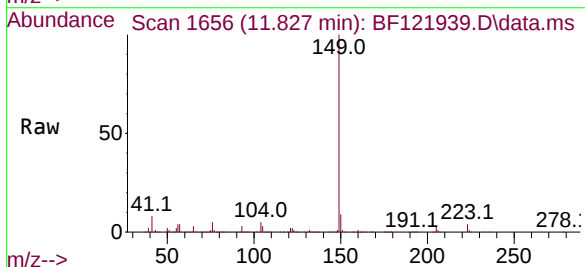
Instrument :
 BNA_F
 ClientSampleId :
 HD-4MS

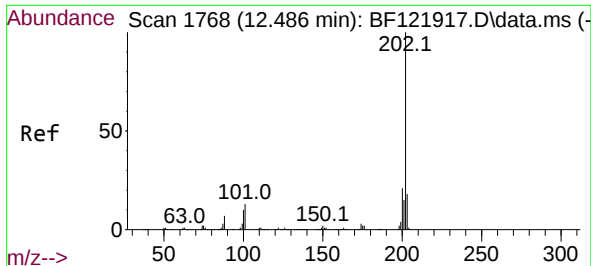
Tgt Ion:167 Resp: 719509
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.27 ng
 RT: 11.827 min Scan# 1656
 Delta R.T. -0.006 min
 Lab File: BF121939.D
 Acq: 13 Oct 2020 15:39

Tgt Ion:149 Resp: 902151
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.9 4.2 6.2

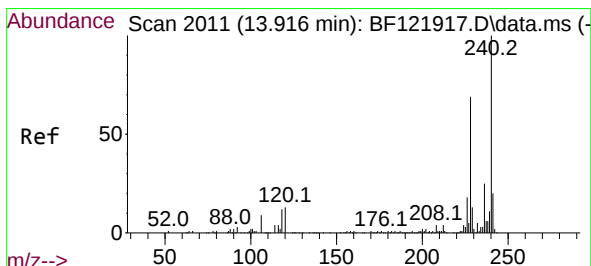
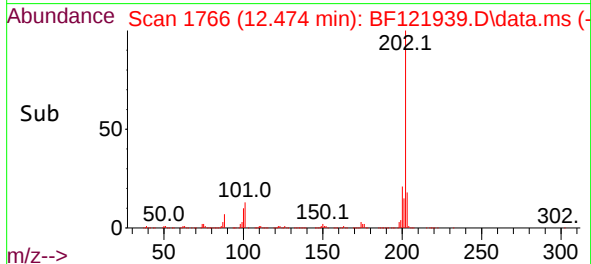
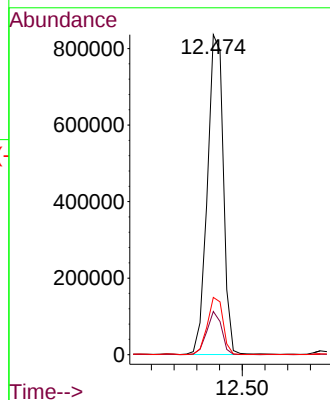
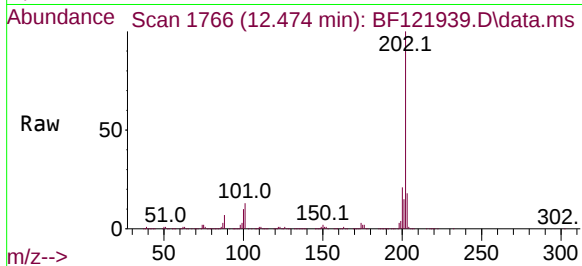




#75
Fluoranthene
Concen: 35.82 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

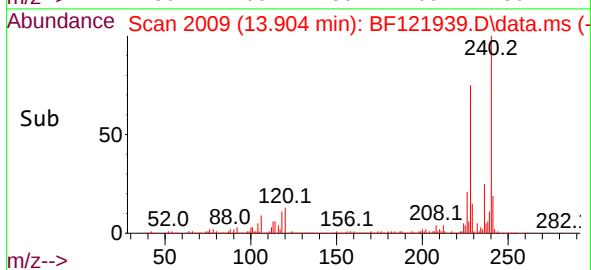
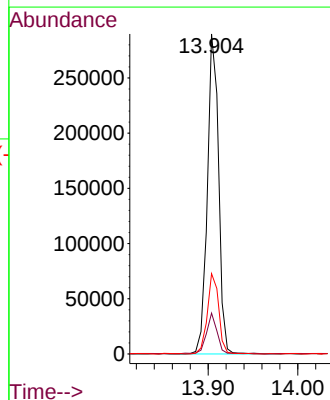
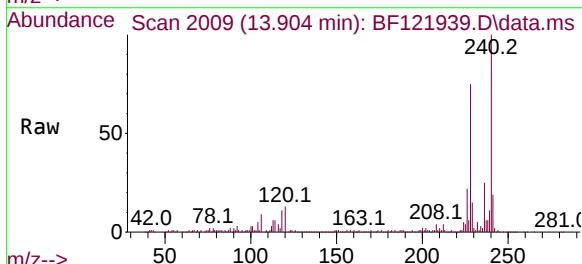
Instrument :
BNA_F
ClientSampleId :
HD-4MS

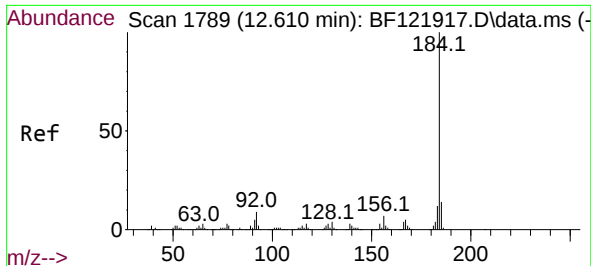
Tgt Ion:202 Resp: 810881
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.4
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:240 Resp: 252378
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.1 20.9 31.3

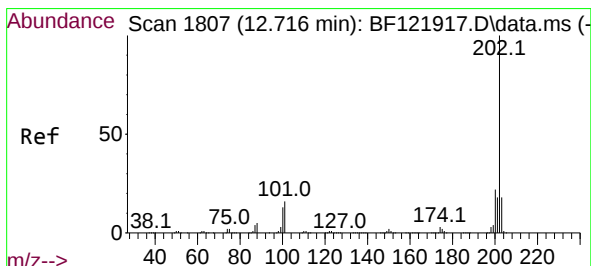
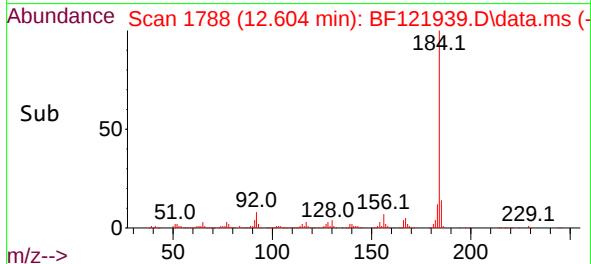
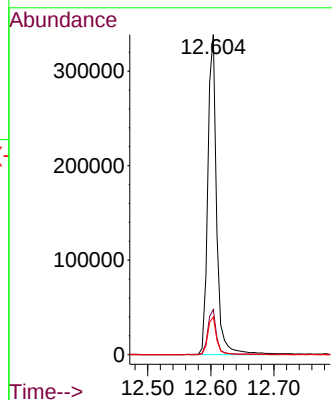
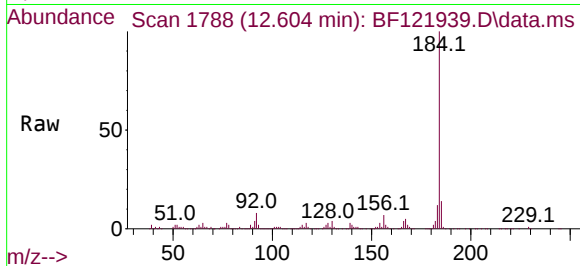




#77
Benzidine
Concen: 42.45 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

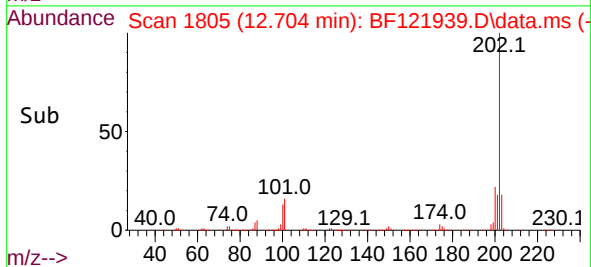
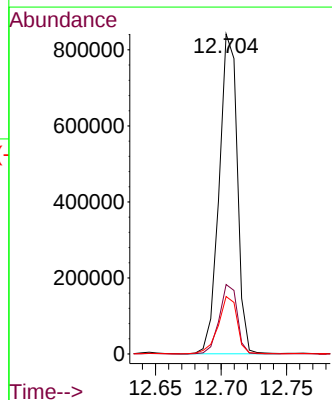
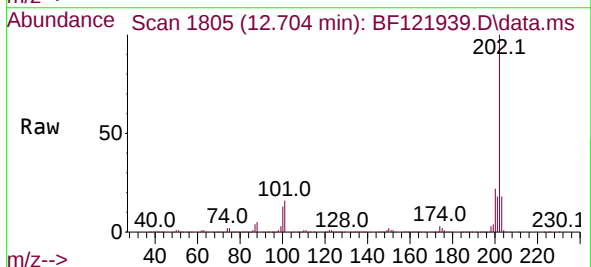
Instrument :
BNA_F
ClientSampleId :
HD-4MS

Tgt Ion:184 Resp: 330257
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.8 9.4 14.0



#78
Pyrene
Concen: 41.99 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:202 Resp: 807579
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.0 14.6 21.8



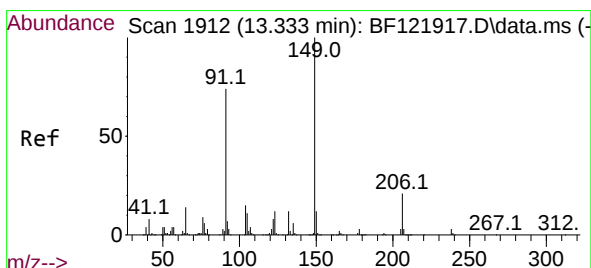
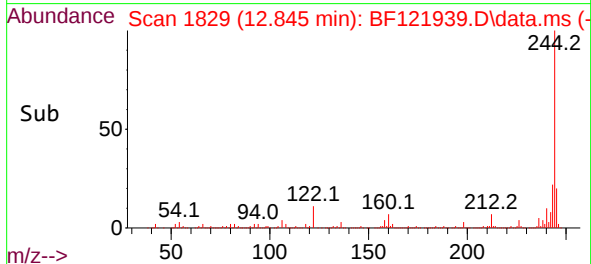
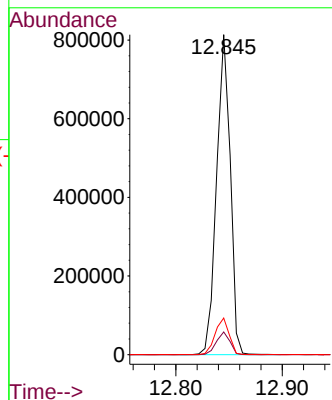
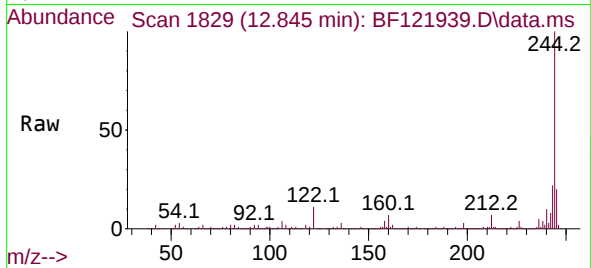


#79
 Terphenyl-d14
 Concen: 54.56 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.018 min
 Lab File: BF121939.D
 Acq: 13 Oct 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-4MS

Tgt Ion:244 Resp: 722541

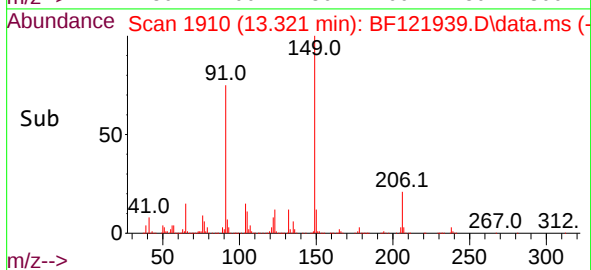
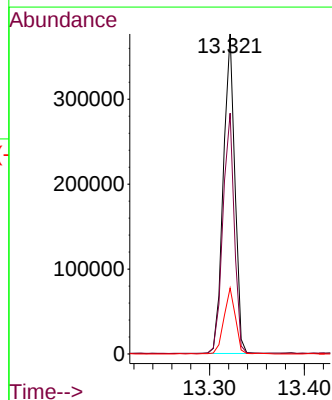
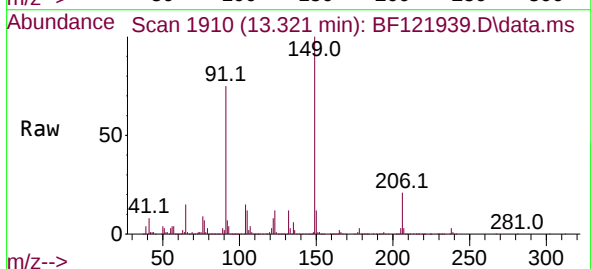
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	11.5	8.1	12.1

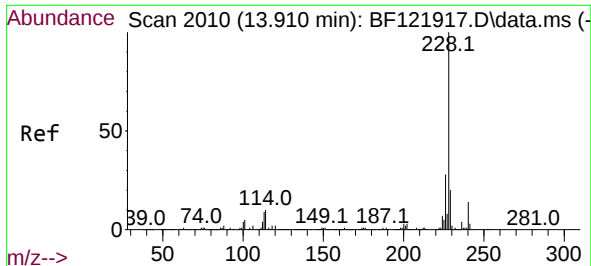


#80
 Butylbenzylphthalate
 Concen: 41.89 ng
 RT: 13.321 min Scan# 1910
 Delta R.T. -0.012 min
 Lab File: BF121939.D
 Acq: 13 Oct 2020 15:39

Tgt Ion:149 Resp: 319484

Ion	Ratio	Lower	Upper
149	100		
91	75.3	61.0	91.4
206	20.6	16.7	25.1

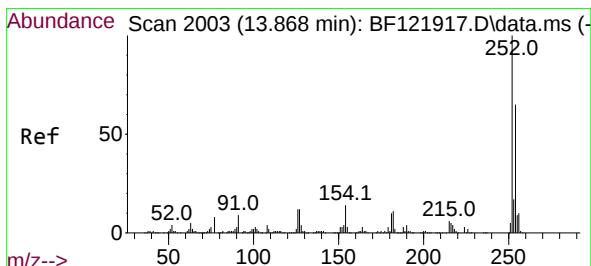
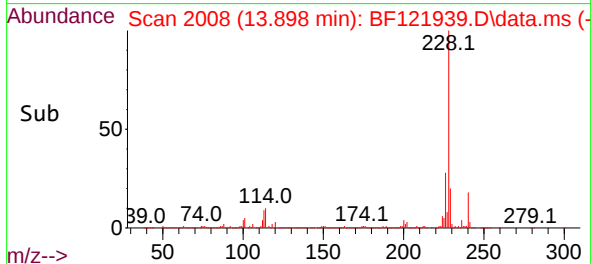
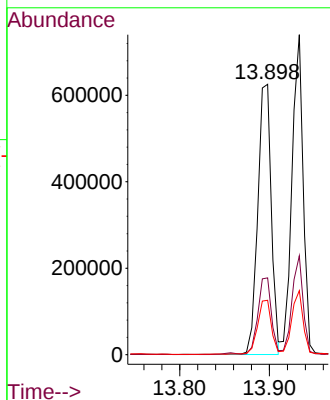
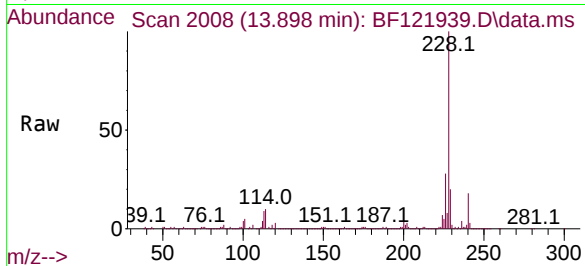




#81
Benzo(a)anthracene
Concen: 39.53 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

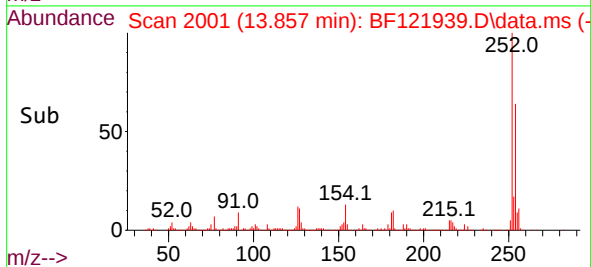
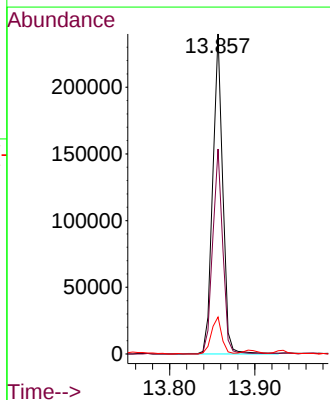
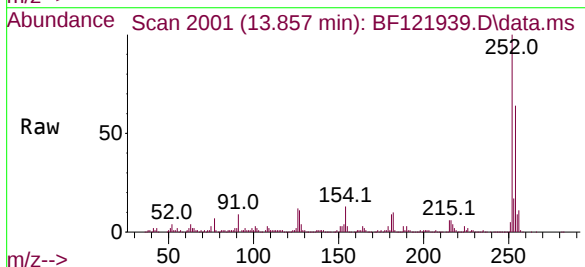
Instrument :
BNA_F
ClientSampleId :
HD-4MS

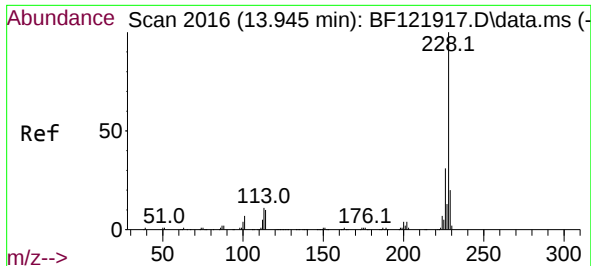
Tgt Ion:228 Resp: 653743
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.1 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 32.09 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:252 Resp: 196881
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.6
126 11.5 8.8 13.2

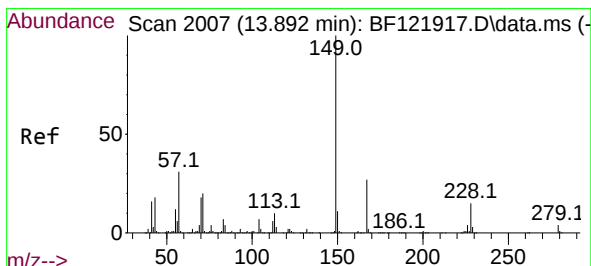
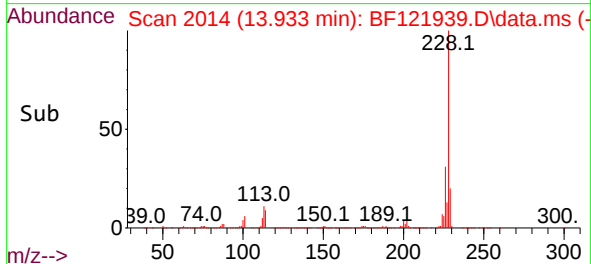
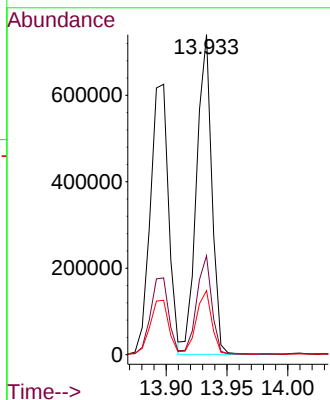
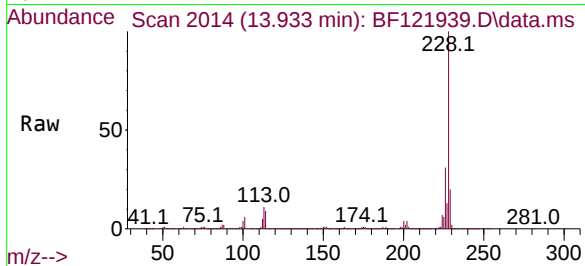




#83
Chrysene
Concen: 39.53 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

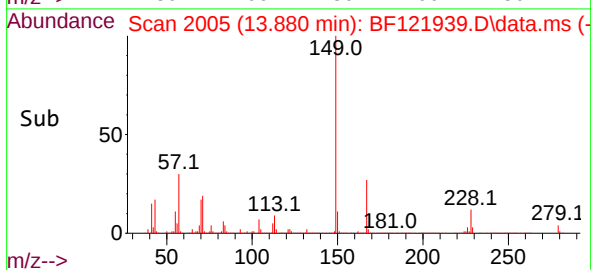
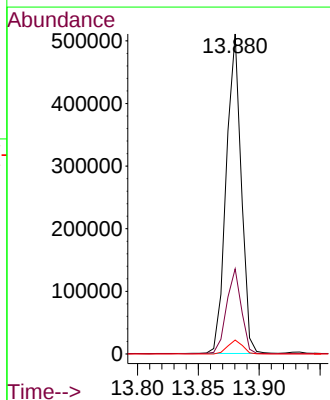
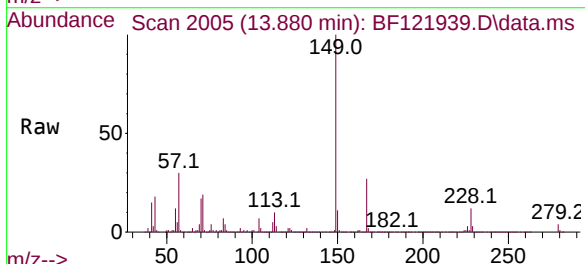
Instrument :
BNA_F
ClientSampleId :
HD-4MS

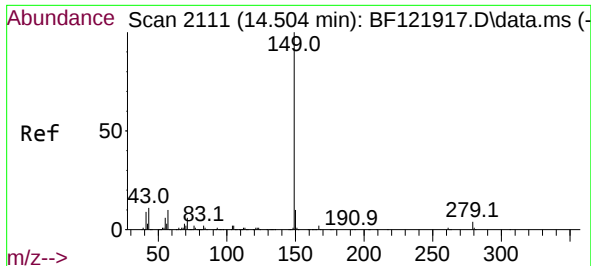
Tgt Ion:228 Resp: 641816
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.0 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.13 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:149 Resp: 436196
Ion Ratio Lower Upper
149 100
167 26.6 20.9 31.3
279 4.3 3.2 4.8

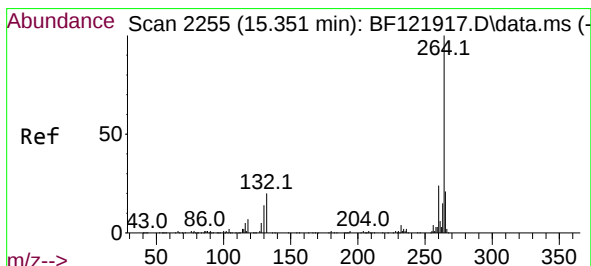
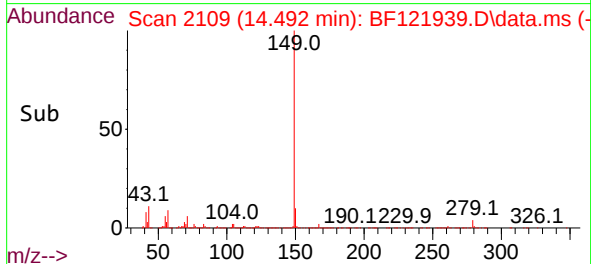
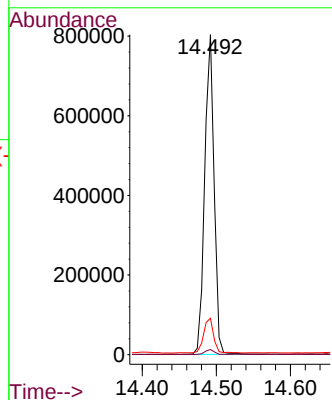
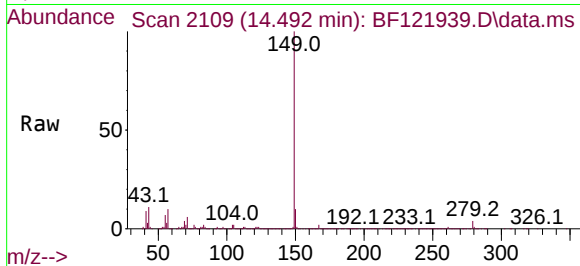




#85
Di-n-octyl phthalate
Concen: 42.17 ng
RT: 14.492 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

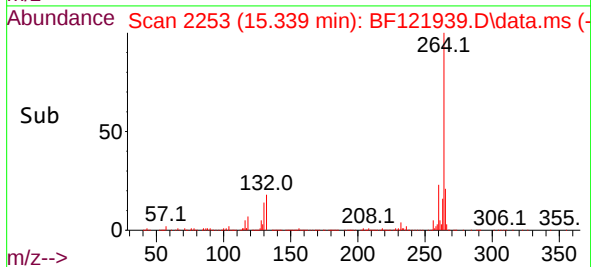
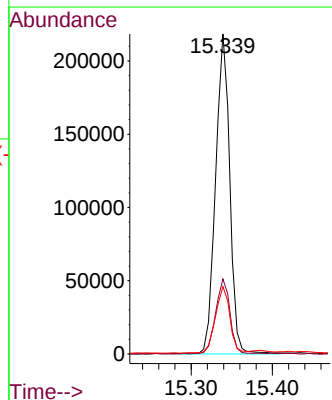
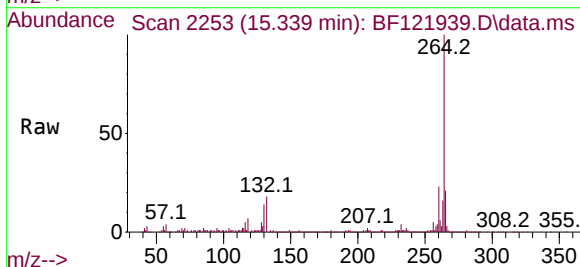
Instrument :
BNA_F
ClientSampleId :
HD-4MS

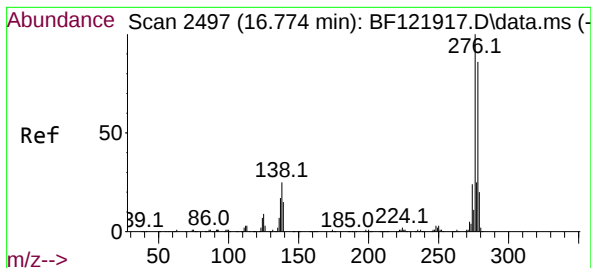
Tgt Ion:149 Resp: 706318
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:264 Resp: 264904
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.99 ng

RT: 16.762 min Scan# 2495

Delta R.T. -0.012 min

Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

Tgt Ion:276 Resp: 790983

Ion Ratio Lower Upper

276 100

138 23.9 19.9 29.9

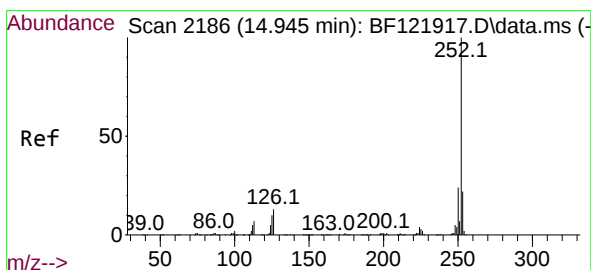
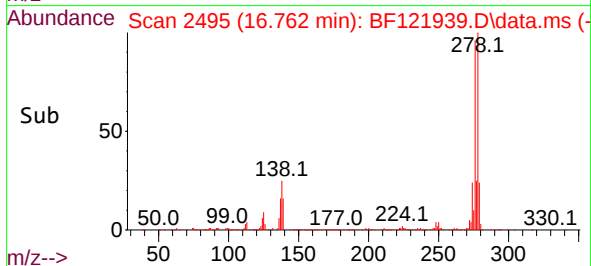
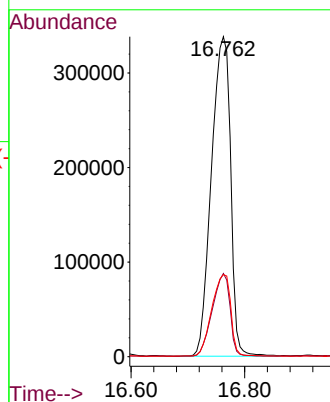
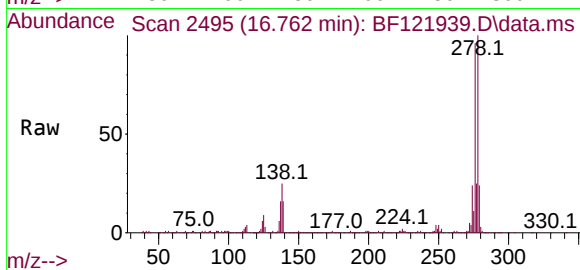
277 25.3 20.4 30.6

Instrument :

BNA_F

ClientSampleId :

HD-4MS



#88

Benzo(b)fluoranthene

Concen: 40.11 ng

RT: 14.927 min Scan# 2183

Delta R.T. -0.018 min

Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

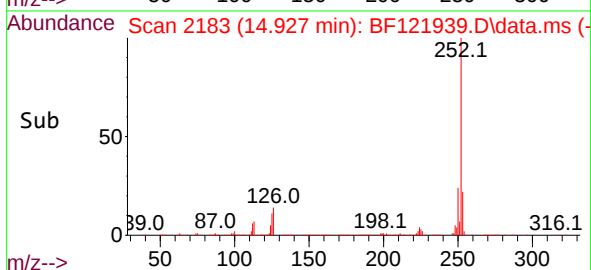
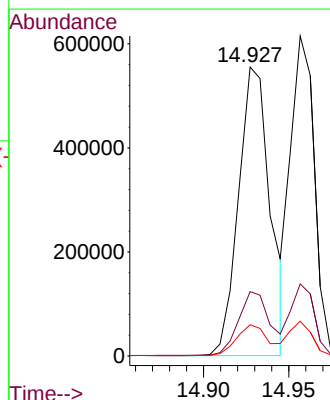
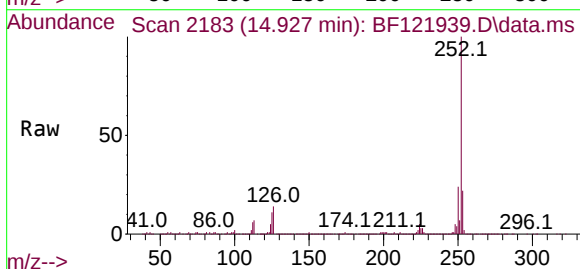
Tgt Ion:252 Resp: 718228

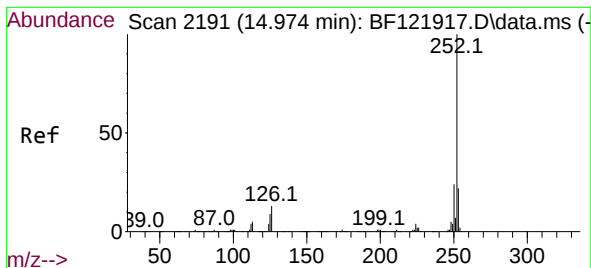
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 10.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 35.13 ng

RT: 14.957 min Scan# 2188

Delta R.T. -0.018 min

Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

Tgt Ion:252 Resp: 597557

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

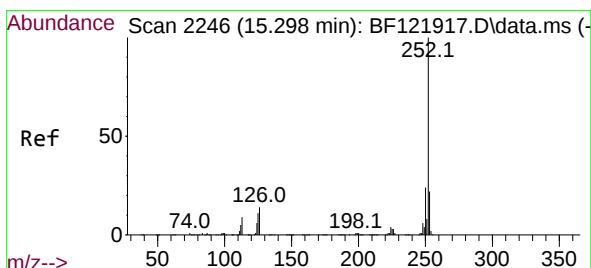
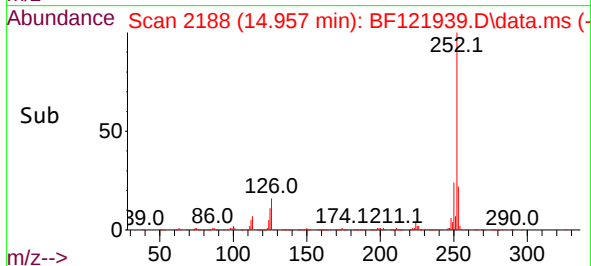
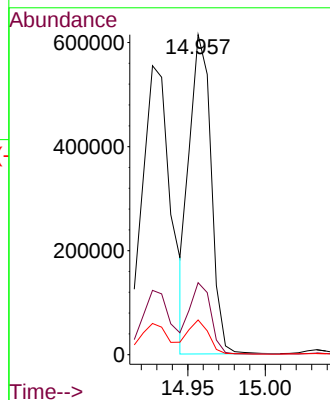
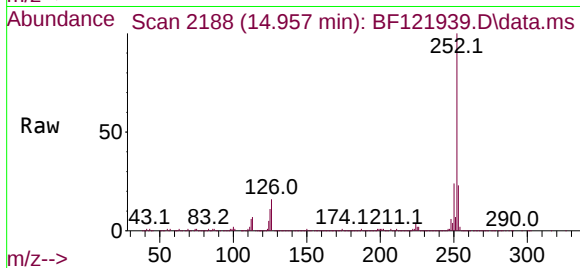
125 10.8 7.7 11.5

Instrument :

BNA_F

ClientSampleId :

HD-4MS



#90

Benzo(a)pyrene

Concen: 40.33 ng

RT: 15.280 min Scan# 2243

Delta R.T. -0.018 min

Lab File: BF121939.D

Acq: 13 Oct 2020 15:39

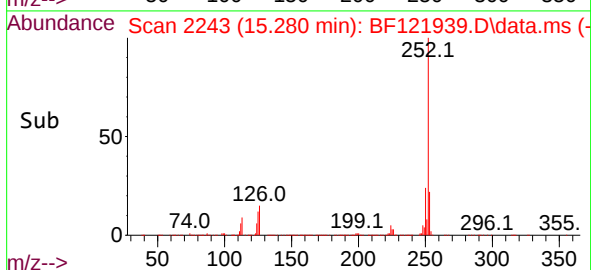
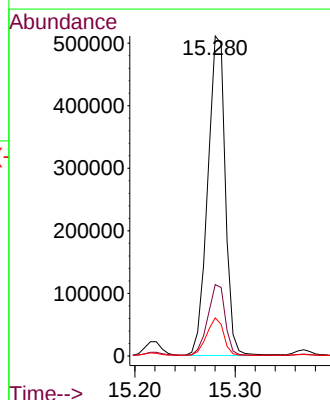
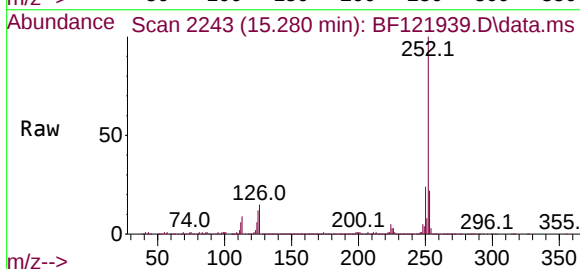
Tgt Ion:252 Resp: 623707

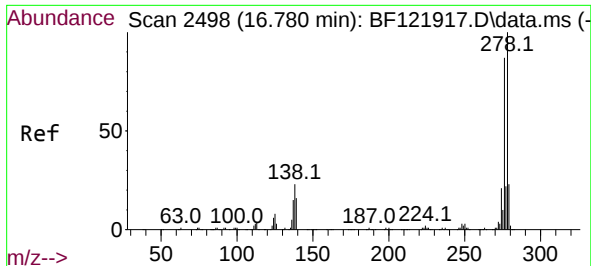
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 11.9 8.6 13.0

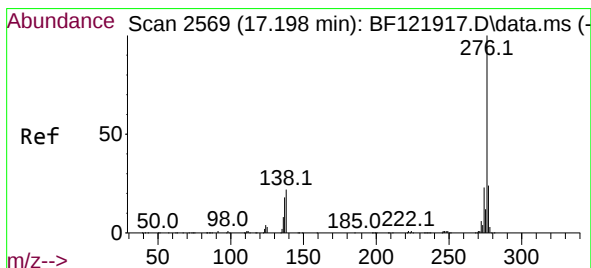
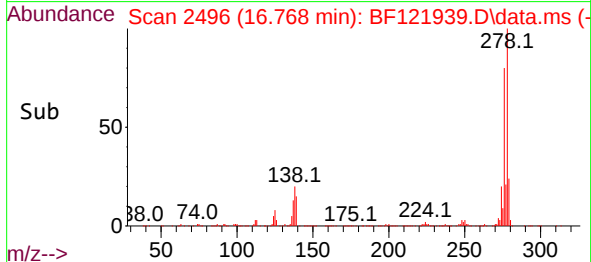
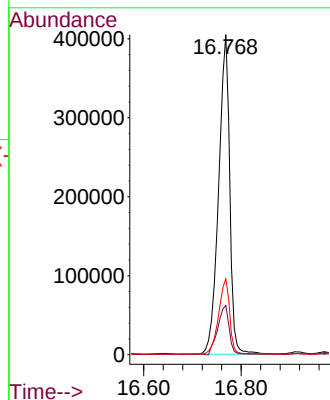
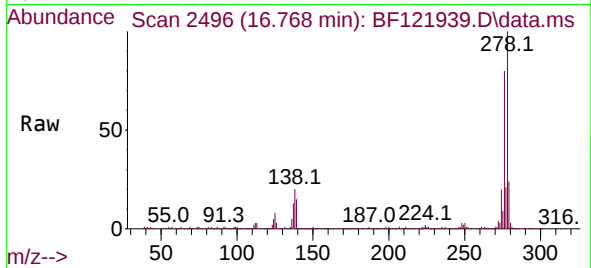




#91
Dibenzo(a,h)anthracene
Concen: 45.22 ng
RT: 16.768 min Scan# 2496
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Instrument :
BNA_F
ClientSampleId :
HD-4MS

Tgt Ion:	278	Resp:	640403
Ion Ratio	Lower	Upper	
278	100		
139	15.4	13.0	19.4
279	23.7	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 46.94 ng
RT: 17.186 min Scan# 2567
Delta R.T. -0.012 min
Lab File: BF121939.D
Acq: 13 Oct 2020 15:39

Tgt Ion:	276	Resp:	665325
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.4	29.2
138	20.5	17.8	26.6

