

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121940.D
 Acq On : 13 Oct 2020 16:10
 Operator : JU/CG
 Sample : L4369-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-4MSD

Quant Time: Oct 13 16:44:57 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	115001	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	437040	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	216374	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	374056	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	256026	20.00	ng	-0.01
86) Perylene-d12	15.339	264	268269	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	604655	77.60	ng	0.00
7) Phenol-d6	6.392	99	759409	75.71	ng	0.00
23) Nitrobenzene-d5	7.310	82	521204	61.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	199747	74.63	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	875298	59.52	ng	0.00
79) Terphenyl-d14	12.845	244	712452	53.03	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	125099	36.50	ng	99
3) Pyridine	3.228	79	364116	40.41	ng	98
4) n-Nitrosodimethylamine	3.181	42	172709	39.66	ng	98
6) Aniline	6.410	93	241611	19.56	ng	# 35
8) 2-Chlorophenol	6.534	128	317080	40.26	ng	96
9) Benzaldehyde	6.292	77	177158	29.22	ng	98
10) Phenol	6.404	94	399730	38.62	ng	98
11) bis(2-Chloroethyl)ether	6.481	93	316947	39.61	ng	99
12) 1,3-Dichlorobenzene	6.686	146	337963	38.15	ng	96
13) 1,4-Dichlorobenzene	6.763	146	344266	38.71	ng	98
14) 1,2-Dichlorobenzene	6.910	146	326820	40.20	ng	98
15) Benzyl Alcohol	6.898	79	276556	42.63	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	481305	39.08	ng	76
17) 2-Methylphenol	7.010	107	254133	37.74	ng	94
18) Hexachloroethane	7.251	117	125543	39.08	ng	100
19) n-Nitroso-di-n-propyla...	7.163	70	221932	38.86	ng	99
20) 3+4-Methylphenols	7.169	107	321687	39.62	ng	# 67
22) Acetophenone	7.157	105	423638	37.67	ng	# 92
24) Nitrobenzene	7.333	77	348490	38.26	ng	97
25) Isophorone	7.575	82	605821	37.60	ng	98
26) 2-Nitrophenol	7.645	139	164749	39.27	ng	94
27) 2,4-Dimethylphenol	7.692	122	272185	38.06	ng	99
28) bis(2-Chloroethoxy)met...	7.781	93	383555	38.04	ng	100
29) 2,4-Dichlorophenol	7.898	162	256455	38.30	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	270368	37.97	ng	99
31) Naphthalene	8.051	128	890162	38.02	ng	99
32) Benzoic acid	7.845	122	152984	39.12	ng	99
33) 4-Chloroaniline	8.104	127	142430	14.28	ng	99
34) Hexachlorobutadiene	8.163	225	162985	38.60	ng	98
35) Caprolactam	8.480	113	60285	28.35	ng	97
36) 4-Chloro-3-methylphenol	8.598	107	274534	38.17	ng	100
37) 2-Methylnaphthalene	8.739	142	572168	37.73	ng	98
38) 1-Methylnaphthalene	8.839	142	526716	37.51	ng	100
40) 1,2,4,5-Tetrachloroben...	8.910	216	271643	38.90	ng	99
41) Hexachlorocyclopentadiene	8.892	237	88340	52.02	ng	99
43) 2,4,6-Trichlorophenol	9.027	196	172382	40.01	ng	98

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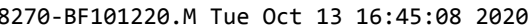
Instrument :
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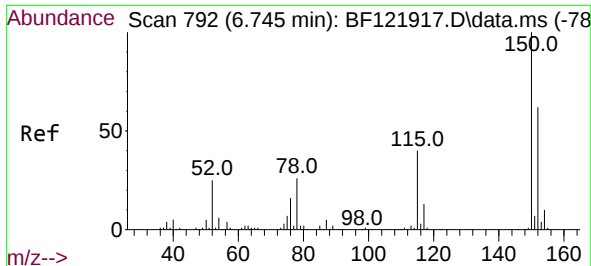
Quant Time: Oct 13 16:44:57 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	181934	39.10	ng	98
46) 1,1'-Biphenyl	9.204	154	680032	38.65	ng	99
47) 2-Chloronaphthalene	9.227	162	532001	38.88	ng	99
48) 2-Nitroaniline	9.333	65	179928	39.87	ng	97
49) Acenaphthylene	9.645	152	826716	39.34	ng	99
50) Dimethylphthalate	9.510	163	701079	44.31	ng	100
51) 2,6-Dinitrotoluene	9.575	165	137337	39.57	ng	92
52) Acenaphthene	9.816	154	481539	38.52	ng	99
53) 3-Nitroaniline	9.739	138	80883	20.49	ng	99
54) 2,4-Dinitrophenol	9.863	184	48270	32.98	ng	97
55) Dibenzofuran	9.986	168	698013	38.19	ng	100
56) 4-Nitrophenol	9.922	139	164046	76.40	ng	# 82
57) 2,4-Dinitrotoluene	9.980	165	166507	38.97	ng	# 89
58) Fluorene	10.327	166	563224	38.24	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	140154	38.93	ng	99
60) Diethylphthalate	10.204	149	601982	39.46	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	268122	37.96	ng	94
62) 4-Nitroaniline	10.357	138	121630	30.84	ng	98
63) Azobenzene	10.480	77	614090	38.06	ng	98
65) 4,6-Dinitro-2-methylph...	10.392	198	44472	20.54	ng	98
66) n-Nitrosodiphenylamine	10.439	169	515109	39.98	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	172067	39.82	ng	96
68) Hexachlorobenzene	10.874	284	188642	38.57	ng	97
69) Atrazine	10.969	200	132275	41.98	ng	99
70) Pentachlorophenol	11.080	266	139454	73.25	ng	99
71) Phenanthrene	11.286	178	802818	39.14	ng	99
72) Anthracene	11.339	178	816715	38.39	ng	99
73) Carbazole	11.498	167	707737	37.42	ng	99
74) Di-n-butylphthalate	11.827	149	871637	40.06	ng	99
75) Fluoranthene	12.474	202	788719	35.86	ng	100
77) Benzidine	12.604	184	367700	46.58	ng	99
78) Pyrene	12.704	202	797431	40.87	ng	100
80) Butylbenzylphthalate	13.321	149	324519	41.94	ng	96
81) Benzo(a)anthracene	13.898	228	674134	40.18	ng	99
82) 3,3'-Dichlorobenzidine	13.857	252	202590	32.55	ng	99
83) Chrysene	13.933	228	639550	38.83	ng	100
84) Bis(2-ethylhexyl)phtha...	13.880	149	431442	41.07	ng	99
85) Di-n-octyl phthalate	14.492	149	714093	42.03	ng	100
87) Indeno(1,2,3-cd)pyrene	16.762	276	768983	44.15	ng	99
88) Benzo(b)fluoranthene	14.933	252	721763	39.80	ng	99
89) Benzo(k)fluoranthene	14.957	252	616213	35.77	ng	99
90) Benzo(a)pyrene	15.286	252	634295	40.50	ng	99
91) Dibenzo(a,h)anthracene	16.768	278	626495	43.68	ng	99
92) Benzo(g,h,i)perylene	17.186	276	640286	44.61	ng	97

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

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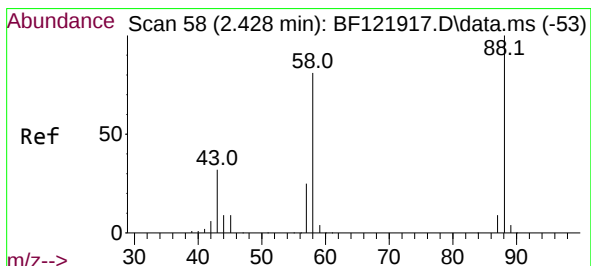
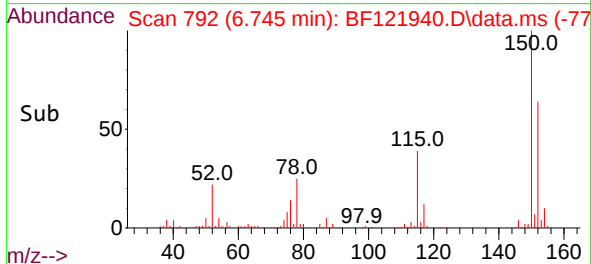
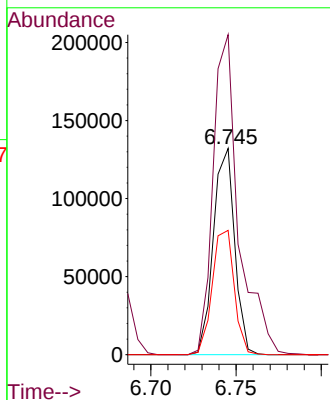
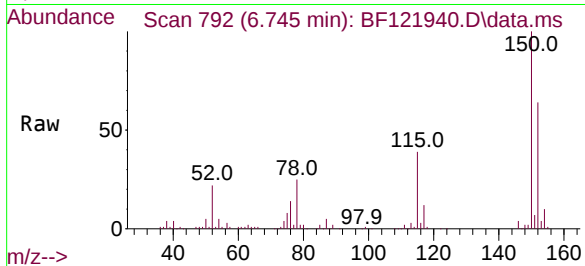




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

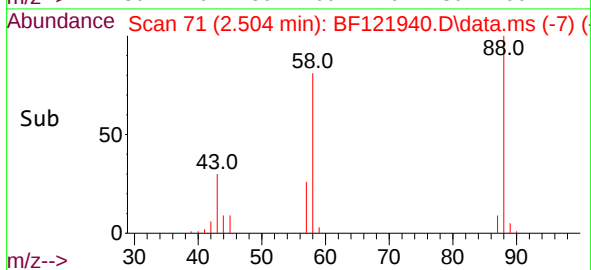
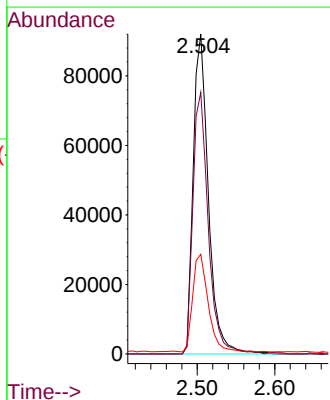
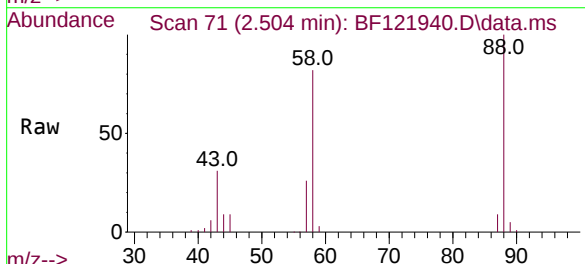
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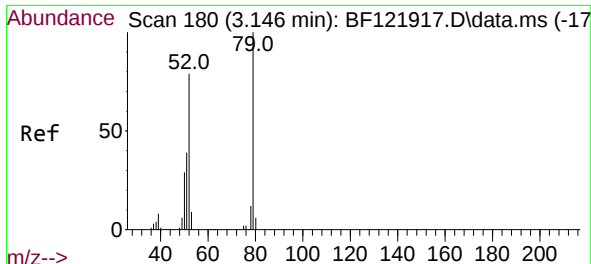
Tgt Ion:152 Resp: 115001
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 60.3 51.9 77.9



#2
1,4-Dioxane
Concen: 36.50 ng
RT: 2.504 min Scan# 71
Delta R.T. 0.076 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

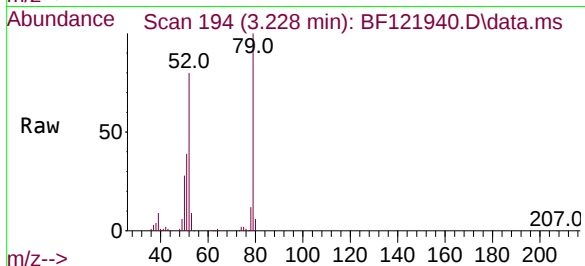
Tgt Ion: 88 Resp: 125099
Ion Ratio Lower Upper
88 100
58 83.0 65.8 98.8
43 31.3 25.8 38.8



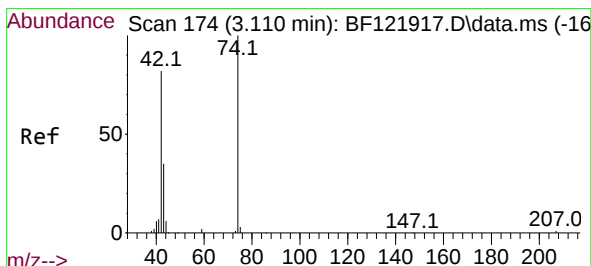
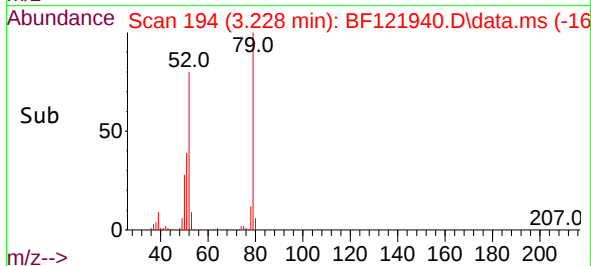
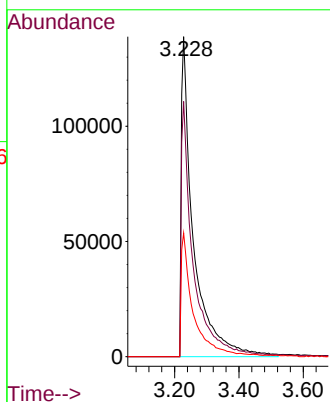


#3
Pyridine
Concen: 40.41 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.082 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Instrument :
BNA_F
ClientSampleId :
HD-4MSD

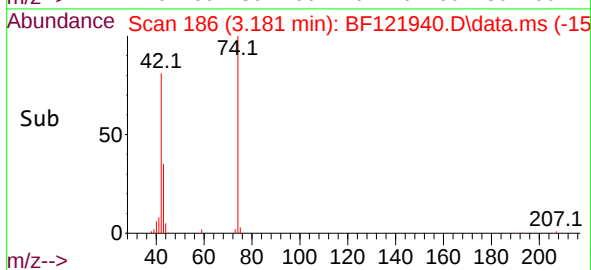
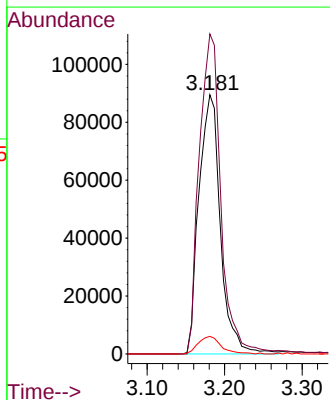
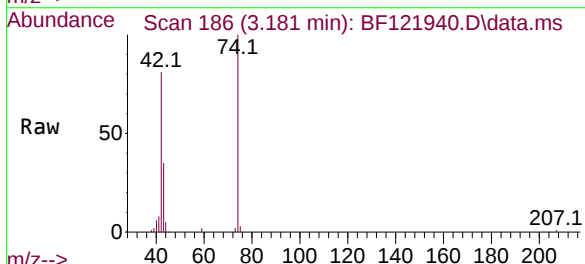


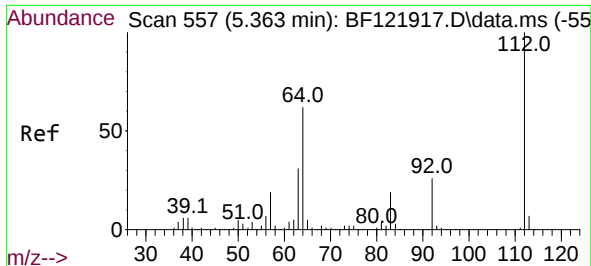
Tgt Ion: 79 Resp: 364116
Ion Ratio Lower Upper
79 100
52 79.8 62.2 93.4
51 38.6 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 39.66 ng
RT: 3.181 min Scan# 186
Delta R.T. 0.071 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion: 42 Resp: 172709
Ion Ratio Lower Upper
42 100
74 123.4 100.2 150.2
44 6.8 5.8 8.6

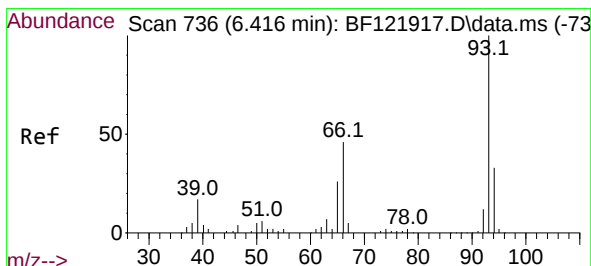
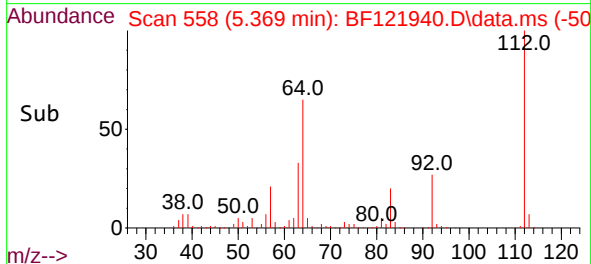
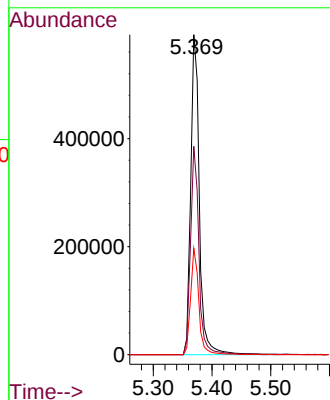
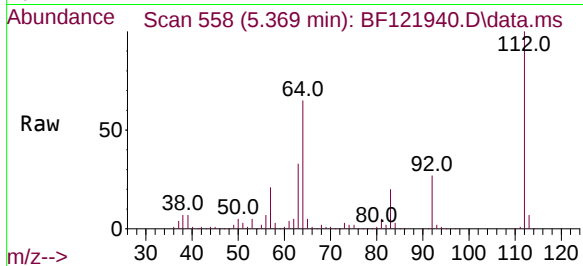




#5
2-Fluorophenol
Concen: 77.60 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

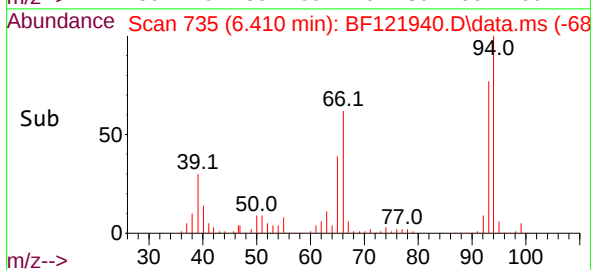
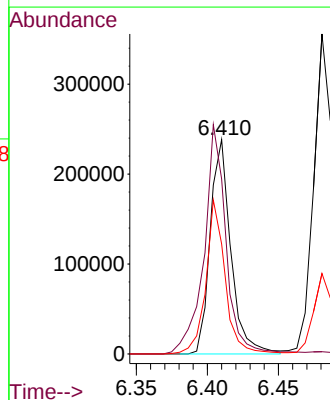
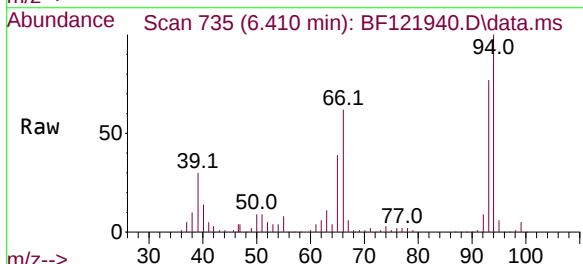
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ClientSampleId :
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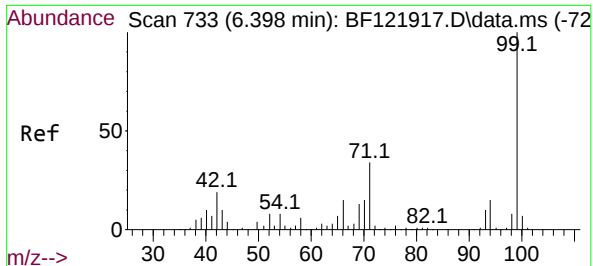
Tgt Ion:112 Resp: 604655
Ion Ratio Lower Upper
112 100
64 65.1 50.4 75.6
63 33.2 25.8 38.6



#6
Aniline
Concen: 19.56 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion: 93 Resp: 241611
Ion Ratio Lower Upper
93 100
66 81.6 32.7 49.1#
65 51.3 16.6 24.8#

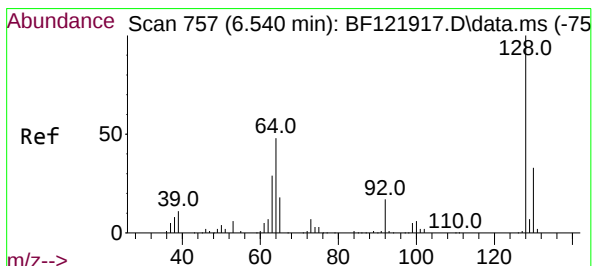
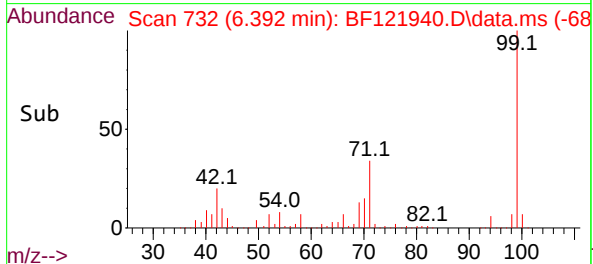
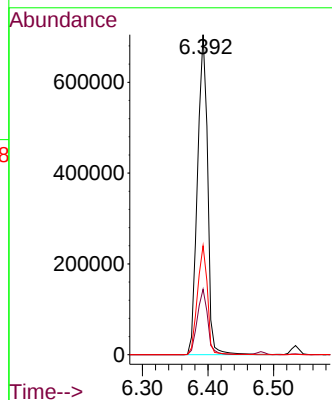
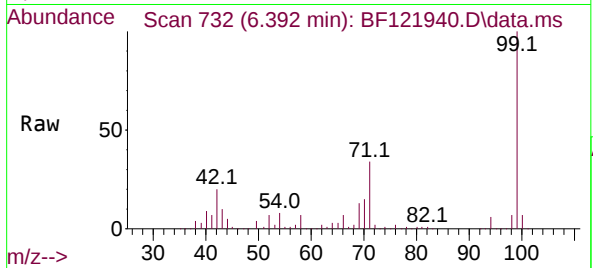




#7
Phenol-d6
Concen: 75.71 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

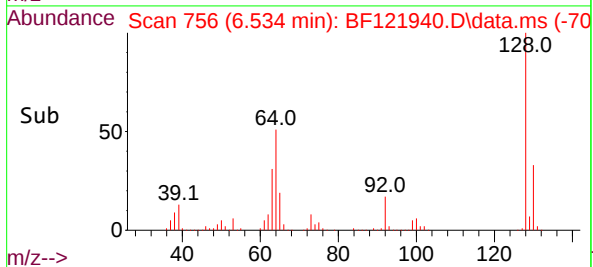
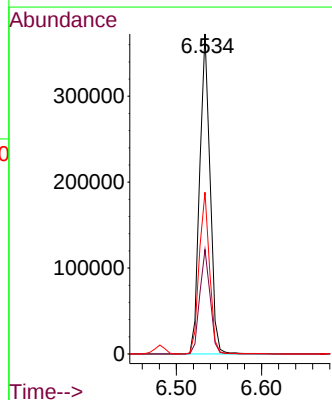
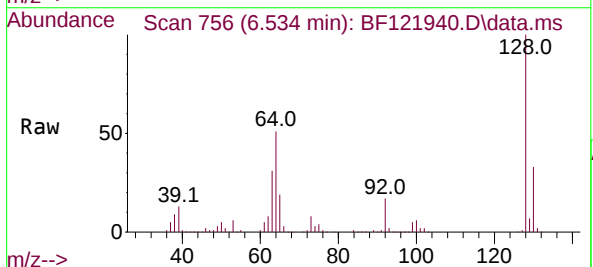
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Tgt Ion: 99 Resp: 759409
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 34.0 27.1 40.7



#8
2-Chlorophenol
Concen: 40.26 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:128 Resp: 317080
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 50.6 34.8 74.8

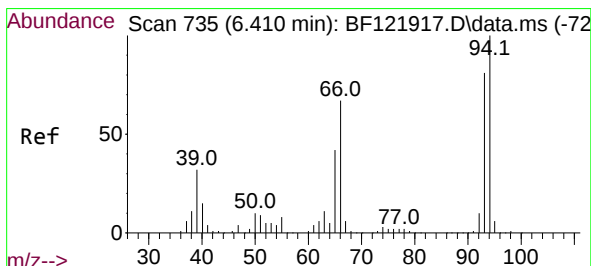
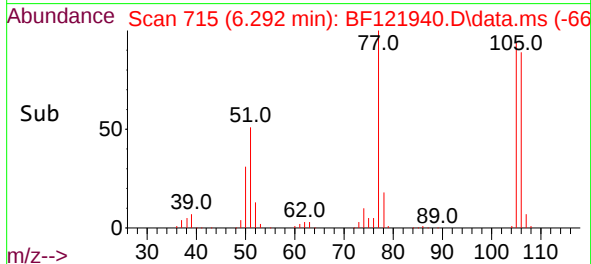
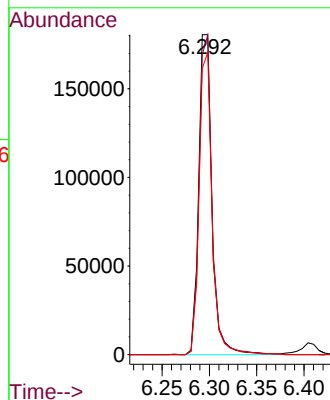
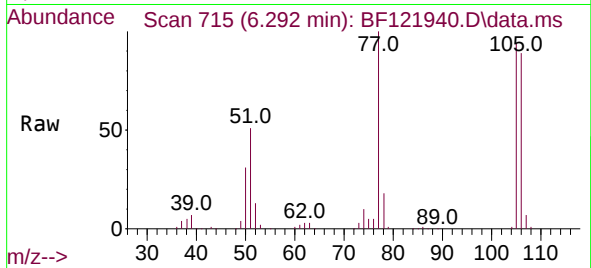




#9
Benzaldehyde
Concen: 29.22 ng
RT: 6.292 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

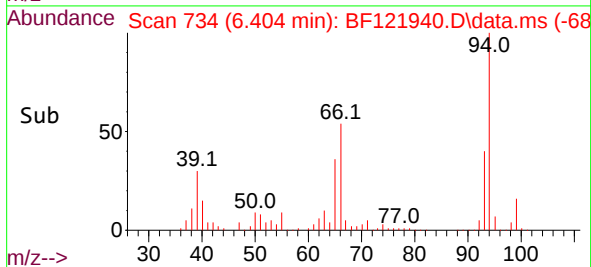
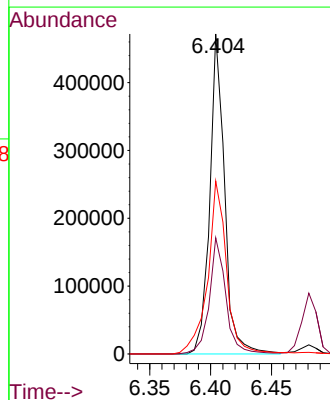
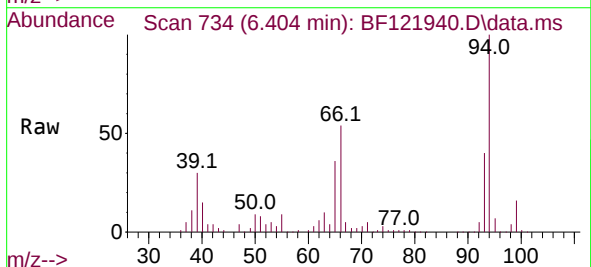
Instrument :
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ClientSampleId :
HD-4MSD

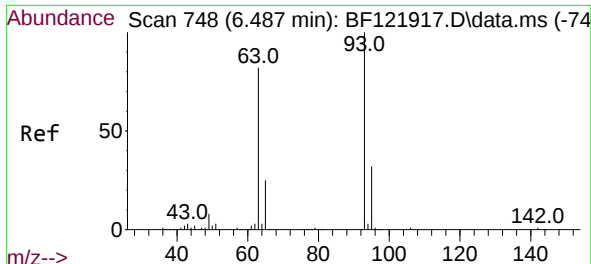
Tgt Ion: 77 Resp: 177158
Ion Ratio Lower Upper
77 100
105 93.8 76.7 116.7
106 89.5 71.3 111.3



#10
Phenol
Concen: 38.62 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion: 94 Resp: 399730
Ion Ratio Lower Upper
94 100
65 36.3 17.1 57.1
66 54.0 36.0 76.0

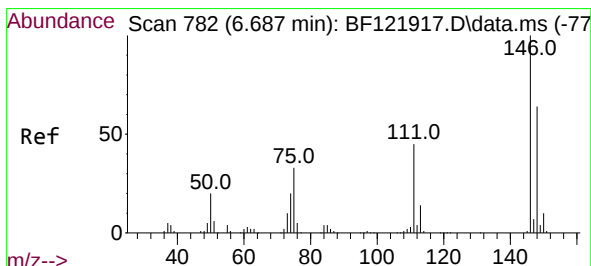
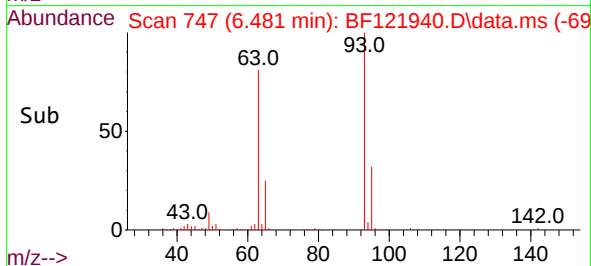
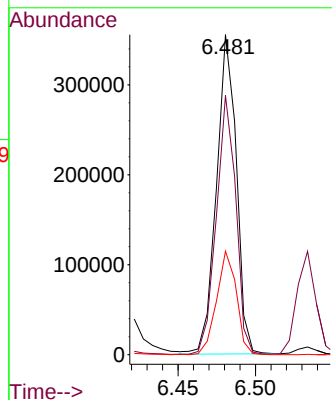
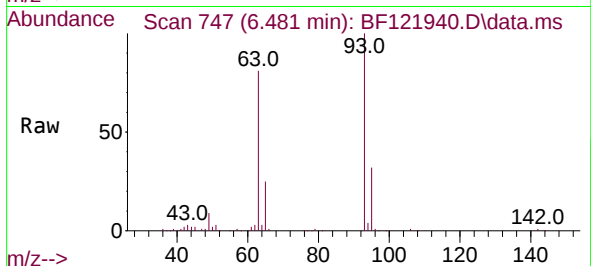




#11
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

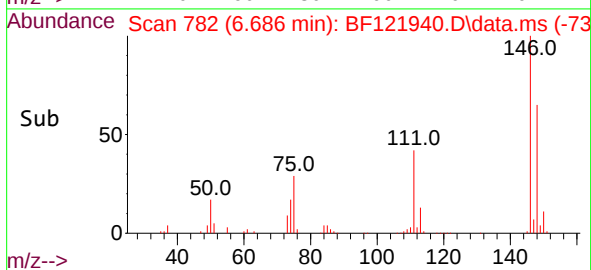
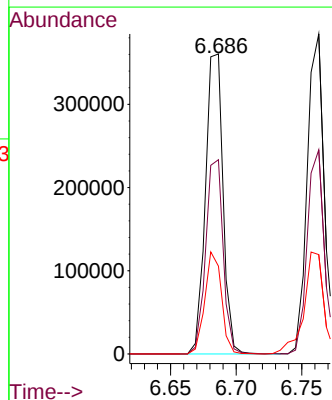
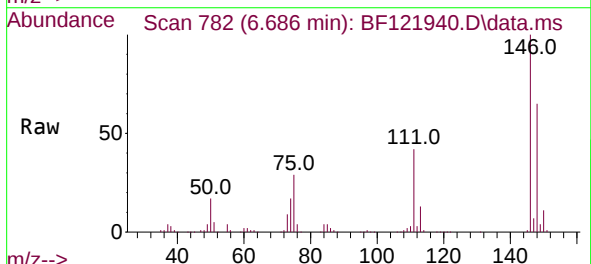
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

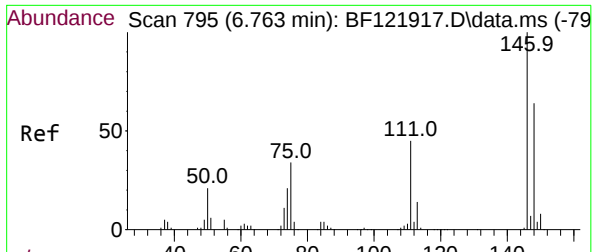
Tgt Ion: 93 Resp: 316947
Ion Ratio Lower Upper
93 100
63 81.0 62.4 102.4
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.15 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:146 Resp: 337963
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
75 29.3 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 38.71 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

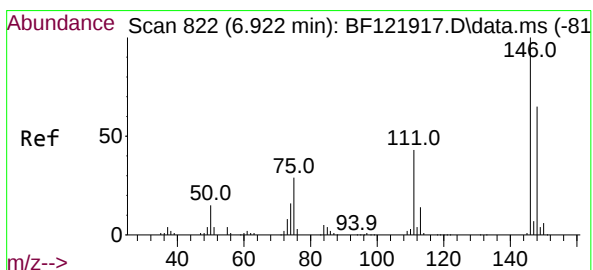
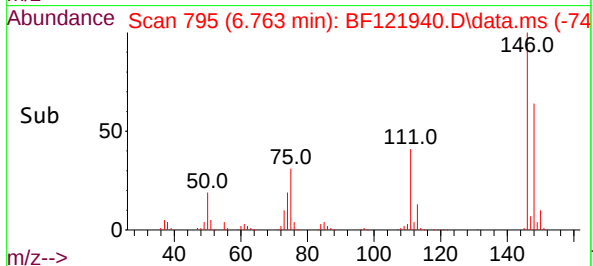
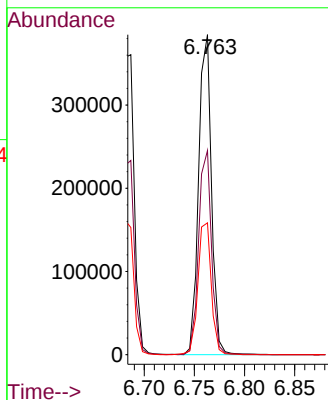
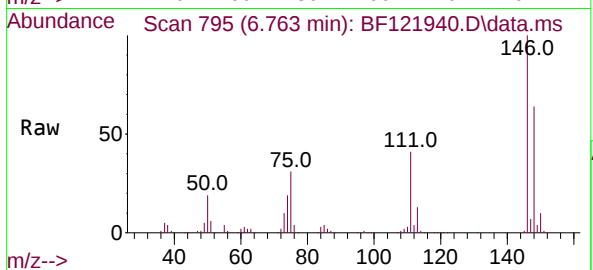
Tgt Ion:146 Resp: 344266

Ion Ratio Lower Upper

146 100

148 63.8 50.1 75.1

111 41.2 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 40.20 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.012 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

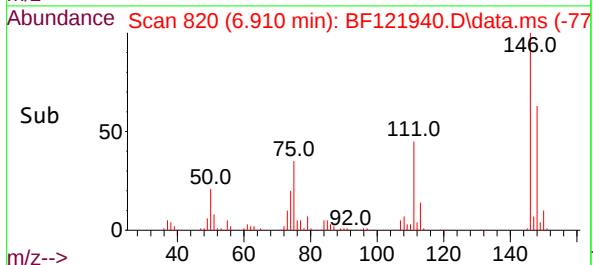
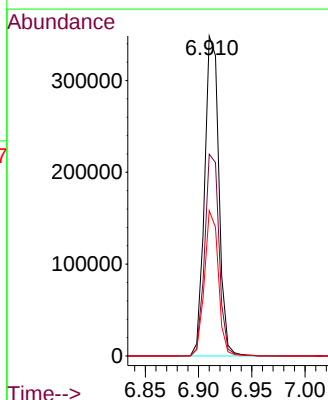
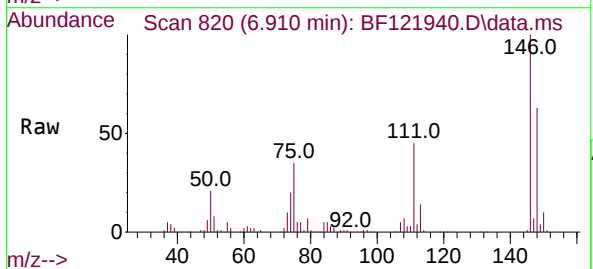
Tgt Ion:146 Resp: 326820

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

111 45.4 34.2 51.4

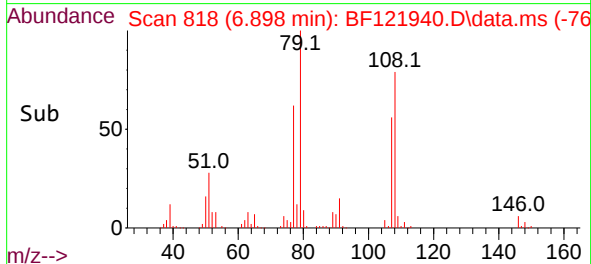
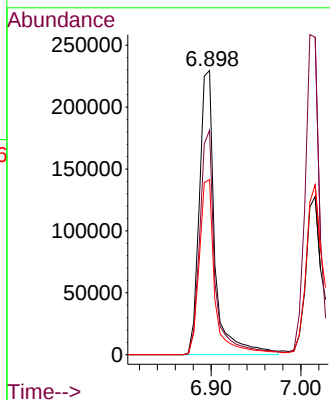
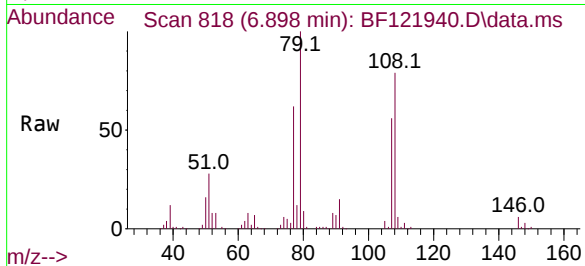




#15
Benzyl Alcohol
Concen: 42.63 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

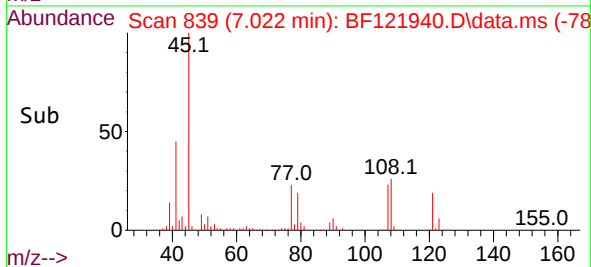
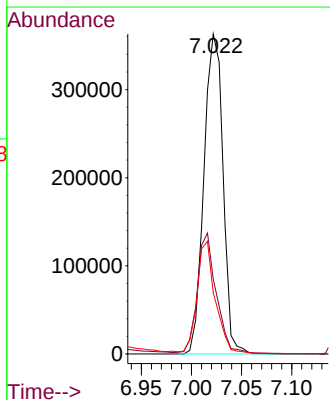
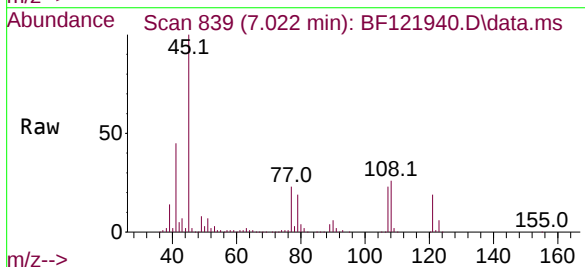
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

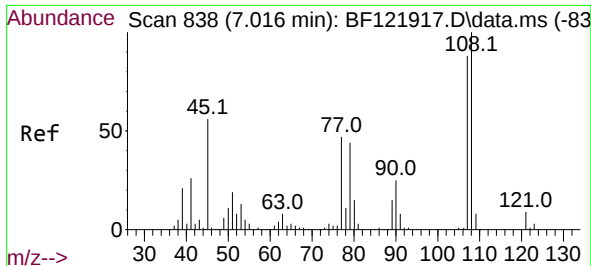
Tgt Ion: 79 Resp: 276556
Ion Ratio Lower Upper
79 100
108 79.0 62.3 93.5
77 61.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.08 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion: 45 Resp: 481305
Ion Ratio Lower Upper
45 100
77 23.4 0.0 33.3
79 19.1 0.0 30.4



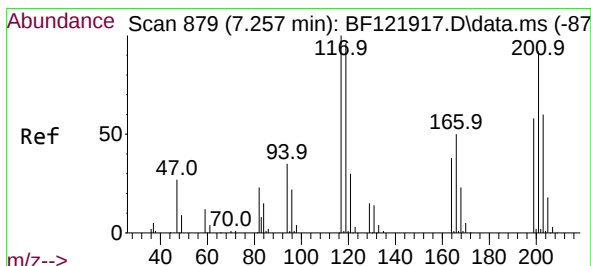
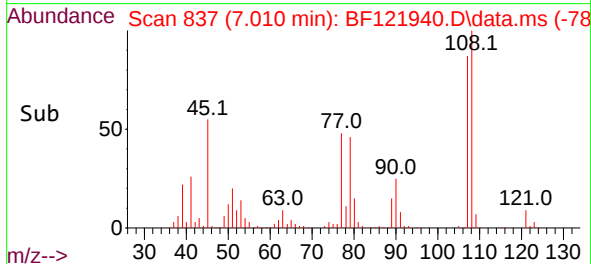
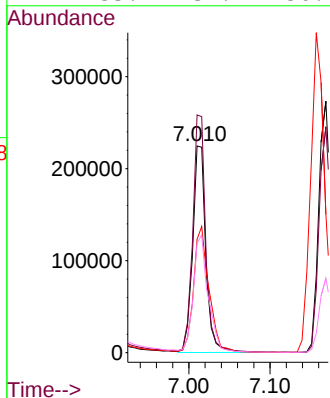
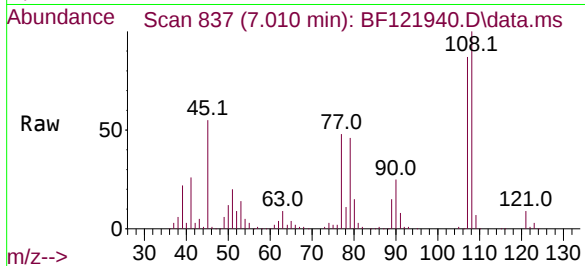


#17
2-Methylphenol
Concen: 37.74 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Instrument :
BNA_F
ClientSampleId :
HD-4MSD

Tgt Ion:107 Resp: 254133

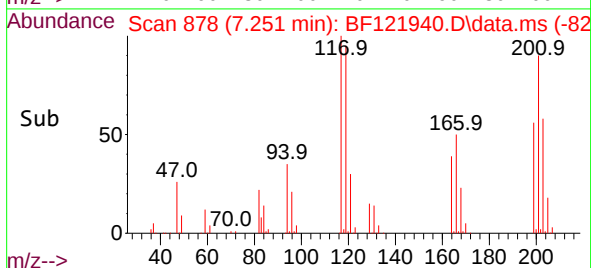
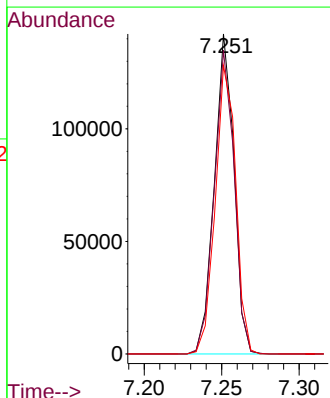
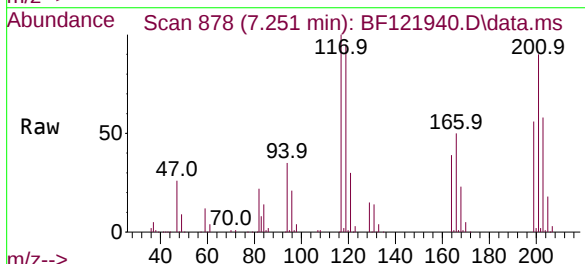
Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.9	136.3
77	54.9	37.5	56.3
79	53.1	37.4	56.0

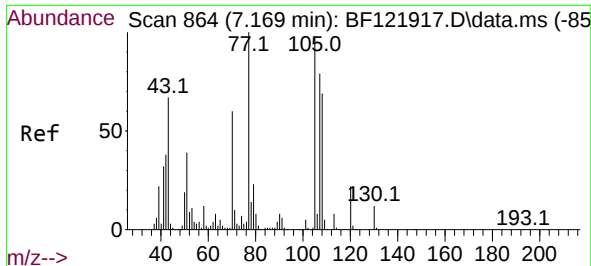


#18
Hexachloroethane
Concen: 39.08 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:117 Resp: 125543

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.3	114.5
201	90.1	71.8	107.6

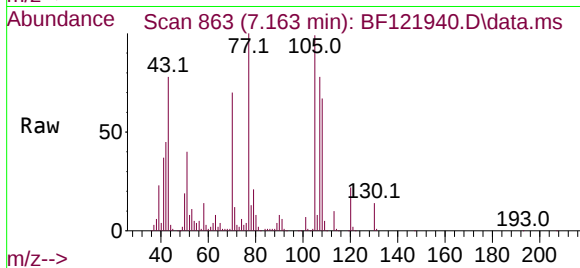




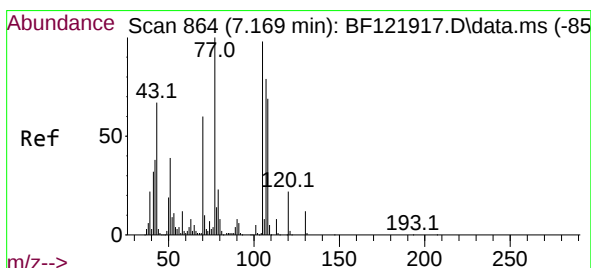
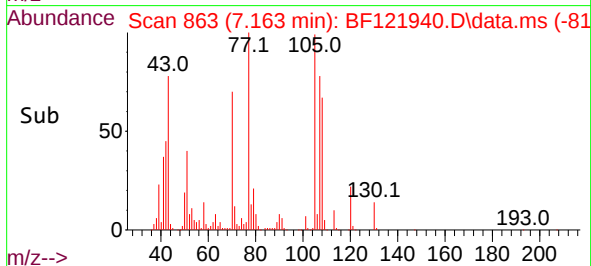
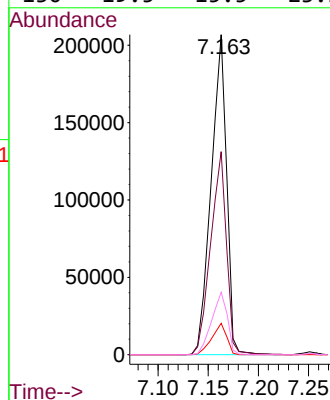
#19

n-Nitroso-di-n-propylamine
Concen: 38.86 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Instrument :
BNA_F
ClientSampleId :
HD-4MSD

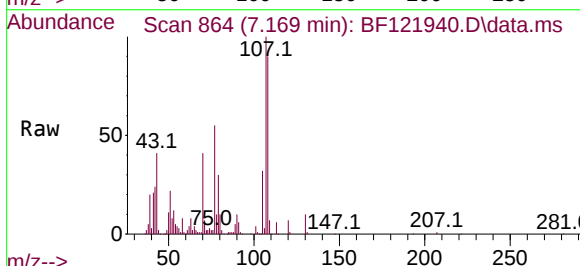


Tgt Ion:	70	Resp:	221932
Ion	Ratio	Lower	Upper
70	100		
42	63.4	50.2	75.4
101	9.8	7.5	11.3
130	19.5	15.5	23.3

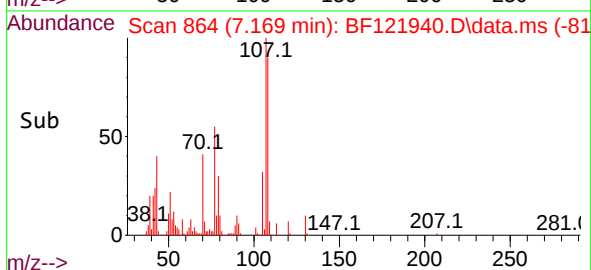
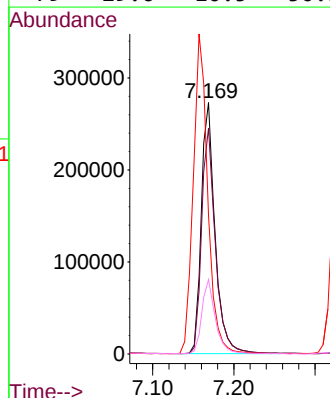


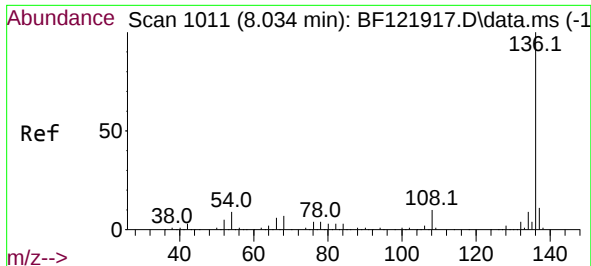
#20

3+4-Methylphenols
Concen: 39.62 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10



Tgt Ion:	107	Resp:	321687
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.9	108.9
77	55.1	108.0	148.0#
79	29.6	10.5	50.5



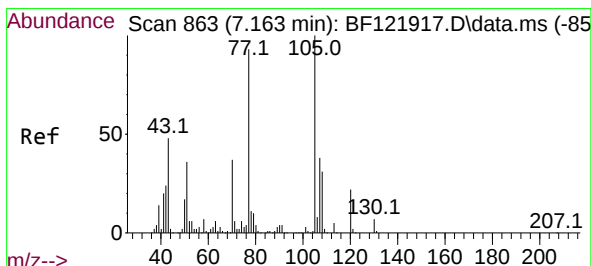
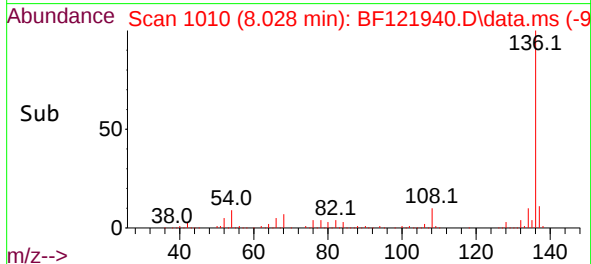
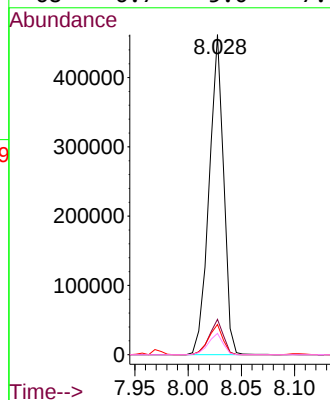
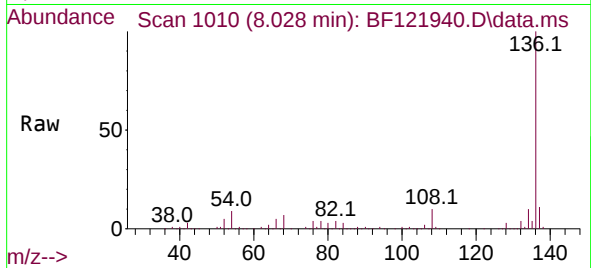


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Instrument :
BNA_F
ClientSampleId :
HD-4MSD

Tgt Ion:136 Resp: 437040

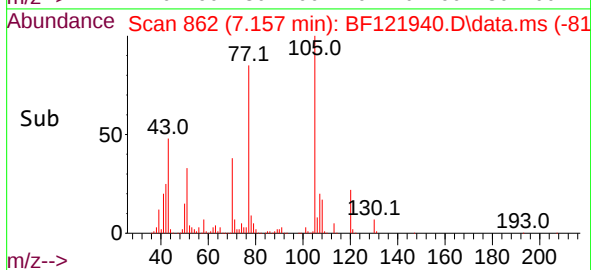
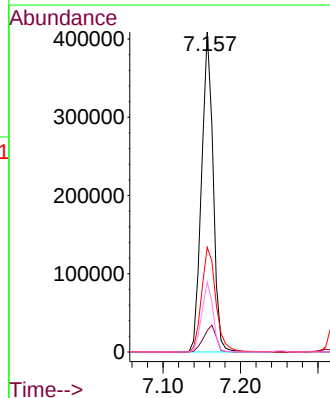
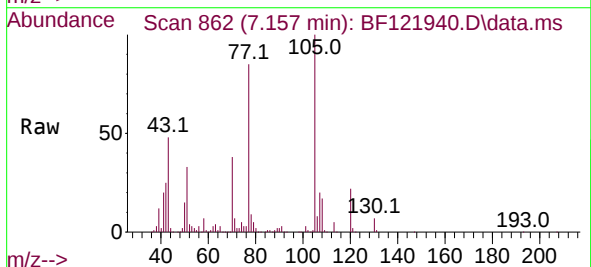
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.5	7.1	10.7
68	6.7	5.0	7.4

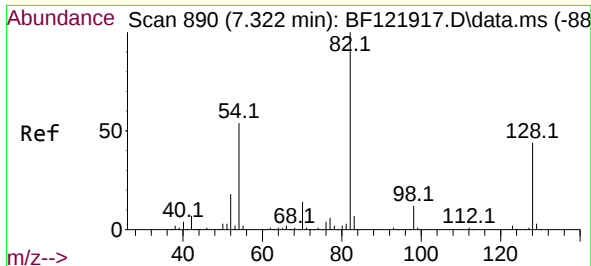


#22
Acetophenone
Concen: 37.67 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:105 Resp: 423638

Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.3	7.9
51	32.7	33.2	49.8#
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 61.16 ng

RT: 7.310 min Scan# 888

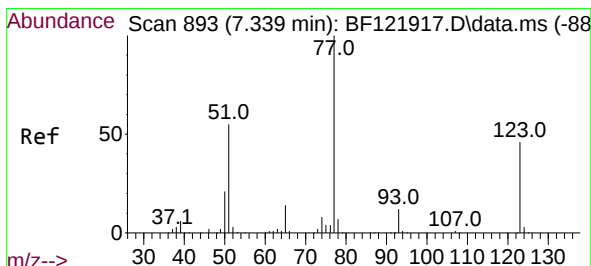
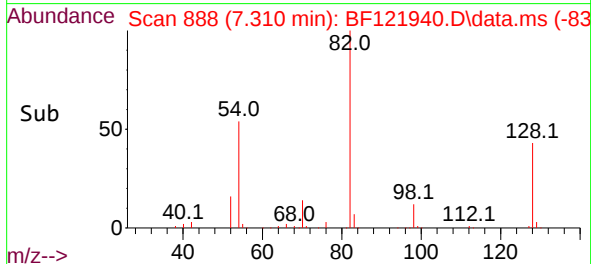
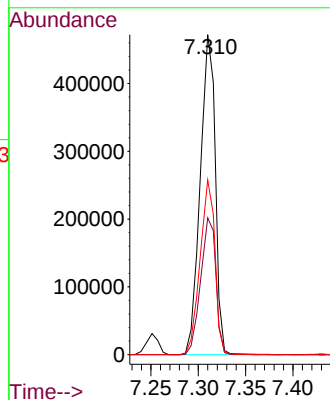
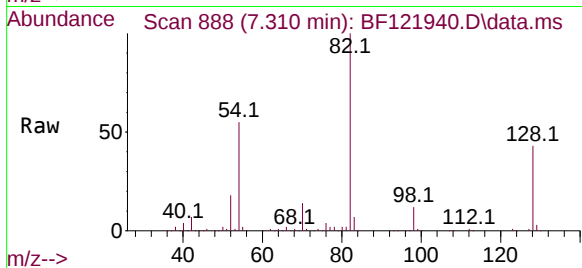
Delta R.T. -0.012 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

Tgt Ion: 82 Resp: 521204

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.0	52.4
54	54.6	43.9	65.9



#24

Nitrobenzene

Concen: 38.26 ng

RT: 7.333 min Scan# 892

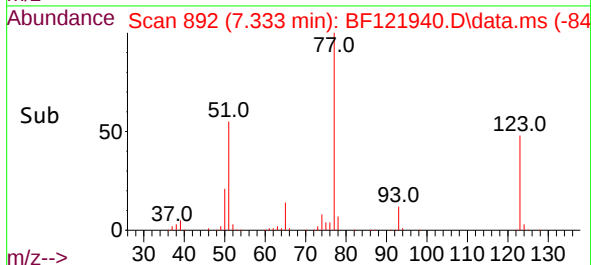
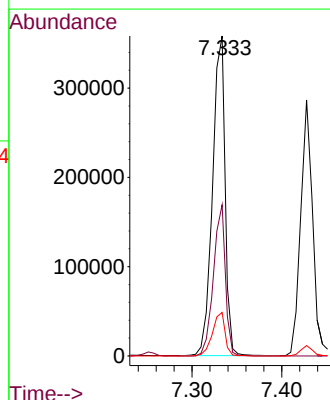
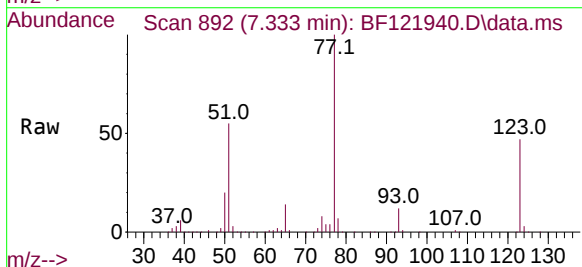
Delta R.T. -0.006 min

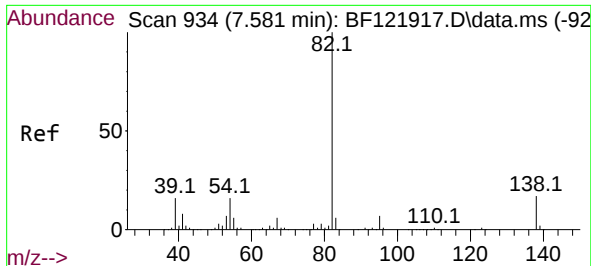
Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

Tgt Ion: 77 Resp: 348490

Ion	Ratio	Lower	Upper
77	100		
123	47.3	35.6	53.4
65	13.6	11.2	16.8

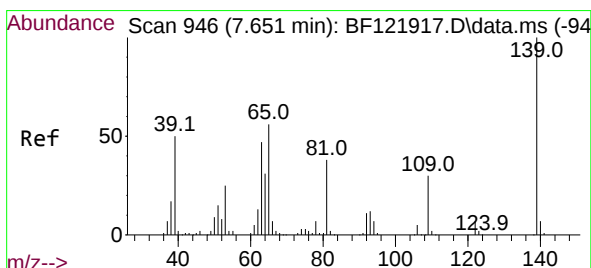
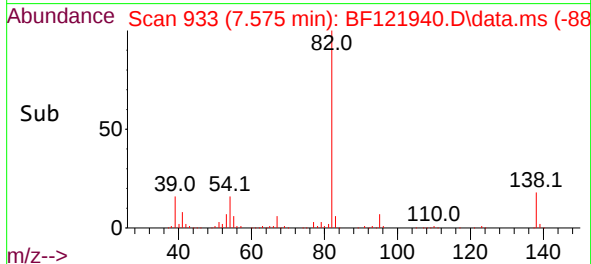
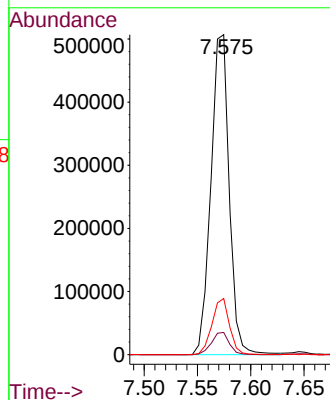
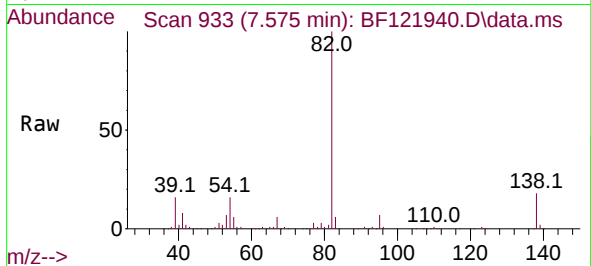




#25
Isophorone
Concen: 37.60 ng
RT: 7.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

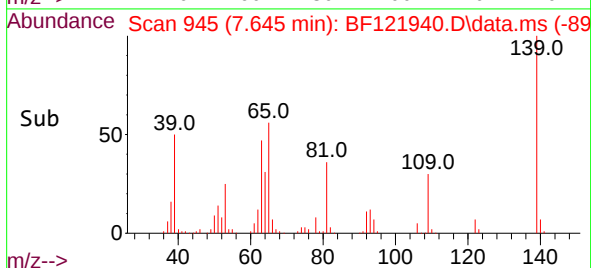
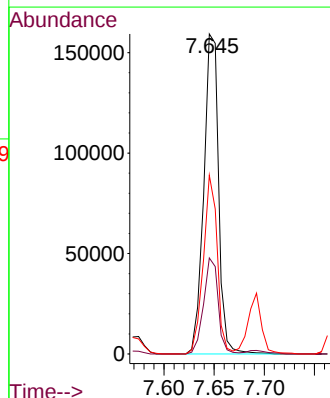
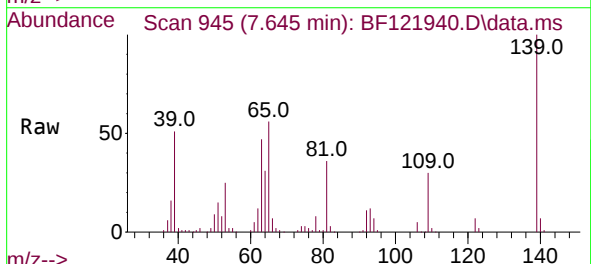
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

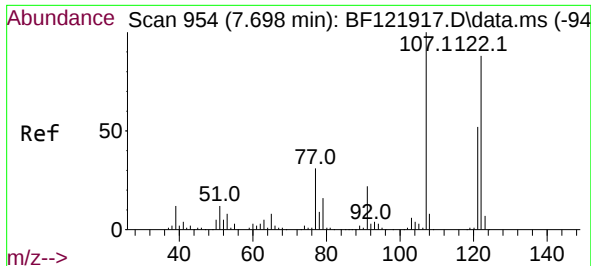
Tgt Ion: 82 Resp: 605821
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.5 13.4 20.0



#26
2-Nitrophenol
Concen: 39.27 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion: 139 Resp: 164749
Ion Ratio Lower Upper
139 100
109 30.0 23.0 34.4
65 55.9 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 38.06 ng

RT: 7.692 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

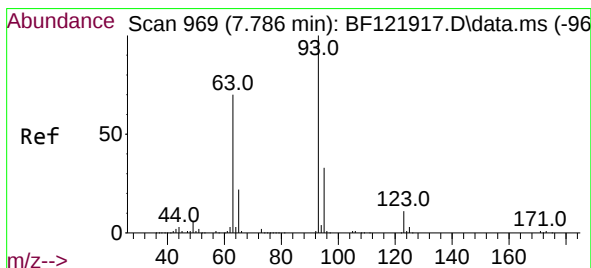
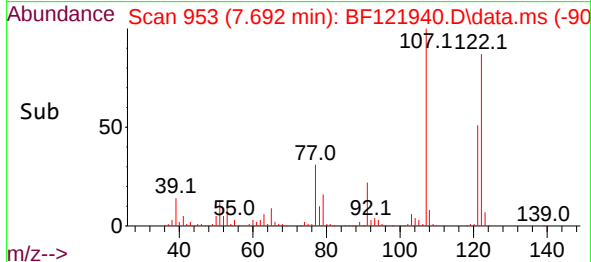
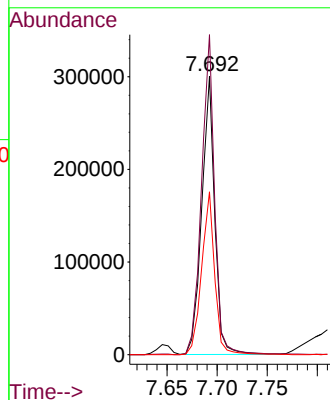
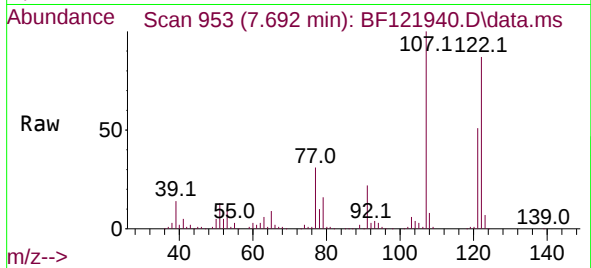
Tgt Ion:122 Resp: 272185

Ion Ratio Lower Upper

122 100

107 115.0 90.8 136.2

121 58.6 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.04 ng

RT: 7.781 min Scan# 968

Delta R.T. -0.006 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

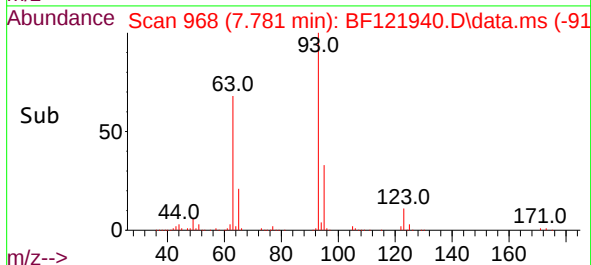
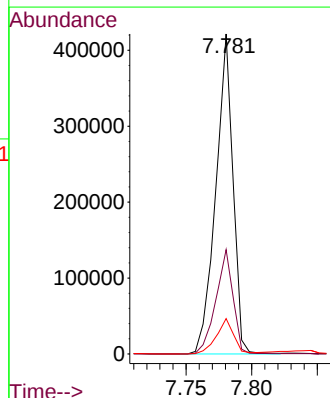
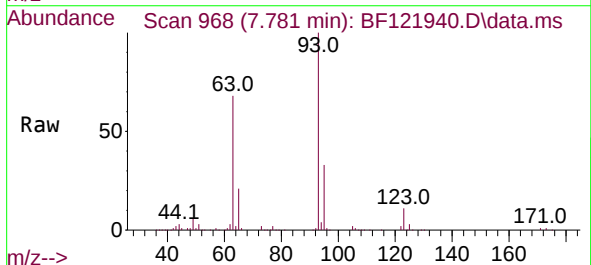
Tgt Ion: 93 Resp: 383555

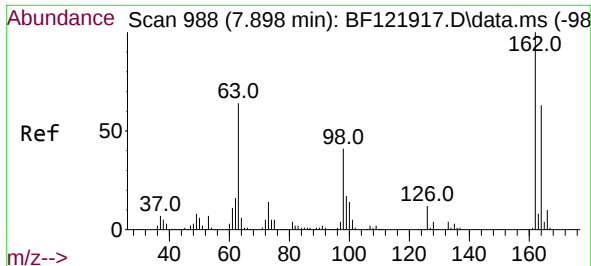
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 11.1 8.8 13.2

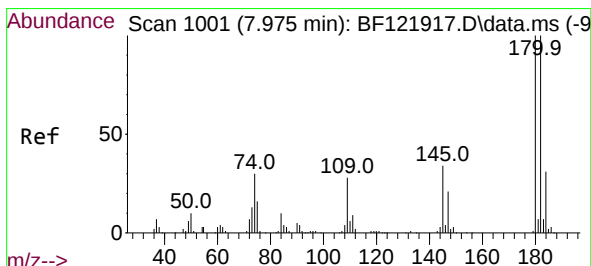
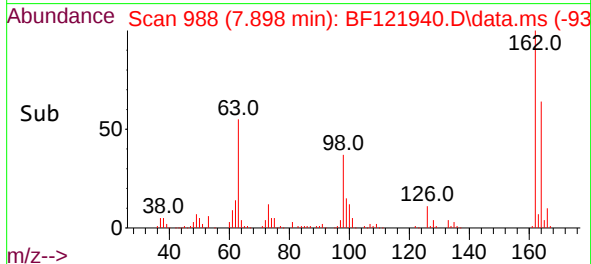
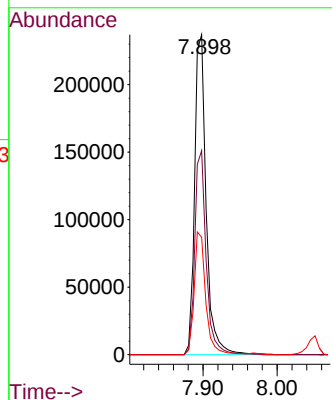
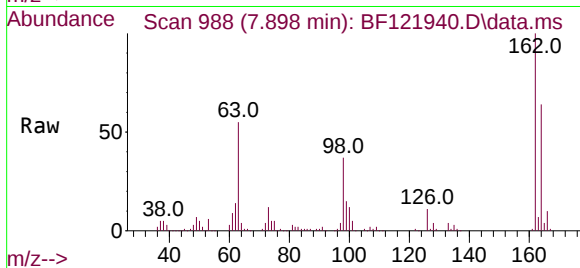




#29
2,4-Dichlorophenol
Concen: 38.30 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

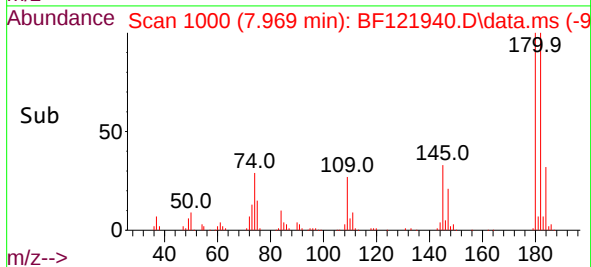
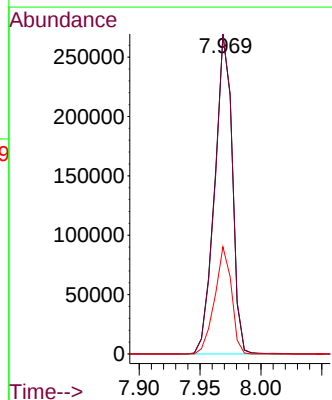
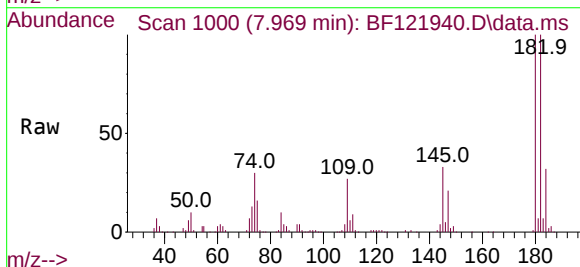
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

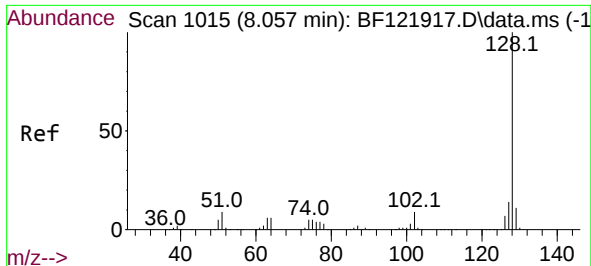
Tgt Ion:162 Resp: 256455
Ion Ratio Lower Upper
162 100
164 63.7 42.5 82.5
98 36.7 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 37.97 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:180 Resp: 270368
Ion Ratio Lower Upper
180 100
182 100.2 79.4 119.2
145 33.5 25.5 38.3

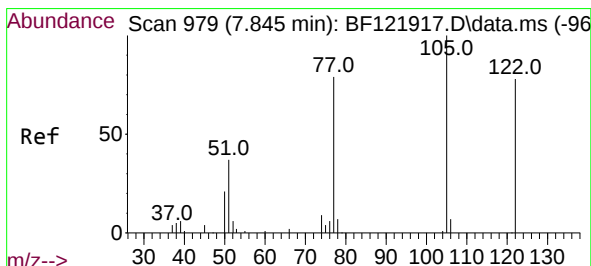
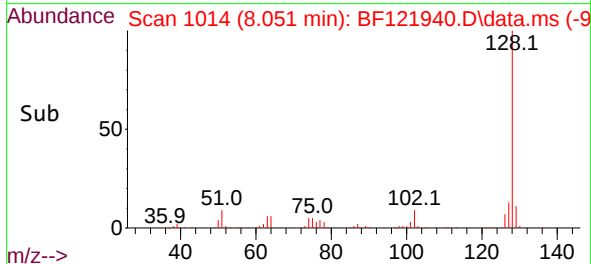
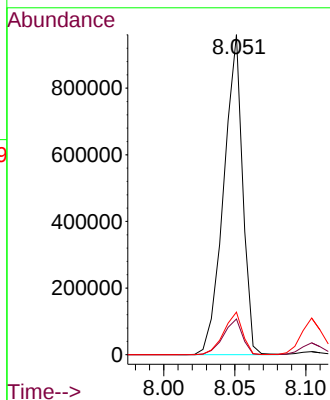
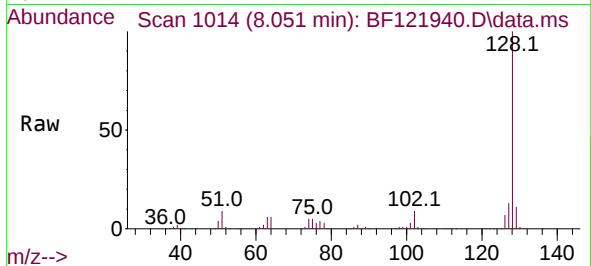




#31
Naphthalene
Concen: 38.02 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

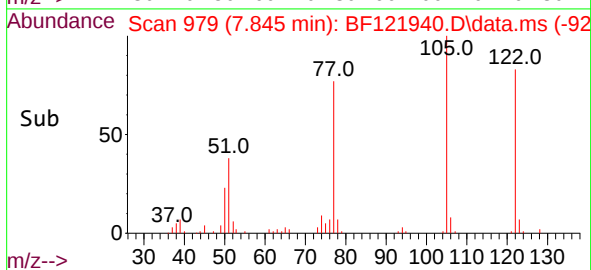
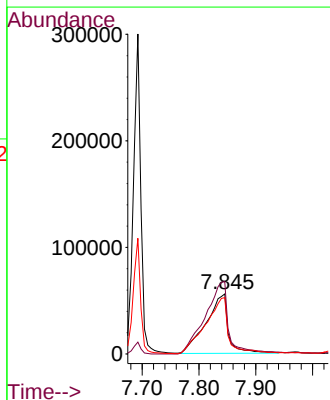
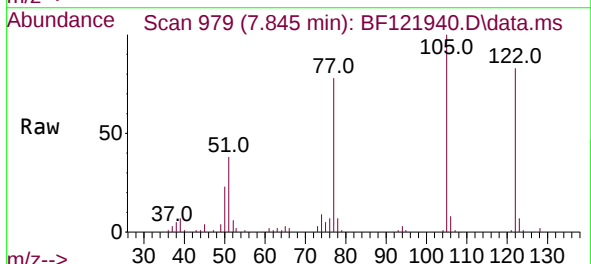
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

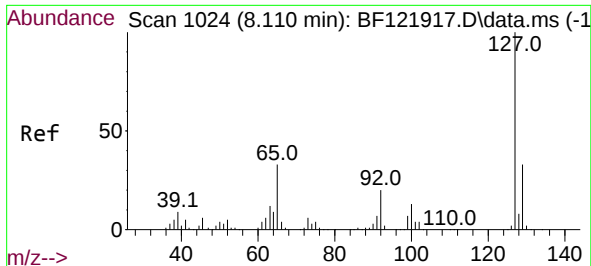
Tgt Ion:128 Resp: 890162
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 39.12 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:122 Resp: 152984
Ion Ratio Lower Upper
122 100
105 120.6 103.3 143.3
77 93.8 73.9 113.9



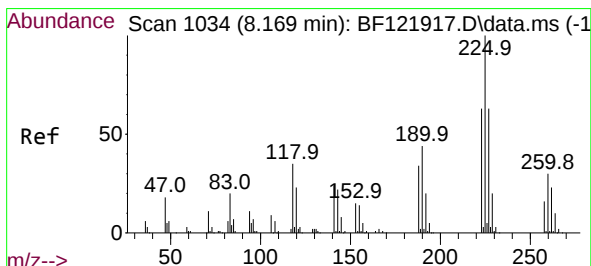
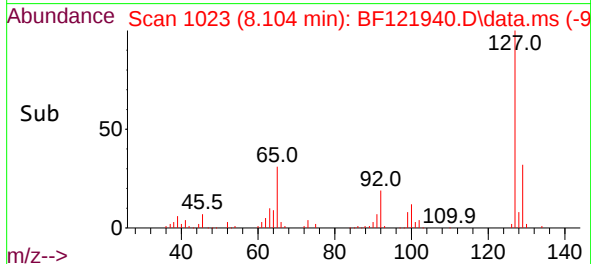
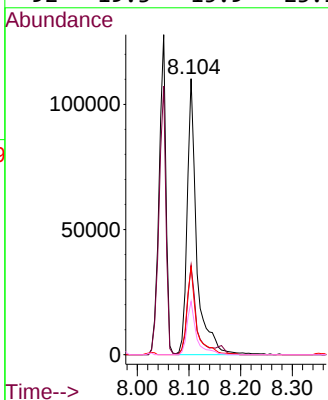
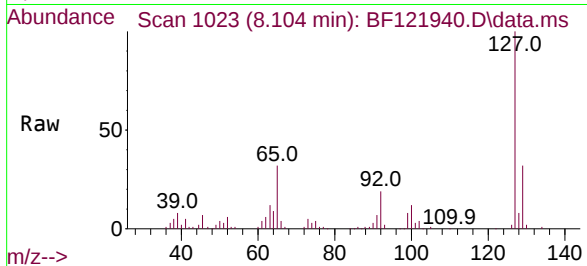


#33
4-Chloroaniline
Concen: 14.28 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Instrument :
BNA_F
ClientSampleId :
HD-4MSD

Tgt Ion:127 Resp: 142430

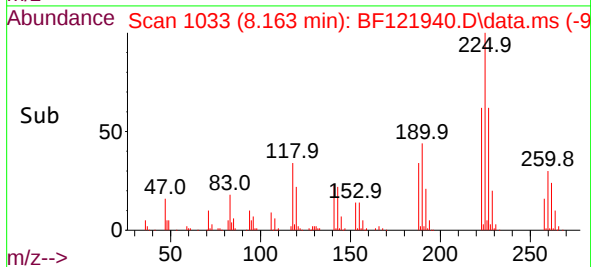
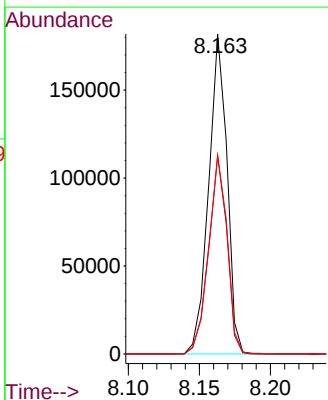
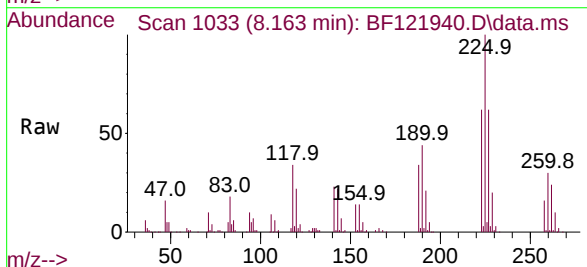
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	31.8	26.2	39.2
92	19.3	15.9	23.9

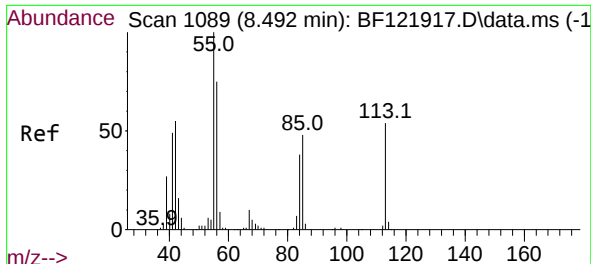


#34
Hexachlorobutadiene
Concen: 38.60 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:225 Resp: 162985

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.1	76.7
227	62.0	51.0	76.6

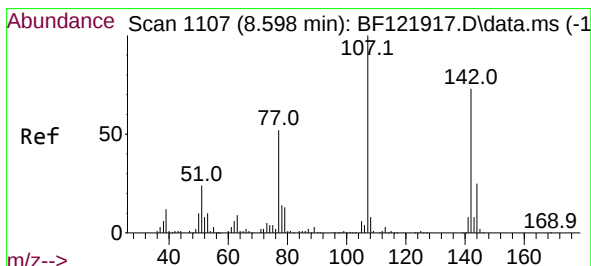
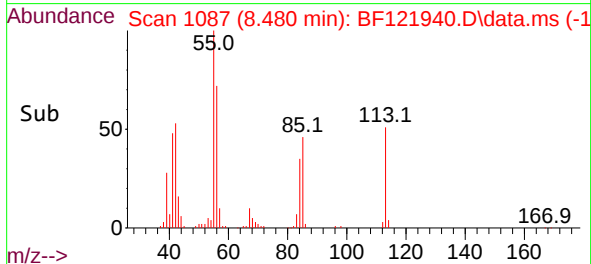
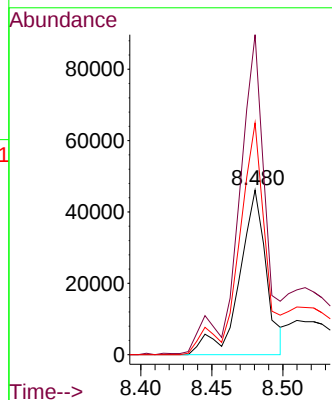
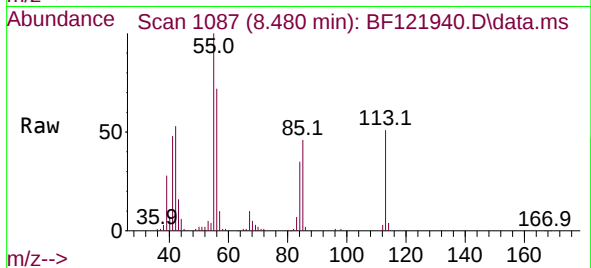




#35
Caprolactam
Concen: 28.35 ng
RT: 8.480 min Scan# 1087
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

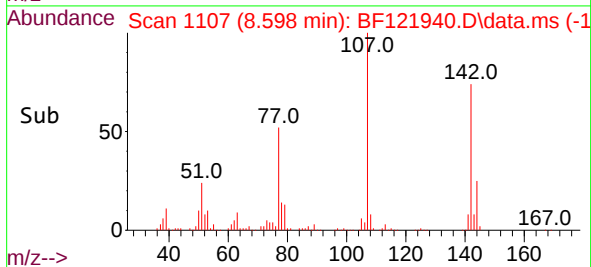
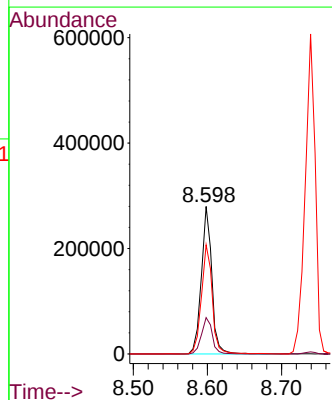
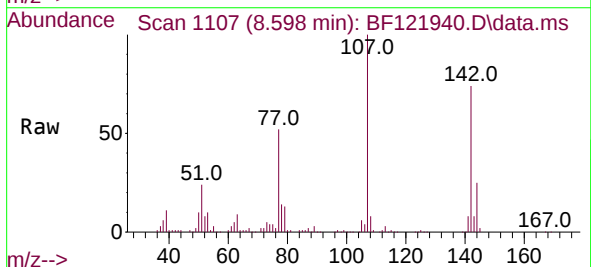
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

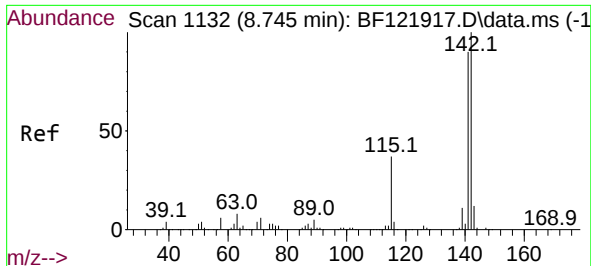
Tgt Ion:113 Resp: 60285
Ion Ratio Lower Upper
113 100
55 194.4 167.5 207.5
56 140.9 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 38.17 ng
RT: 8.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:107 Resp: 274534
Ion Ratio Lower Upper
107 100
144 24.6 20.1 30.1
142 74.0 59.3 88.9

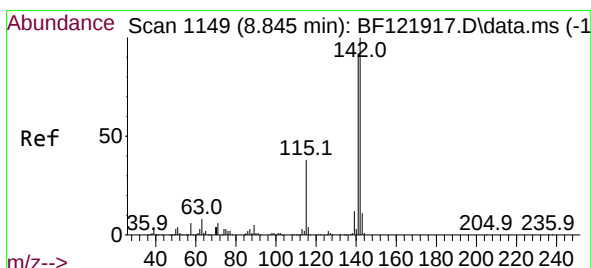
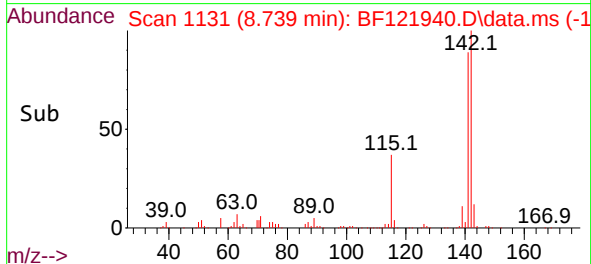
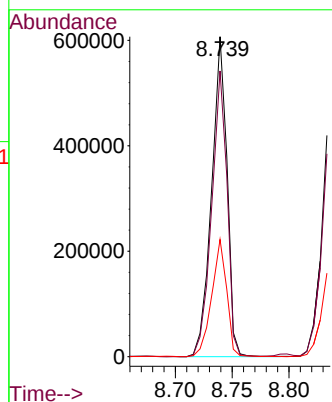
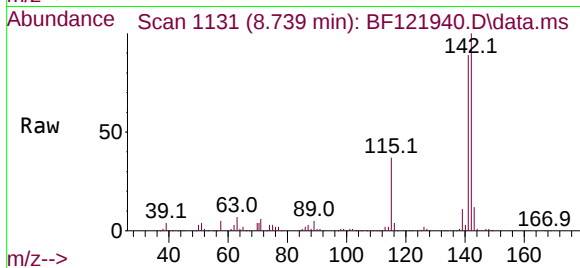




#37
2-Methylnaphthalene
Concen: 37.73 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

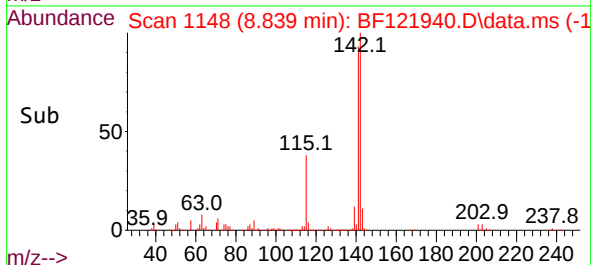
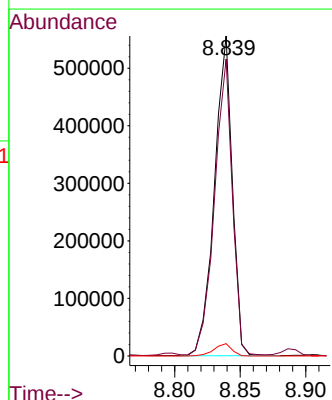
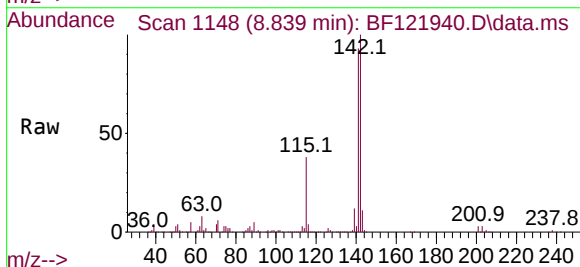
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

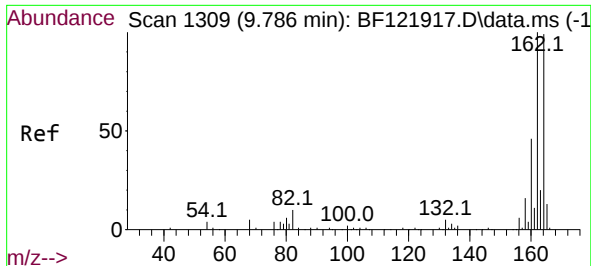
Tgt Ion:142 Resp: 572168
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.4
115 36.7 28.6 43.0



#38
1-Methylnaphthalene
Concen: 37.51 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:142 Resp: 526716
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

Tgt Ion:164 Resp: 216374

Ion Ratio Lower Upper

164 100

162 103.7 83.2 124.8

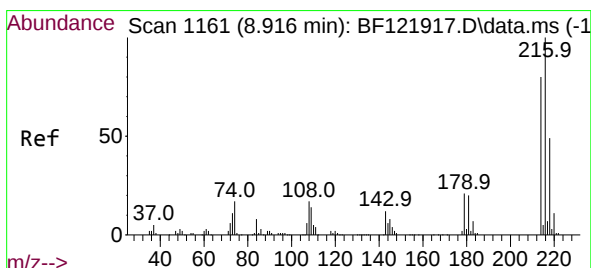
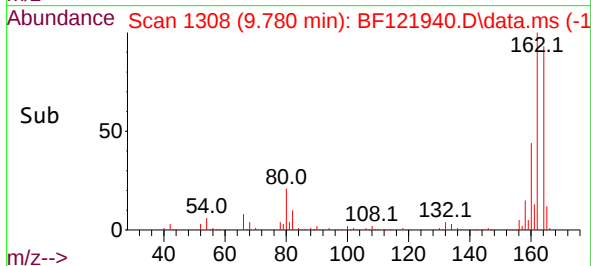
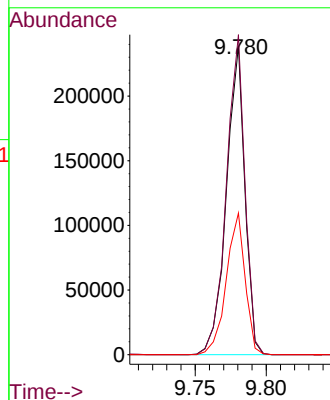
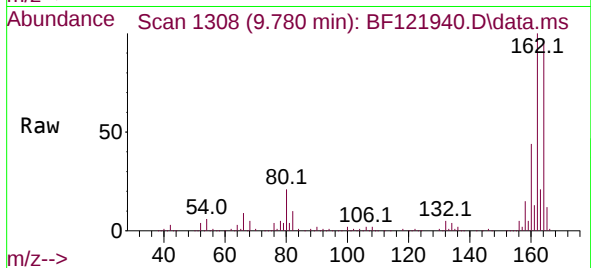
160 45.9 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

HD-4MSD



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.90 ng

RT: 8.910 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

Tgt Ion:216 Resp: 271643

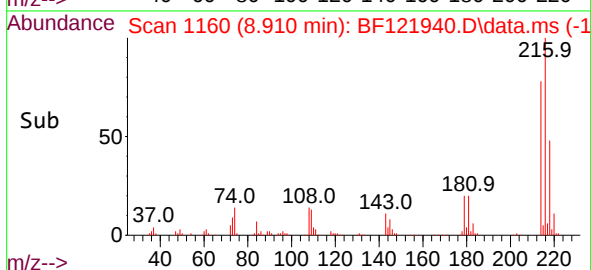
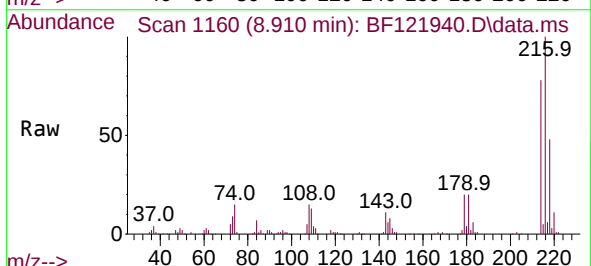
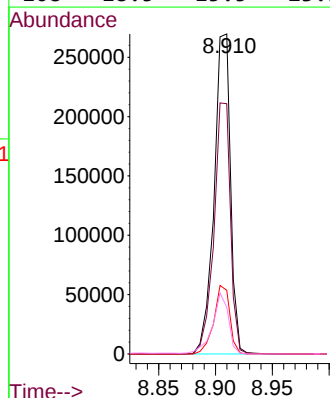
Ion Ratio Lower Upper

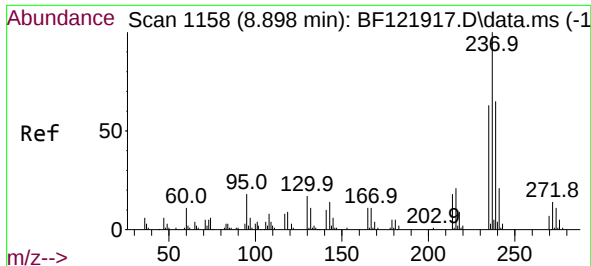
216 100

214 78.5 63.4 95.2

179 20.7 17.0 25.6

108 18.5 15.5 23.3

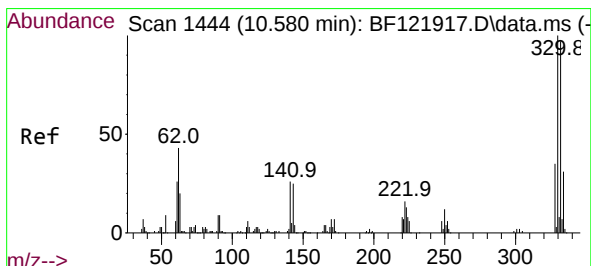
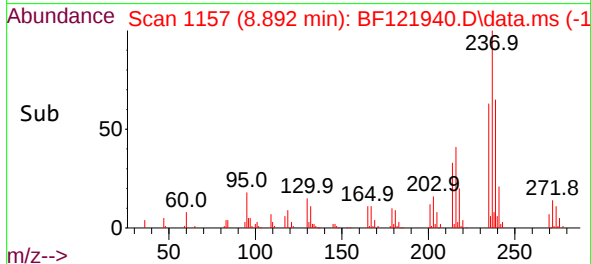
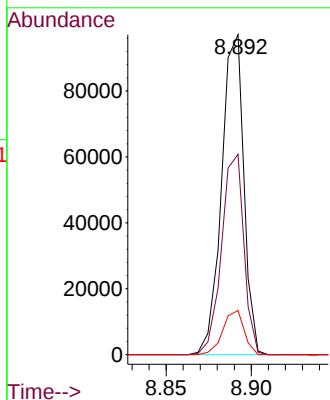
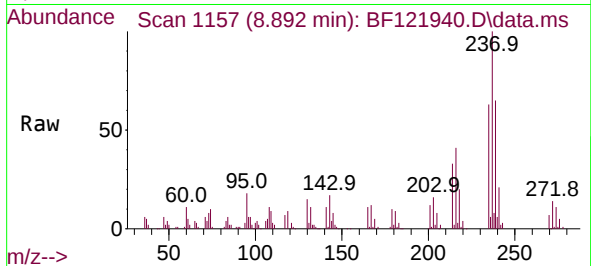




#41
Hexachlorocyclopentadiene
Concen: 52.02 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

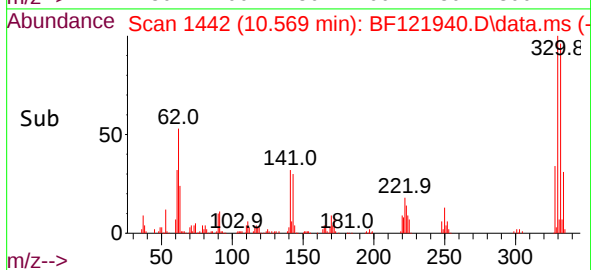
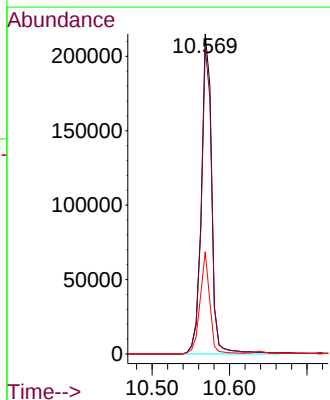
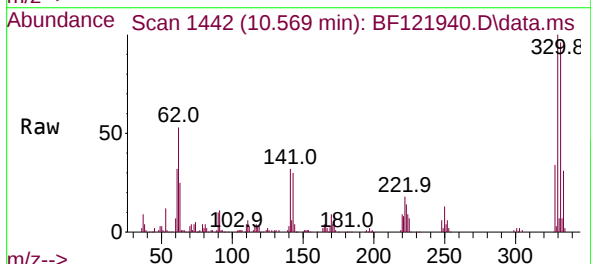
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

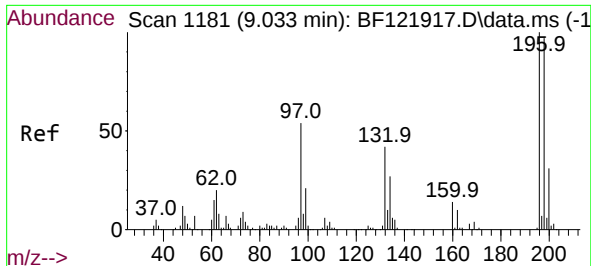
Tgt Ion:237 Resp: 88340
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 74.63 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:330 Resp: 199747
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.1 22.3 33.5

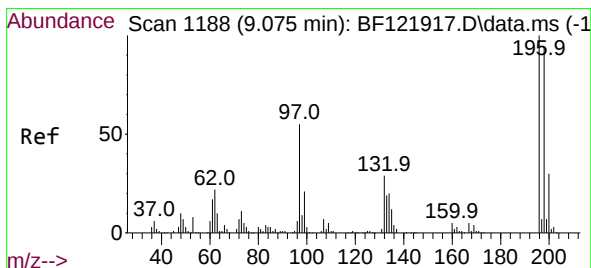
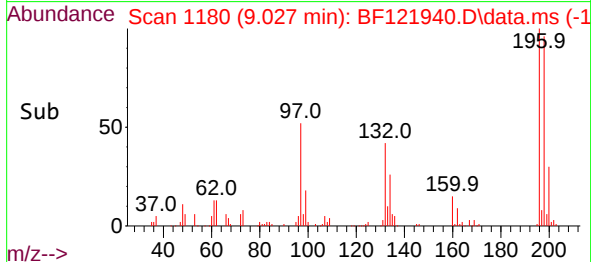
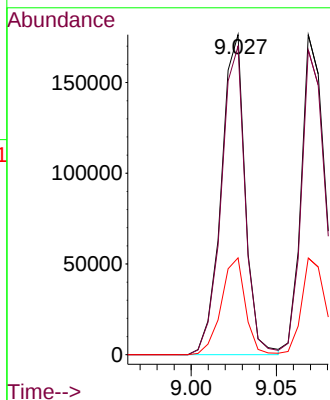
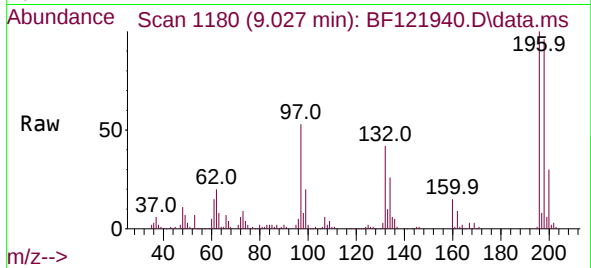




#43
2,4,6-Trichlorophenol
Concen: 40.01 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

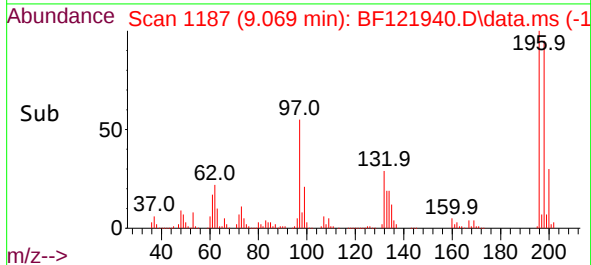
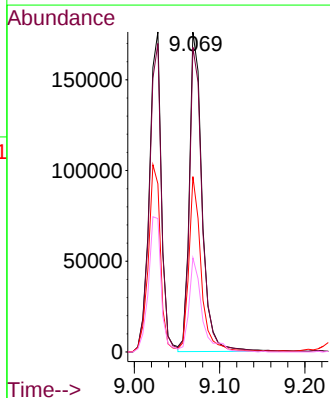
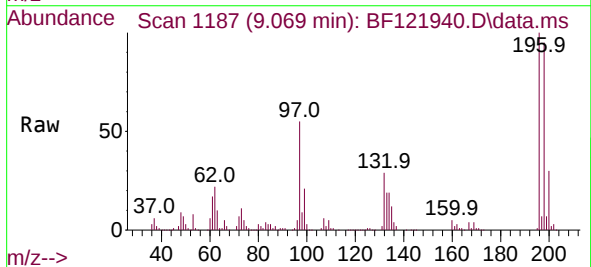
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

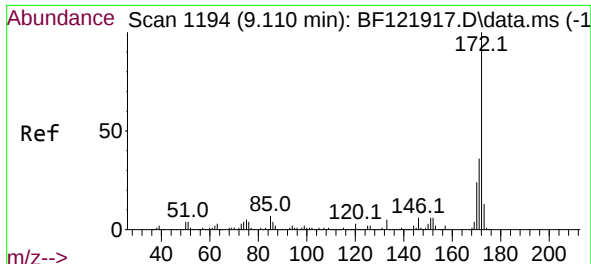
Tgt Ion:196 Resp: 172382
Ion Ratio Lower Upper
196 100
198 96.4 75.8 113.6
200 30.3 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 39.10 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:196 Resp: 181934
Ion Ratio Lower Upper
196 100
198 95.3 76.1 114.1
97 54.8 41.0 61.6
132 29.4 22.4 33.6

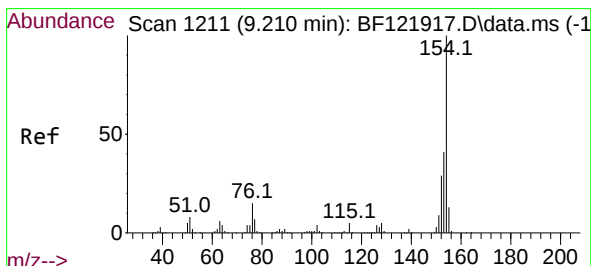
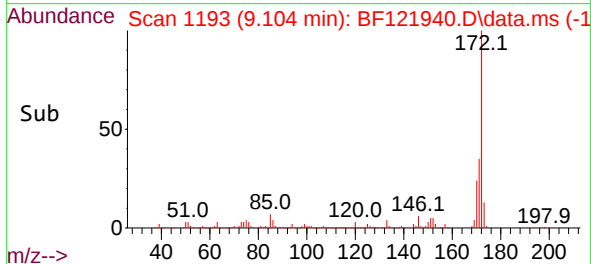
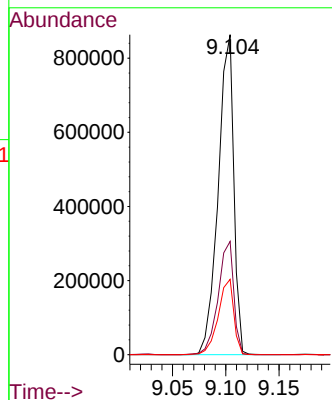
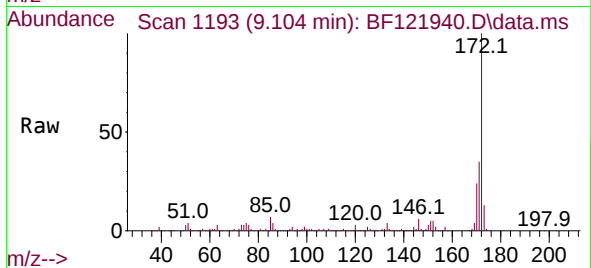




#45
2-Fluorobiphenyl
Concen: 59.52 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

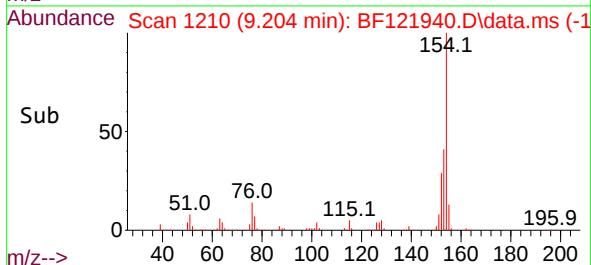
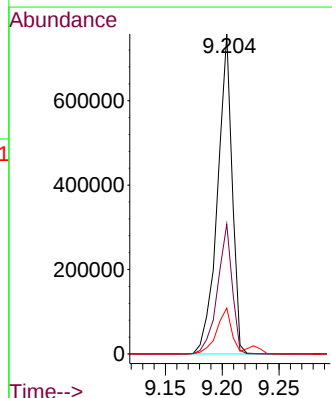
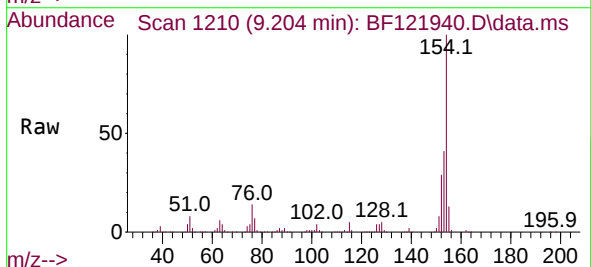
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

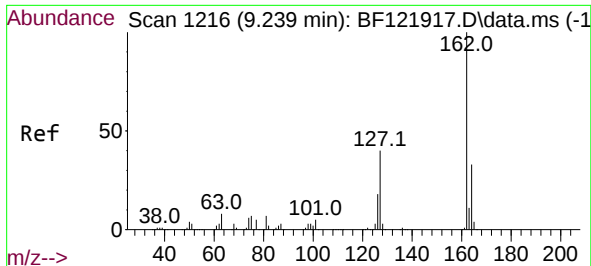
Tgt Ion:172 Resp: 875298
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.6 19.8 29.6



#46
1,1'-Biphenyl
Concen: 38.65 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:154 Resp: 680032
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 14.4 0.0 34.7

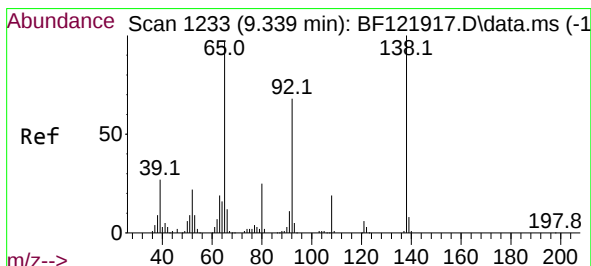
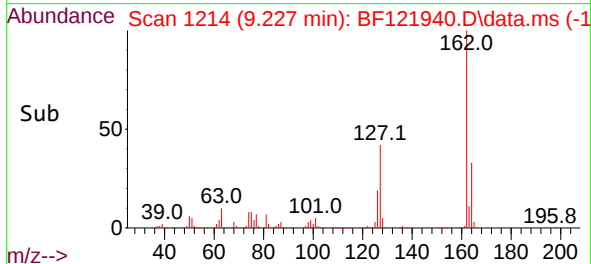
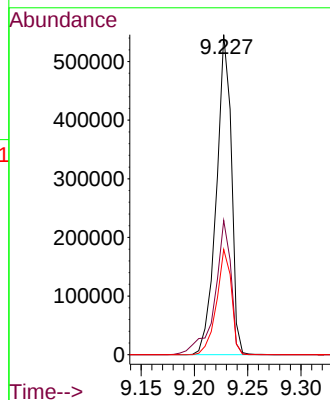
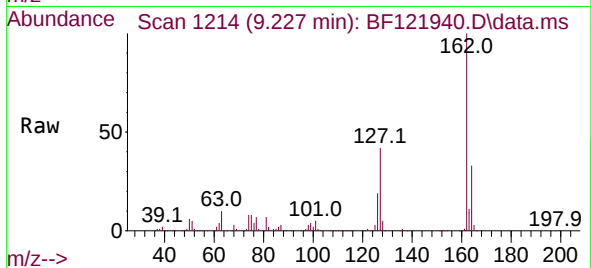




#47
2-Chloronaphthalene
Concen: 38.88 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

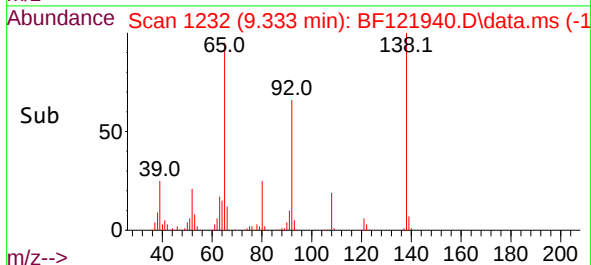
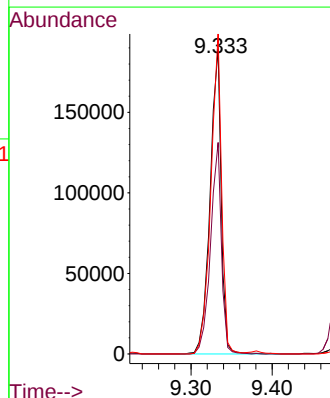
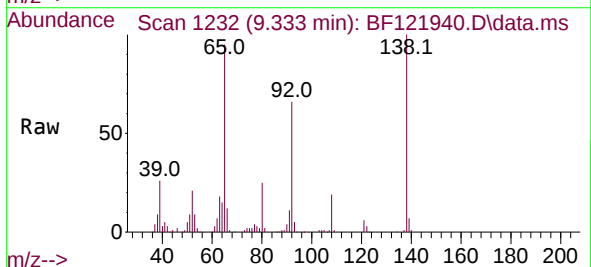
Instrument :
BNA_F
ClientSampled :
HD-4MSD

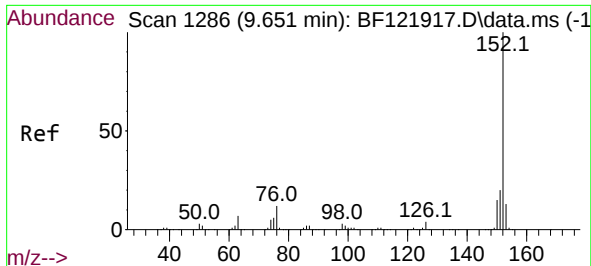
Tgt Ion:162 Resp: 532001
Ion Ratio Lower Upper
162 100
127 41.9 34.4 51.6
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 39.87 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion: 65 Resp: 179928
Ion Ratio Lower Upper
65 100
92 69.3 55.1 82.7
138 104.8 80.5 120.7





#49

Acenaphthylene

Concen: 39.34 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

Tgt Ion:152 Resp: 826716

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

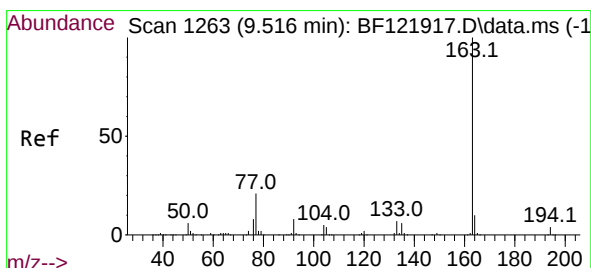
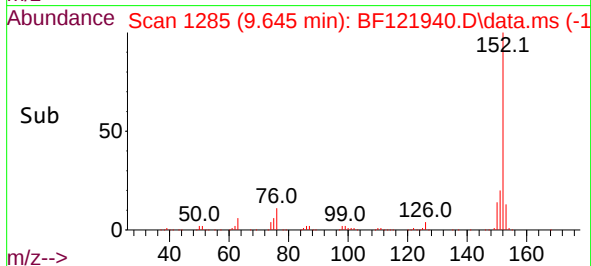
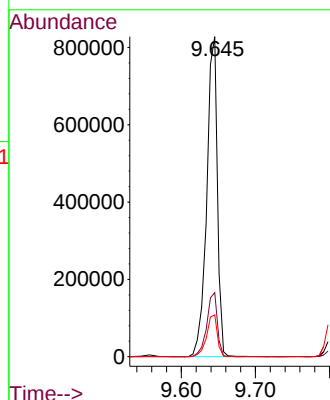
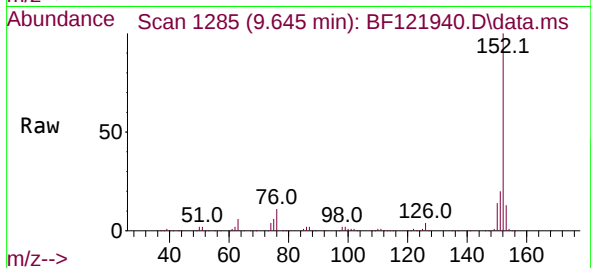
153 13.1 10.6 15.8

Instrument :

BNA_F

ClientSampleId :

HD-4MSD



#50

Dimethylphthalate

Concen: 44.31 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.006 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

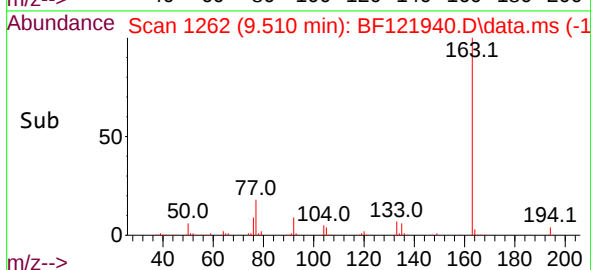
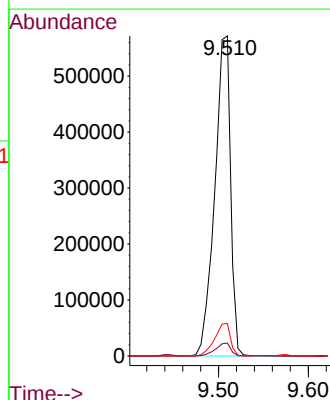
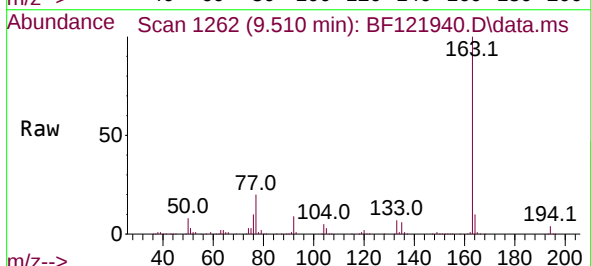
Tgt Ion:163 Resp: 701079

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.2 12.4

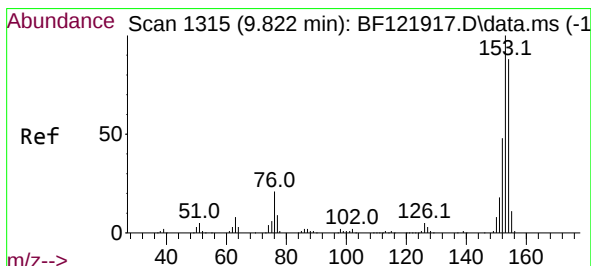
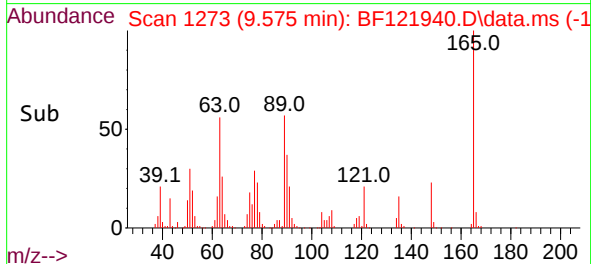
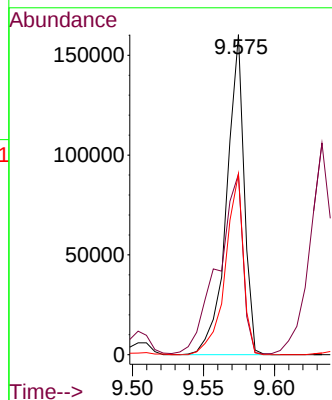
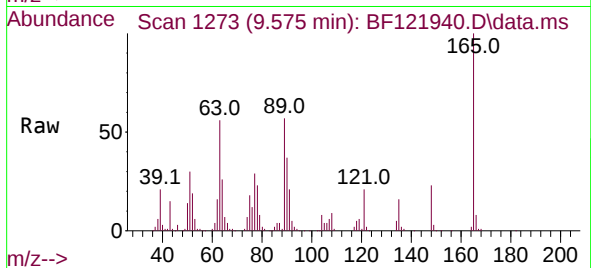




#51
2,6-Dinitrotoluene
Concen: 39.57 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

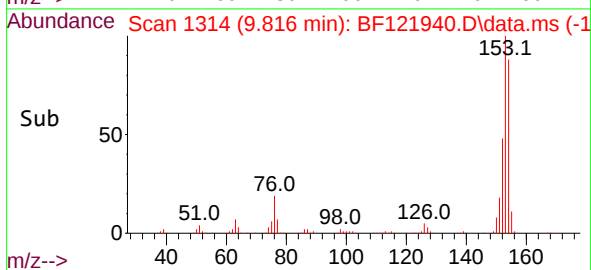
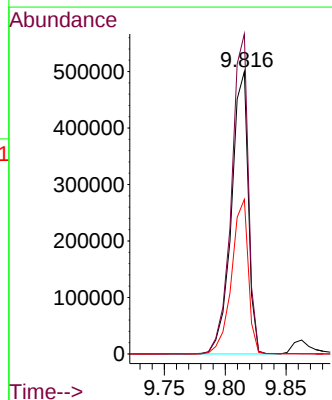
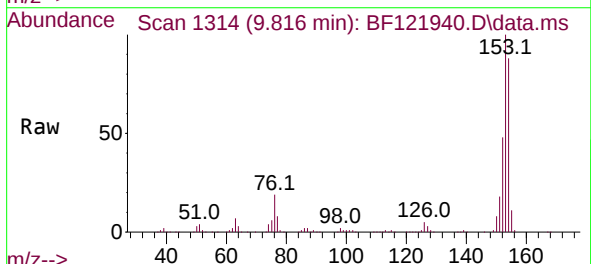
Instrument :
BNA_F
ClientSampled :
HD-4MSD

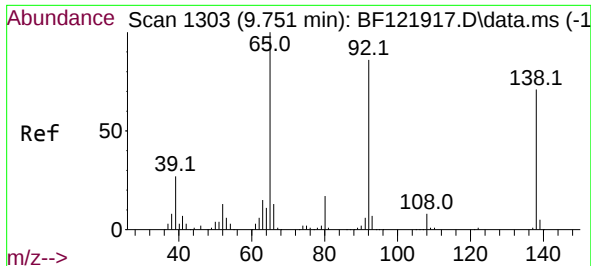
Tgt Ion:165 Resp: 137337
Ion Ratio Lower Upper
165 100
63 56.4 51.8 77.6
89 56.5 49.0 73.6



#52
Acenaphthene
Concen: 38.52 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:154 Resp: 481539
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.8
152 54.8 43.2 64.8

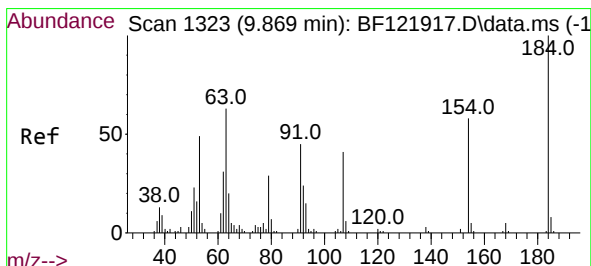
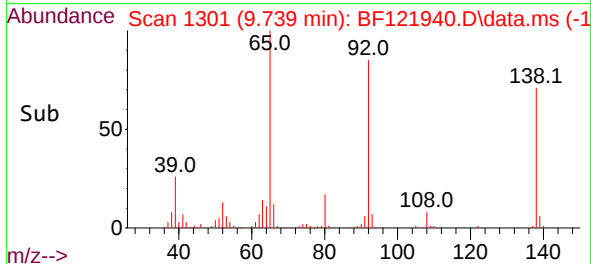
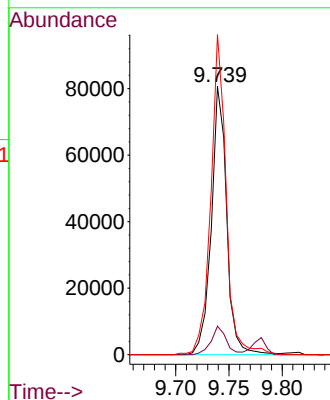
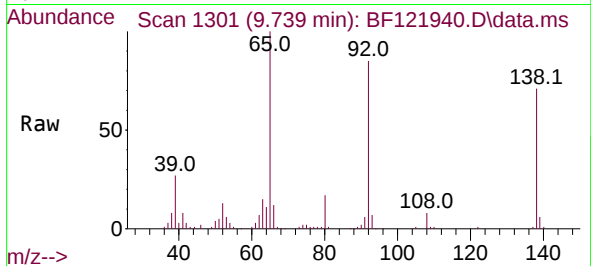




#53
3-Nitroaniline
Concen: 20.49 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

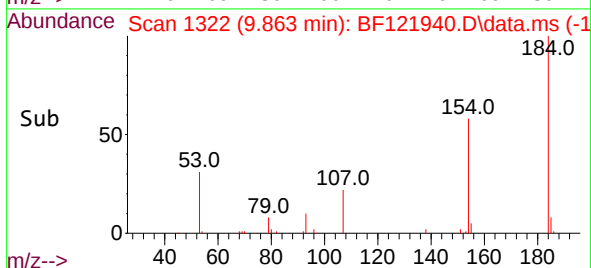
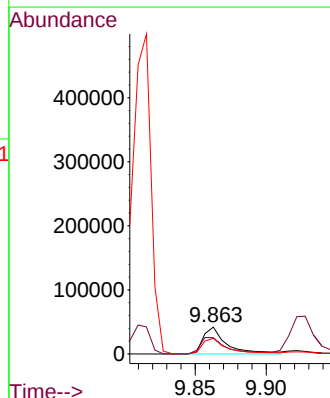
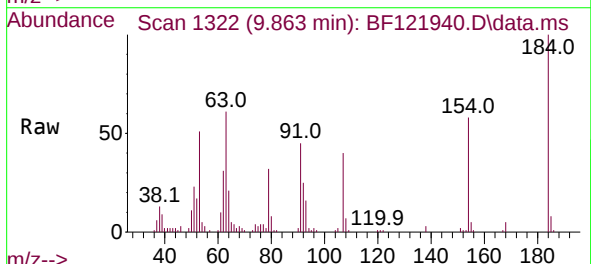
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

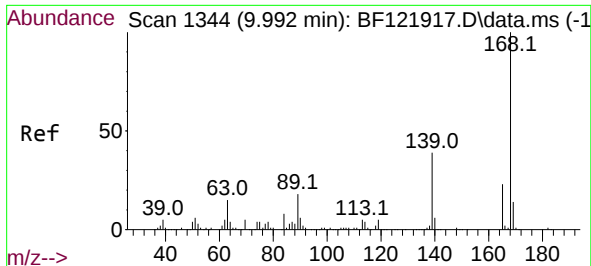
Tgt Ion:	138	Resp:	80883
Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	13.0
92	119.3	96.6	144.8



#54
2,4-Dinitrophenol
Concen: 32.98 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:	184	Resp:	48270
Ion	Ratio	Lower	Upper
184	100		
63	60.9	45.9	68.9
154	58.5	45.8	68.6





#55

Dibenzofuran

Concen: 38.19 ng

RT: 9.986 min Scan# 1343

Delta R.T. -0.006 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

Tgt Ion:168 Resp: 698013

Ion Ratio Lower Upper

168 100

139 38.9 31.0 46.6

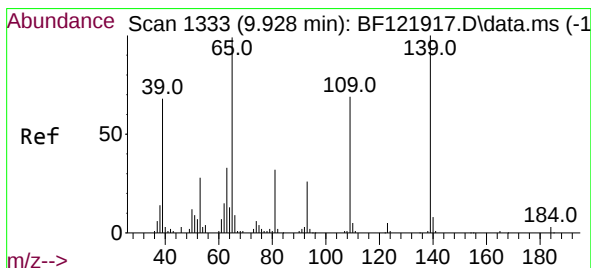
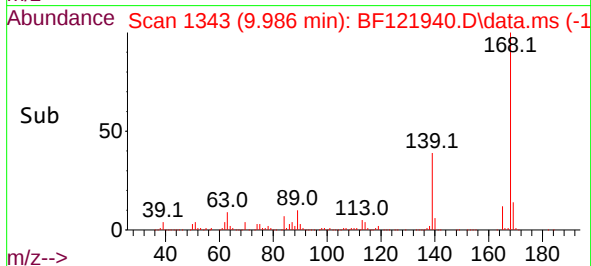
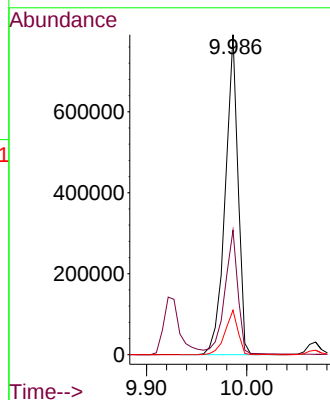
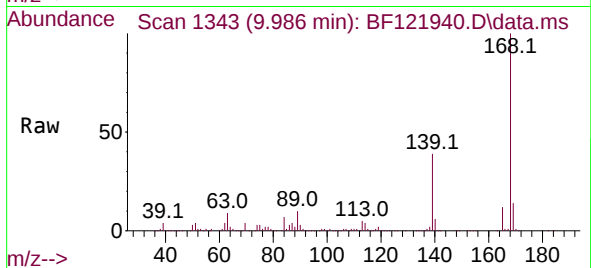
169 13.9 11.3 16.9

Instrument :

BNA_F

ClientSampleId :

HD-4MSD



#56

4-Nitrophenol

Concen: 76.40 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

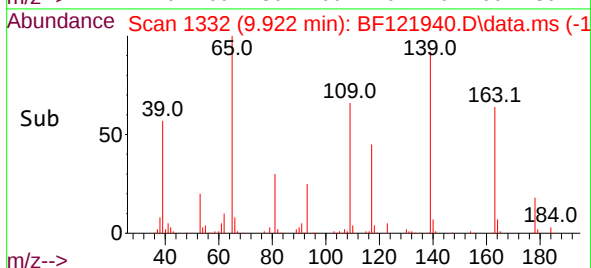
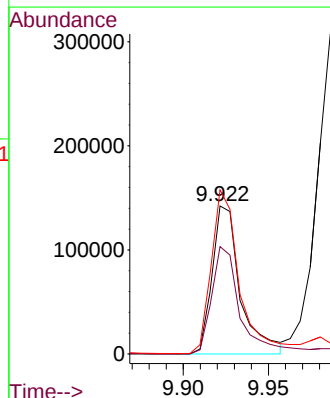
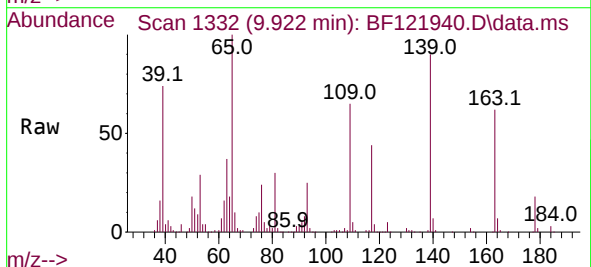
Tgt Ion:139 Resp: 164046

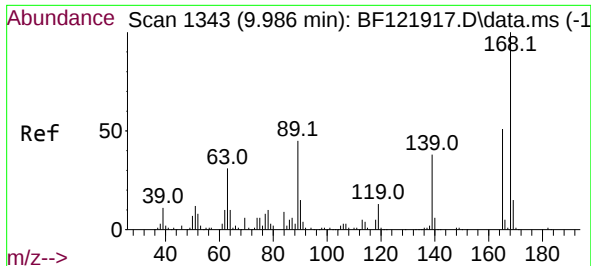
Ion Ratio Lower Upper

139 100

109 72.5 45.4 85.4

65 110.9 68.4 108.4#

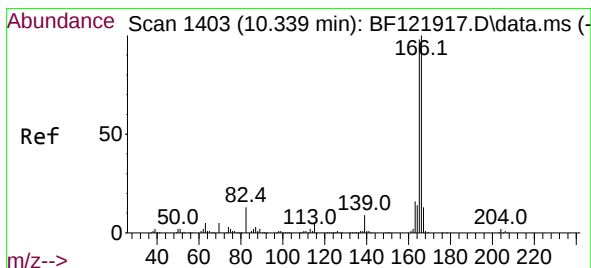
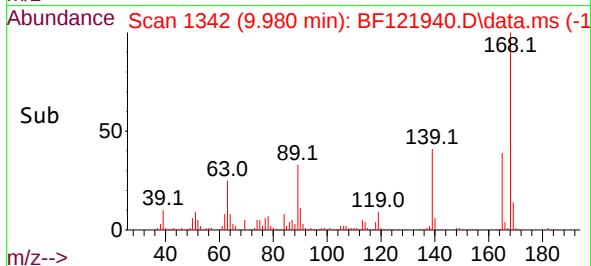
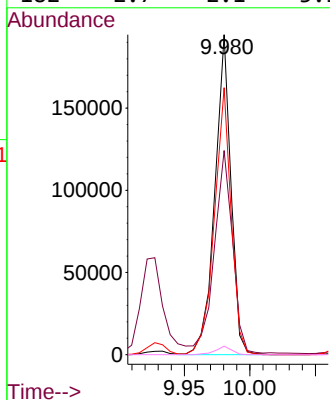
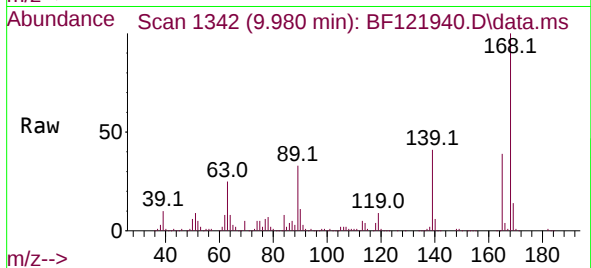




#57
2,4-Dinitrotoluene
Concen: 38.97 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

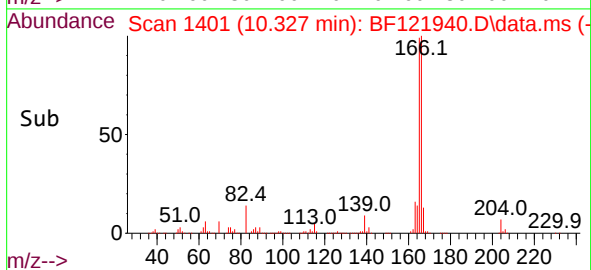
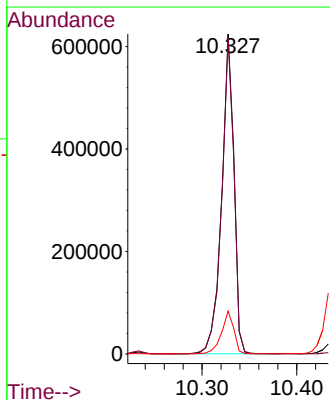
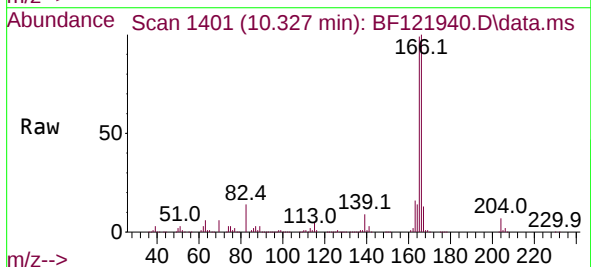
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

Tgt Ion:165 Resp: 166507
Ion Ratio Lower Upper
165 100
63 63.8 41.3 61.9#
89 83.4 61.8 92.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 38.24 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:166 Resp: 563224
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.4 11.0 16.6

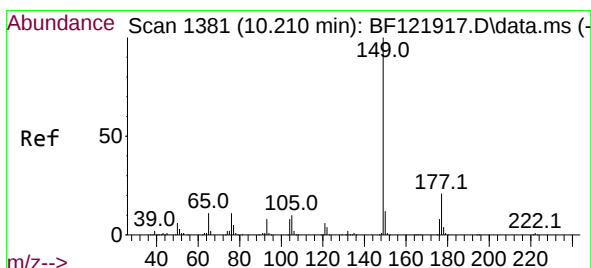
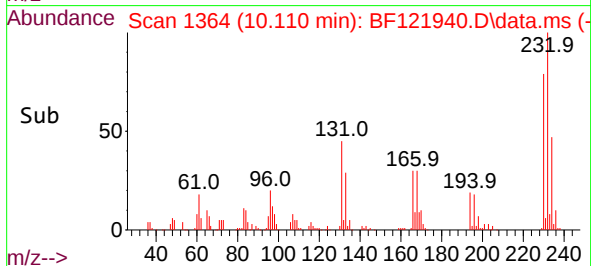
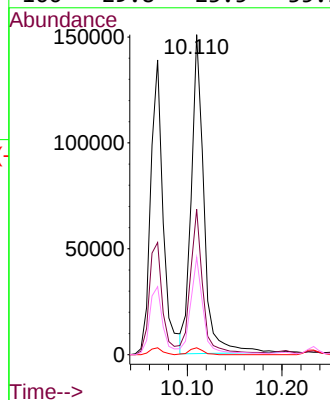
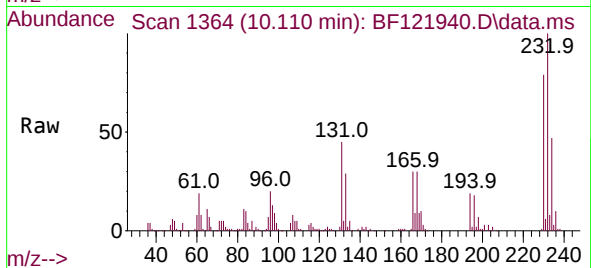




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.93 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

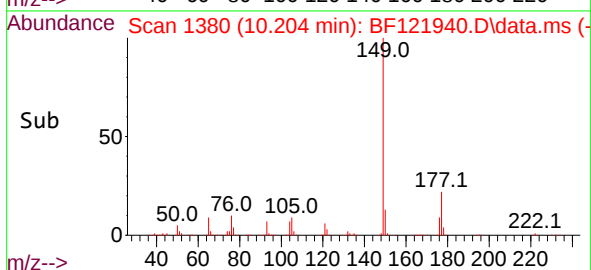
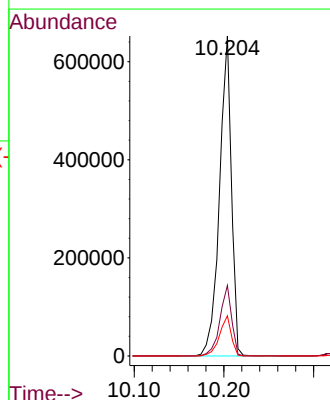
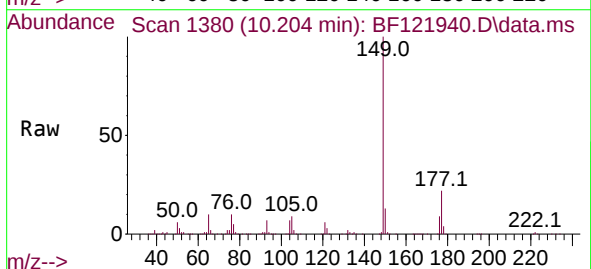
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

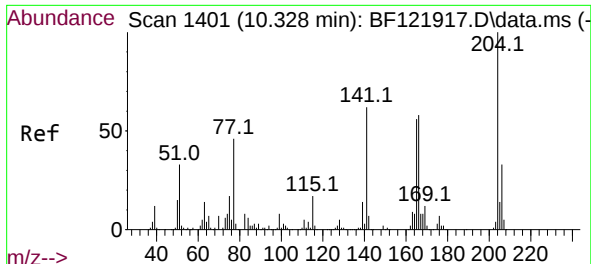
Tgt Ion:232 Resp: 140154
Ion Ratio Lower Upper
232 100
131 44.5 35.9 53.9
130 2.4 1.8 2.6
166 29.8 23.5 35.3



#60
Diethylphthalate
Concen: 39.46 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:149 Resp: 601982
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.6 10.3 15.5

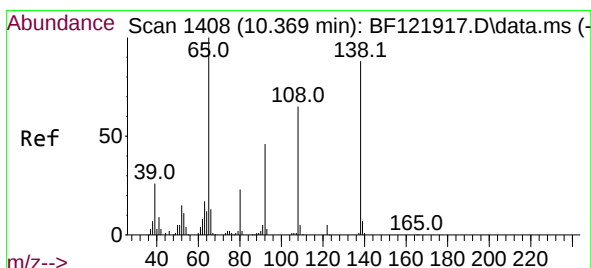
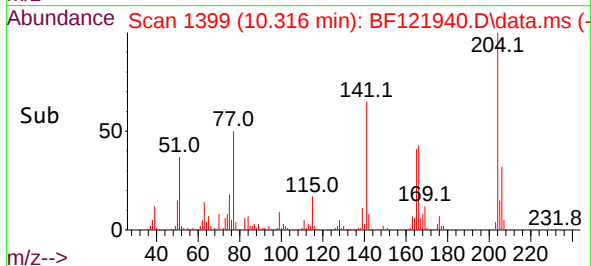
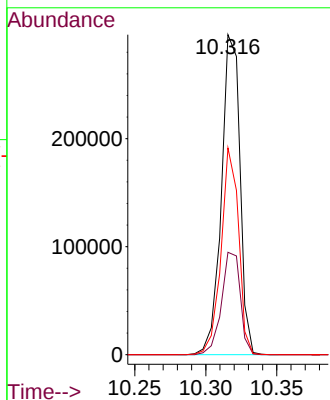
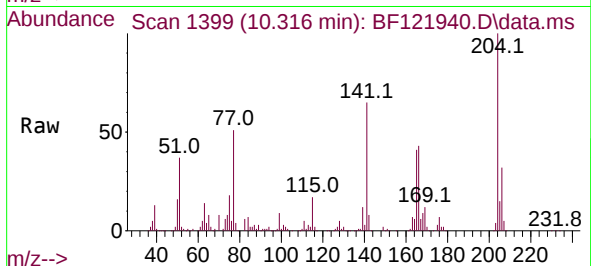




#61
4-Chlorophenyl-phenylether
Concen: 37.96 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

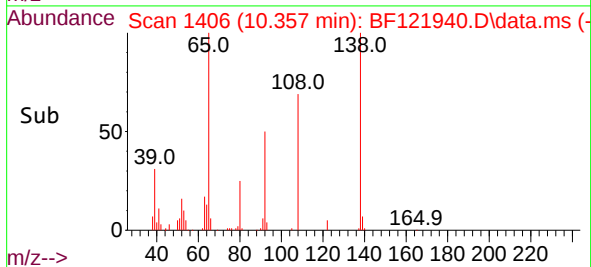
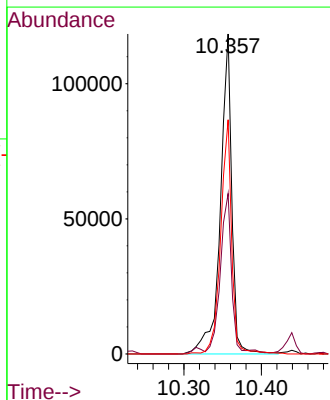
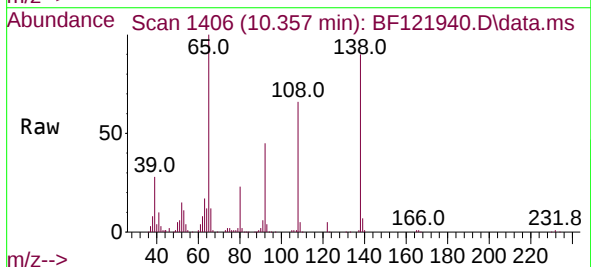
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

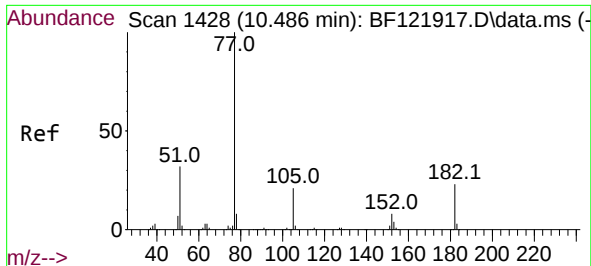
Tgt Ion:204 Resp: 268122
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 64.6 46.2 69.4



#62
4-Nitroaniline
Concen: 30.84 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:138 Resp: 121630
Ion Ratio Lower Upper
138 100
92 50.1 31.0 71.0
108 73.2 51.5 91.5

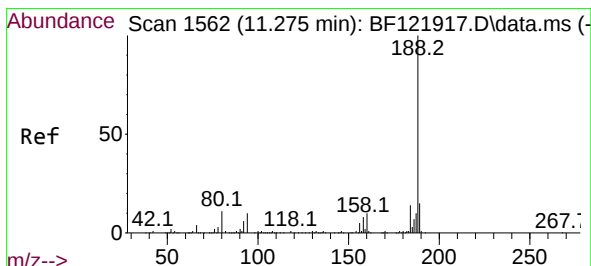
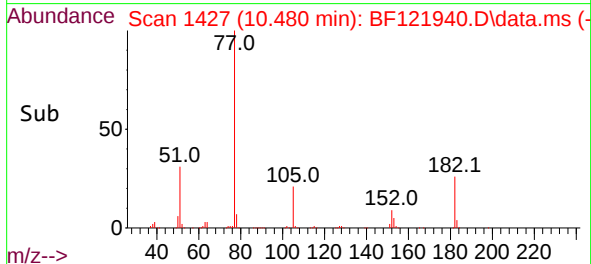
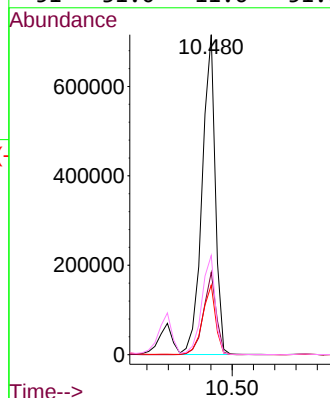
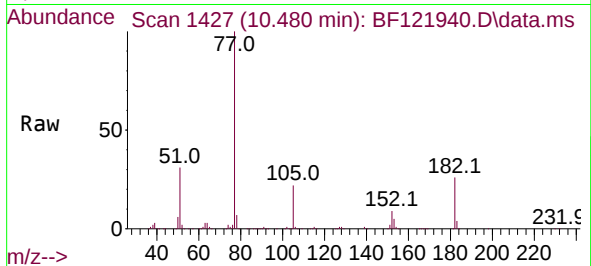




#63
Azobenzene
Concen: 38.06 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

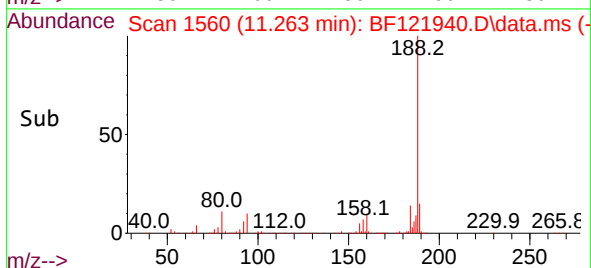
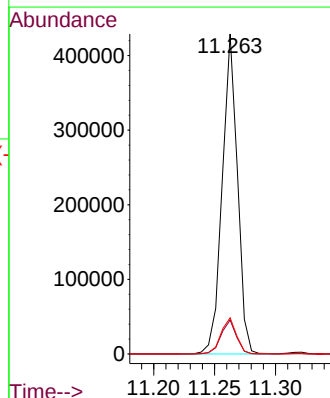
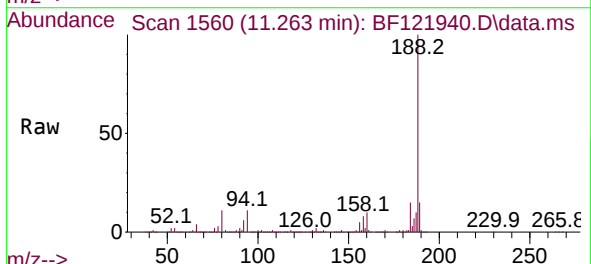
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

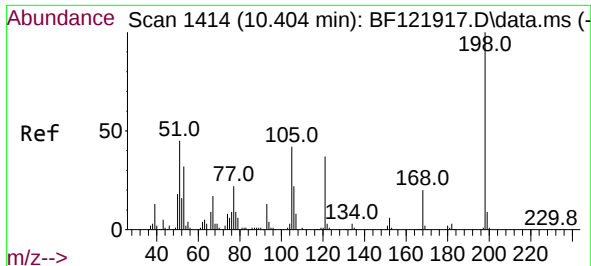
Tgt Ion: 77	Resp: 614090
Ion Ratio	Lower Upper
77 100	
182 25.7	3.4 43.4
105 21.8	1.7 41.7
51 31.0	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion: 188	Resp: 374056
Ion Ratio	Lower Upper
188 100	
94 10.6	8.3 12.5
80 11.3	9.1 13.7

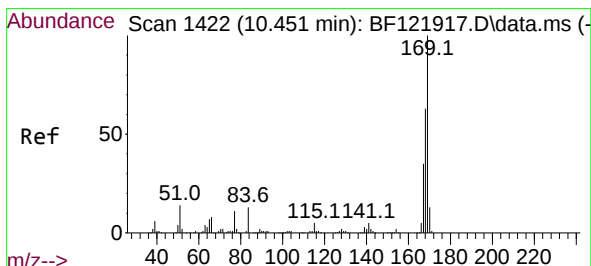
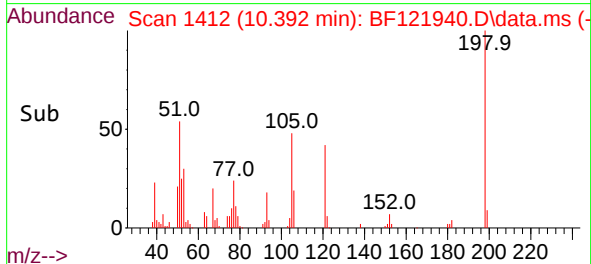
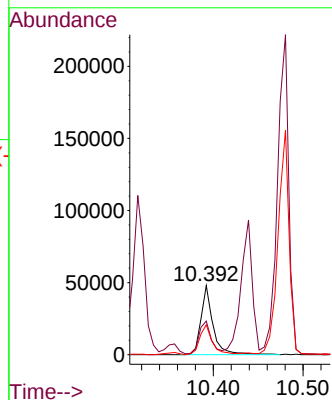
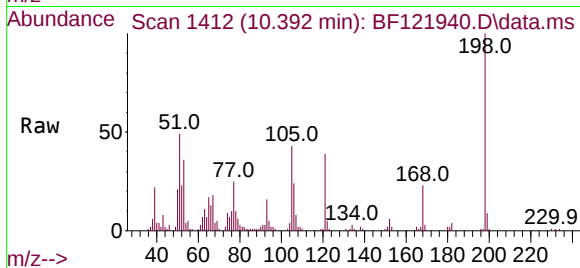




#65
4,6-Dinitro-2-methylphenol
Concen: 20.54 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

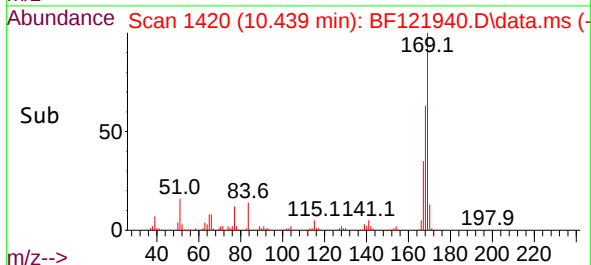
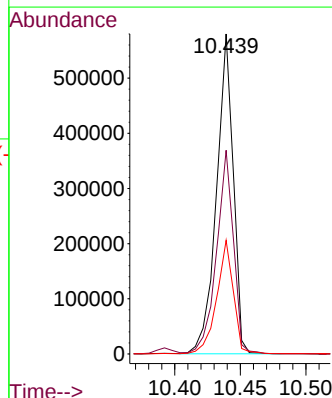
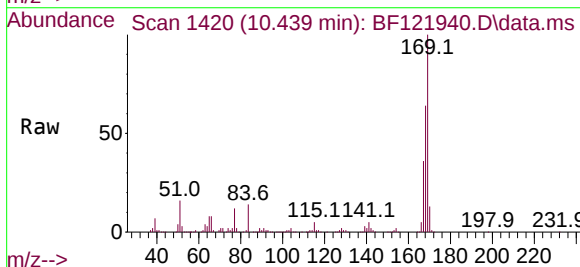
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

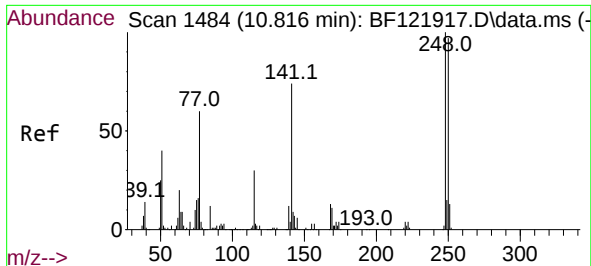
Tgt Ion:198 Resp: 44472
Ion Ratio Lower Upper
198 100
51 48.6 29.6 69.6
105 43.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 39.98 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:169 Resp: 515109
Ion Ratio Lower Upper
169 100
168 63.7 50.0 75.0
167 35.5 27.8 41.6

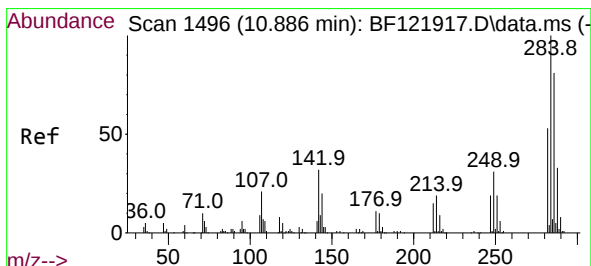
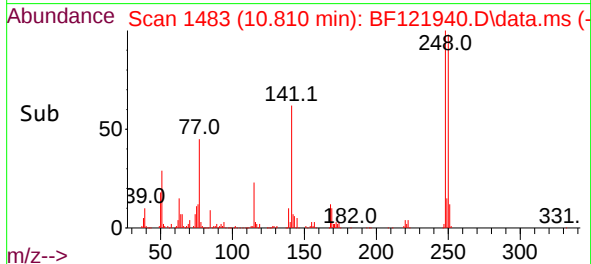
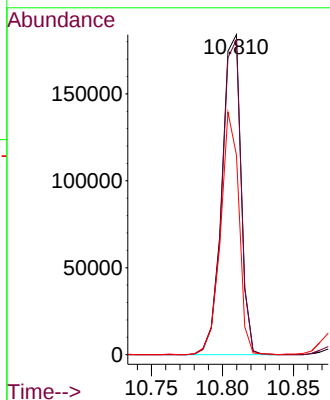
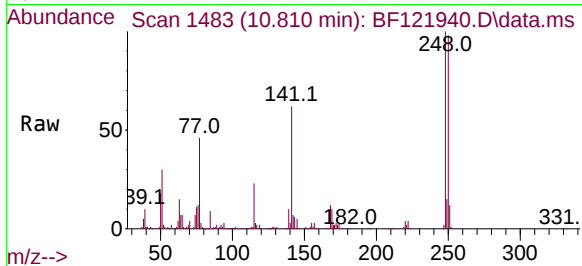




#67
4-Bromophenyl-phenylether
Concen: 39.82 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

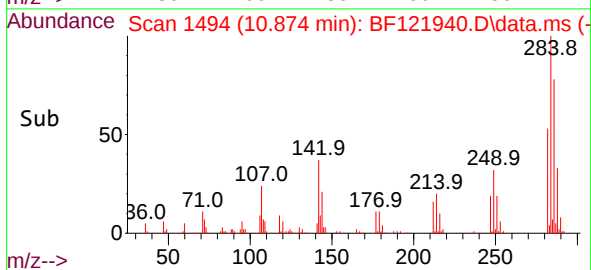
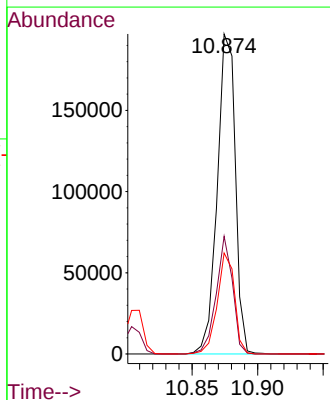
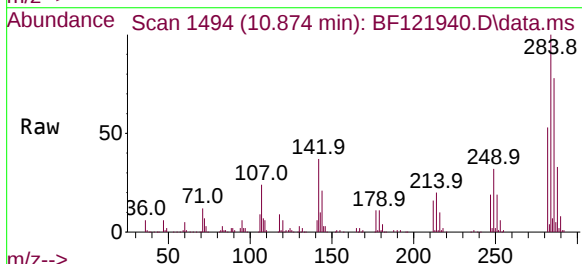
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

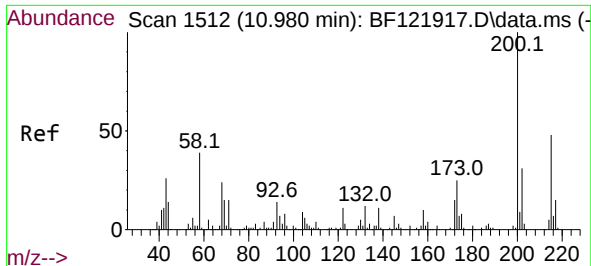
Tgt Ion:248 Resp: 172067
Ion Ratio Lower Upper
248 100
250 98.4 77.0 115.6
141 62.4 53.7 80.5



#68
Hexachlorobenzene
Concen: 38.57 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:284 Resp: 188642
Ion Ratio Lower Upper
284 100
142 36.7 27.4 41.2
249 31.6 24.2 36.4

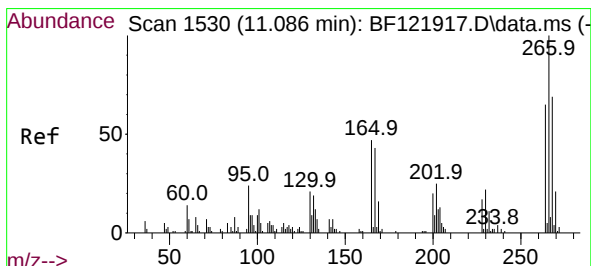
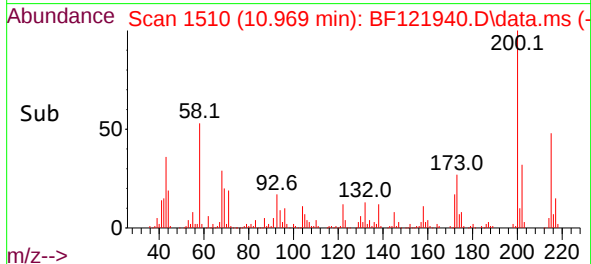
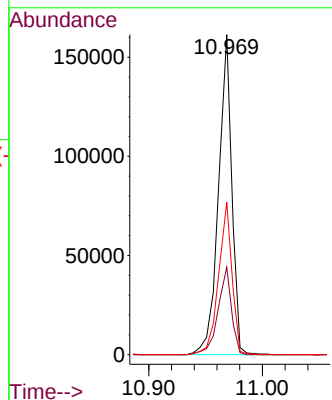
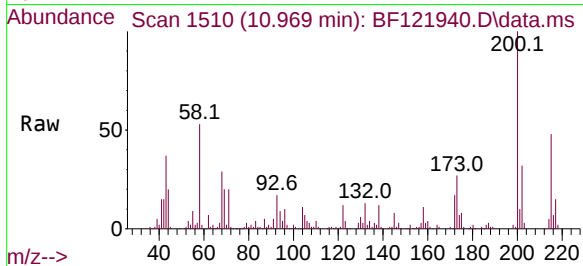




#69
Atrazine
Concen: 41.98 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

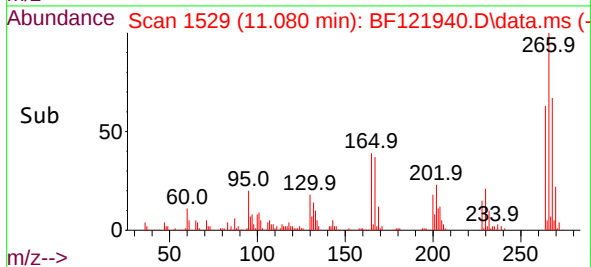
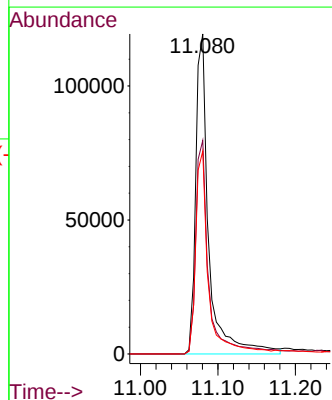
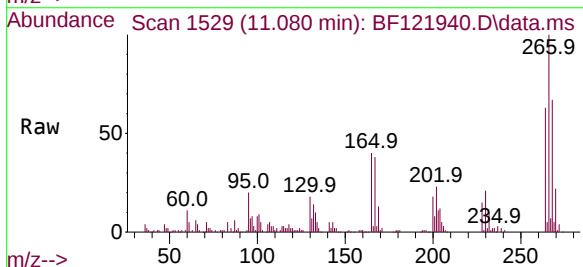
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

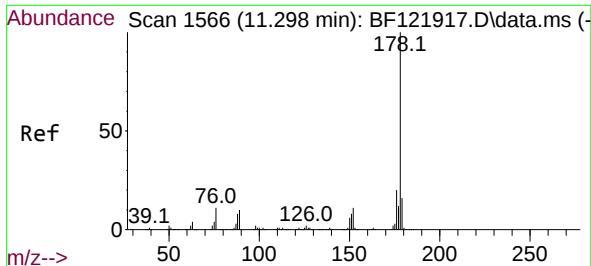
Tgt Ion:200 Resp: 132275
Ion Ratio Lower Upper
200 100
173 27.4 7.5 47.5
215 47.6 27.1 67.1



#70
Pentachlorophenol
Concen: 73.25 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:266 Resp: 139454
Ion Ratio Lower Upper
266 100
268 66.7 52.4 78.6
264 63.4 49.9 74.9

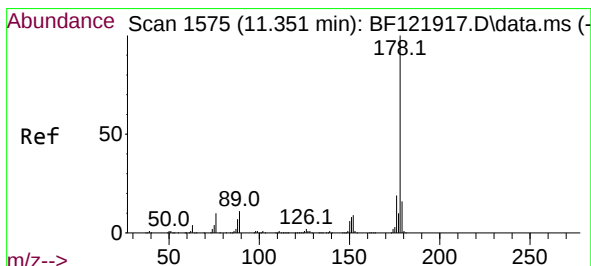
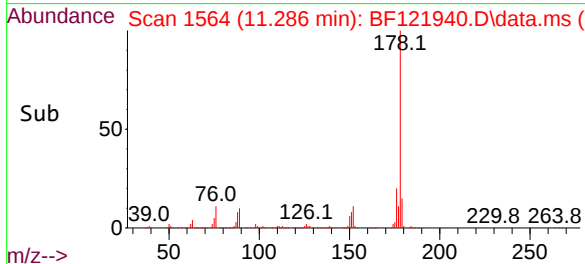
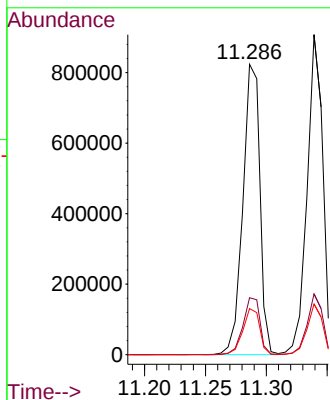
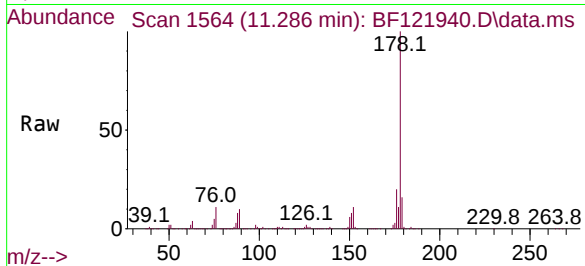




#71
Phenanthrene
Concen: 39.14 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

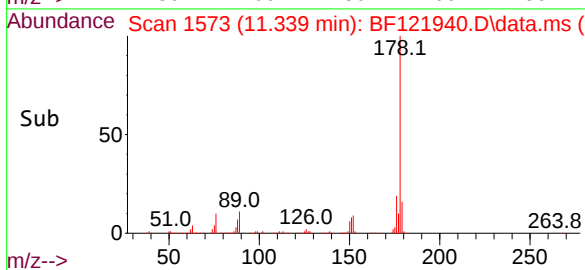
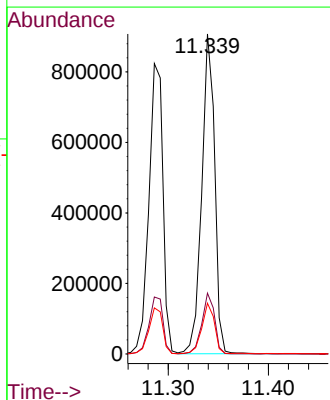
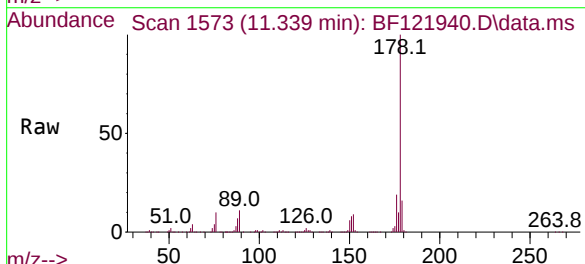
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

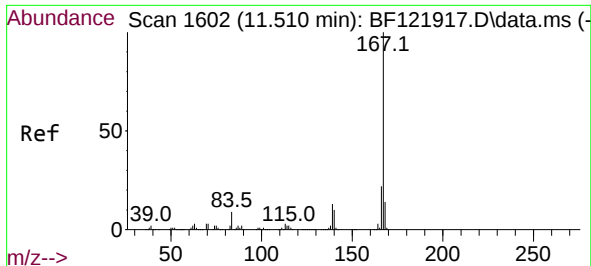
Tgt Ion:178 Resp: 802818
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.9 12.2 18.4



#72
Anthracene
Concen: 38.39 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:178 Resp: 816715
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.9 12.7 19.1

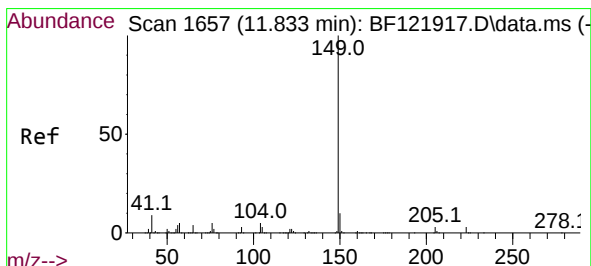
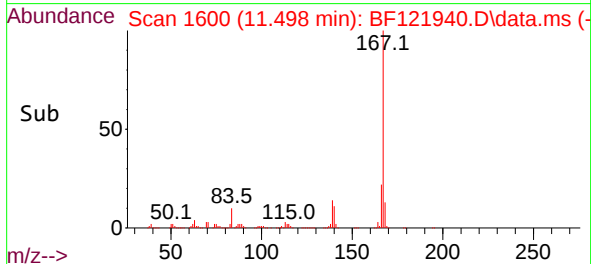
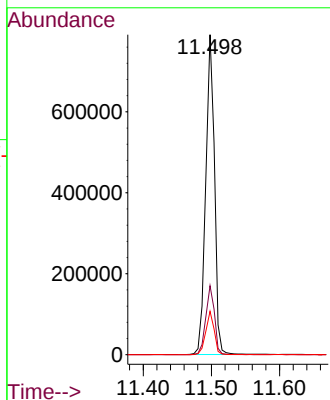
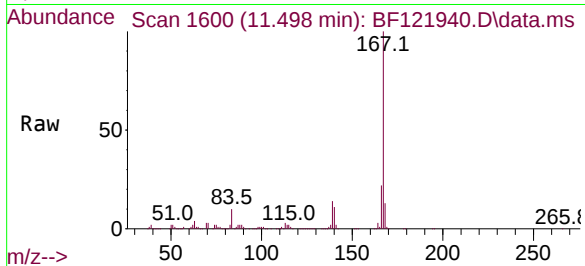




#73
 Carbazole
 Concen: 37.42 ng
 RT: 11.498 min Scan# 1600
 Delta R.T. -0.012 min
 Lab File: BF121940.D
 Acq: 13 Oct 2020 16:10

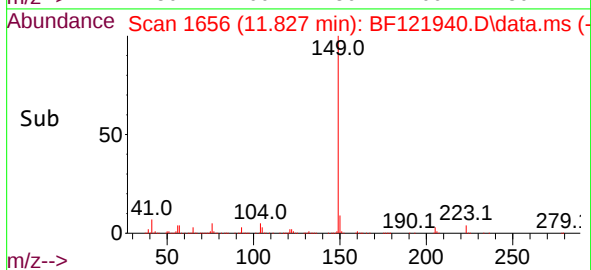
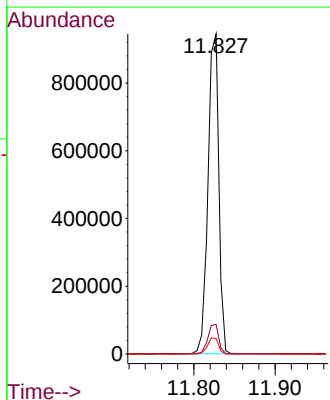
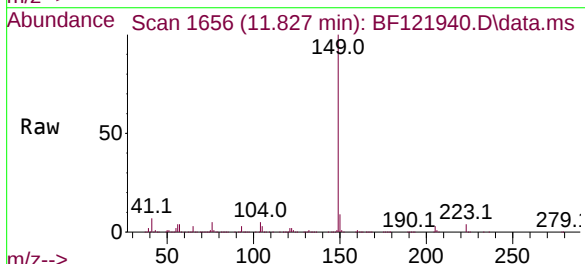
Instrument :
 BNA_F
 ClientSampleId :
 HD-4MSD

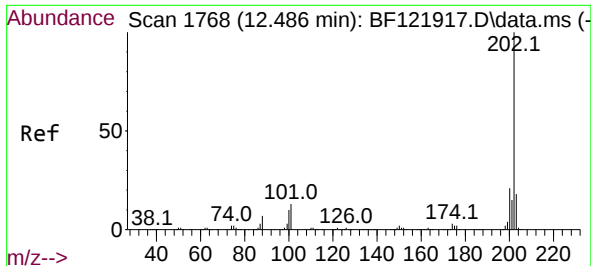
Tgt Ion:167	Resp: 707737
Ion Ratio	Lower Upper
167 100	
166 21.5	17.8 26.6
139 13.6	10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.06 ng
 RT: 11.827 min Scan# 1656
 Delta R.T. -0.006 min
 Lab File: BF121940.D
 Acq: 13 Oct 2020 16:10

Tgt Ion:149	Resp: 871637
Ion Ratio	Lower Upper
149 100	
150 9.2	7.7 11.5
104 4.9	4.2 6.2

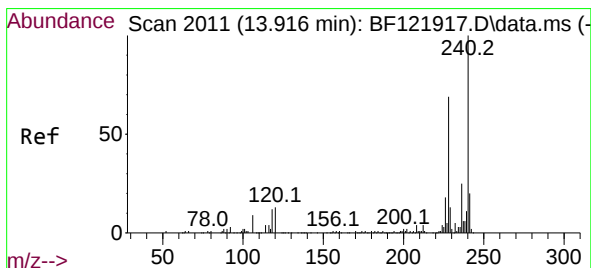
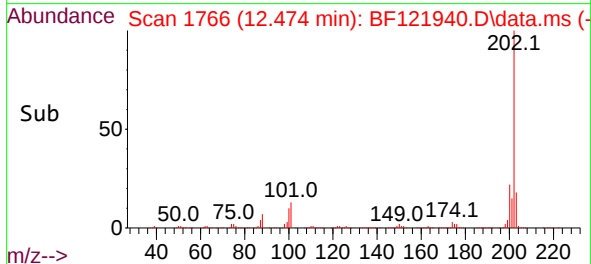
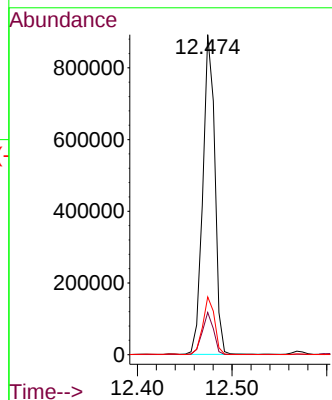
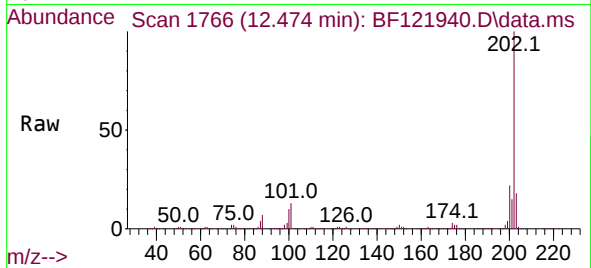




#75
Fluoranthene
Concen: 35.86 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

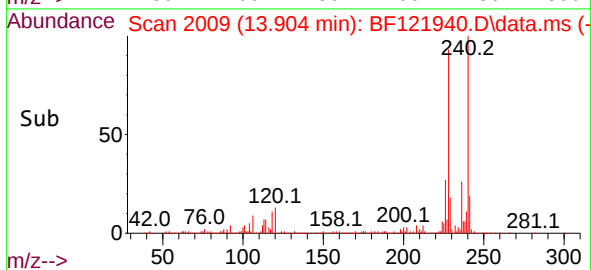
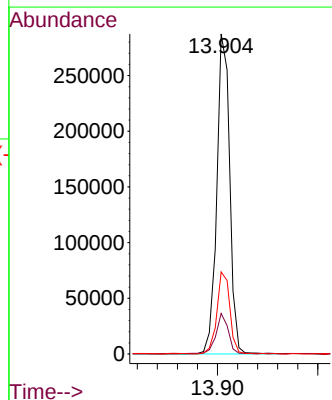
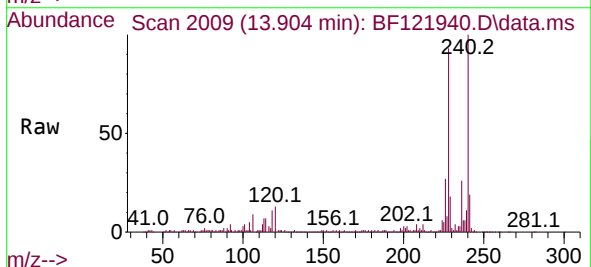
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

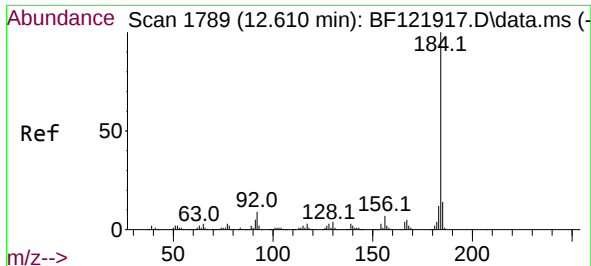
Tgt Ion:202 Resp: 788719
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.4
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:240 Resp: 256026
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.6 20.9 31.3

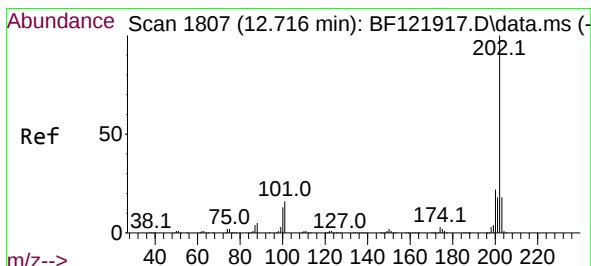
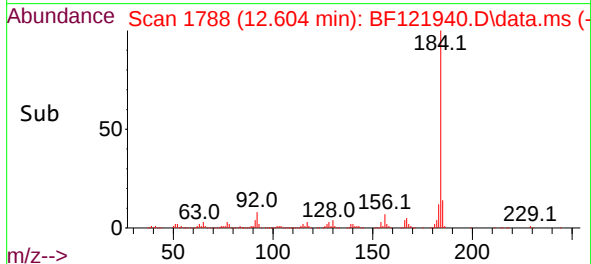
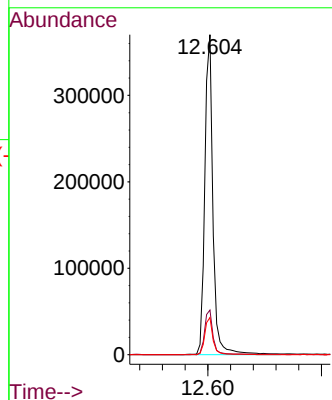
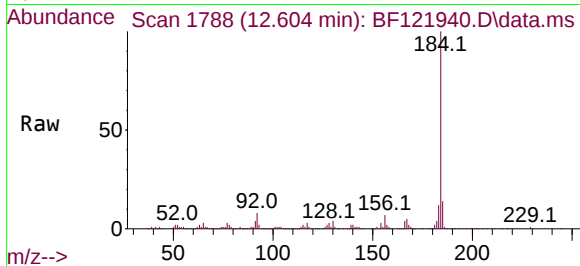




#77
Benzidine
Concen: 46.58 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

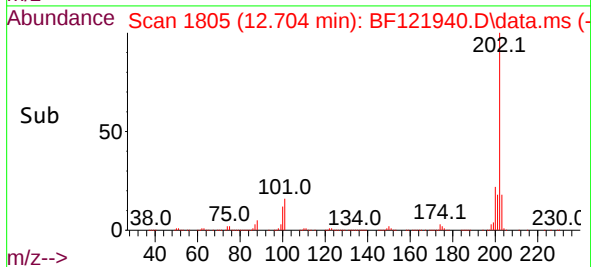
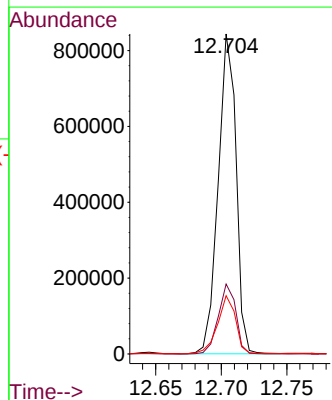
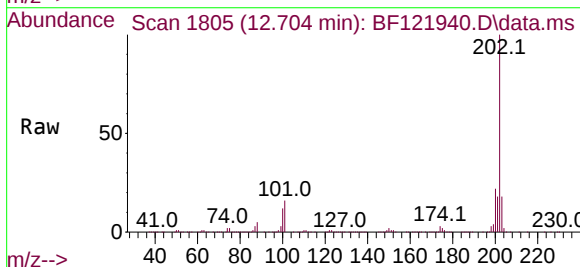
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

Tgt Ion:184 Resp: 367700
Ion Ratio Lower Upper
184 100
185 13.9 11.6 17.4
183 11.6 9.4 14.0



#78
Pyrene
Concen: 40.87 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:202 Resp: 797431
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.2 14.6 21.8

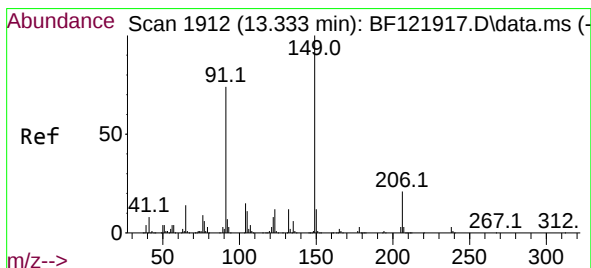
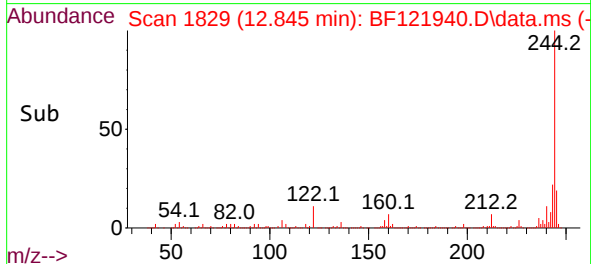
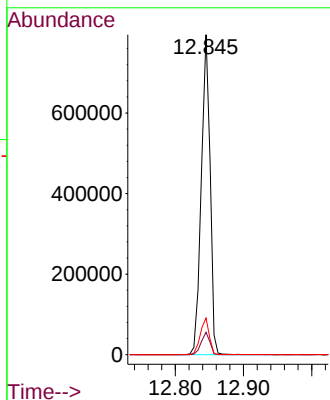
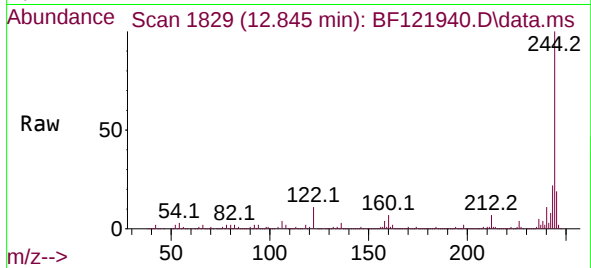




#79
 Terphenyl-d14
 Concen: 53.03 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.018 min
 Lab File: BF121940.D
 Acq: 13 Oct 2020 16:10

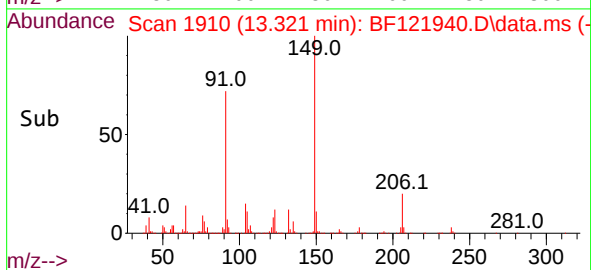
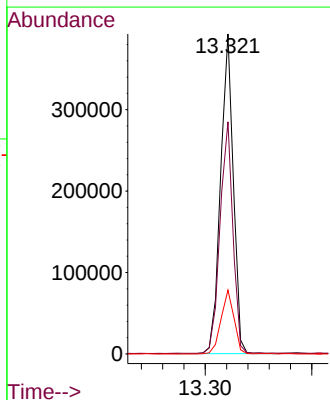
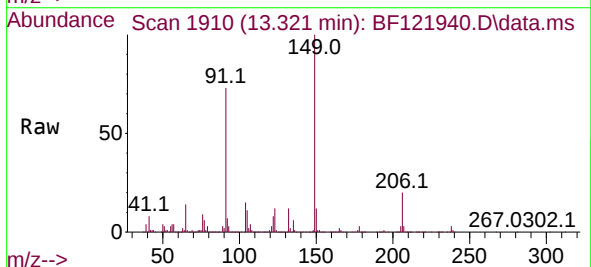
Instrument :
 BNA_F
 ClientSampleId :
 HD-4MSD

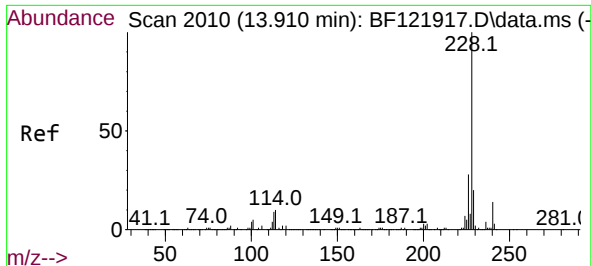
Tgt Ion:244 Resp: 712452
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.5 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 41.94 ng
 RT: 13.321 min Scan# 1910
 Delta R.T. -0.012 min
 Lab File: BF121940.D
 Acq: 13 Oct 2020 16:10

Tgt Ion:149 Resp: 324519
 Ion Ratio Lower Upper
 149 100
 91 72.6 61.0 91.4
 206 20.0 16.7 25.1

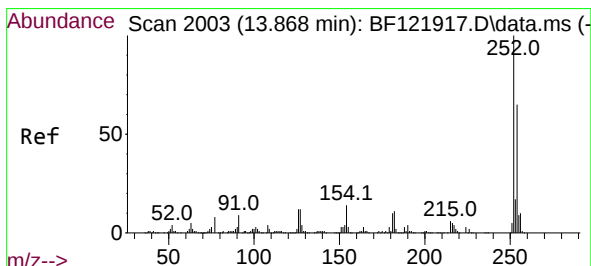
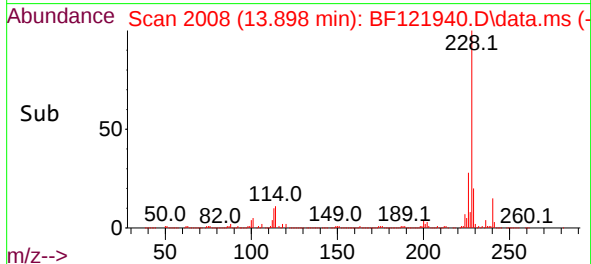
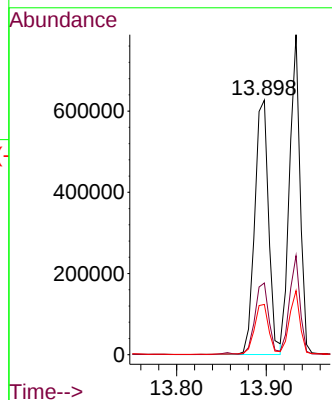
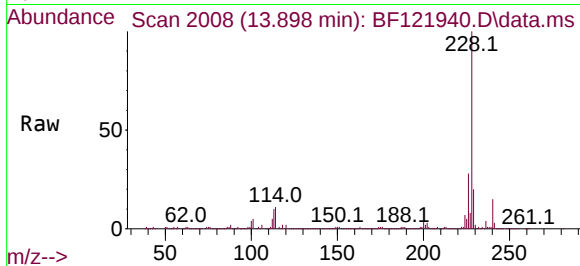




#81
Benzo(a)anthracene
Concen: 40.18 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

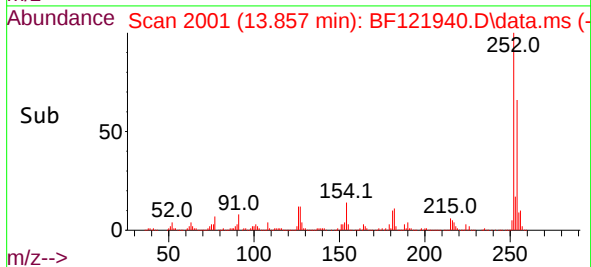
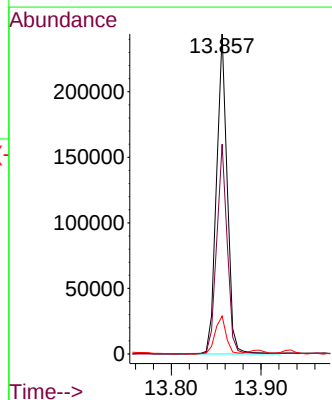
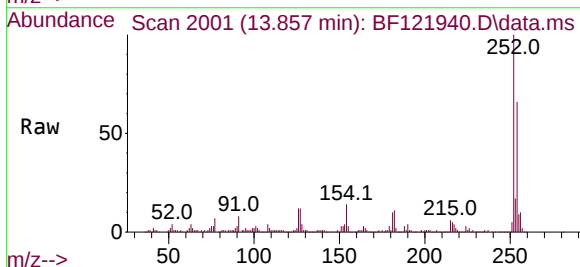
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

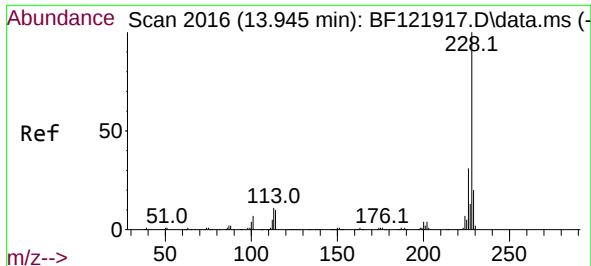
Tgt Ion:228 Resp: 674134
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 19.7 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 32.55 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:252 Resp: 202590
Ion Ratio Lower Upper
252 100
254 65.5 51.8 77.6
126 11.8 8.8 13.2

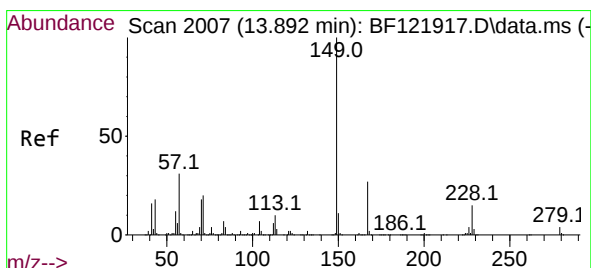
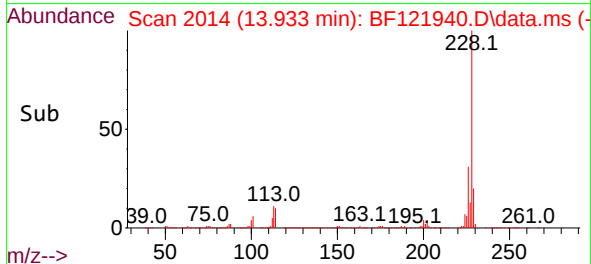
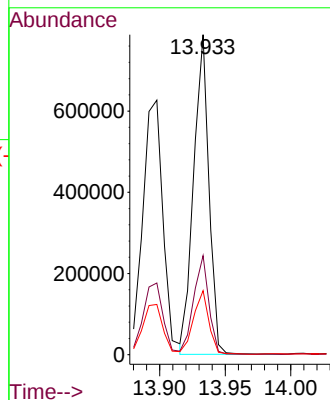
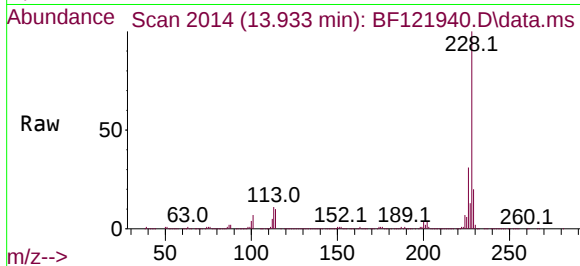




#83
Chrysene
Concen: 38.83 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

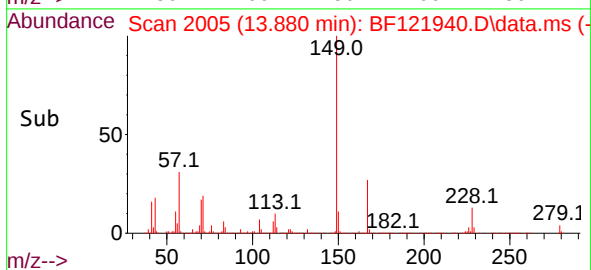
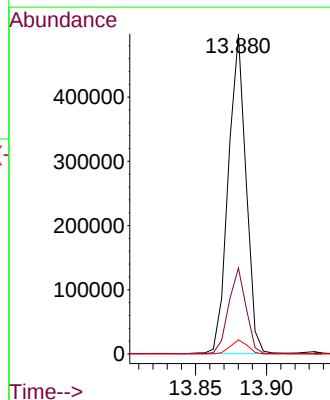
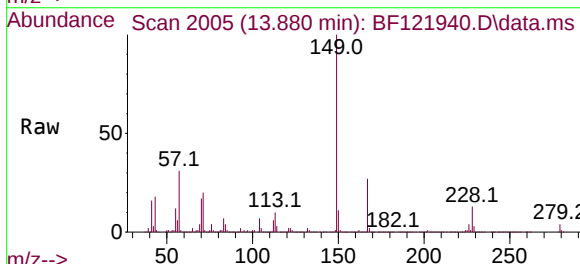
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

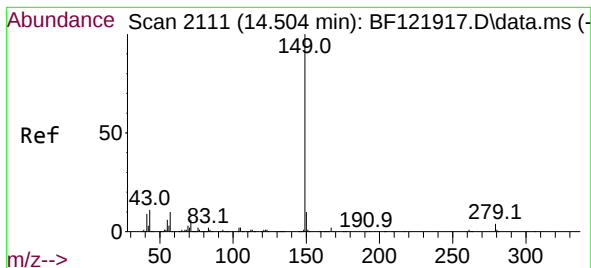
Tgt Ion:228 Resp: 639550
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.0 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.07 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:149 Resp: 431442
Ion Ratio Lower Upper
149 100
167 26.9 20.9 31.3
279 4.4 3.2 4.8

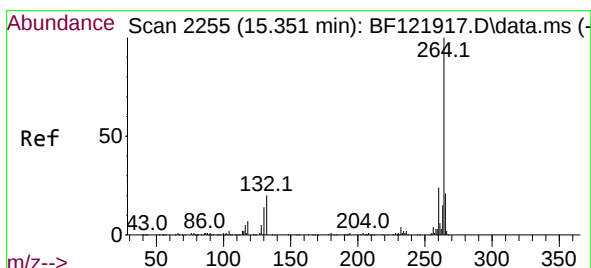
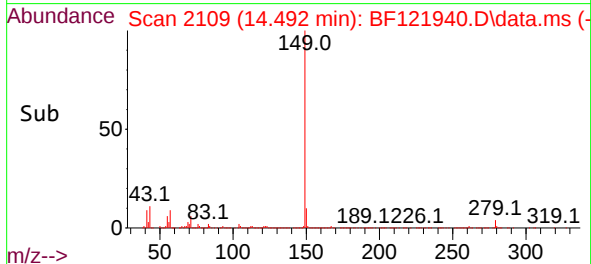
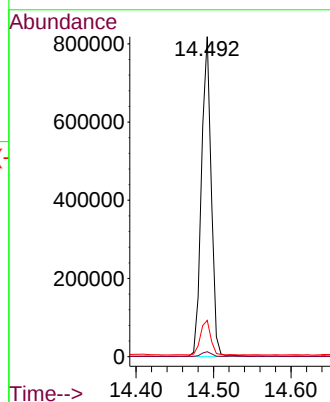
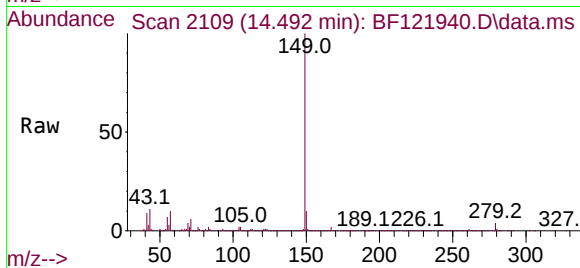




#85
Di-n-octyl phthalate
Concen: 42.03 ng
RT: 14.492 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

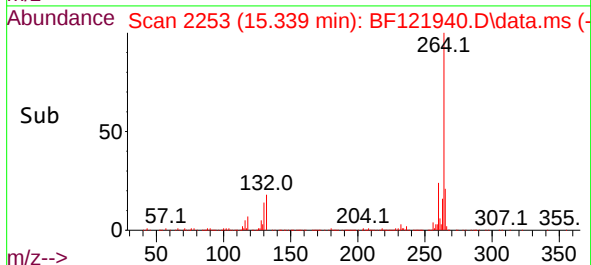
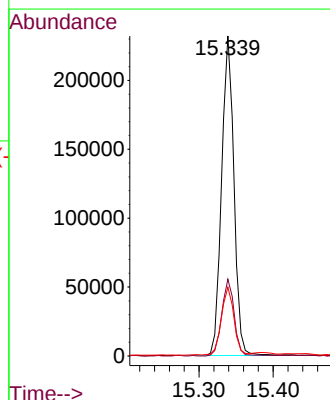
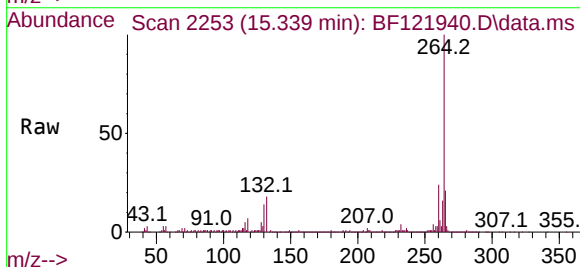
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

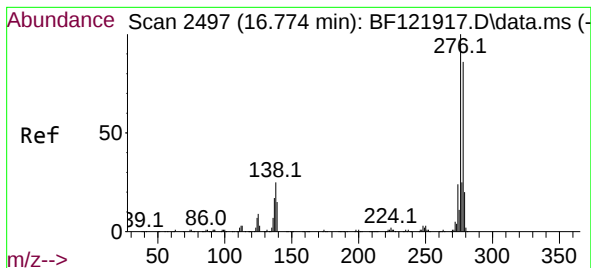
Tgt Ion:149 Resp: 714093
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:264 Resp: 268269
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.15 ng

RT: 16.762 min Scan# 2495

Delta R.T. -0.012 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

Tgt Ion:276 Resp: 768983

Ion Ratio Lower Upper

276 100

138 23.9 19.9 29.9

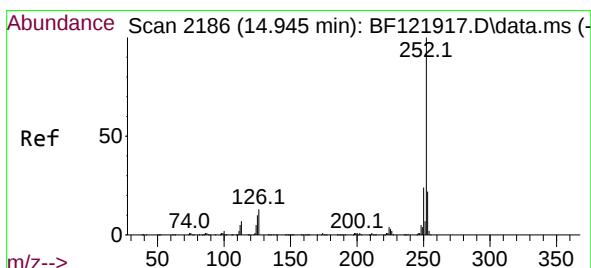
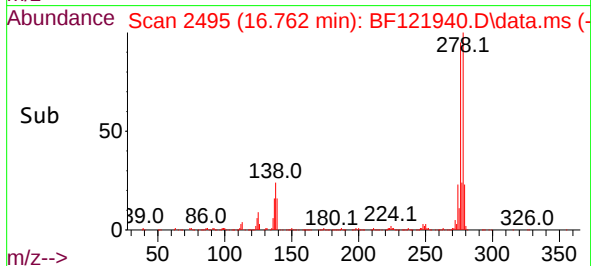
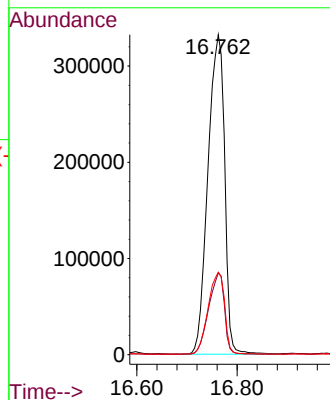
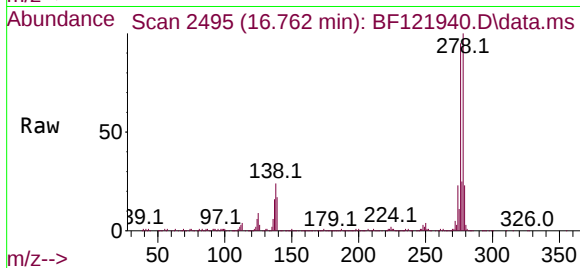
277 25.3 20.4 30.6

Instrument :

BNA_F

ClientSampleId :

HD-4MSD



#88

Benzo(b)fluoranthene

Concen: 39.80 ng

RT: 14.933 min Scan# 2184

Delta R.T. -0.012 min

Lab File: BF121940.D

Acq: 13 Oct 2020 16:10

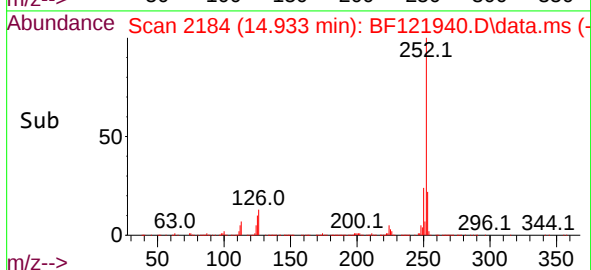
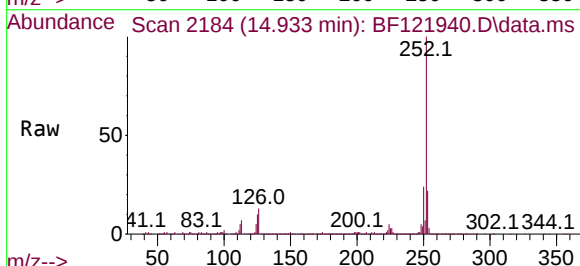
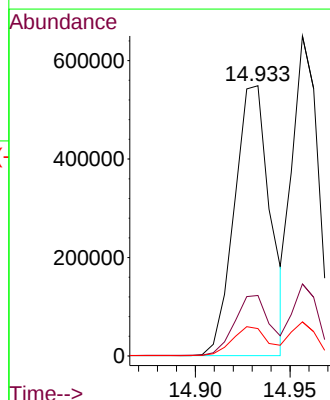
Tgt Ion:252 Resp: 721763

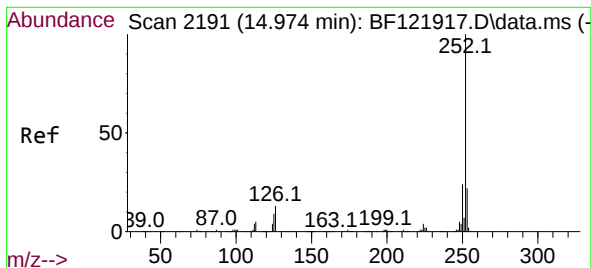
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 10.1 8.0 12.0

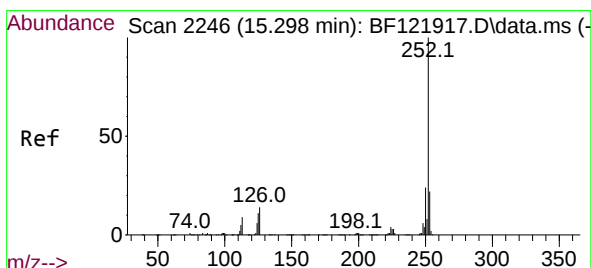
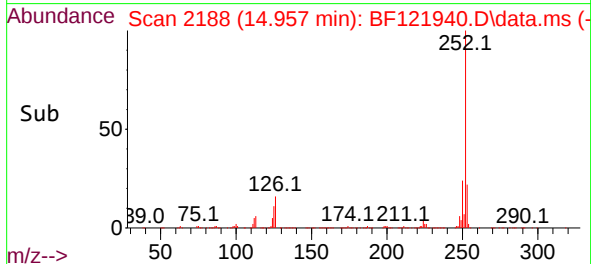
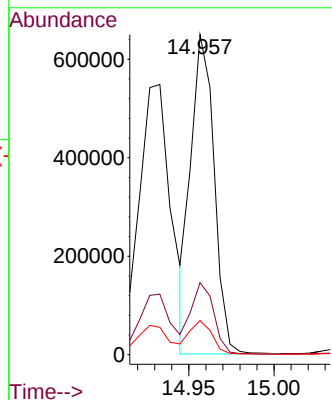
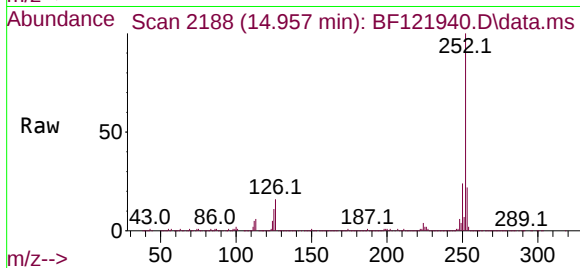




#89
Benzo(k)fluoranthene
Concen: 35.77 ng
RT: 14.957 min Scan# 2188
Delta R.T. -0.018 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

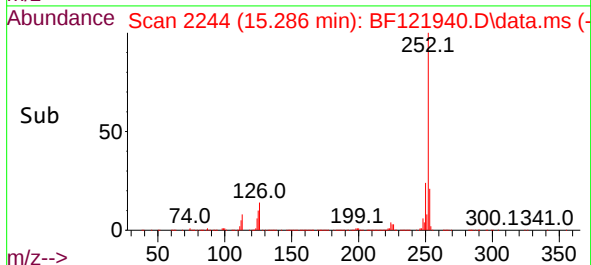
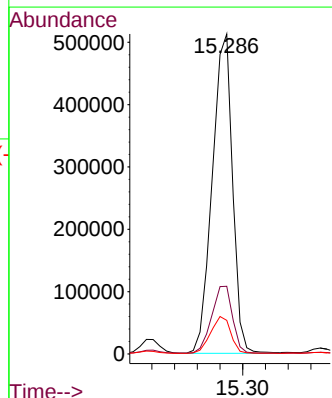
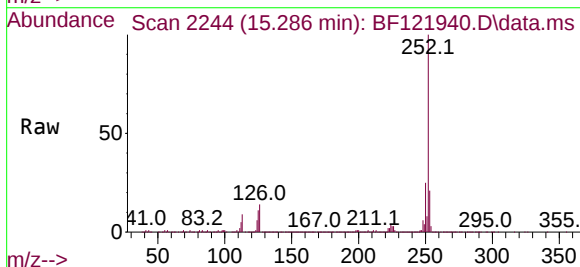
Instrument :
BNA_F
ClientSampleId :
HD-4MSD

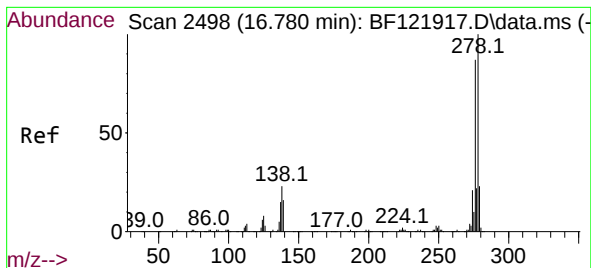
Tgt Ion:252 Resp: 616213
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.50 ng
RT: 15.286 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:252 Resp: 634295
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 10.5 8.6 13.0

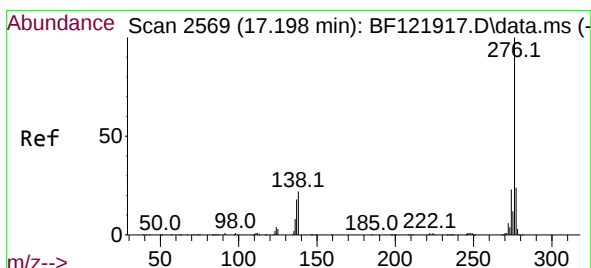
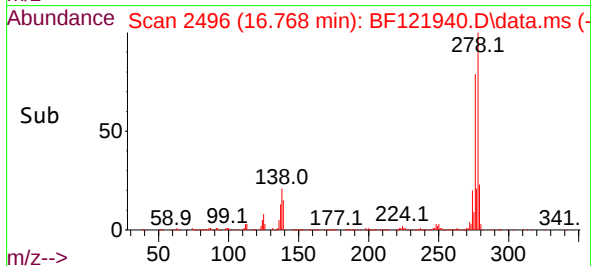
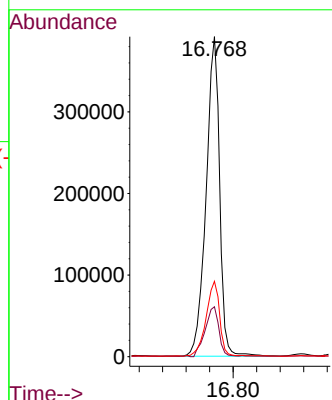
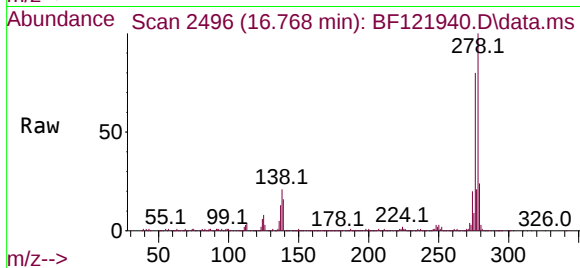




#91
Dibenzo(a,h)anthracene
Concen: 43.68 ng
RT: 16.768 min Scan# 2496
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Instrument :
BNA_F
ClientSampleId :
HD-4MSD

Tgt Ion:278 Resp: 626495
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 44.61 ng
RT: 17.186 min Scan# 2567
Delta R.T. -0.012 min
Lab File: BF121940.D
Acq: 13 Oct 2020 16:10

Tgt Ion:276 Resp: 640286
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 20.5 17.8 26.6

