

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127220.D
 Acq On : 07 Mar 2022 13:32
 Operator : CG\JU
 Sample : N1751-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MSD

Quant Time: Mar 07 14:59:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83970	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	317853	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	157449	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	267531	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	135965	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	151544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	614327	113.075	ng	0.01
7) Phenol-d6	6.516	99	836107	114.052	ng	0.00
23) Nitrobenzene-d5	7.445	82	557498	79.169	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	234514	129.365	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	887700	83.000	ng	0.00
79) Terphenyl-d14	12.998	244	769010	83.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	95453	38.395	ng	97
3) Pyridine	3.469	79	250584	38.428	ng	95
4) n-Nitrosodimethylamine	3.440	42	141722	44.367	ng	# 76
6) Aniline	6.545	93	213799	24.614	ng	94
8) 2-Chlorophenol	6.669	128	283956	48.712	ng	94
9) Benzaldehyde	6.434	77	182170	40.823	ng	99
10) Phenol	6.528	94	386078	52.121	ng	82
11) bis(2-Chloroethyl)ether	6.616	93	267193	45.989	ng	100
12) 1,3-Dichlorobenzene	6.822	146	293363	46.653	ng	98
13) 1,4-Dichlorobenzene	6.898	146	299754	47.021	ng	97
14) 1,2-Dichlorobenzene	7.051	146	283747	46.674	ng	96
15) Benzyl Alcohol	7.022	79	261738	42.380	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	345167	37.729	ng	86
17) 2-Methylphenol	7.134	107	239676	47.523	ng	# 92
18) Hexachloroethane	7.386	117	112267	45.944	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	205177	43.434	ng	97
20) 3+4-Methylphenols	7.286	107	301933	46.103	ng	90
22) Acetophenone	7.292	105	400967	47.912	ng	# 99
24) Nitrobenzene	7.469	77	317787	47.771	ng	97
25) Isophorone	7.704	82	537147	46.097	ng	# 95
26) 2-Nitrophenol	7.781	139	138669	48.959	ng	# 81
27) 2,4-Dimethylphenol	7.816	122	234099	50.312	ng	91
28) bis(2-Chloroethoxy)met...	7.910	93	308859	43.721	ng	99
29) 2,4-Dichlorophenol	8.022	162	211672	48.388	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	227725	46.563	ng	100
31) Naphthalene	8.186	128	768203	46.298	ng	99
32) Benzoic acid	7.951	122	152039	46.075	ng	94
33) 4-Chloroaniline	8.233	127	46373	7.101	ng	98
34) Hexachlorobutadiene	8.292	225	133939	46.910	ng	97
35) Caprolactam	8.616	113	47286	30.954	ng	# 91
36) 4-Chloro-3-methylphenol	8.728	107	268852	48.089	ng	97
37) 2-Methylnaphthalene	8.875	142	514371	47.775	ng	98
38) 1-Methylnaphthalene	8.975	142	493943	47.909	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	208958	50.417	ng	99
41) Hexachlorocyclopentadiene	9.028	237	199315	88.668	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	147864	48.642	ng	97

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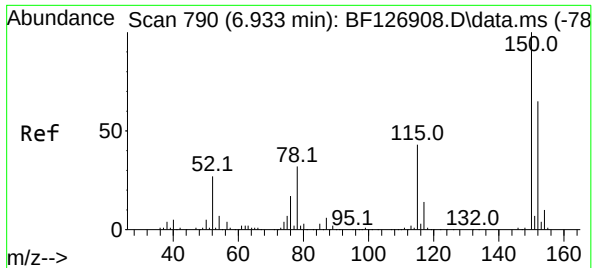
Quant Time: Mar 07 14:59:11 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	160746	50.252	ng	93
46) 1,1'-Biphenyl	9.345	154	632921	50.738	ng	96
47) 2-Chloronaphthalene	9.369	162	464680	50.233	ng	94
48) 2-Nitroaniline	9.469	65	166535	45.621	ng	97
49) Acenaphthylene	9.786	152	755027	50.247	ng	98
50) Dimethylphthalate	9.645	163	543867	48.325	ng	# 99
51) 2,6-Dinitrotoluene	9.710	165	119989	52.403	ng	# 83
52) Acenaphthene	9.957	154	425524	43.544	ng	97
53) 3-Nitroaniline	9.880	138	54447	19.453	ng	94
54) 2,4-Dinitrophenol	9.998	184	122823	101.344	ng	# 79
55) Dibenzofuran	10.133	168	636163	47.342	ng	93
56) 4-Nitrophenol	10.057	139	172350	83.373	ng	# 84
57) 2,4-Dinitrotoluene	10.122	165	158657	51.248	ng	# 95
58) Fluorene	10.475	166	529697	50.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	121582	47.943	ng	93
60) Diethylphthalate	10.345	149	598803	50.920	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	250881	50.831	ng	97
62) 4-Nitroaniline	10.504	138	119452	43.219	ng	# 77
63) Azobenzene	10.627	77	553907	42.300	ng	93
65) 4,6-Dinitro-2-methylph...	10.527	198	76375	48.587	ng	91
66) n-Nitrosodiphenylamine	10.586	169	430273	49.048	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	149330	49.958	ng	96
68) Hexachlorobenzene	11.022	284	165297	51.368	ng	95
69) Atrazine	11.116	200	135723	49.883	ng	97
70) Pentachlorophenol	11.222	266	157423	89.618	ng	98
71) Phenanthrene	11.445	178	754661	50.397	ng	99
72) Anthracene	11.492	178	756436	50.743	ng	99
73) Carbazole	11.651	167	584153	42.731	ng	99
74) Di-n-butylphthalate	11.969	149	826944	47.054	ng	99
75) Fluoranthene	12.633	202	652090	45.863	ng	94
77) Benzidine	12.757	184	143668	38.882	ng	97
78) Pyrene	12.863	202	619123	52.413	ng	99
80) Butylbenzylphthalate	13.474	149	248500	44.437	ng	# 85
81) Benzo(a)anthracene	14.051	228	471964	51.489	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	102945	35.637	ng	# 97
83) Chrysene	14.086	228	427158	49.556	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	326288	44.442	ng	# 96
85) Di-n-octyl phthalate	14.639	149	517921	48.995	ng	96
87) Indeno(1,2,3-cd)pyrene	17.068	276	552927	55.644	ng	# 85
88) Benzo(b)fluoranthene	15.115	252	500056	49.130	ng	# 91
89) Benzo(k)fluoranthene	15.145	252	485612	49.465	ng	# 94
90) Benzo(a)pyrene	15.421	252	21265	2.675	ng	93
91) Dibenzo(a,h)anthracene	17.086	278	468210	56.971	ng	# 90
92) Benzo(g,h,i)perylene	17.533	276	443109	54.690	ng	# 84

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

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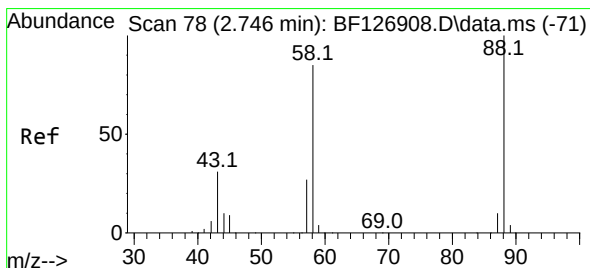
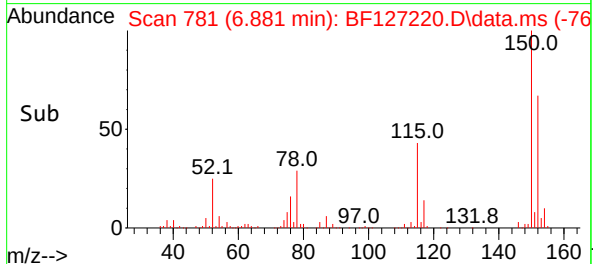
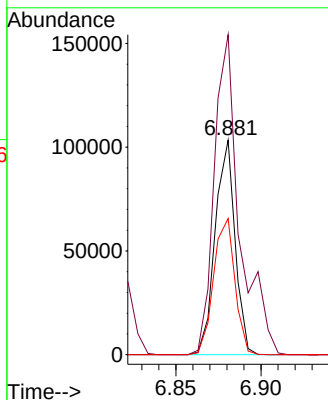
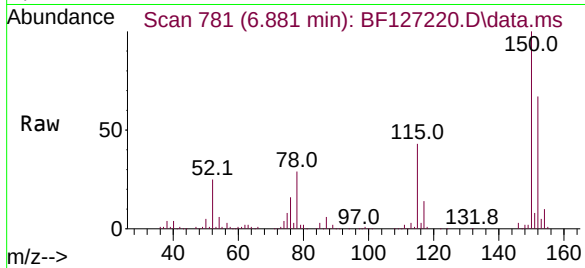




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

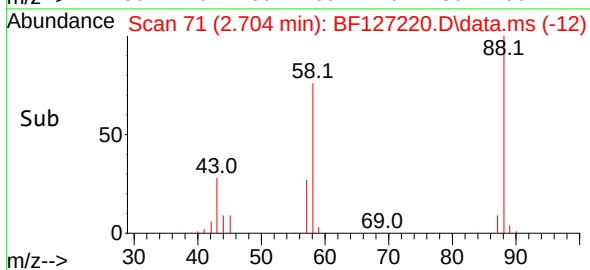
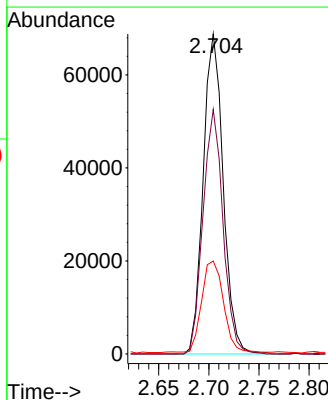
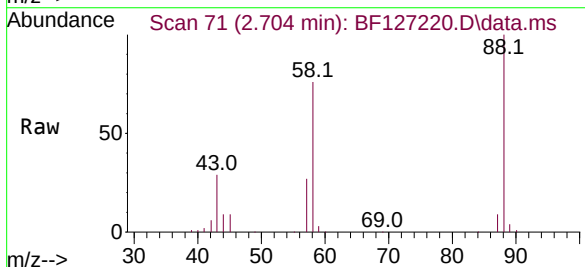
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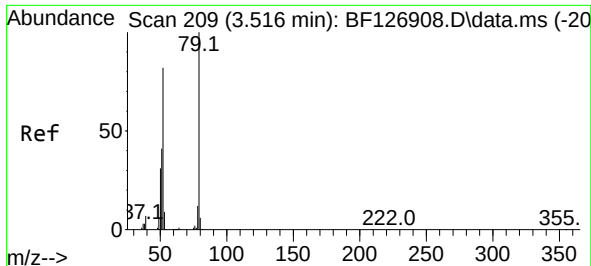
Tgt Ion:152 Resp: 83970
 Ion Ratio Lower Upper
 152 100
 150 149.1 128.1 192.1
 115 63.5 56.7 85.1



#2
 1,4-Dioxane
 Concen: 38.395 ng
 RT: 2.704 min Scan# 71
 Delta R.T. 0.047 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

Tgt Ion: 88 Resp: 95453
 Ion Ratio Lower Upper
 88 100
 58 76.5 62.8 94.2
 43 31.3 22.3 33.5

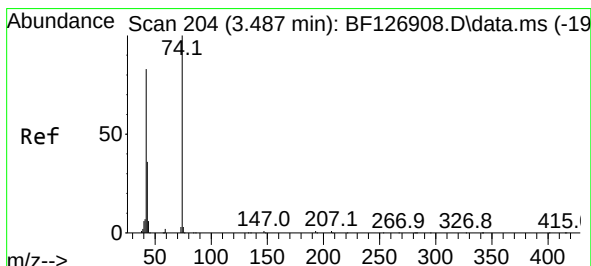
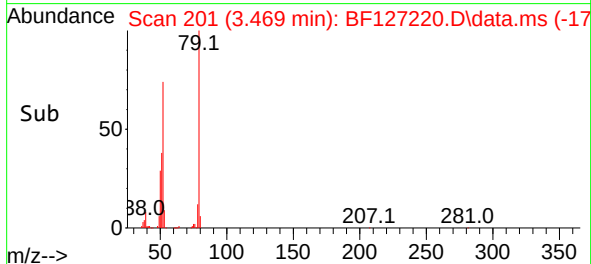
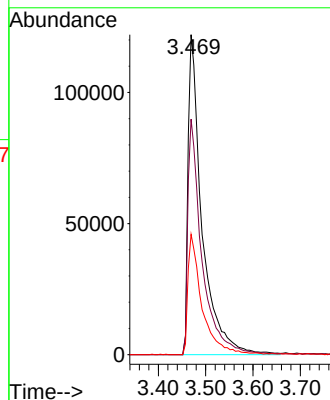
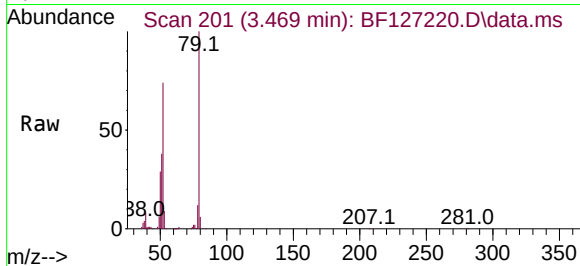




#3
 Pyridine
 Concen: 38.428 ng
 RT: 3.469 min Scan# 209
 Delta R.T. 0.041 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

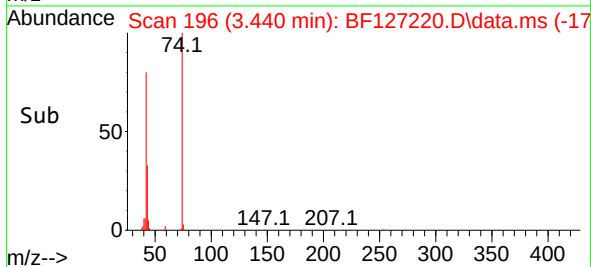
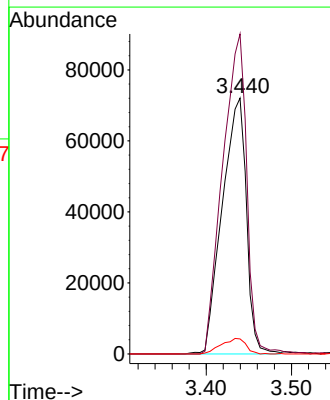
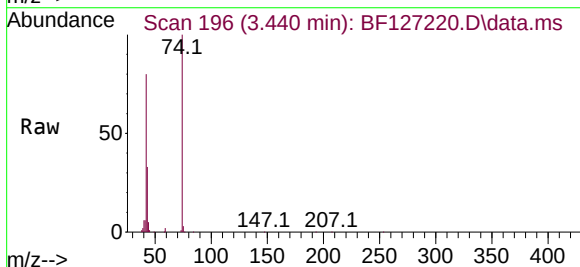
Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MSD

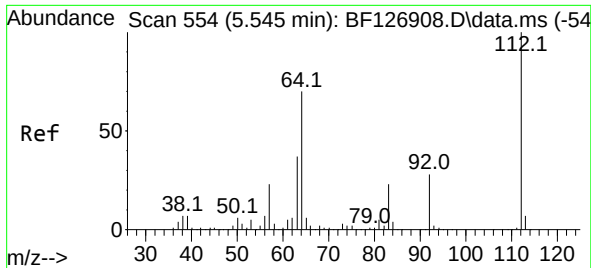
Tgt Ion: 79 Resp: 250584
 Ion Ratio Lower Upper
 79 100
 52 73.6 56.2 84.4
 51 37.6 26.7 40.1



#4
 n-Nitrosodimethylamine
 Concen: 44.367 ng
 RT: 3.440 min Scan# 196
 Delta R.T. 0.041 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

Tgt Ion: 42 Resp: 141722
 Ion Ratio Lower Upper
 42 100
 74 125.1 125.6 188.4#
 44 5.9 5.7 8.5

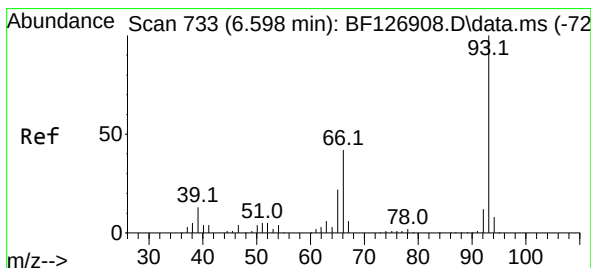
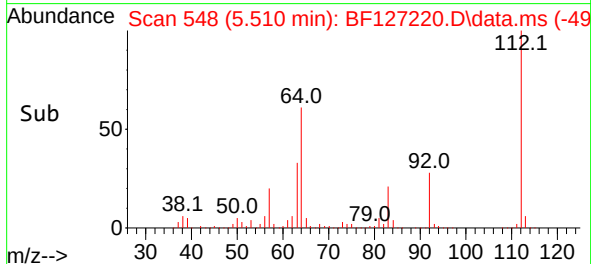
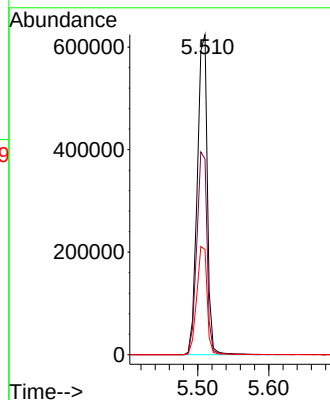
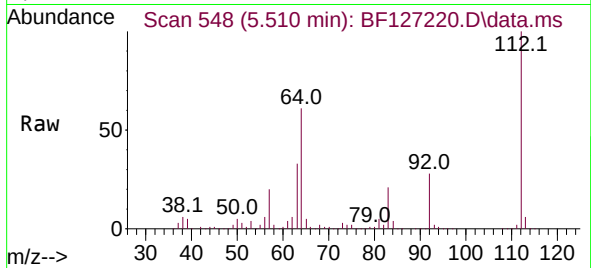




#5
2-Fluorophenol
Concen: 113.075 ng
RT: 5.510 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

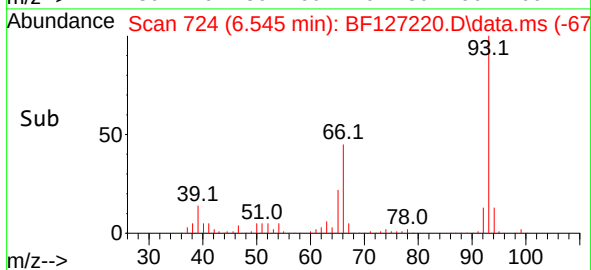
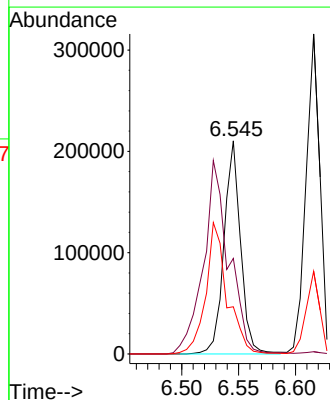
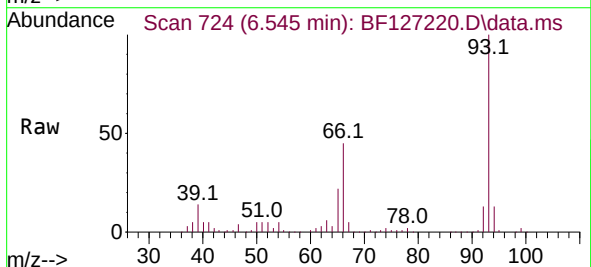
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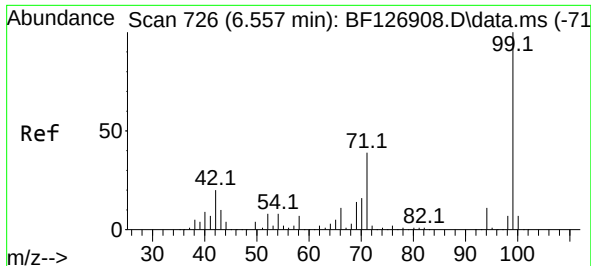
Tgt Ion:112 Resp: 614327
Ion Ratio Lower Upper
112 100
64 61.2 49.5 74.3
63 32.9 23.9 35.9



#6
Aniline
Concen: 24.614 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion: 93 Resp: 213799
Ion Ratio Lower Upper
93 100
66 44.8 32.2 48.4
65 22.2 16.3 24.5

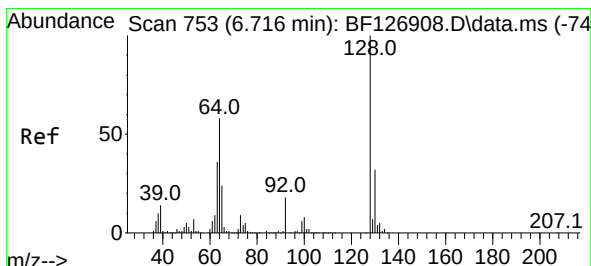
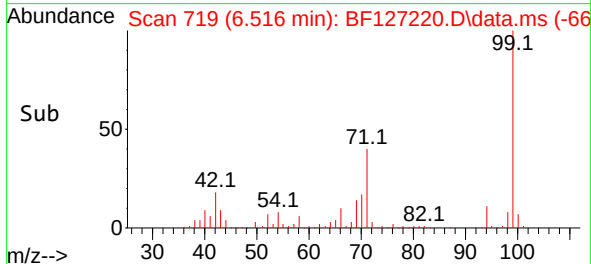
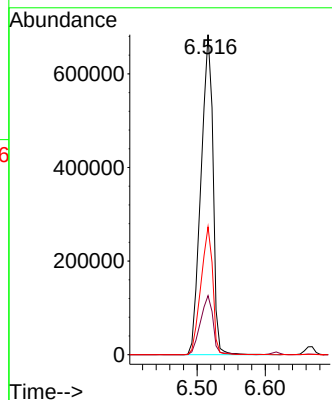
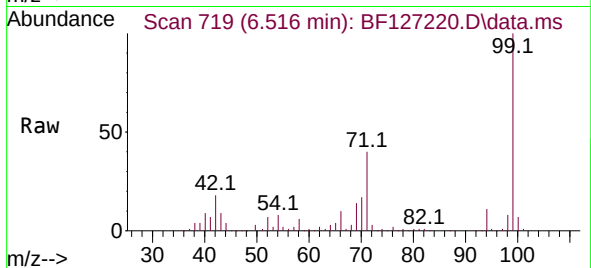




#7
Phenol-d6
Concen: 114.052 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

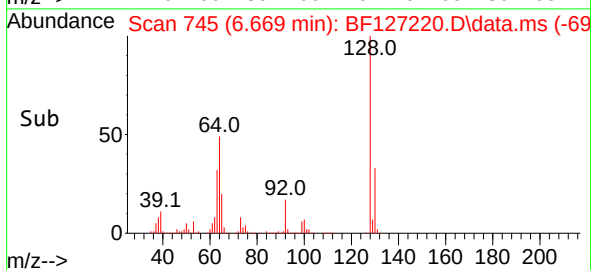
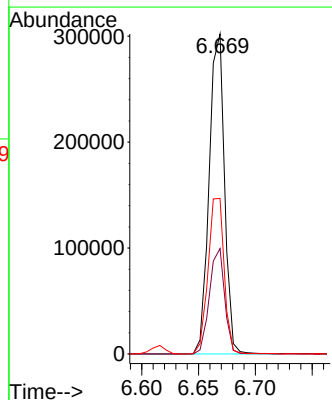
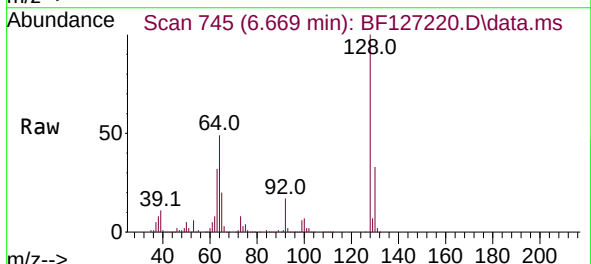
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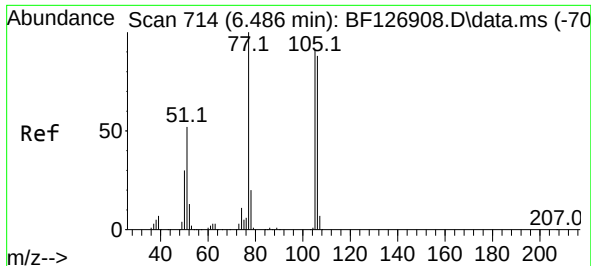
Tgt Ion: 99 Resp: 836107
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 40.0 24.3 36.5#



#8
2-Chlorophenol
Concen: 48.712 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion: 128 Resp: 283956
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 48.6 35.6 75.6





#9

Benzaldehyde

Concen: 40.823 ng

RT: 6.434 min Scan# 705

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

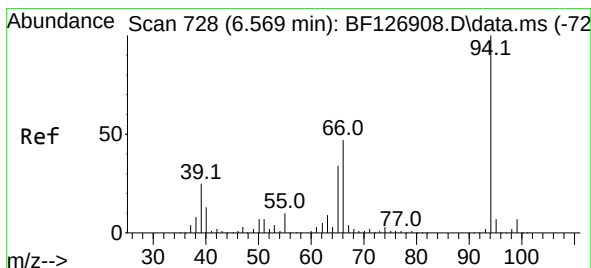
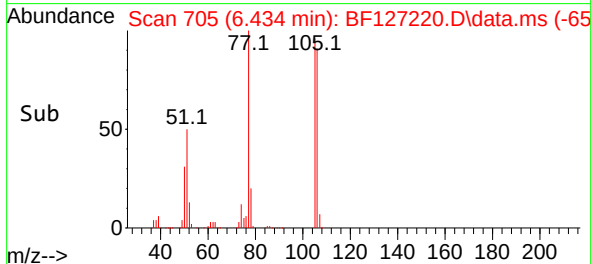
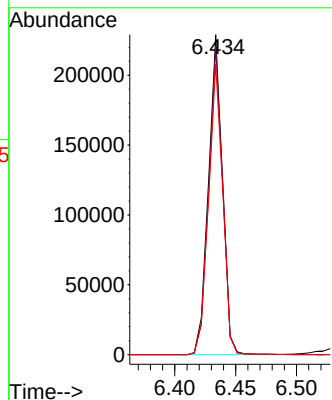
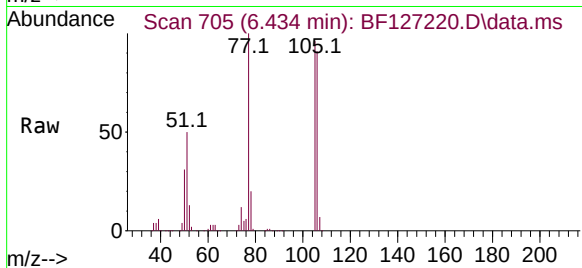
Tgt Ion: 77 Resp: 182170

Ion Ratio Lower Upper

77 100

105 95.8 74.9 114.9

106 90.8 72.4 112.4



#10

Phenol

Concen: 52.121 ng

RT: 6.528 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

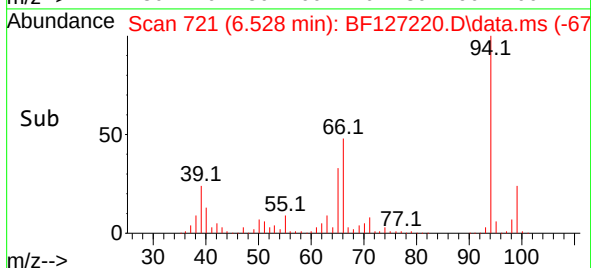
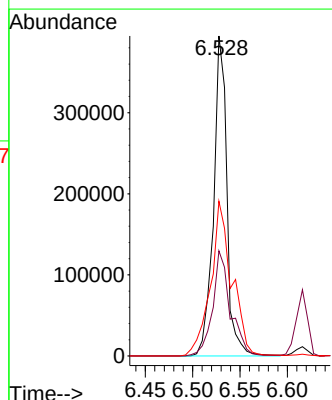
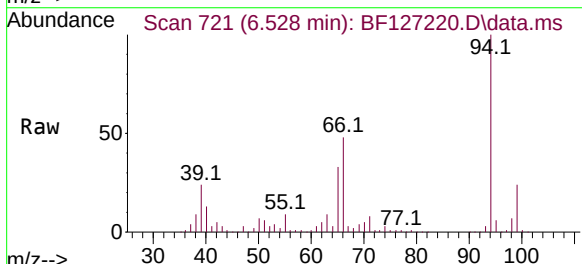
Tgt Ion: 94 Resp: 386078

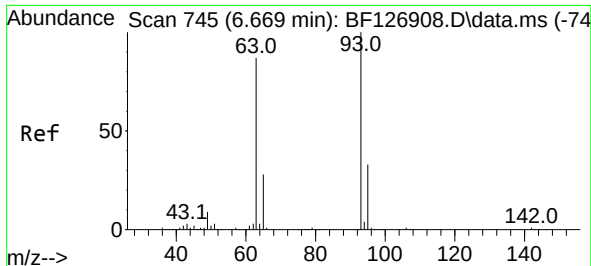
Ion Ratio Lower Upper

94 100

65 32.8 7.2 47.2

66 48.4 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 45.989 ng

RT: 6.616 min Scan# 711

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

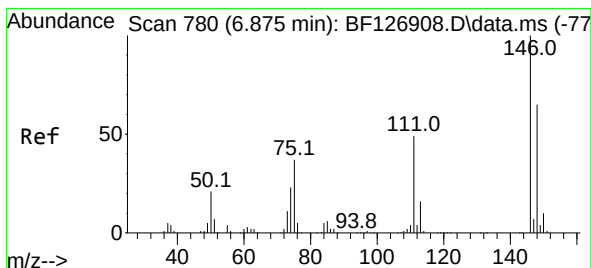
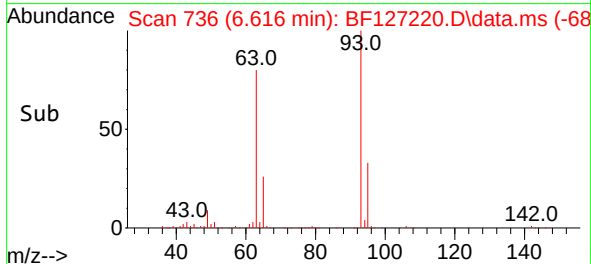
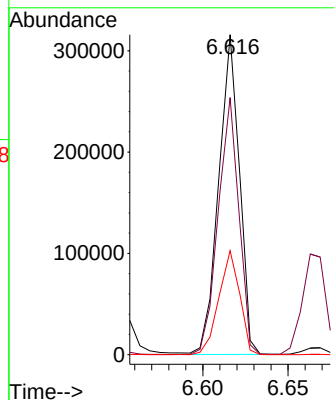
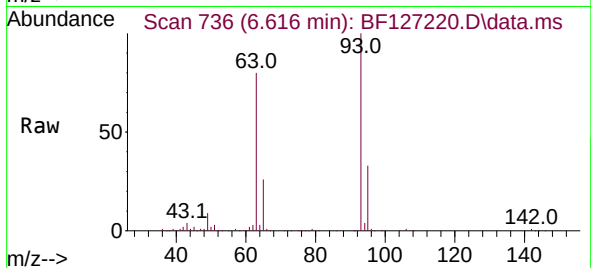
Tgt Ion: 93 Resp: 267193

Ion Ratio Lower Upper

93 100

63 80.3 60.5 100.5

95 32.5 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.653 ng

RT: 6.822 min Scan# 771

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

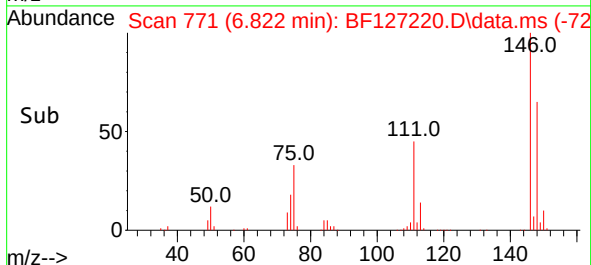
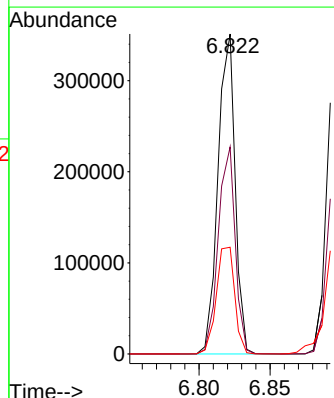
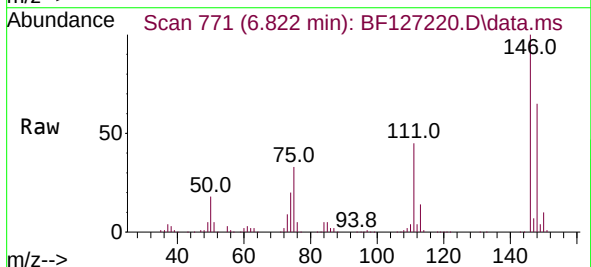
Tgt Ion:146 Resp: 293363

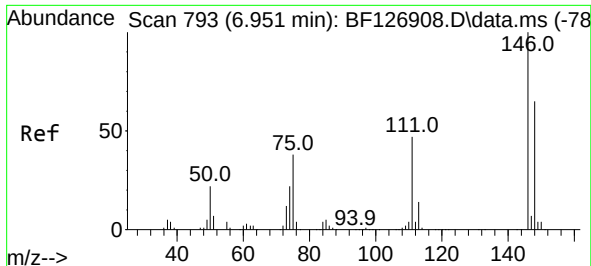
Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

75 33.3 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 47.021 ng

RT: 6.898 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

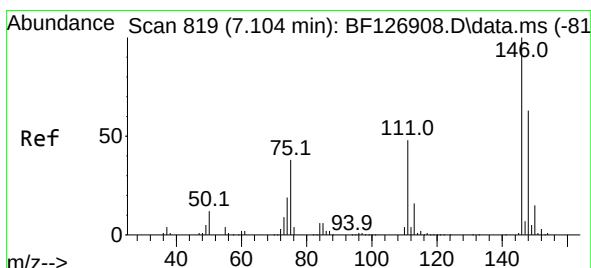
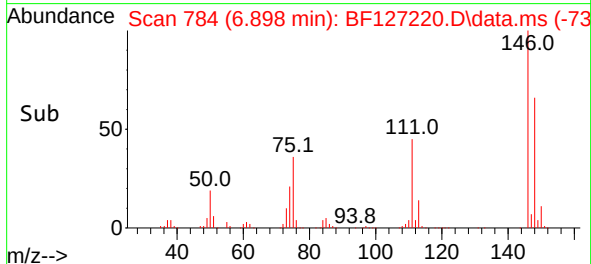
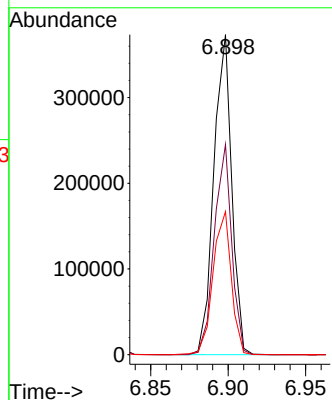
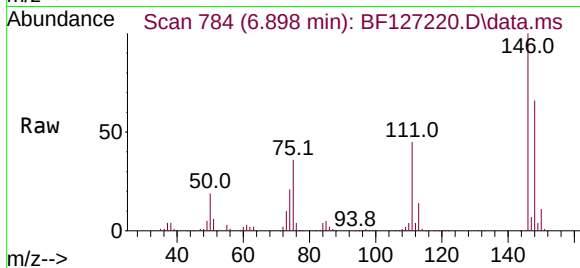
Tgt Ion:146 Resp: 299754

Ion Ratio Lower Upper

146 100

148 65.7 49.8 74.6

111 44.7 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 46.674 ng

RT: 7.051 min Scan# 810

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

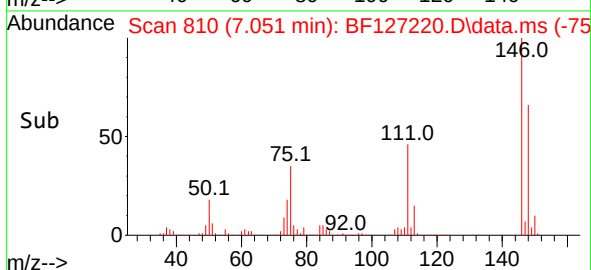
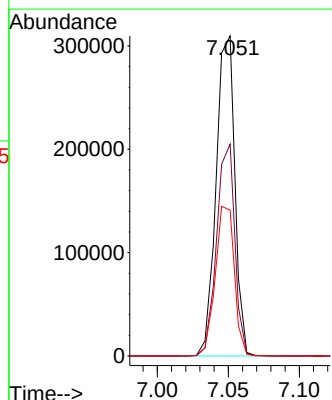
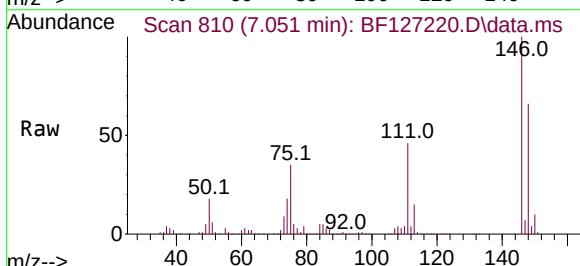
Tgt Ion:146 Resp: 283747

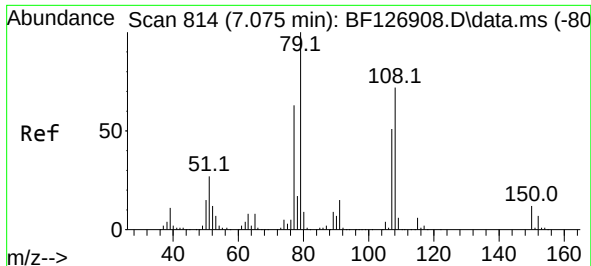
Ion Ratio Lower Upper

146 100

148 66.2 51.6 77.4

111 45.6 40.2 60.2

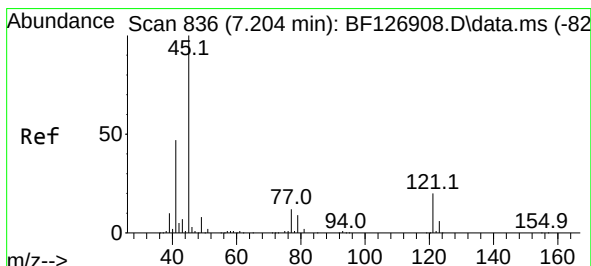
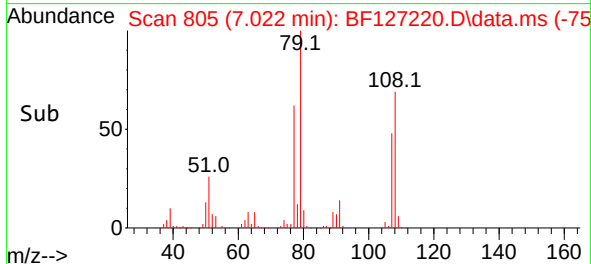
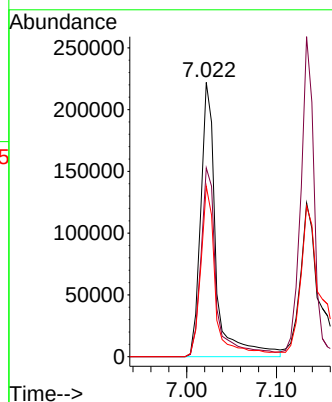
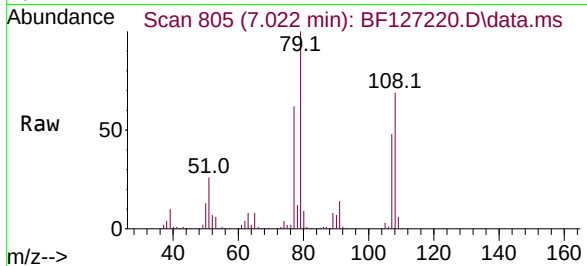




#15
Benzyl Alcohol
Concen: 42.380 ng
RT: 7.022 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

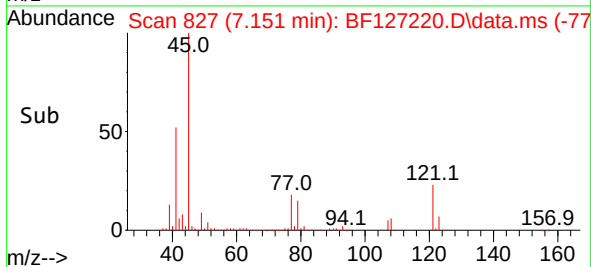
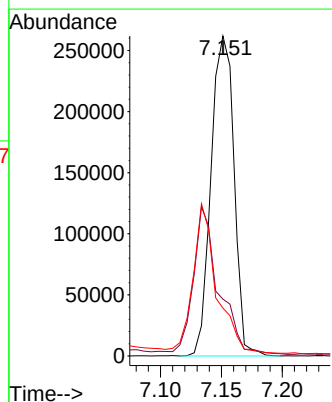
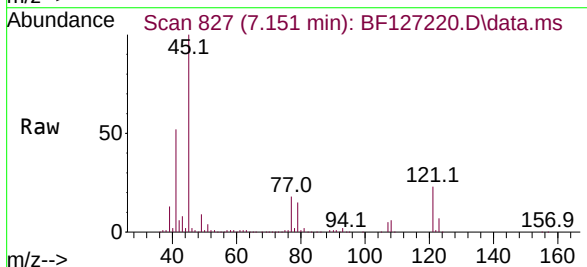
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

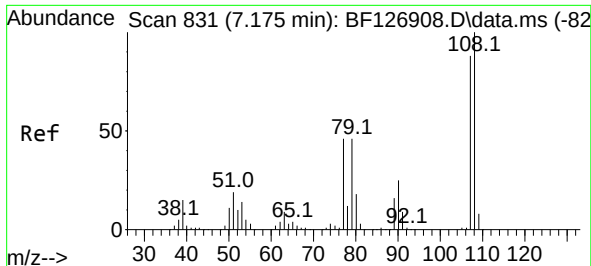
Tgt Ion: 79 Resp: 261738
Ion Ratio Lower Upper
79 100
108 68.8 63.2 94.8
77 62.1 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.729 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion: 45 Resp: 345167
Ion Ratio Lower Upper
45 100
77 17.8 0.0 32.4
79 14.9 0.0 29.8





#17

2-Methylphenol

Concen: 47.523 ng

RT: 7.134 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

Tgt Ion:107 Resp: 239676

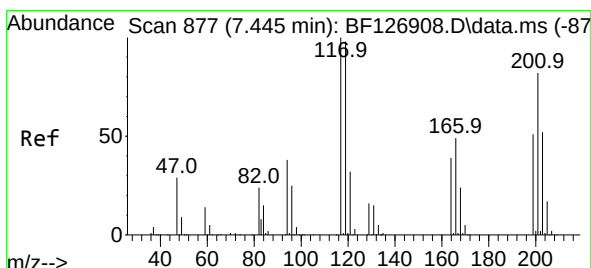
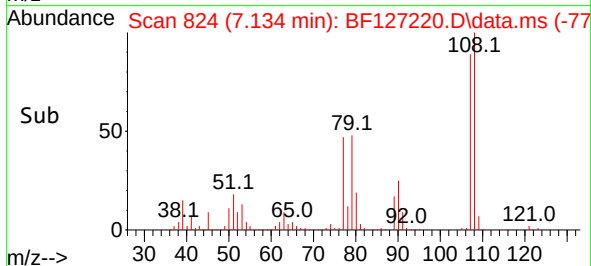
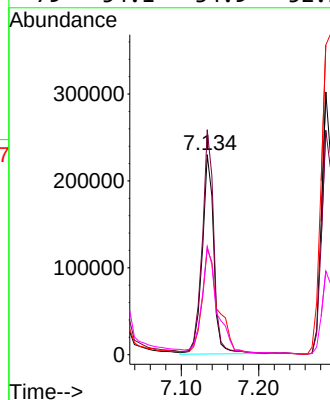
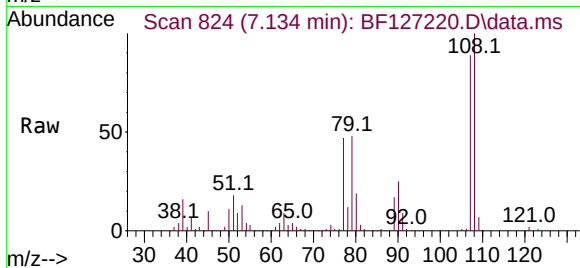
Ion Ratio Lower Upper

107 100

108 112.5 93.4 140.0

77 53.0 36.1 54.1

79 54.1 34.9 52.3#



#18

Hexachloroethane

Concen: 45.944 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

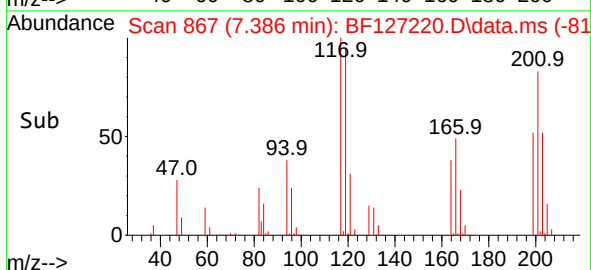
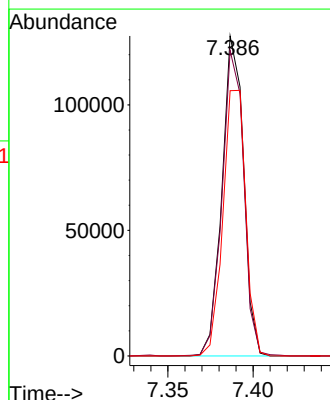
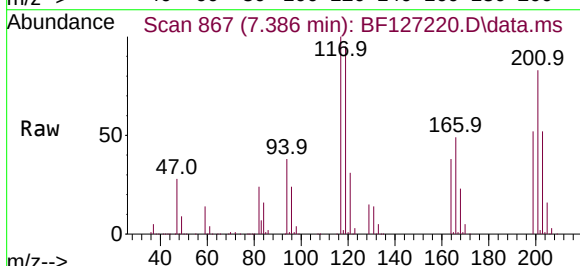
Tgt Ion:117 Resp: 112267

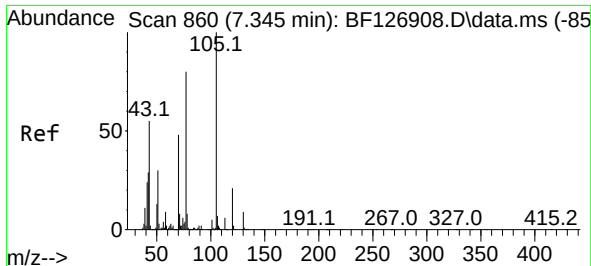
Ion Ratio Lower Upper

117 100

119 95.5 75.4 113.0

201 82.9 56.8 85.2



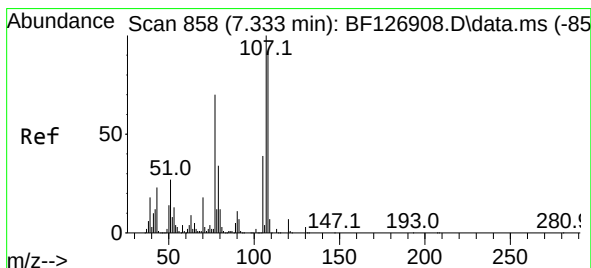
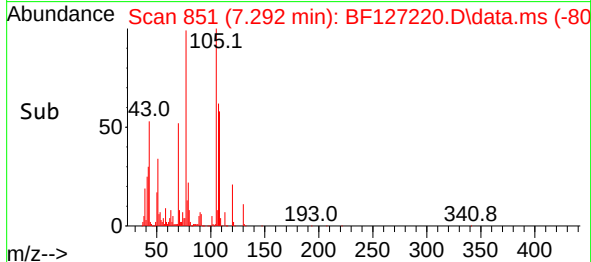
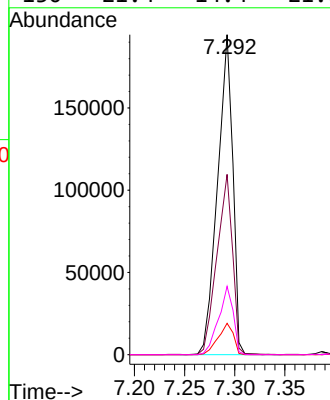
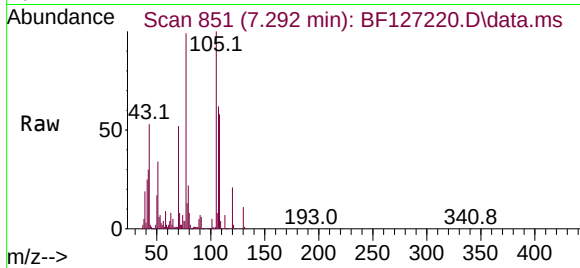


#19
n-Nitroso-di-n-propylamine
Concen: 43.434 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

Tgt Ion: 70 Resp: 205177

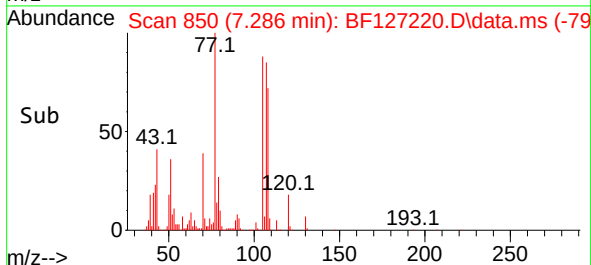
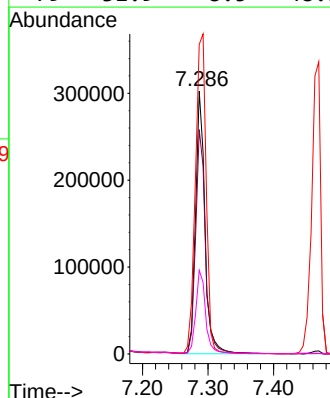
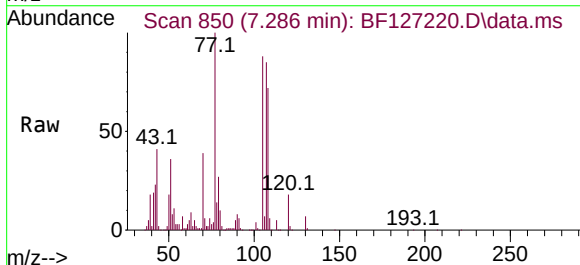
Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.8	68.8
101	9.8	6.9	10.3
130	21.4	14.4	21.6

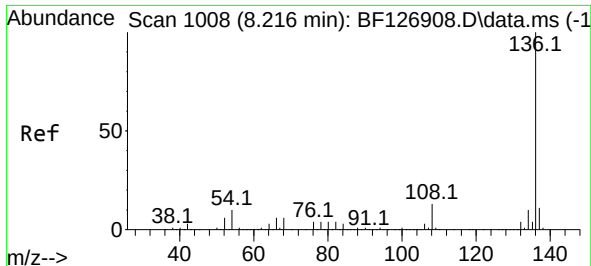


#20
3+4-Methylphenols
Concen: 46.103 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion: 107 Resp: 301933

Ion	Ratio	Lower	Upper
107	100		
108	85.4	72.4	112.4
77	117.8	83.8	123.8
79	31.9	8.5	48.5

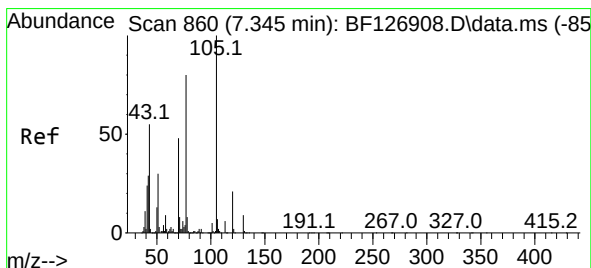
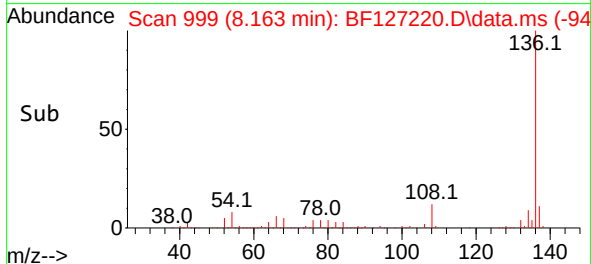
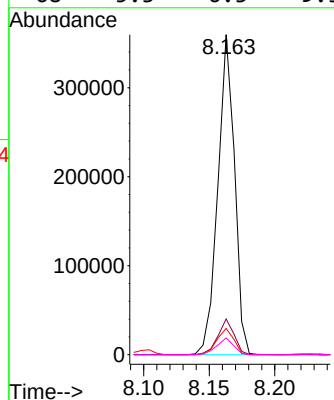
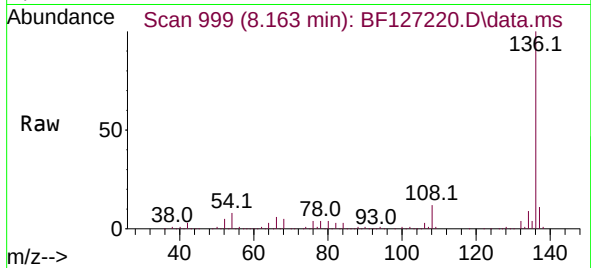




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

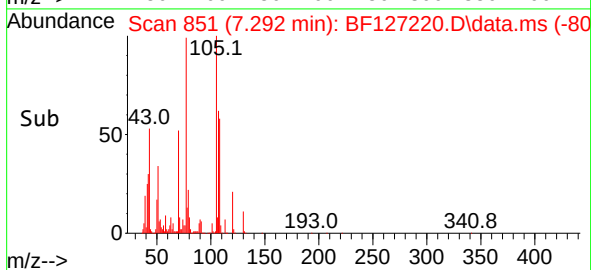
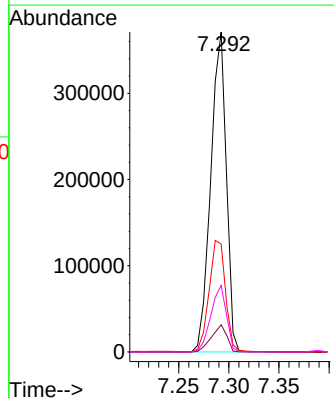
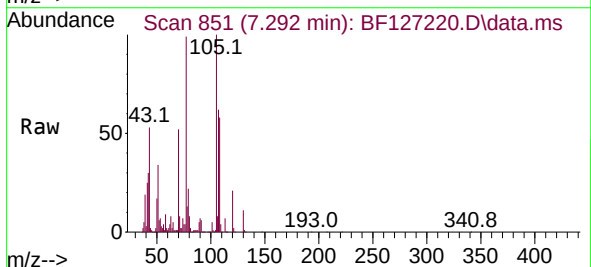
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

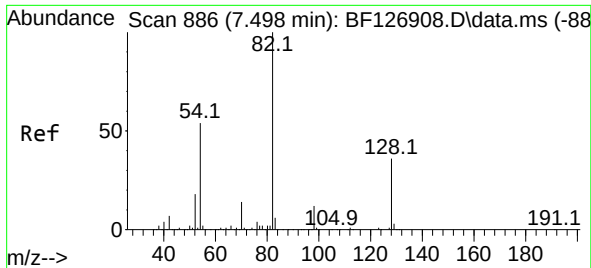
Tgt Ion:136 Resp: 317853
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.2 7.8 11.6
68 5.3 6.3 9.5#



#22
Acetophenone
Concen: 47.912 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:105 Resp: 400967
Ion Ratio Lower Upper
105 100
71 8.5 5.4 8.0#
51 33.8 27.4 41.0
120 20.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.169 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

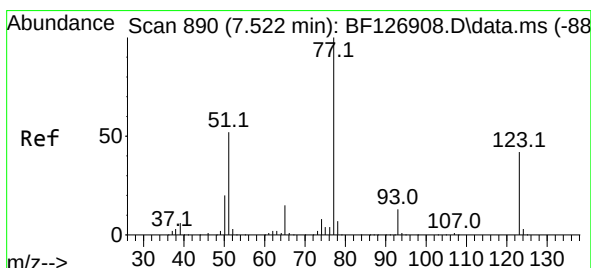
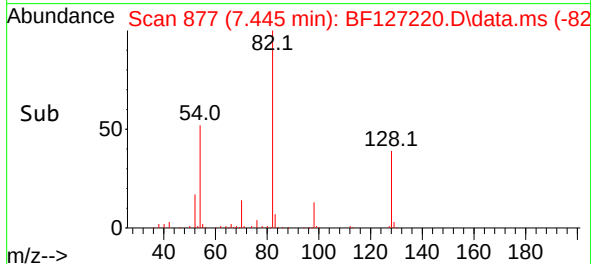
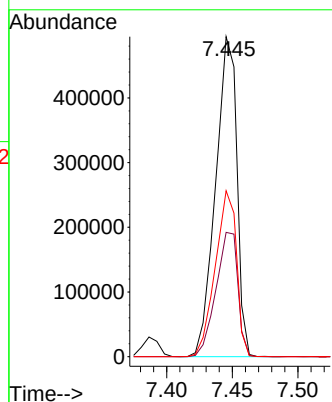
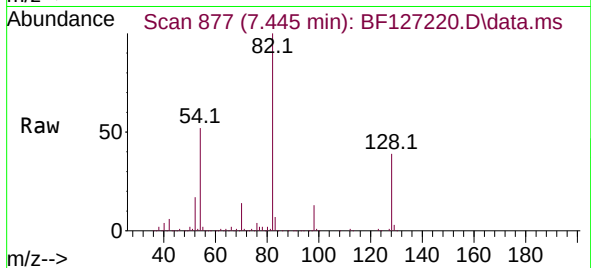
Tgt Ion: 82 Resp: 557498

Ion Ratio Lower Upper

82 100

128 38.8 32.7 49.1

54 51.9 41.7 62.5



#24

Nitrobenzene

Concen: 47.771 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

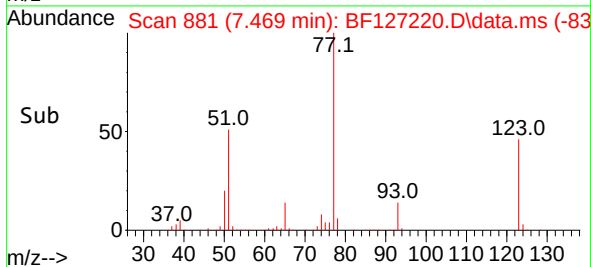
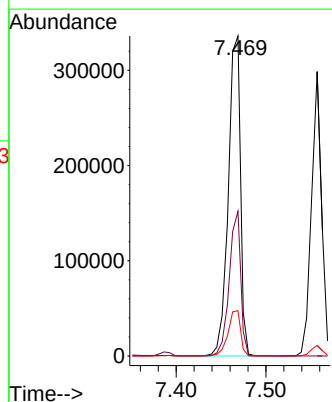
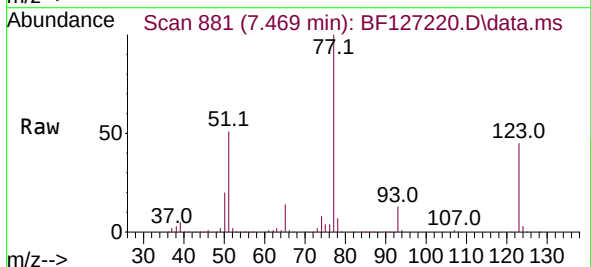
Tgt Ion: 77 Resp: 317787

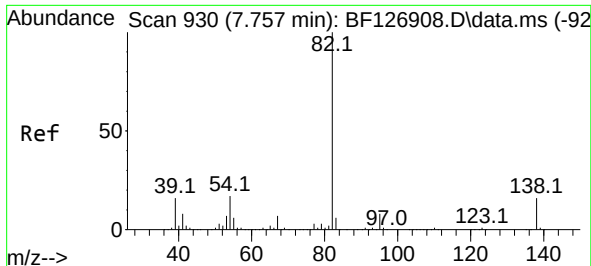
Ion Ratio Lower Upper

77 100

123 45.2 34.6 52.0

65 14.2 10.6 15.8

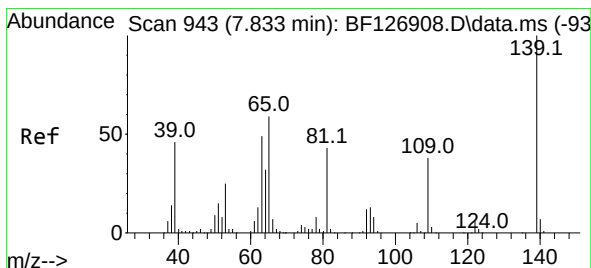
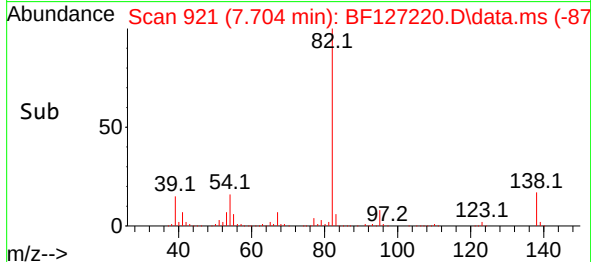
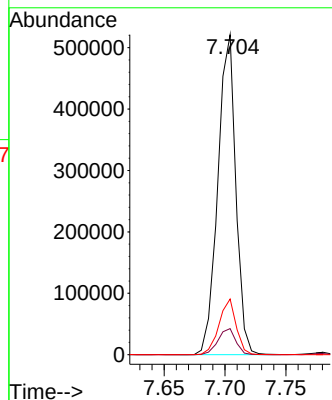
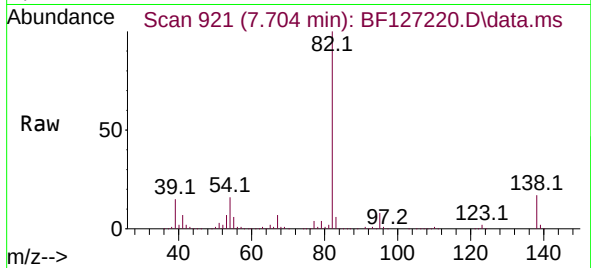




#25
Isophorone
Concen: 46.097 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

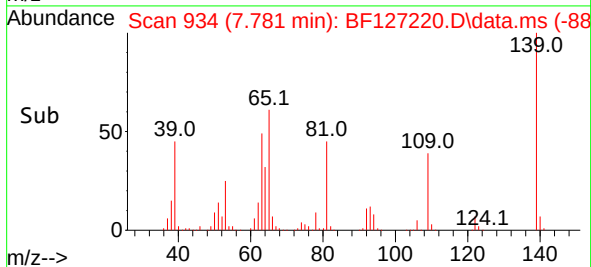
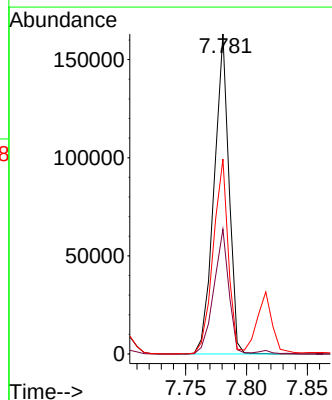
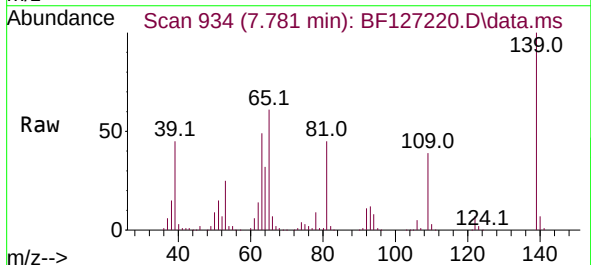
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

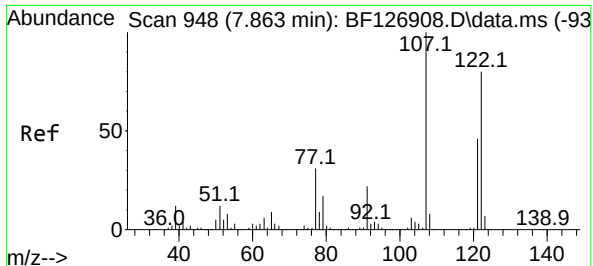
Tgt Ion: 82 Resp: 537147
Ion Ratio Lower Upper
82 100
95 8.1 5.0 7.4#
138 17.4 12.3 18.5



#26
2-Nitrophenol
Concen: 48.959 ng
RT: 7.781 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:139 Resp: 138669
Ion Ratio Lower Upper
139 100
109 39.0 20.0 30.0#
65 60.9 40.8 61.2

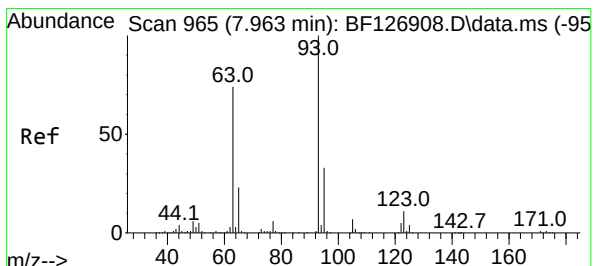
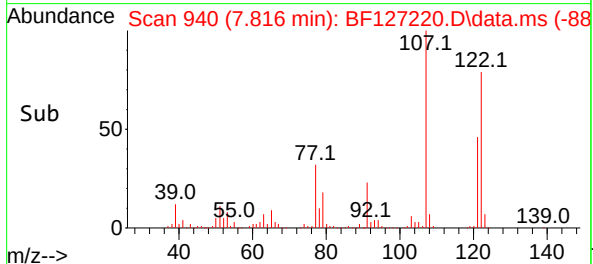
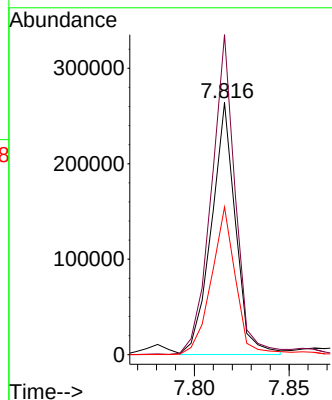
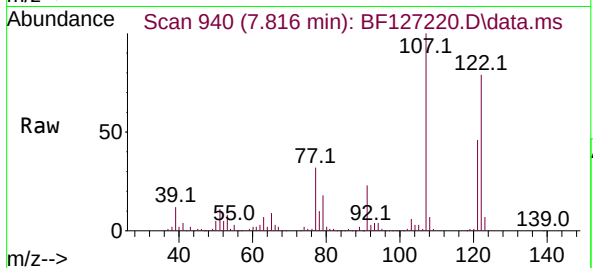




#27
 2,4-Dimethylphenol
 Concen: 50.312 ng
 RT: 7.816 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

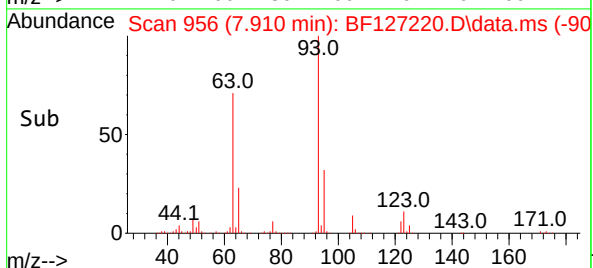
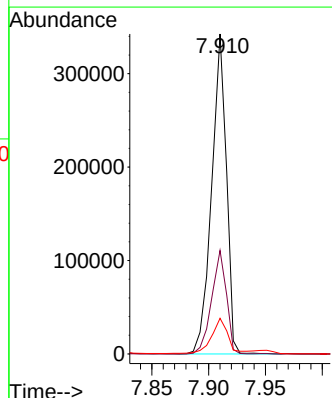
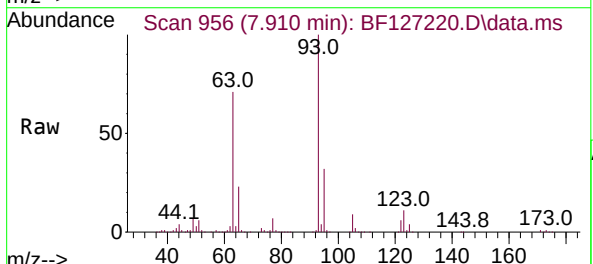
Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MSD

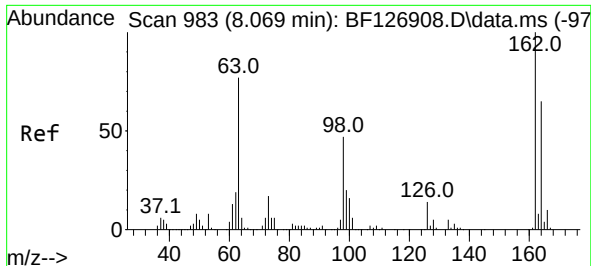
Tgt Ion:122	Resp: 234099		
Ion Ratio	Lower	Upper	
122	100		
107	126.9	91.2	136.8
121	58.6	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.721 ng
 RT: 7.910 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

Tgt Ion: 93	Resp: 308859
Ion Ratio	Lower Upper
93 100	
95 32.4	25.4 38.2
123 11.2	8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.388 ng

RT: 8.022 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

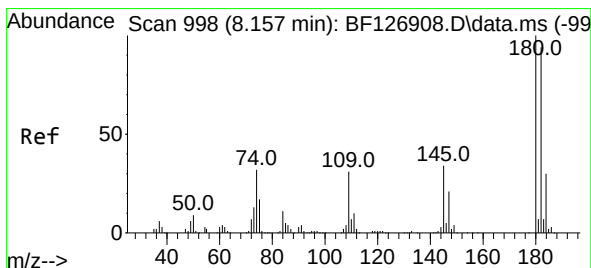
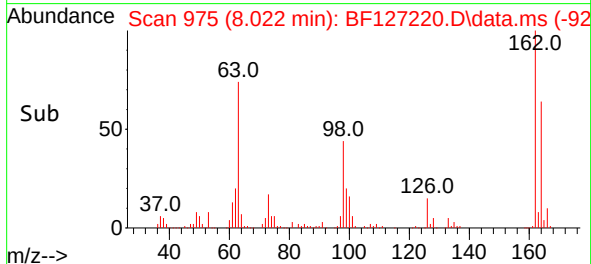
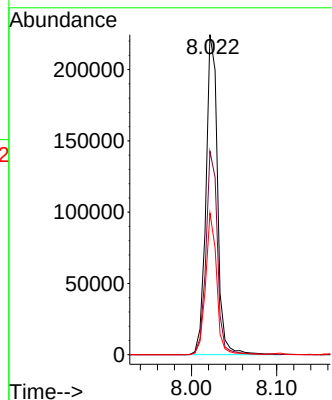
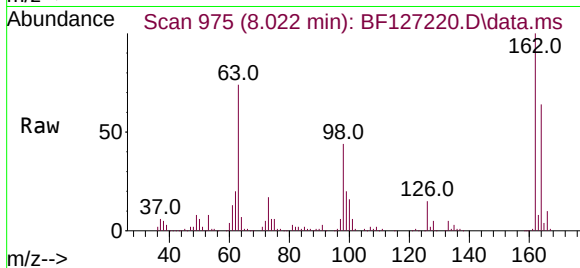
Tgt Ion:162 Resp: 211672

Ion Ratio Lower Upper

162 100

164 63.5 43.8 83.8

98 44.3 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 46.563 ng

RT: 8.104 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

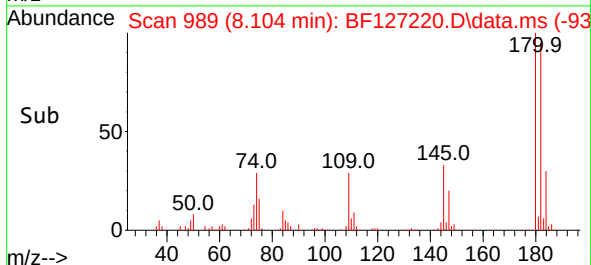
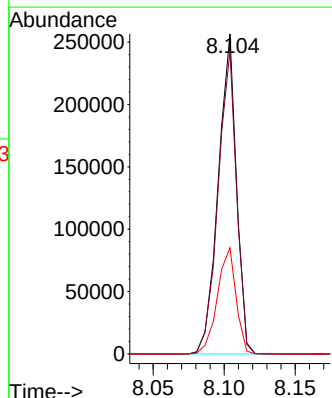
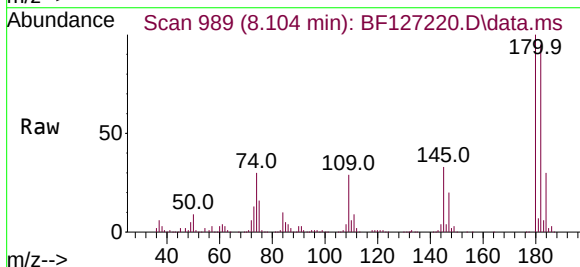
Tgt Ion:180 Resp: 227725

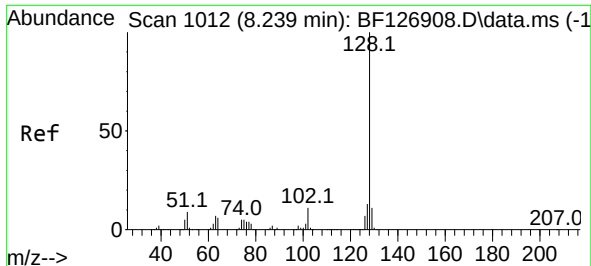
Ion Ratio Lower Upper

180 100

182 94.7 75.5 113.3

145 33.2 26.2 39.2

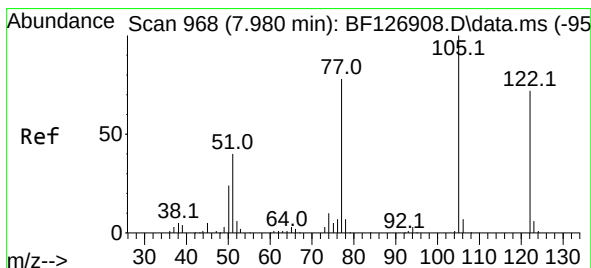
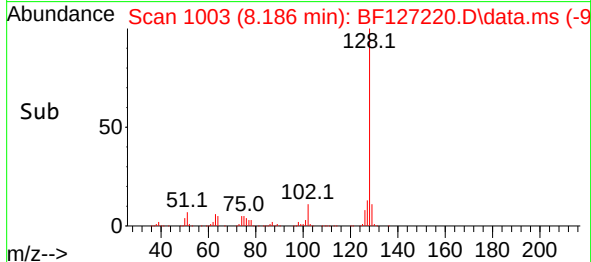
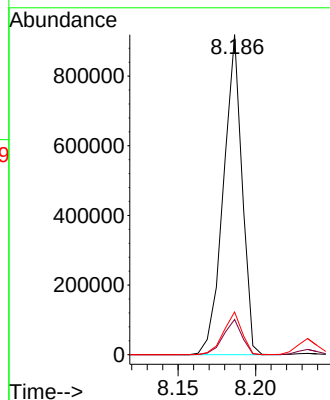
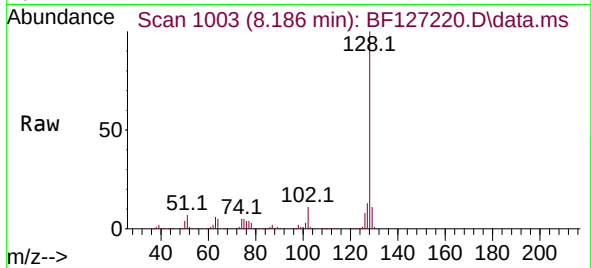




#31
Naphthalene
Concen: 46.298 ng
RT: 8.186 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

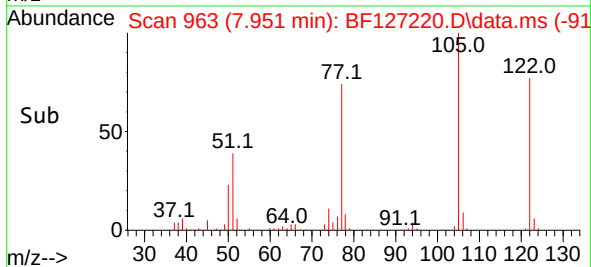
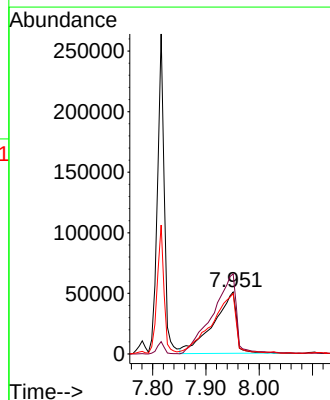
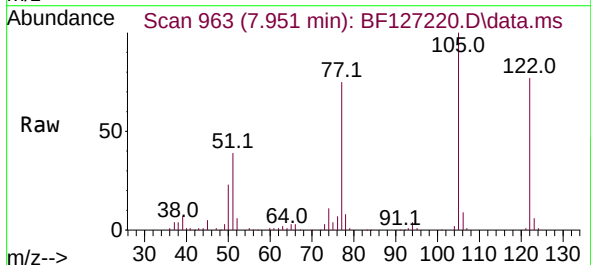
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

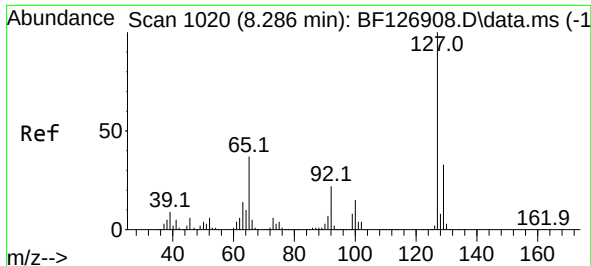
Tgt Ion:128 Resp: 768203
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 46.075 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:122 Resp: 152039
Ion Ratio Lower Upper
122 100
105 129.4 101.0 141.0
77 97.5 74.5 114.5

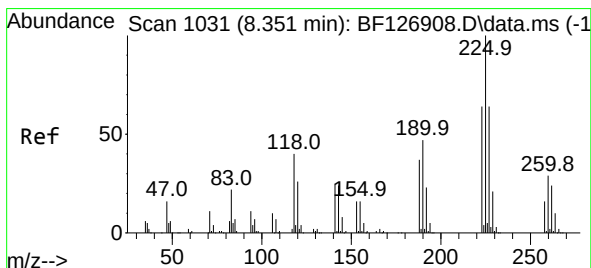
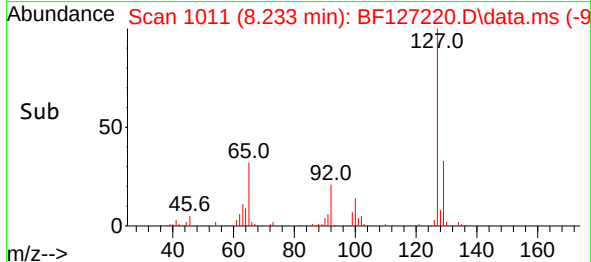
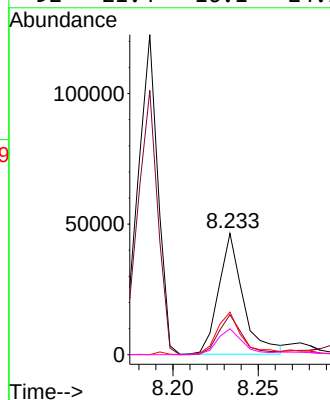
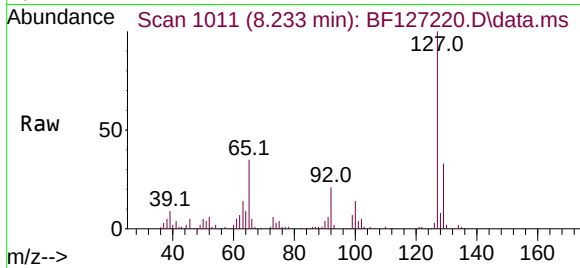




#33
4-Chloroaniline
Concen: 7.101 ng
RT: 8.233 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

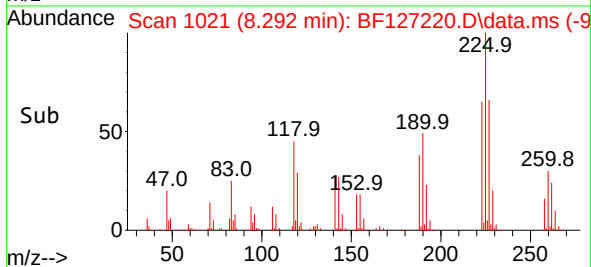
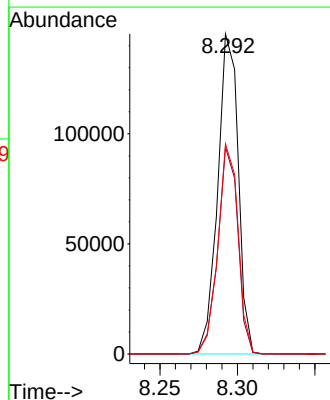
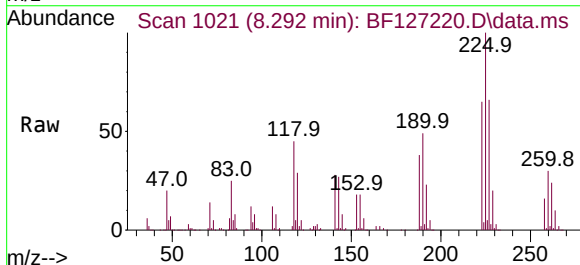
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

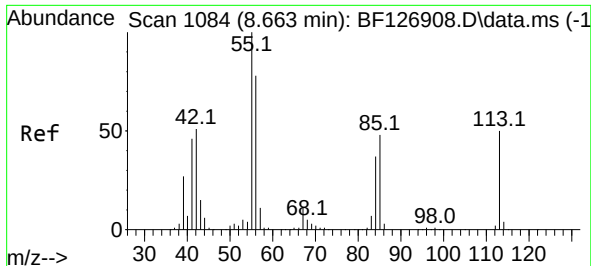
Tgt Ion:	127	Resp:	46373
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	35.1	26.6	39.8
92	21.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.910 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:	225	Resp:	133939
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.6	73.0
227	65.7	51.4	77.0

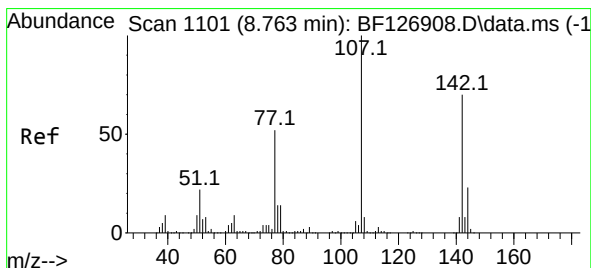
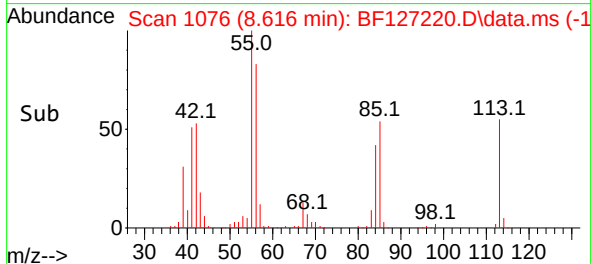
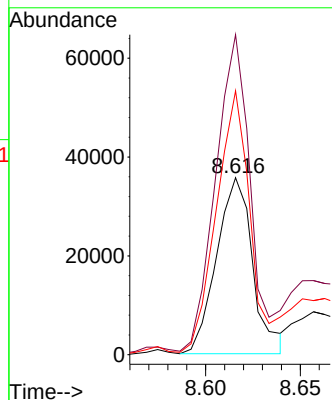
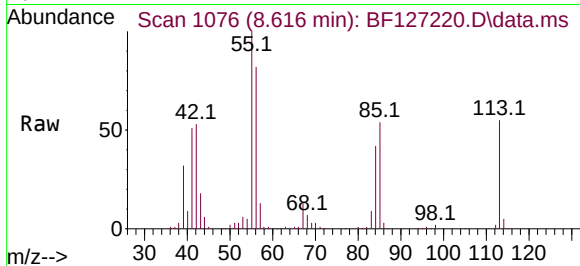




#35
 Caprolactam
 Concen: 30.954 ng
 RT: 8.616 min Scan# 1095
 Delta R.T. -0.000 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

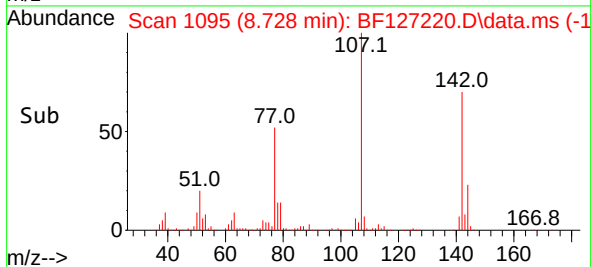
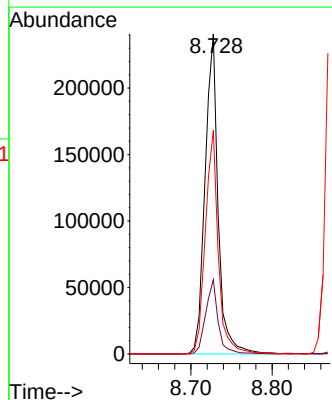
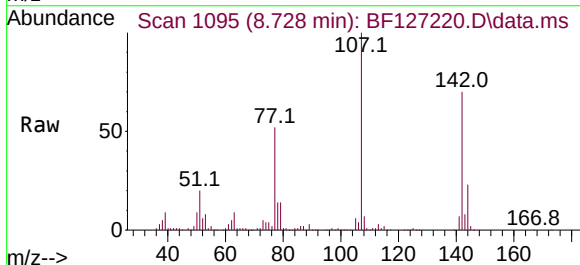
Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MSD

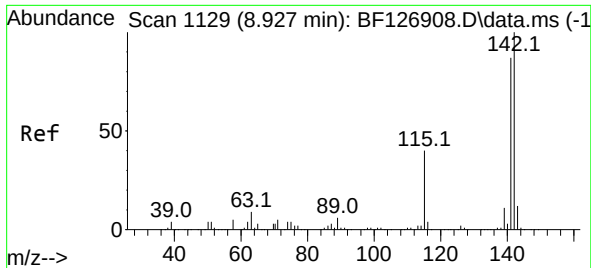
Tgt Ion:113 Resp: 47286
 Ion Ratio Lower Upper
 113 100
 55 180.8 183.9 223.9#
 56 149.1 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.089 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. 0.012 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

Tgt Ion:107 Resp: 268852
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.5 27.7
 142 69.9 58.1 87.1

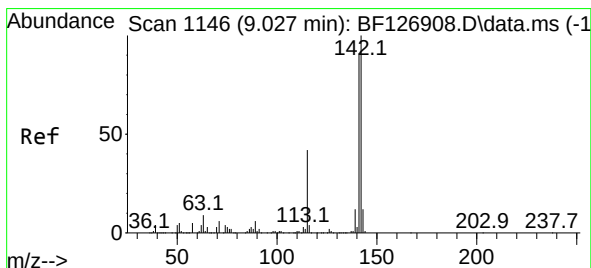
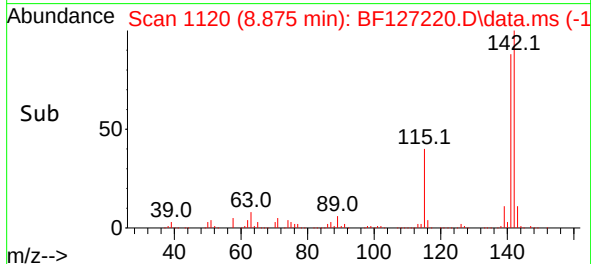
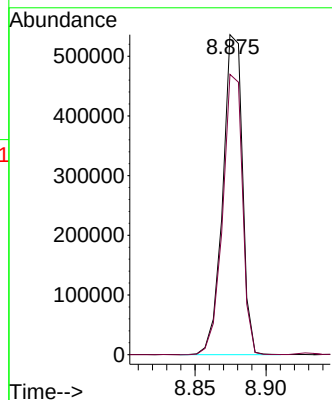
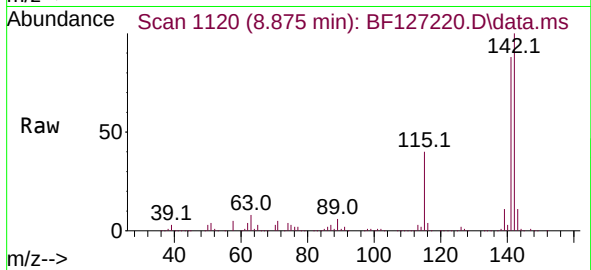




#37
2-Methylnaphthalene
Concen: 47.775 ng
RT: 8.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

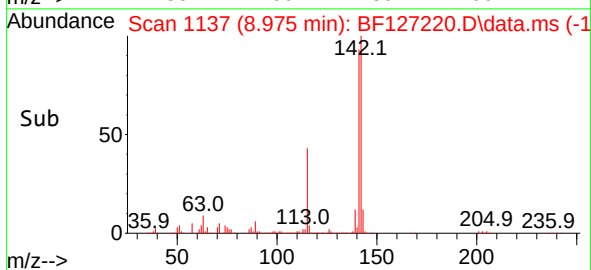
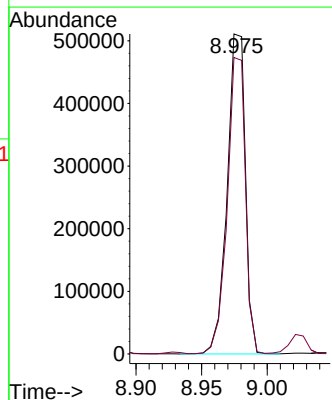
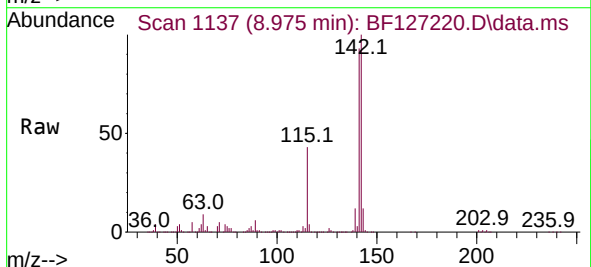
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

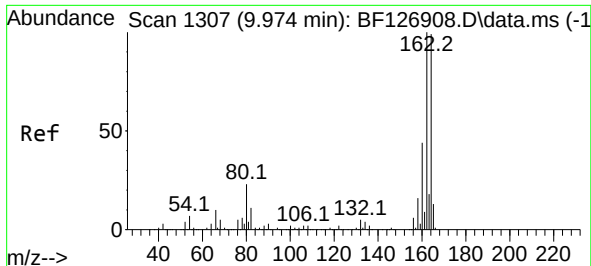
Tgt Ion:142 Resp: 514371
Ion Ratio Lower Upper
142 100
141 87.6 68.6 102.8



#38
1-Methylnaphthalene
Concen: 47.909 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:142 Resp: 493943
Ion Ratio Lower Upper
142 100
141 92.6 72.1 108.1

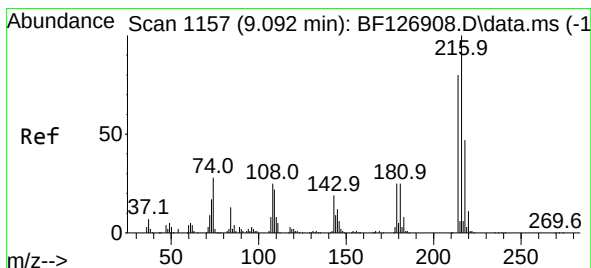
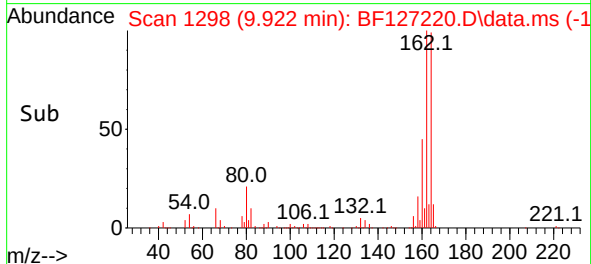
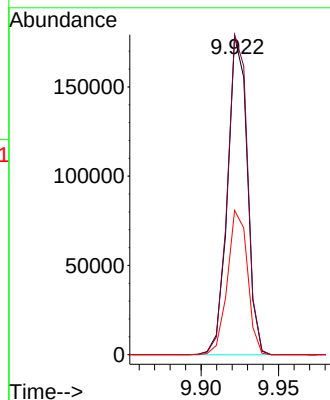
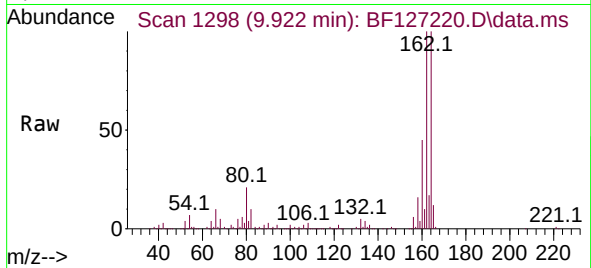




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

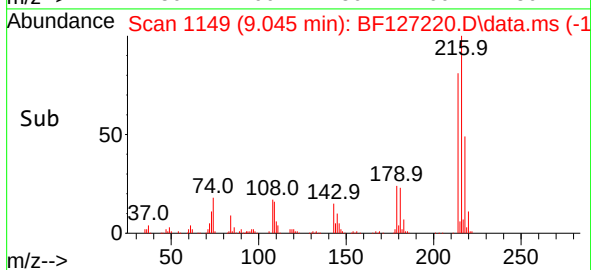
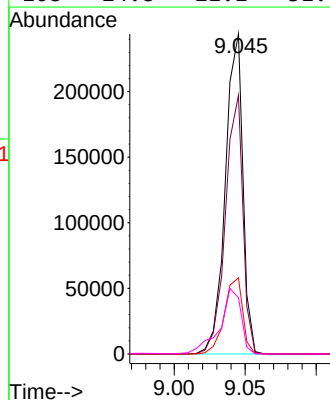
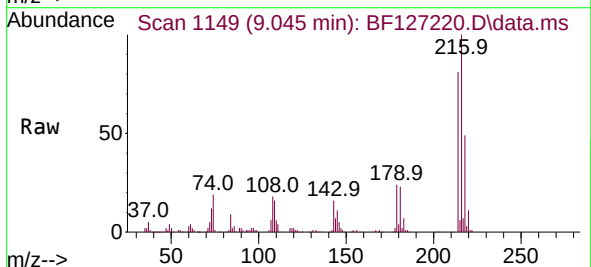
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

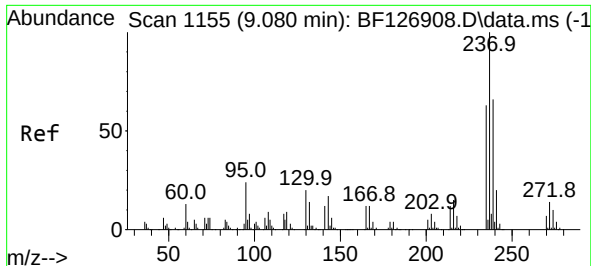
Tgt Ion:164 Resp: 157449
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 45.3 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.417 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:216 Resp: 208958
Ion Ratio Lower Upper
216 100
214 80.6 64.6 96.8
179 24.8 19.5 29.3
108 24.8 21.1 31.7

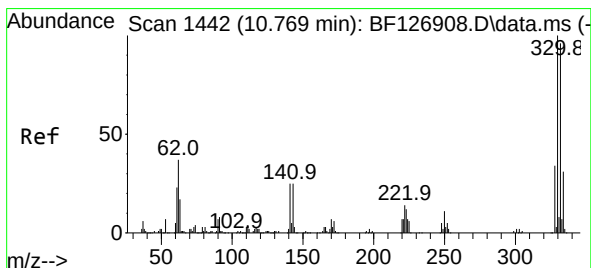
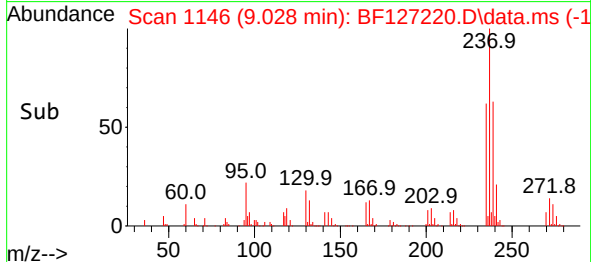
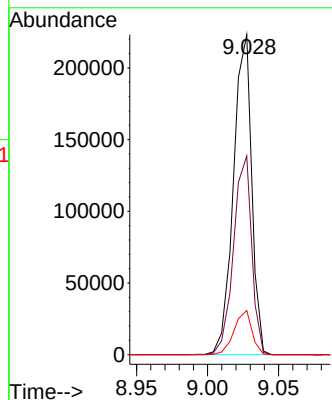
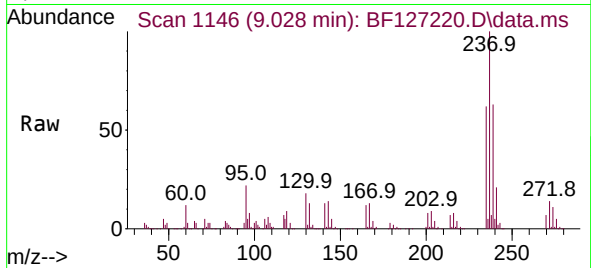




#41
Hexachlorocyclopentadiene
Concen: 88.668 ng
RT: 9.028 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

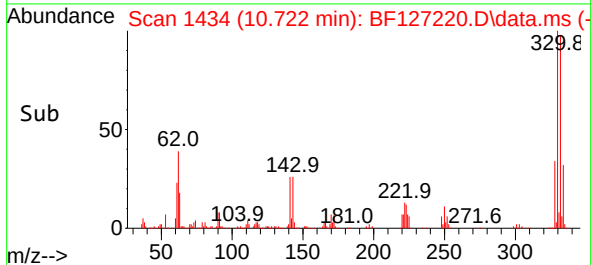
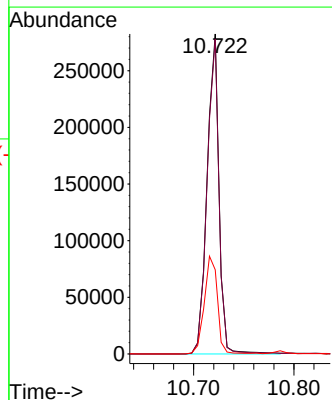
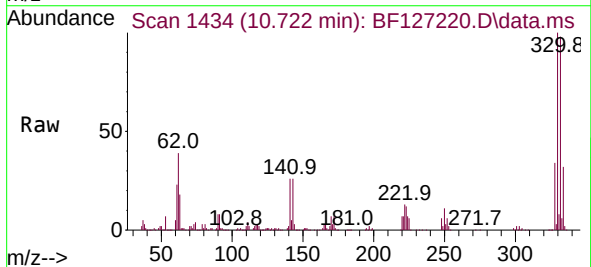
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

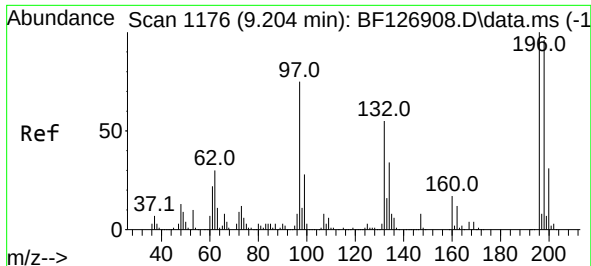
Tgt Ion:237 Resp: 199315
Ion Ratio Lower Upper
237 100
235 62.1 38.9 78.9
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 129.365 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:330 Resp: 234514
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 33.7 30.1 45.1

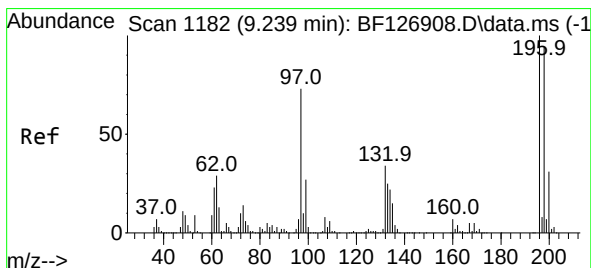
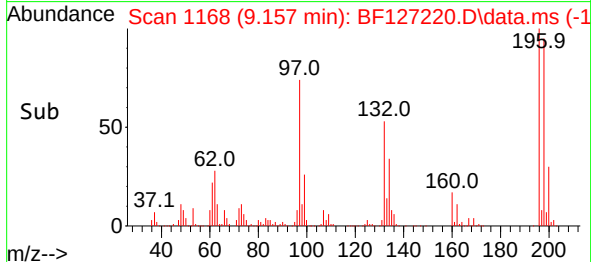
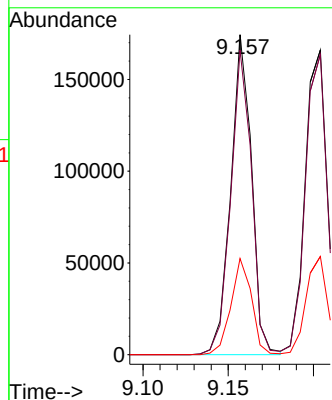
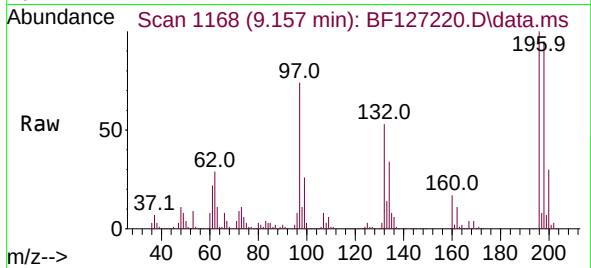




#43
2,4,6-Trichlorophenol
Concen: 48.642 ng
RT: 9.157 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

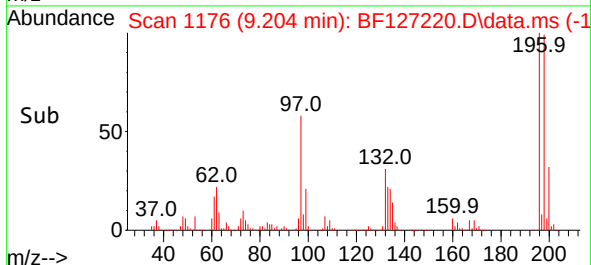
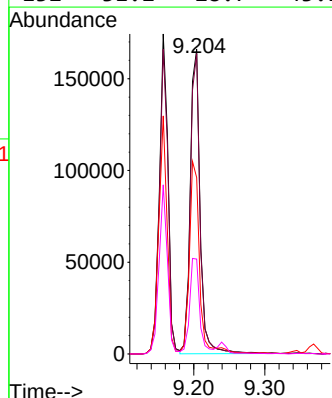
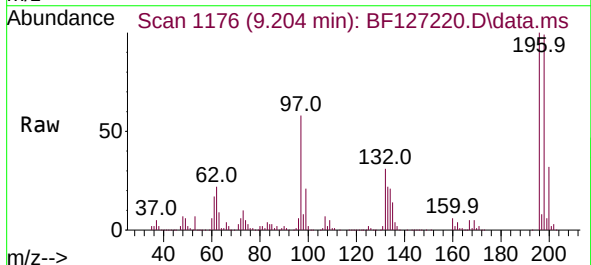
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

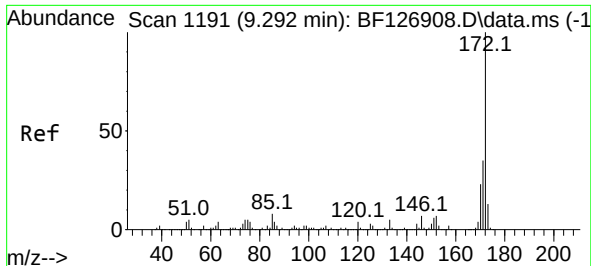
Tgt Ion:196 Resp: 147864
Ion Ratio Lower Upper
196 100
198 95.2 78.5 117.7
200 30.1 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 50.252 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:196 Resp: 160746
Ion Ratio Lower Upper
196 100
198 98.6 82.0 123.0
97 57.9 53.5 80.3
132 31.2 28.7 43.1

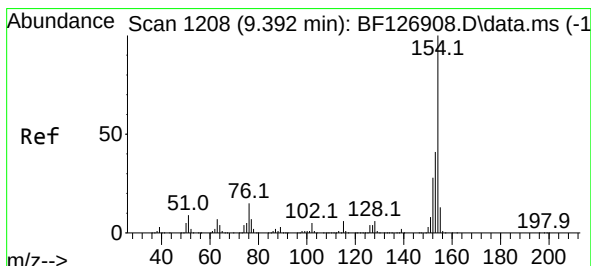
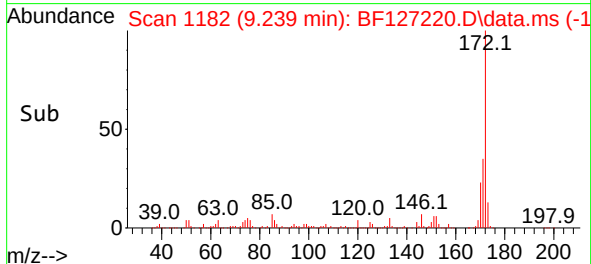
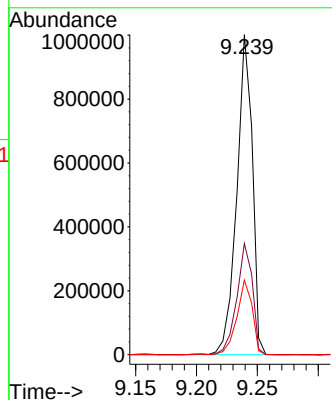
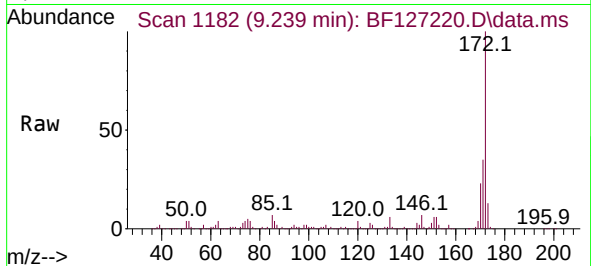




#45
2-Fluorobiphenyl
Concen: 83.000 ng
RT: 9.239 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

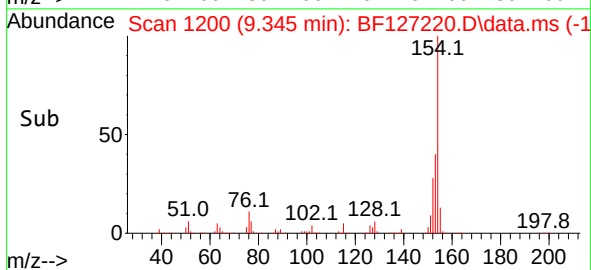
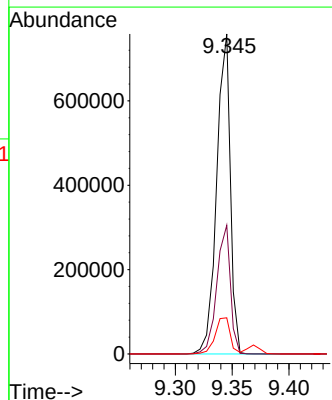
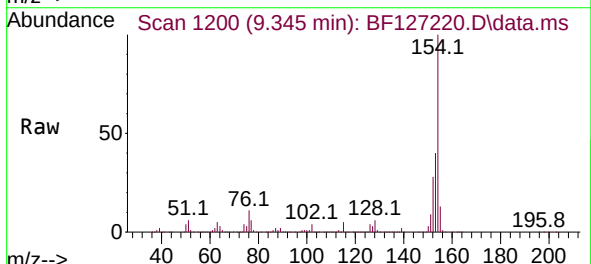
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

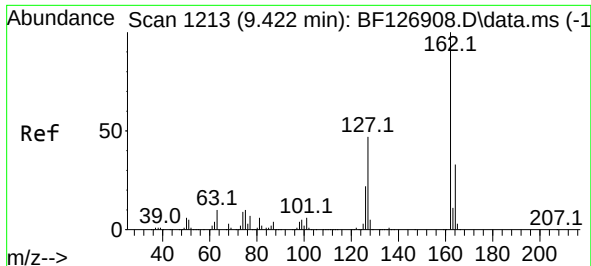
Tgt Ion:172 Resp: 887700
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 50.738 ng
RT: 9.345 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:154 Resp: 632921
Ion Ratio Lower Upper
154 100
153 40.2 19.0 59.0
76 11.3 0.0 34.5

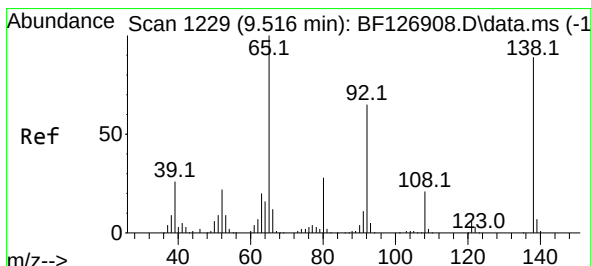
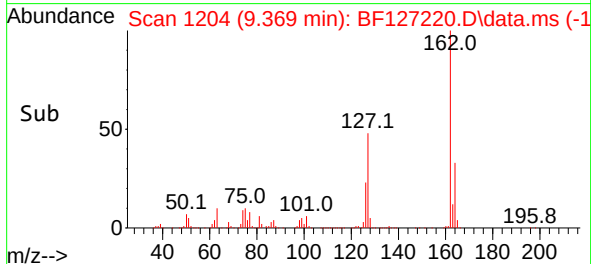
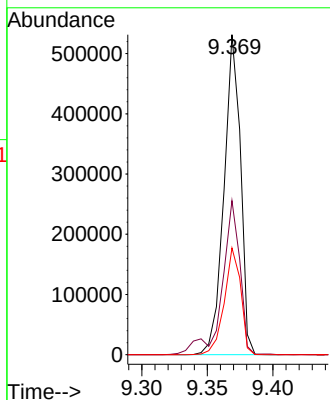
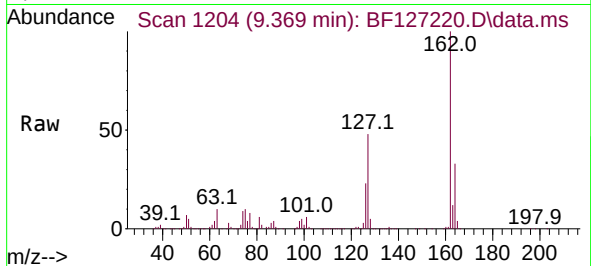




#47
2-Chloronaphthalene
Concen: 50.233 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

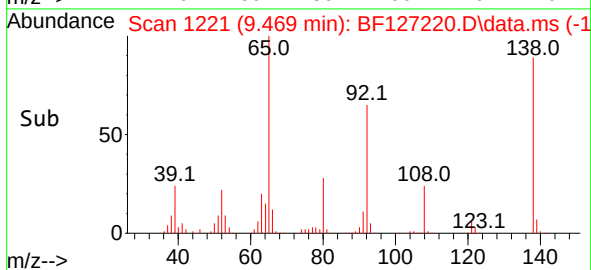
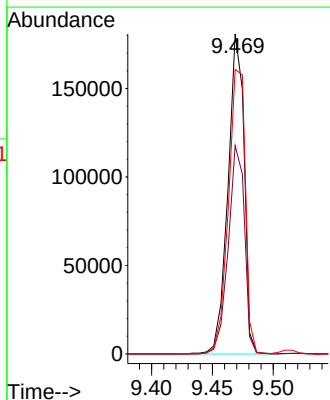
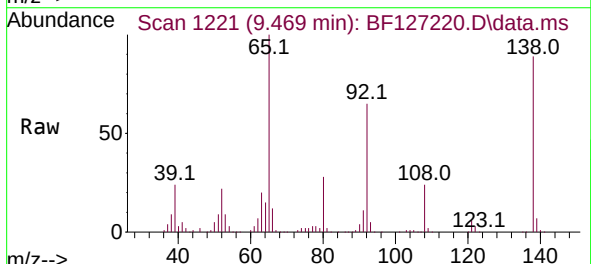
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

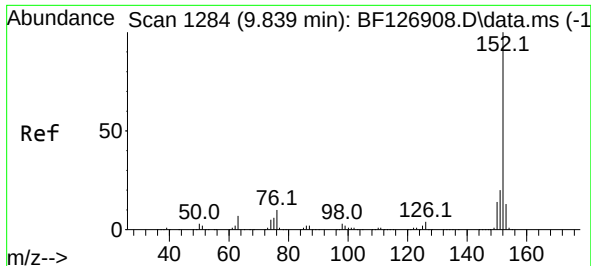
Tgt Ion:162 Resp: 464680
Ion Ratio Lower Upper
162 100
127 48.2 33.5 50.3
164 33.4 26.2 39.4



#48
2-Nitroaniline
Concen: 45.621 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion: 65 Resp: 166535
Ion Ratio Lower Upper
65 100
92 65.1 54.4 81.6
138 89.0 72.5 108.7

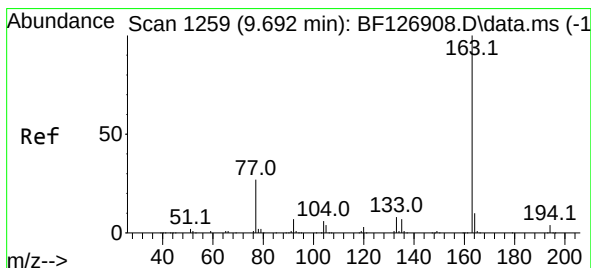
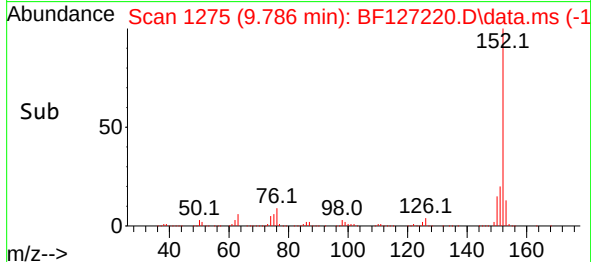
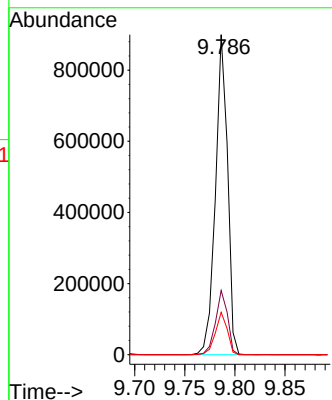
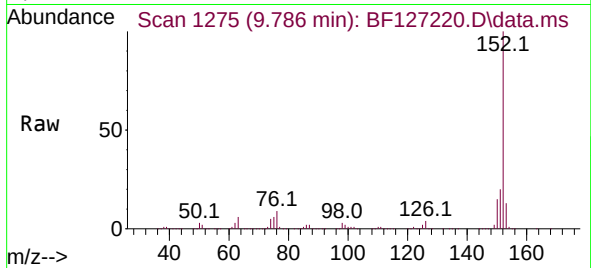




#49
Acenaphthylene
Concen: 50.247 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

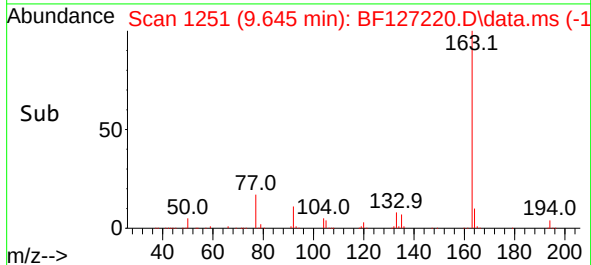
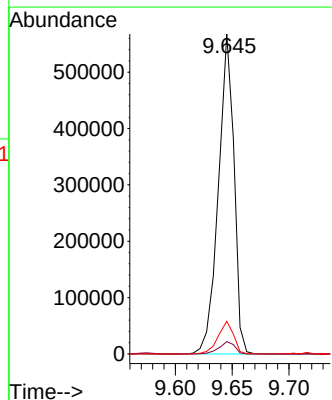
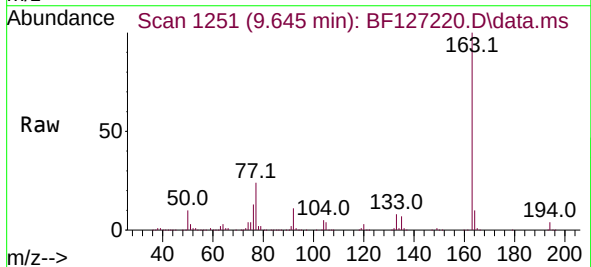
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

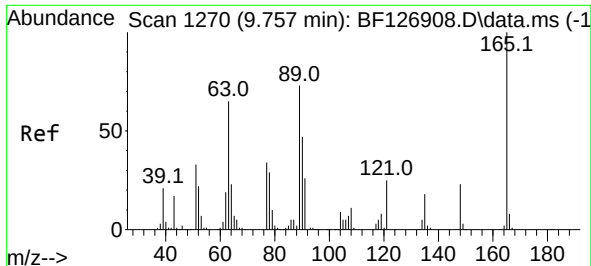
Tgt Ion:152 Resp: 755027
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.3 11.4 17.0



#50
Dimethylphthalate
Concen: 48.325 ng
RT: 9.645 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:163 Resp: 543867
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.2 7.8 11.8

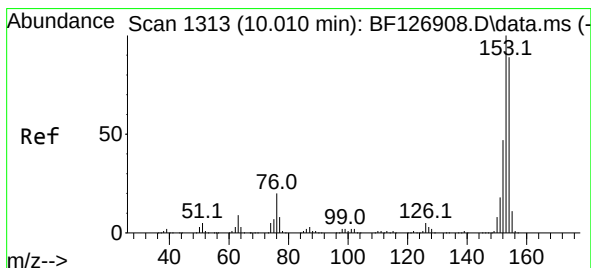
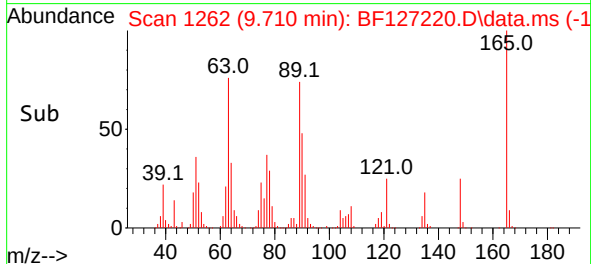
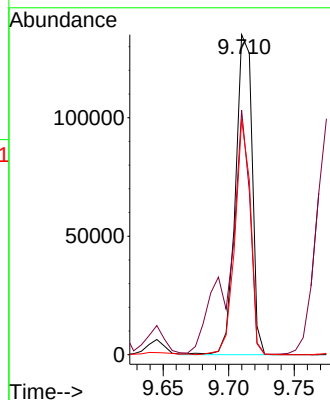
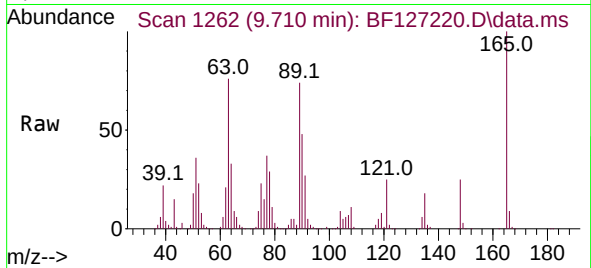




#51
2,6-Dinitrotoluene
Concen: 52.403 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

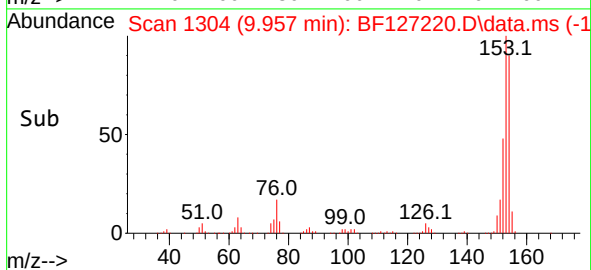
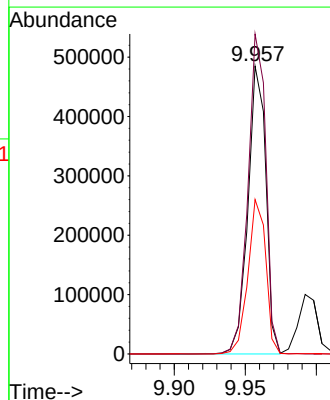
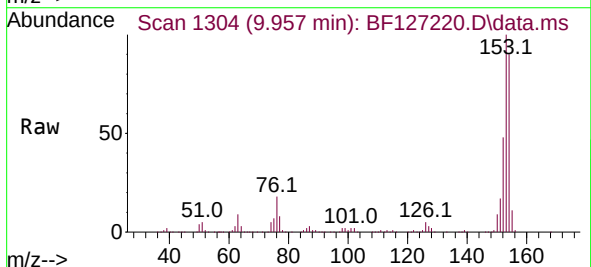
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

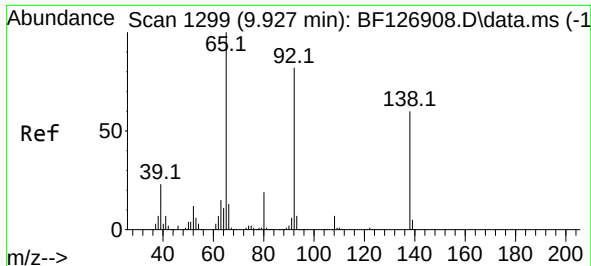
Tgt Ion:165 Resp: 119989
Ion Ratio Lower Upper
165 100
63 76.3 48.4 72.6#
89 73.5 50.5 75.7



#52
Acenaphthene
Concen: 43.544 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:154 Resp: 425524
Ion Ratio Lower Upper
154 100
153 111.2 87.8 131.6
152 53.6 39.4 59.2

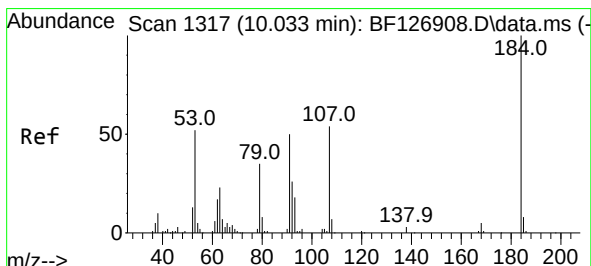
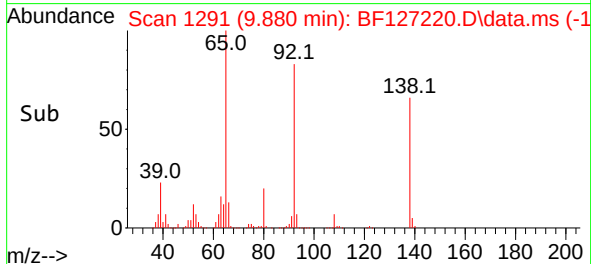
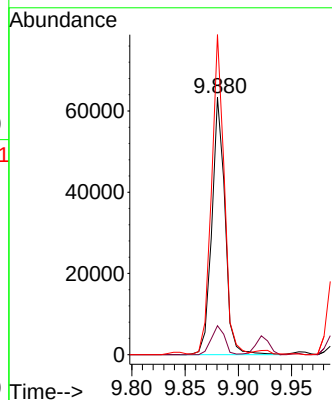
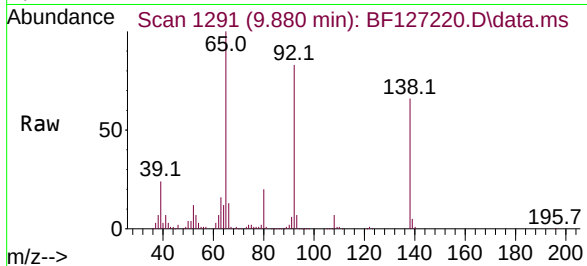




#53
3-Nitroaniline
Concen: 19.453 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

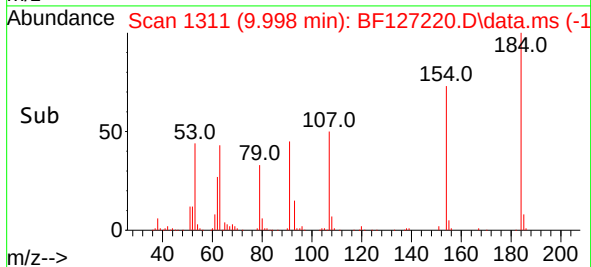
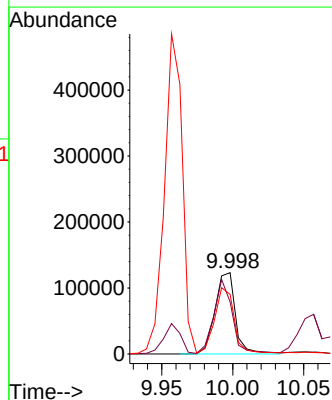
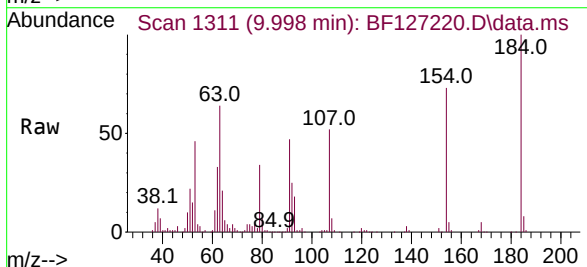
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

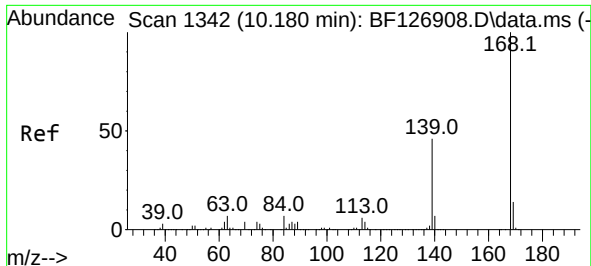
Tgt Ion:138 Resp: 54447
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 124.4 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 101.344 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:184 Resp: 122823
Ion Ratio Lower Upper
184 100
63 64.0 70.4 105.6#
154 73.3 49.7 74.5

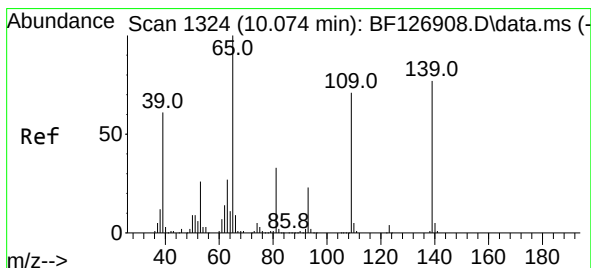
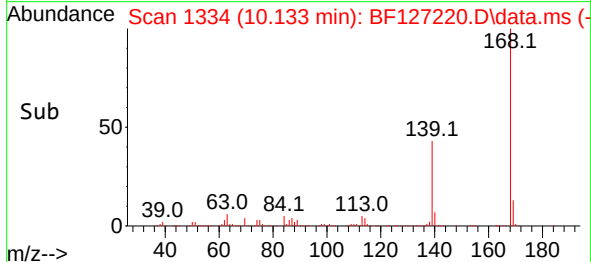
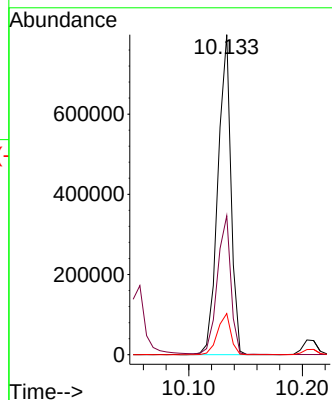
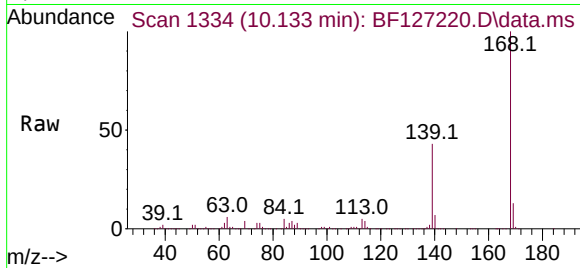




#55
Dibenzenofuran
Concen: 47.342 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

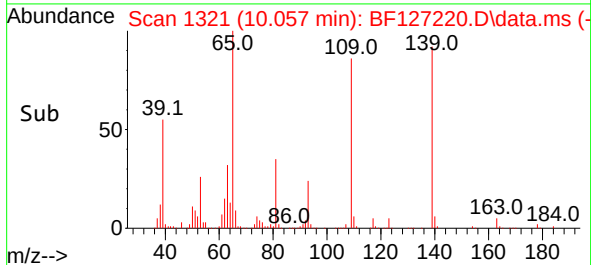
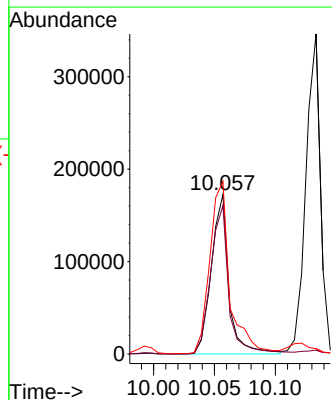
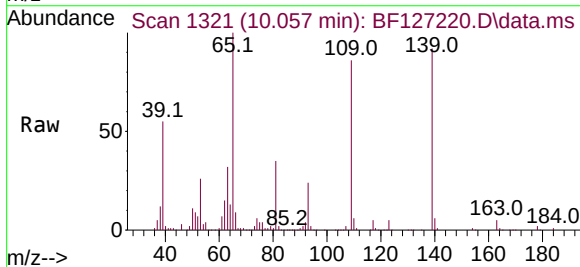
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

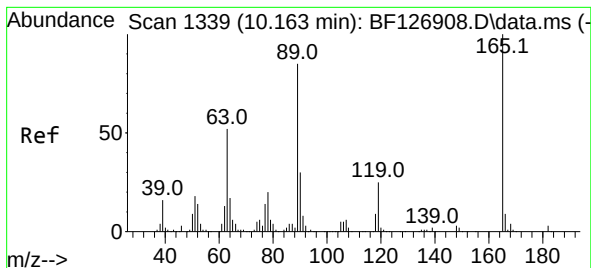
Tgt Ion:168 Resp: 636163
Ion Ratio Lower Upper
168 100
139 43.4 30.6 46.0
169 12.8 10.0 15.0



#56
4-Nitrophenol
Concen: 83.373 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

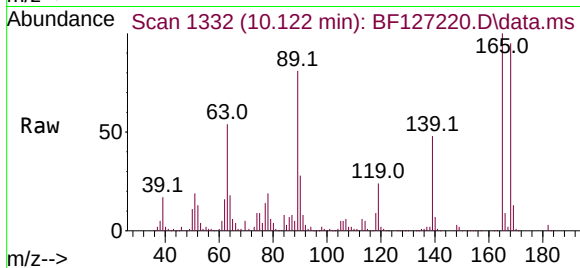
Tgt Ion:139 Resp: 172350
Ion Ratio Lower Upper
139 100
109 93.1 44.1 84.1#
65 108.3 85.5 125.5



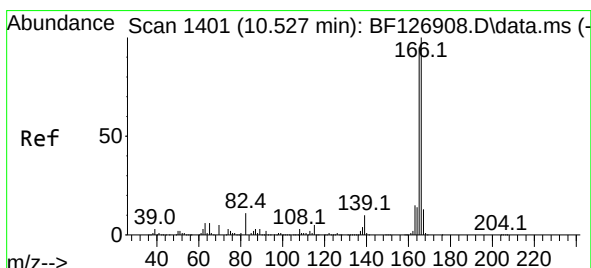
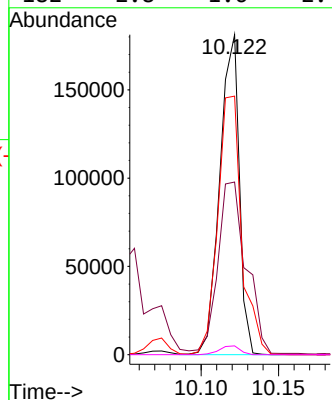
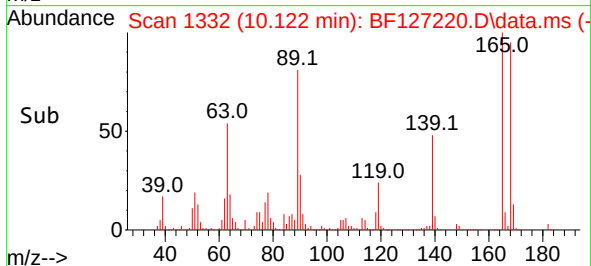


#57
2,4-Dinitrotoluene
Concen: 51.248 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

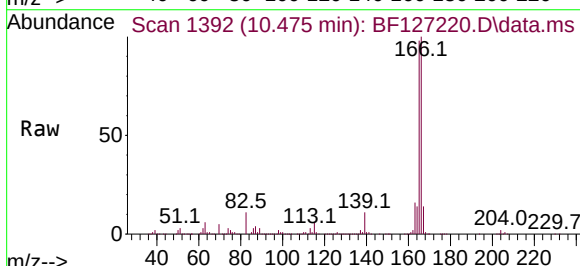
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



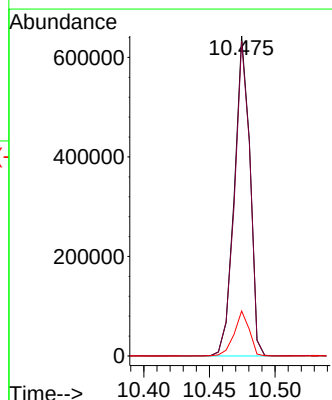
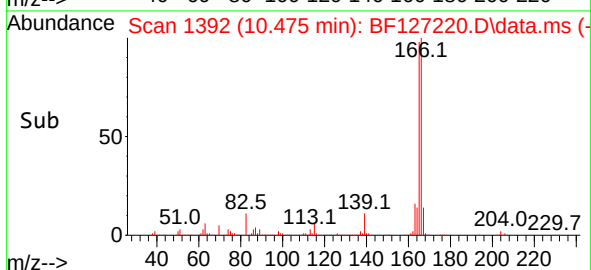
Tgt Ion:165 Resp: 158657
Ion Ratio Lower Upper
165 100
63 53.9 43.0 64.6
89 80.8 71.0 106.4
182 2.8 1.6 2.4#

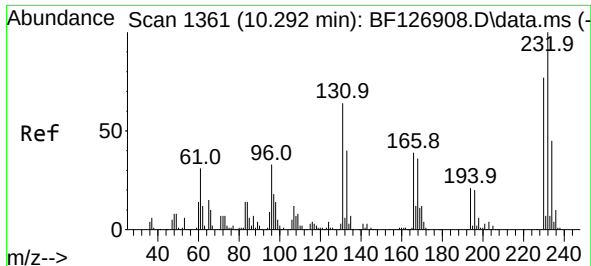


#58
Fluorene
Concen: 50.606 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:166 Resp: 529697
Ion Ratio Lower Upper
166 100
165 98.3 77.7 116.5
167 14.0 10.7 16.1

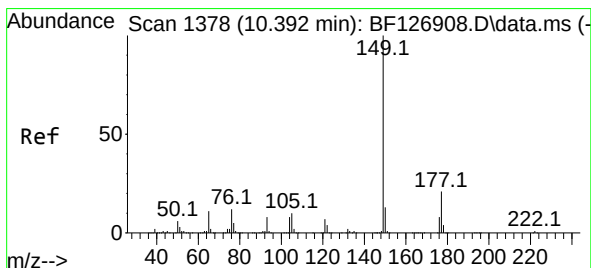
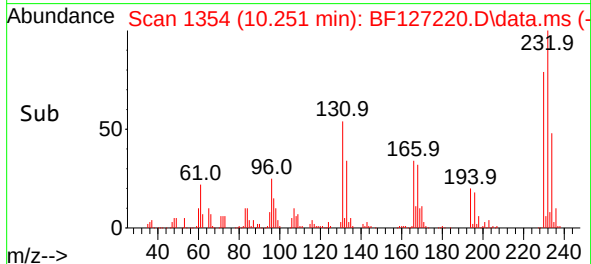
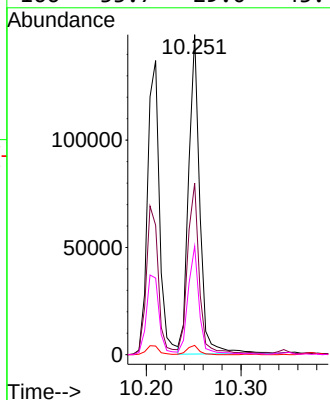
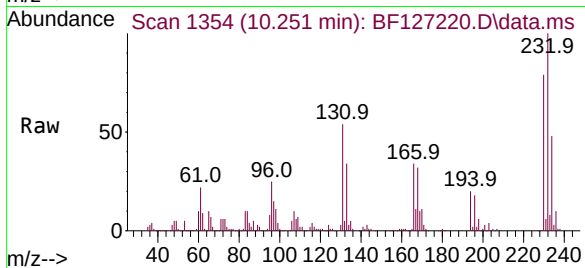




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.943 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

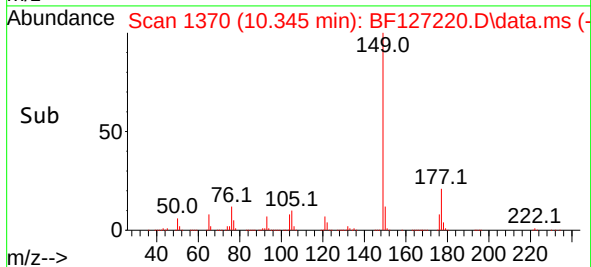
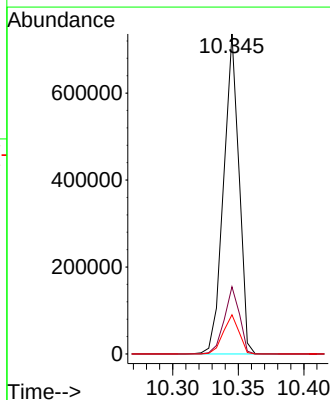
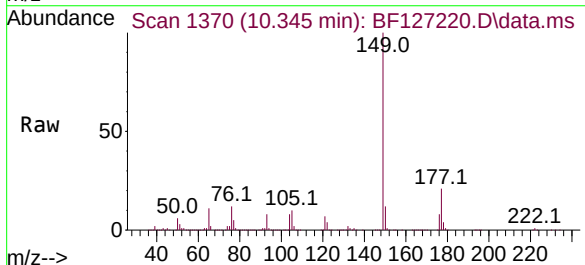
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

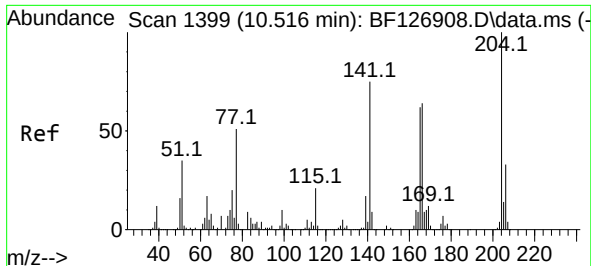
Tgt Ion:232 Resp: 121582
Ion Ratio Lower Upper
232 100
131 55.3 50.0 75.0
130 3.1 2.2 3.2
166 33.7 29.0 43.4



#60
Diethylphthalate
Concen: 50.920 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:149 Resp: 598803
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.2 9.8 14.8

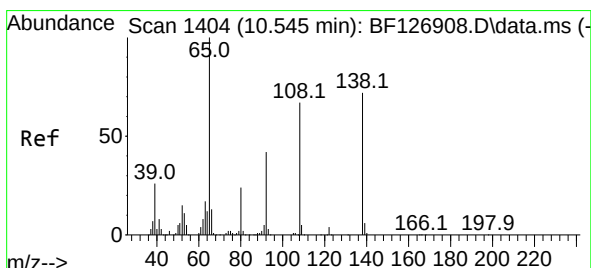
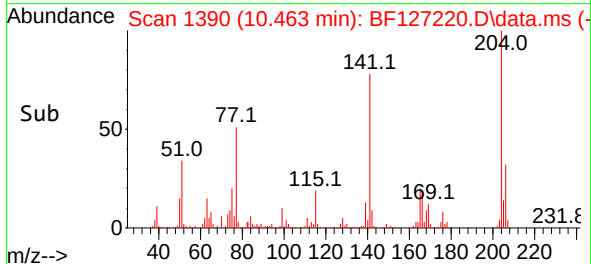
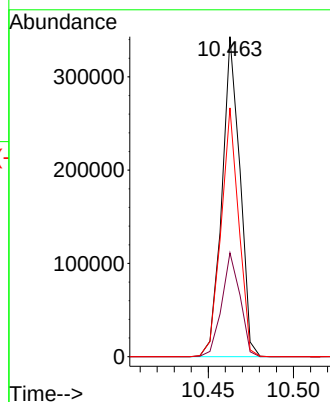
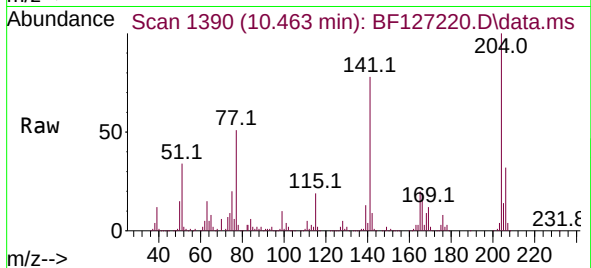




#61
4-Chlorophenyl-phenylether
Concen: 50.831 ng
RT: 10.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

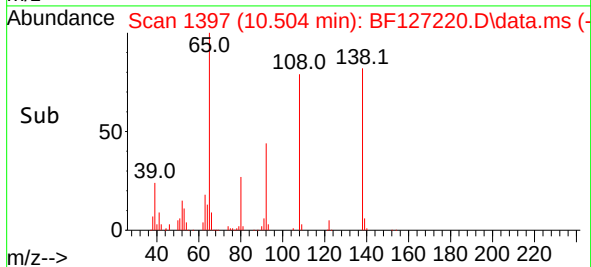
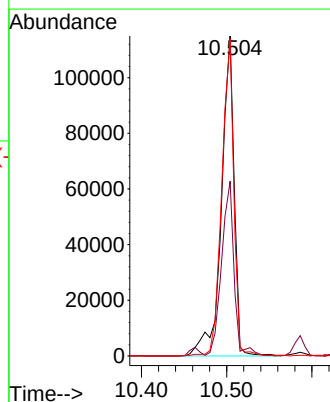
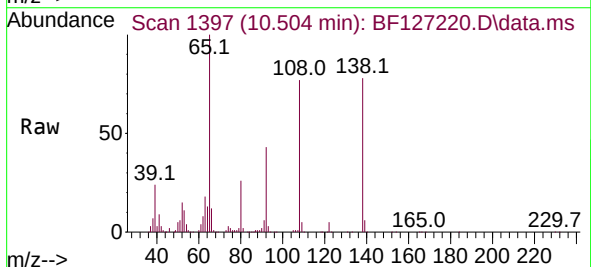
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

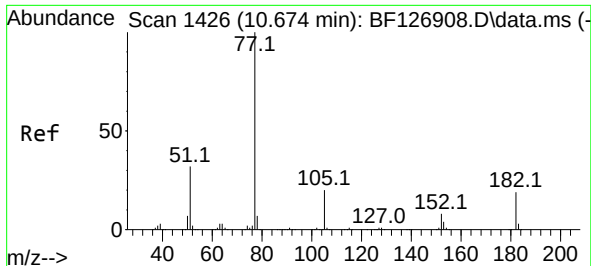
Tgt Ion:204 Resp: 250881
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 77.8 59.0 88.6



#62
4-Nitroaniline
Concen: 43.219 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:138 Resp: 119452
Ion Ratio Lower Upper
138 100
92 54.6 36.2 76.2
108 99.1 46.7 86.7#

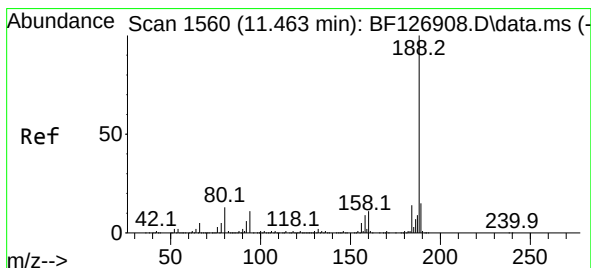
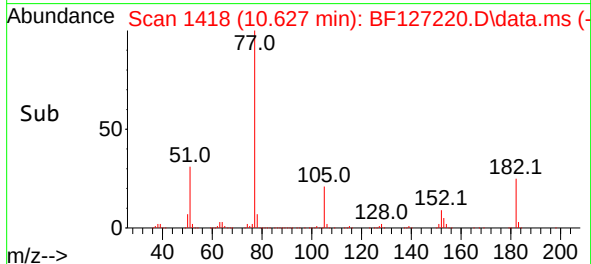
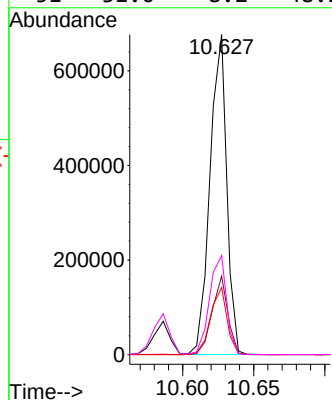
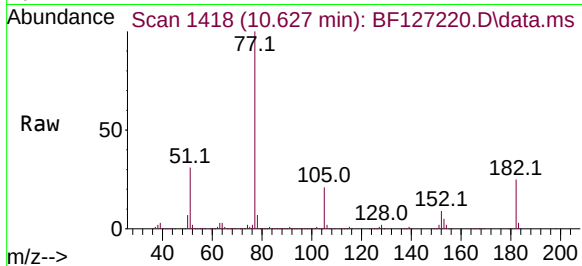




#63
Azobenzene
Concen: 42.300 ng
RT: 10.627 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

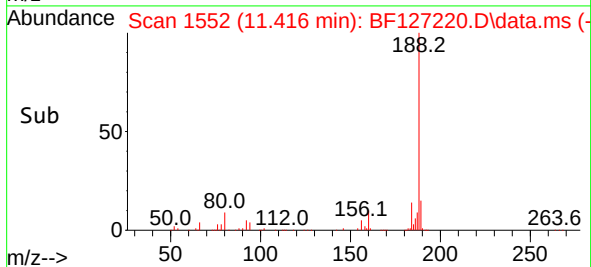
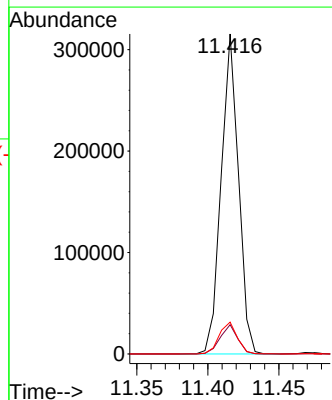
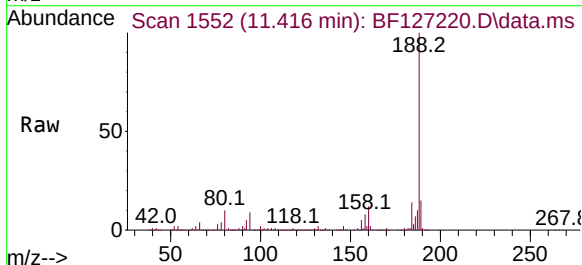
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

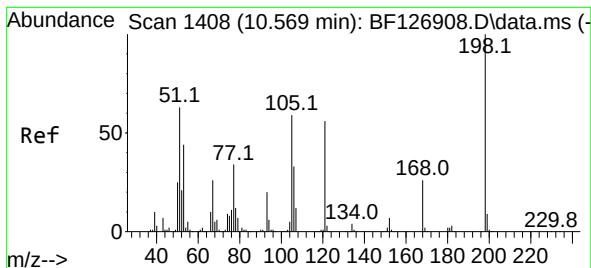
Tgt Ion: 77 Resp: 553907
Ion Ratio Lower Upper
77 100
182 24.5 0.0 39.0
105 21.0 3.2 43.2
51 31.0 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion: 188 Resp: 267531
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.0 11.8 17.6#

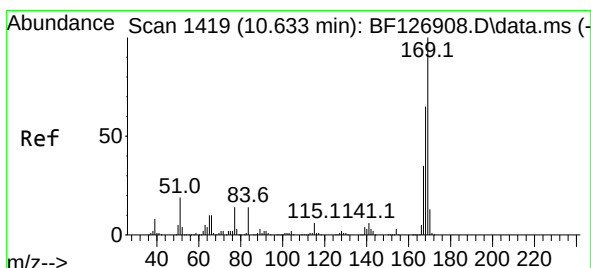
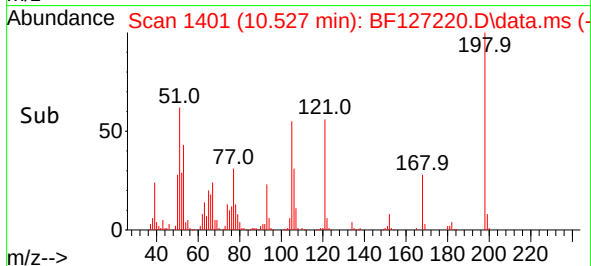
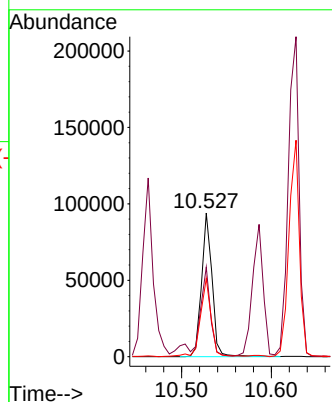
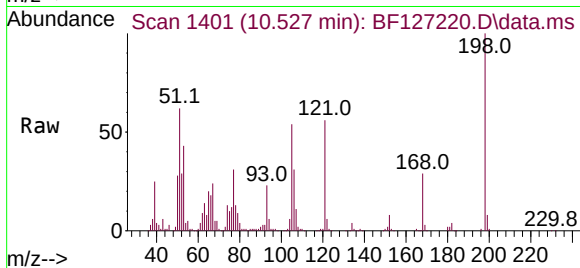




#65
4,6-Dinitro-2-methylphenol
Concen: 48.587 ng
RT: 10.527 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

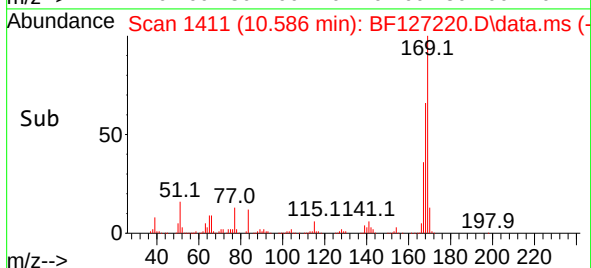
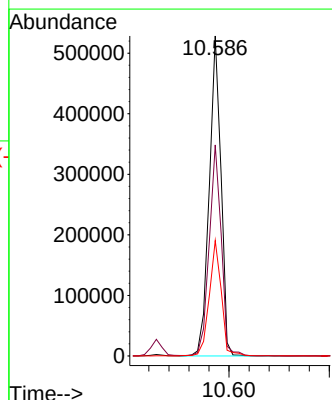
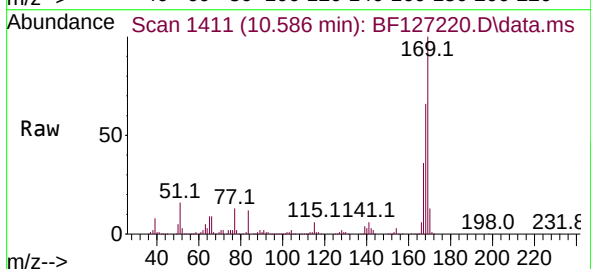
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

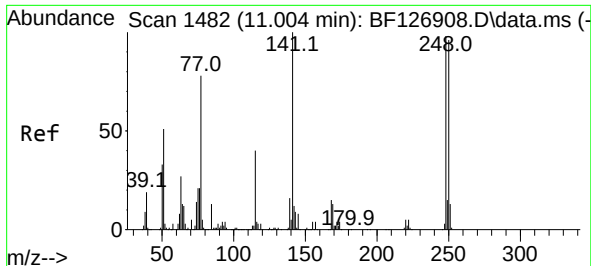
Tgt Ion:198 Resp: 76375
Ion Ratio Lower Upper
198 100
51 62.3 32.0 72.0
105 54.5 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 49.048 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:169 Resp: 430273
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.0 29.4 44.0

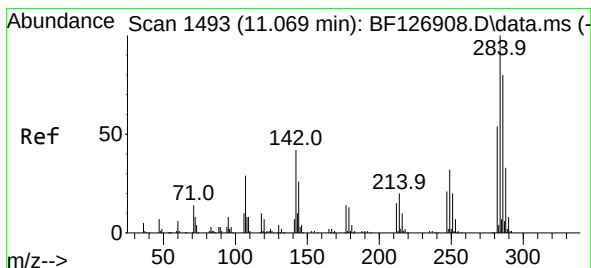
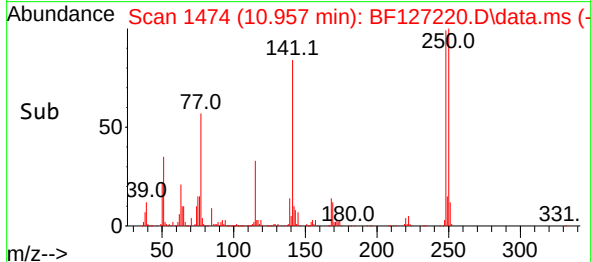
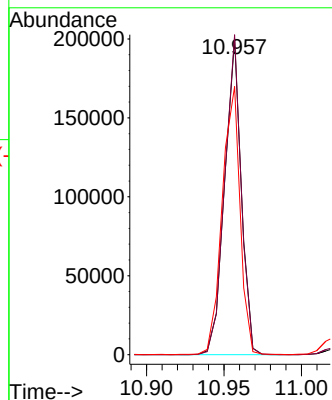
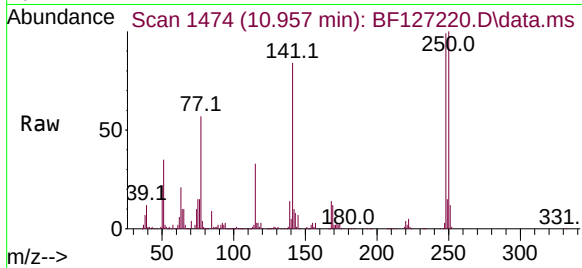




#67
4-Bromophenyl-phenylether
Concen: 49.958 ng
RT: 10.957 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

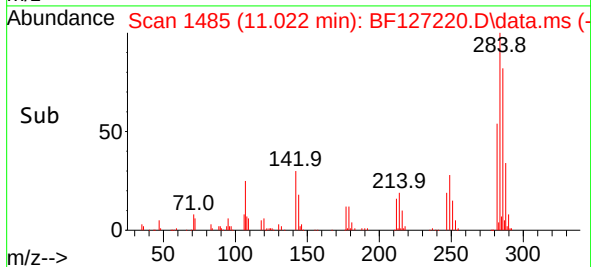
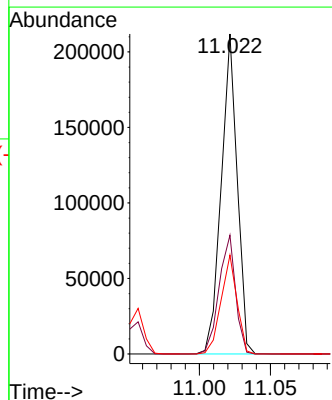
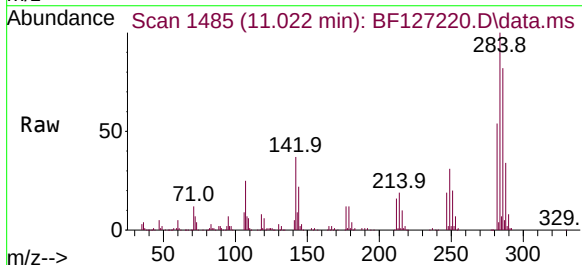
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

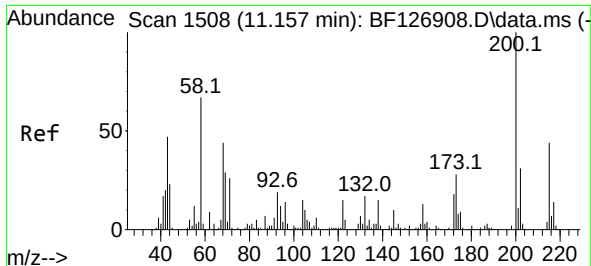
Tgt Ion:248 Resp: 149330
Ion Ratio Lower Upper
248 100
250 101.3 76.2 114.4
141 84.9 66.2 99.4



#68
Hexachlorobenzene
Concen: 51.368 ng
RT: 11.022 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:284 Resp: 165297
Ion Ratio Lower Upper
284 100
142 37.1 30.7 46.1
249 30.9 21.1 31.7

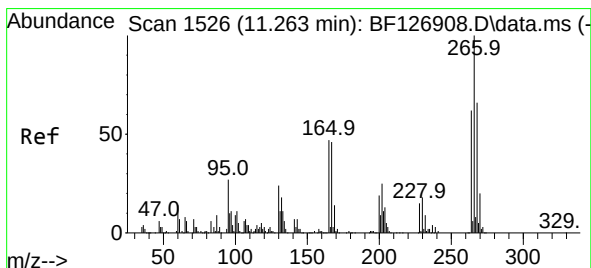
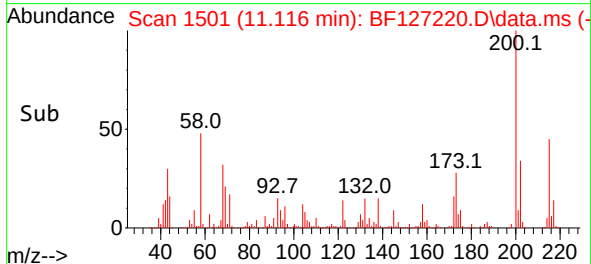
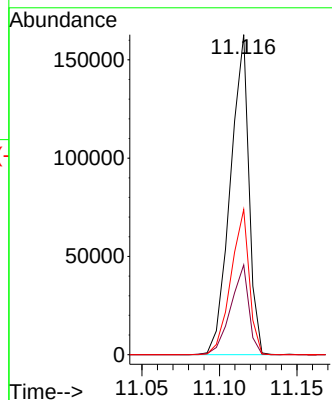
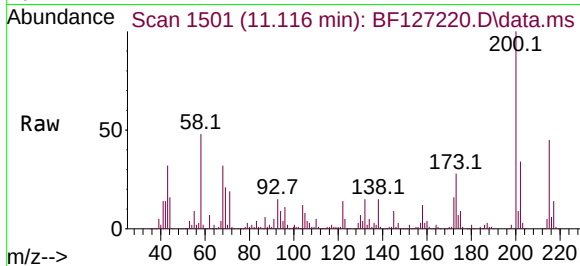




#69
 Atrazine
 Concen: 49.883 ng
 RT: 11.116 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

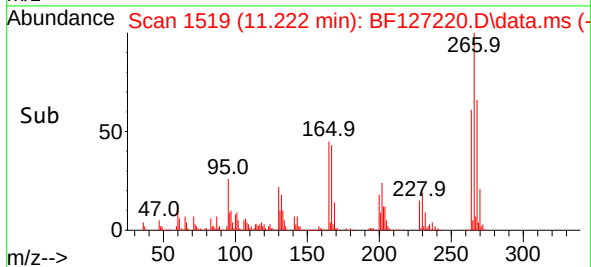
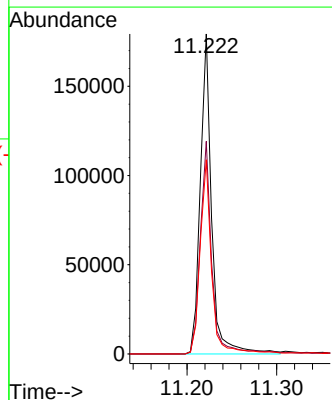
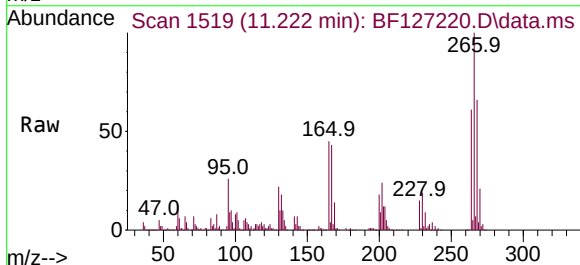
Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MSD

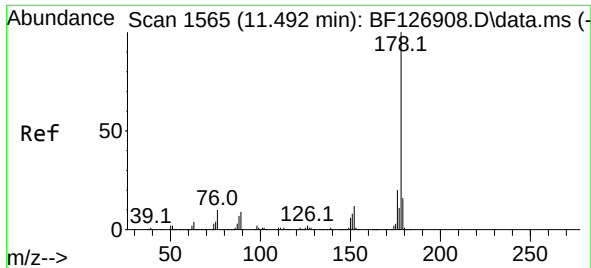
Tgt Ion:200 Resp: 135723
 Ion Ratio Lower Upper
 200 100
 173 28.1 9.2 49.2
 215 45.4 23.2 63.2



#70
 Pentachlorophenol
 Concen: 89.618 ng
 RT: 11.222 min Scan# 1519
 Delta R.T. 0.006 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

Tgt Ion:266 Resp: 157423
 Ion Ratio Lower Upper
 266 100
 268 66.4 52.3 78.5
 264 60.7 50.4 75.6

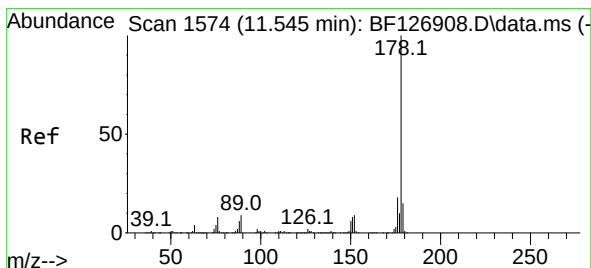
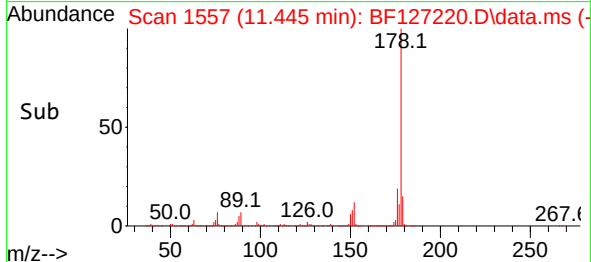
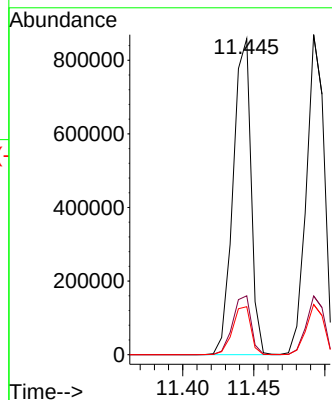
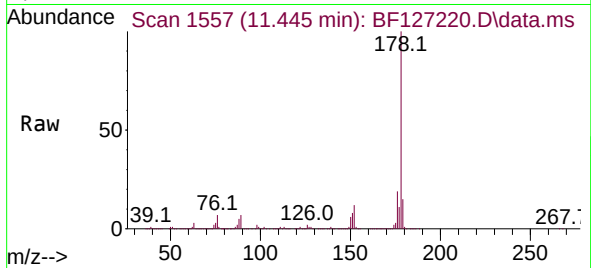




#71
Phenanthrene
Concen: 50.397 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

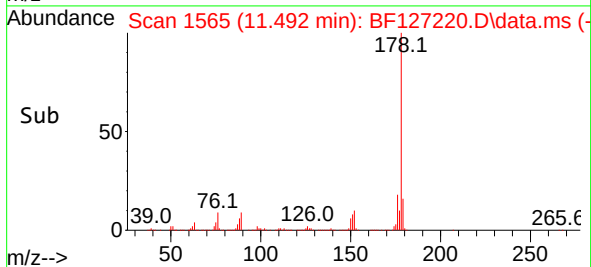
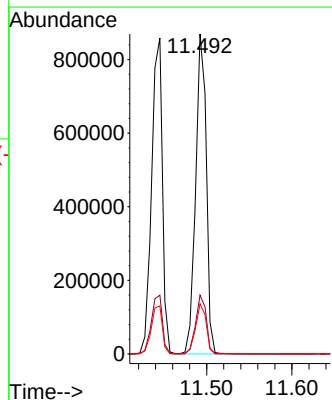
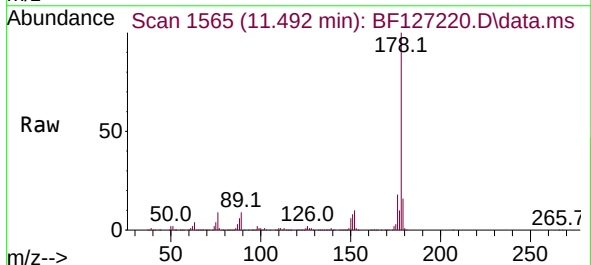
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

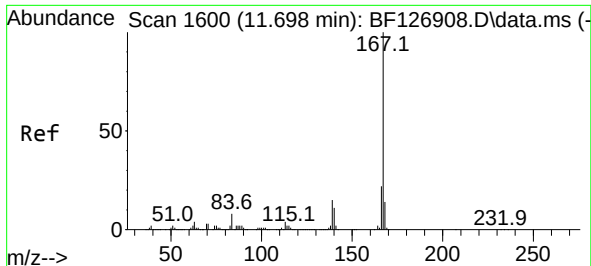
Tgt Ion:178 Resp: 754661
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.2 12.3 18.5



#72
Anthracene
Concen: 50.743 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:178 Resp: 756436
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.7 12.5 18.7

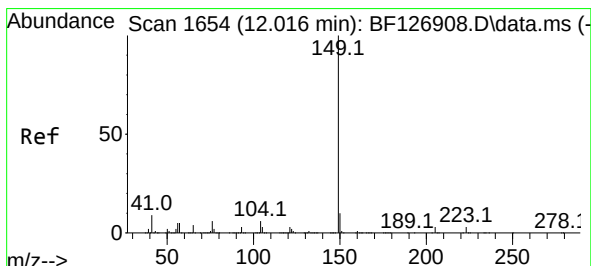
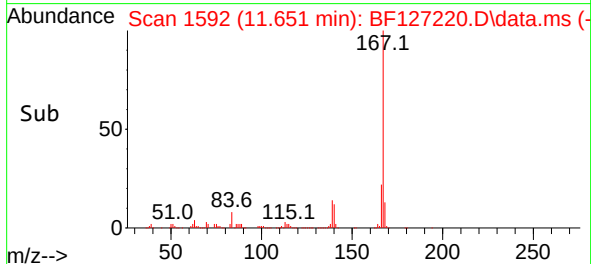
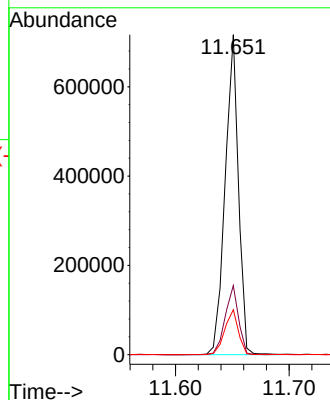
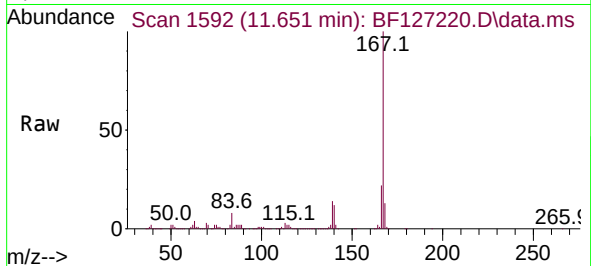




#73
 Carbazole
 Concen: 42.731 ng
 RT: 11.651 min Scan# 11651
 Delta R.T. -0.000 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

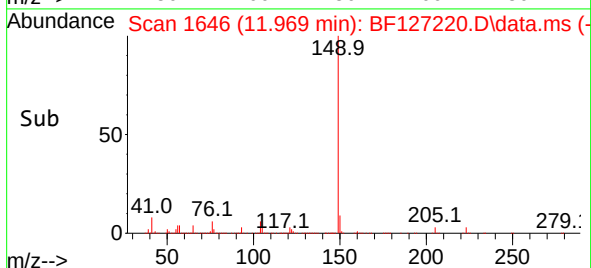
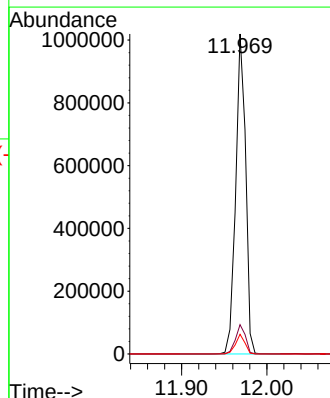
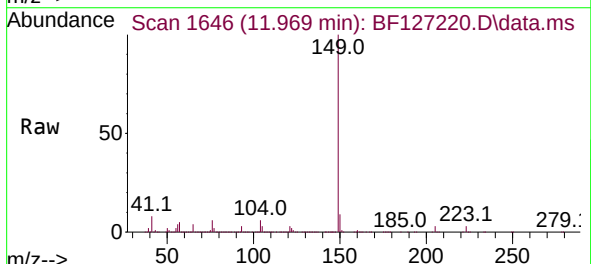
Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MSD

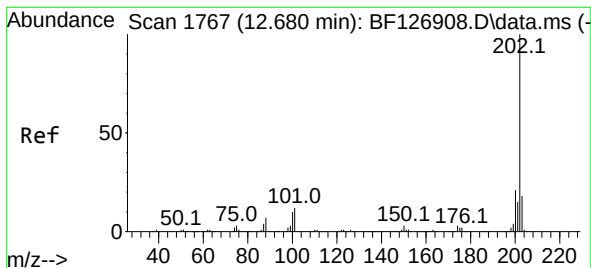
Tgt Ion:167 Resp: 584153
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 14.0 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 47.054 ng
 RT: 11.969 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

Tgt Ion:149 Resp: 826944
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.2 4.2 6.2





#75

Fluoranthene

Concen: 45.863 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

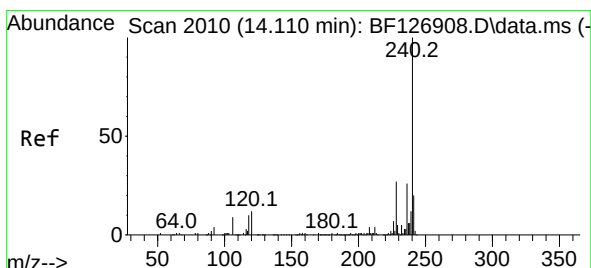
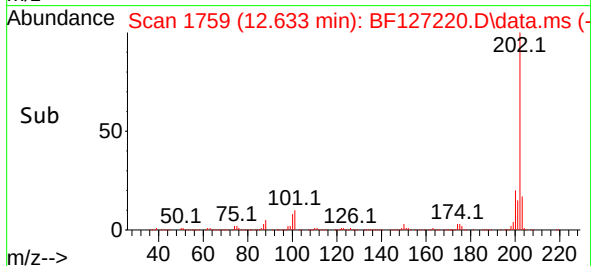
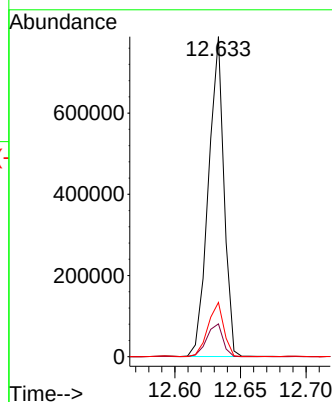
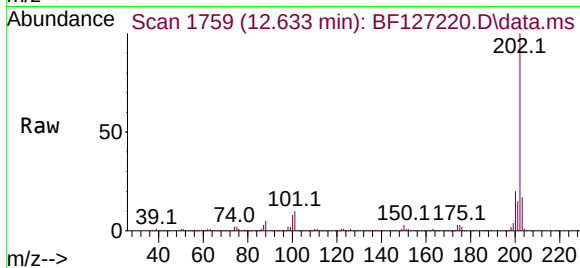
Tgt Ion:202 Resp: 652090

Ion Ratio Lower Upper

202 100

101 10.2 0.0 35.7

203 16.9 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

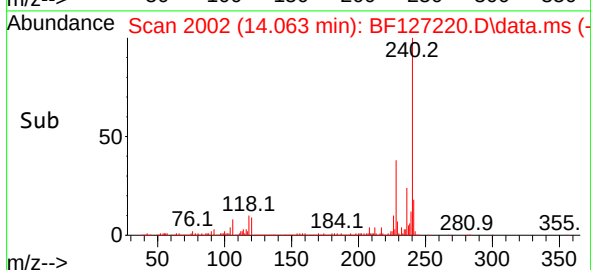
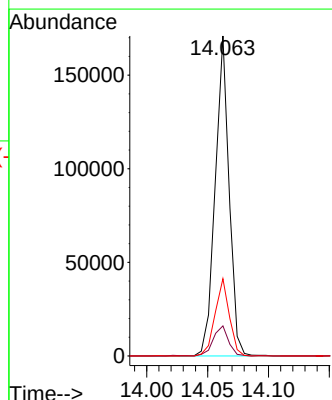
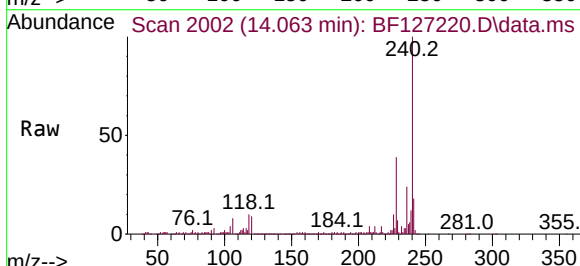
Tgt Ion:240 Resp: 135965

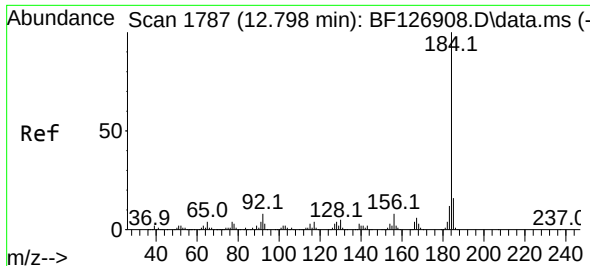
Ion Ratio Lower Upper

240 100

120 9.4 14.4 21.6#

236 24.2 20.5 30.7

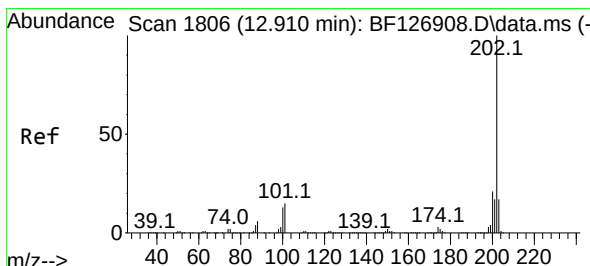
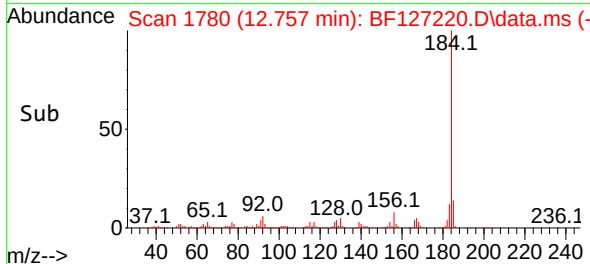
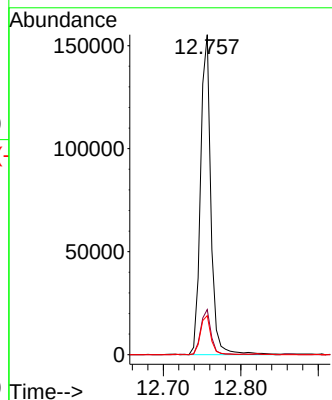
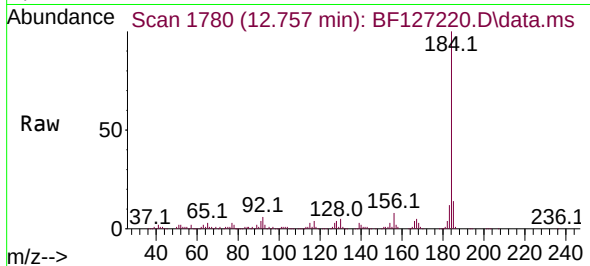




#77
Benzidine
Concen: 38.882 ng
RT: 12.757 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

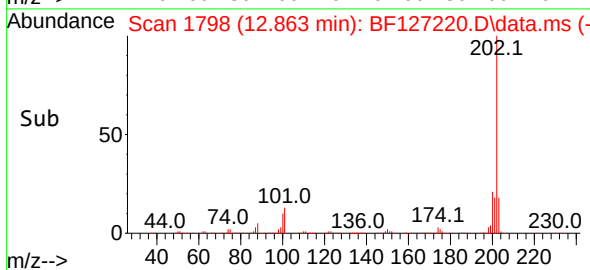
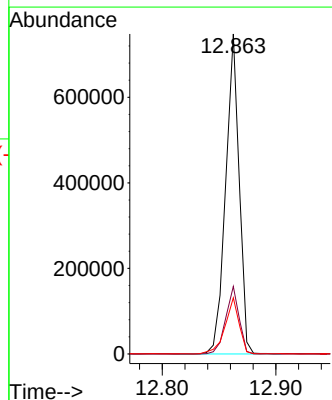
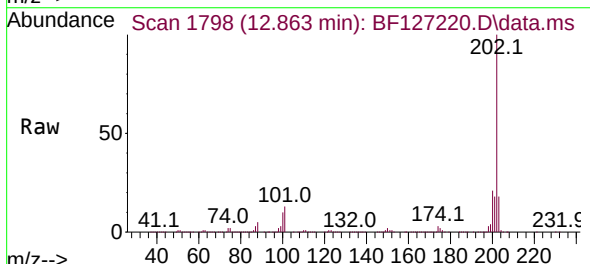
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

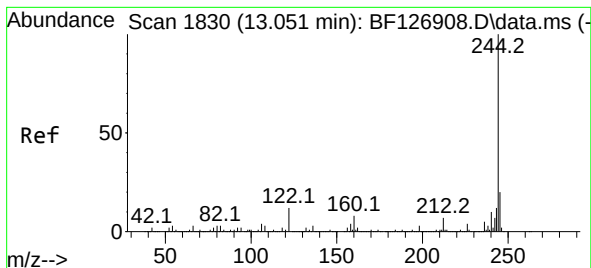
Tgt Ion:184 Resp: 143668
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 12.2 8.2 12.2



#78
Pyrene
Concen: 52.413 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:202 Resp: 619123
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 83.145 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

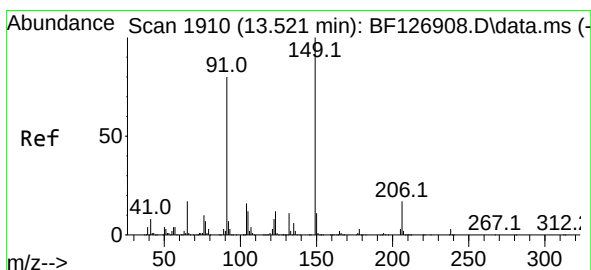
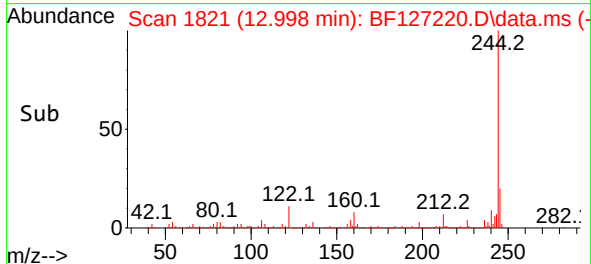
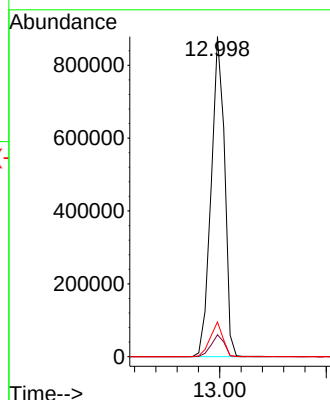
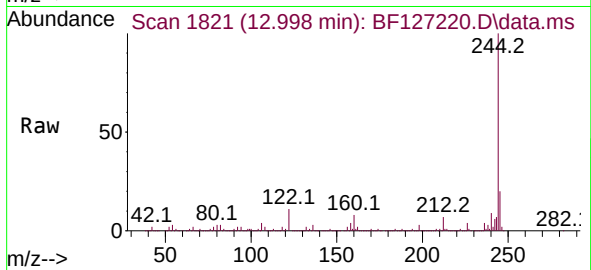
Tgt Ion:244 Resp: 769010

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

122 10.9 13.3 19.9#



#80

Butylbenzylphthalate

Concen: 44.437 ng

RT: 13.474 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

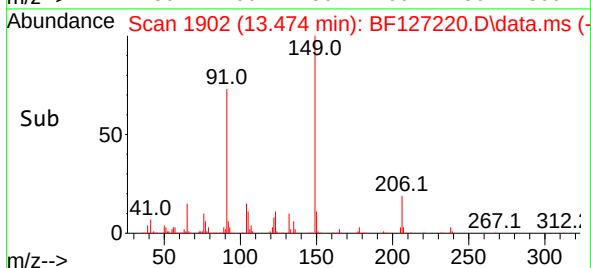
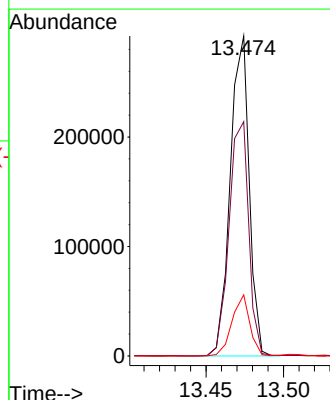
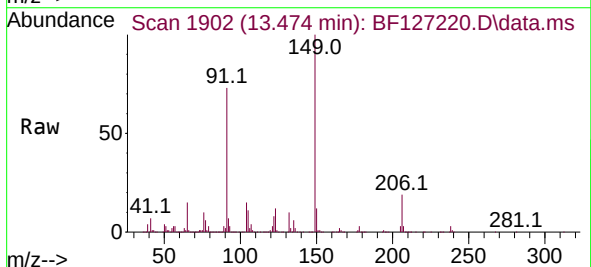
Tgt Ion:149 Resp: 248500

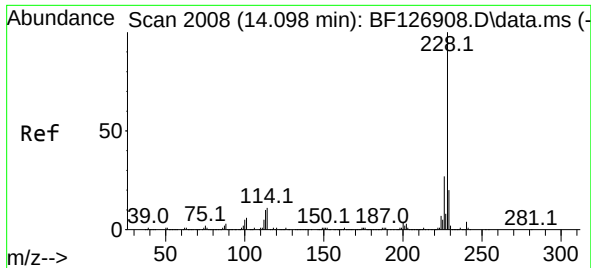
Ion Ratio Lower Upper

149 100

91 73.2 70.5 105.7

206 19.1 12.6 19.0#

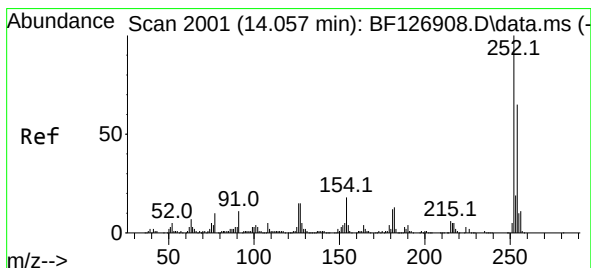
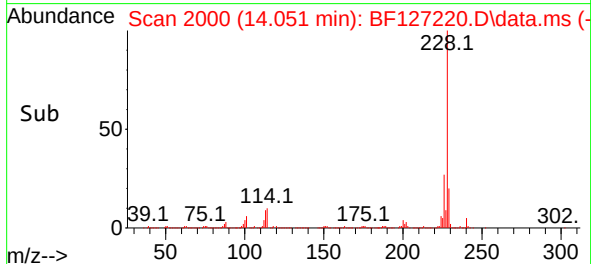
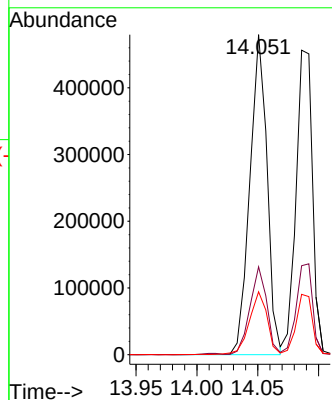
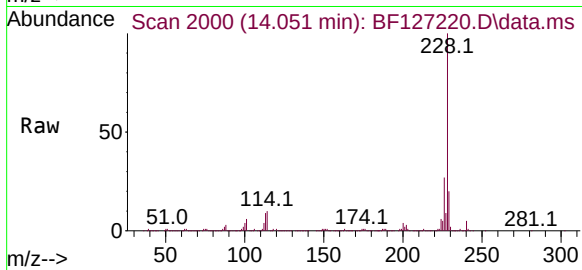




#81
Benzo(a)anthracene
Concen: 51.489 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

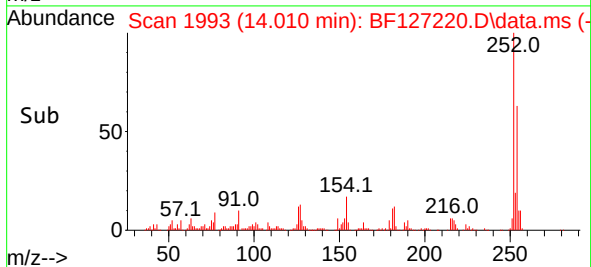
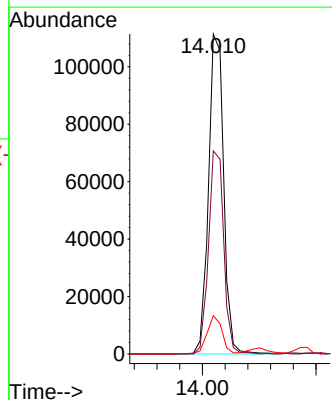
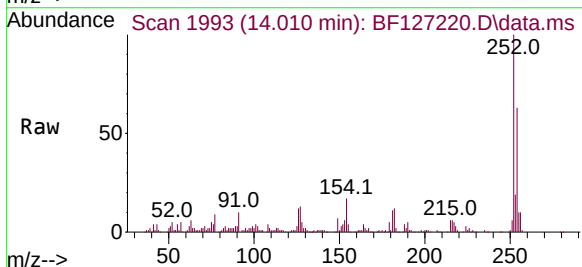
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

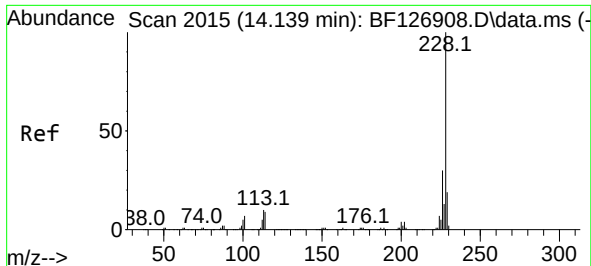
Tgt Ion:228 Resp: 471964
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.6 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 35.637 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:252 Resp: 102945
Ion Ratio Lower Upper
252 100
254 63.4 51.0 76.4
126 12.0 13.4 20.0#

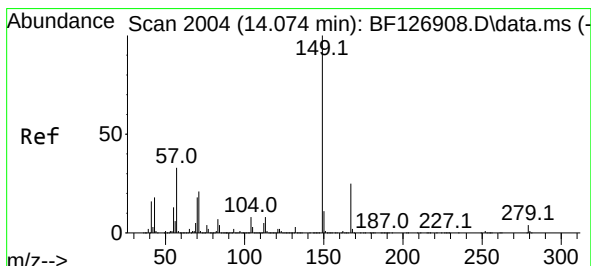
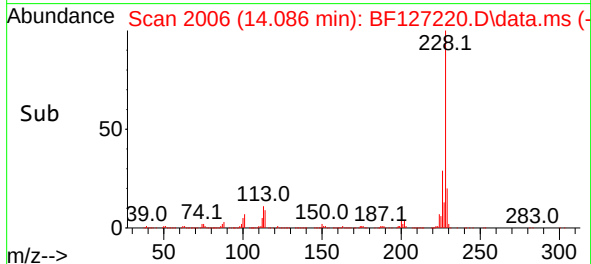
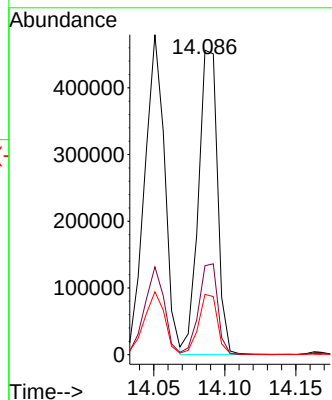
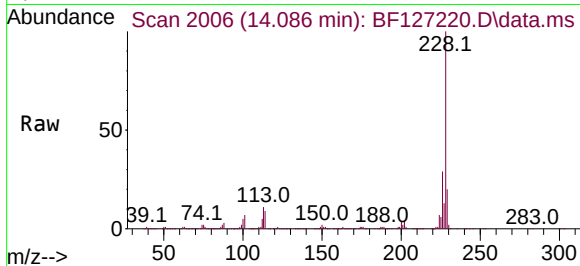




#83
Chrysene
Concen: 49.556 ng
RT: 14.086 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

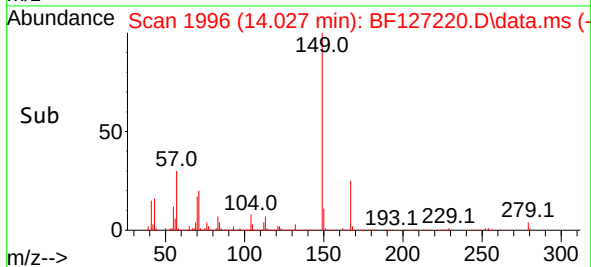
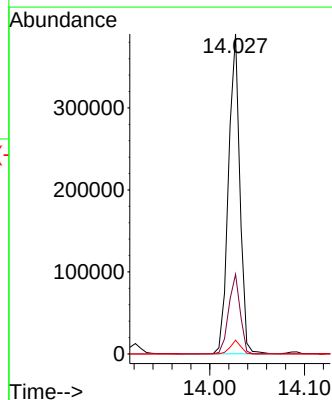
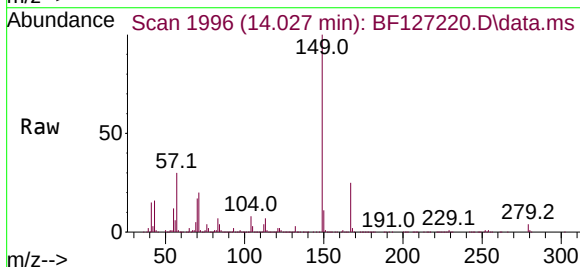
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

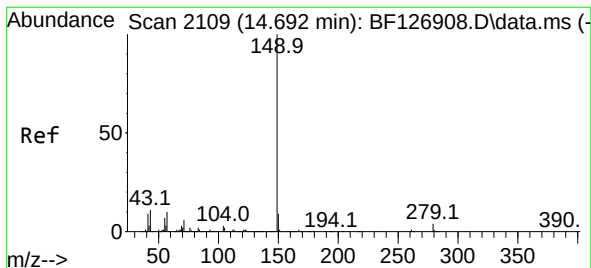
Tgt Ion:228 Resp: 427158
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 19.8 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.442 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:149 Resp: 326288
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.2
279 4.3 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 48.995 ng

RT: 14.639 min Scan# 2100

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

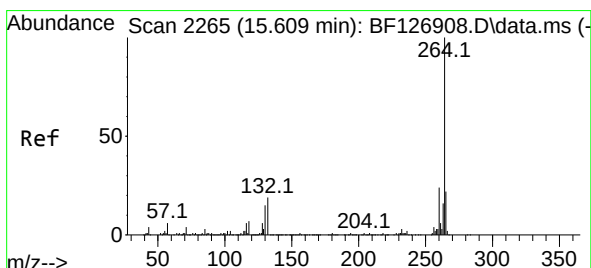
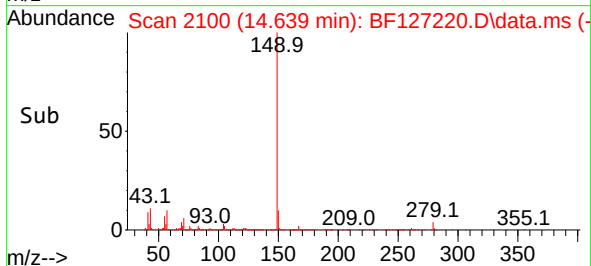
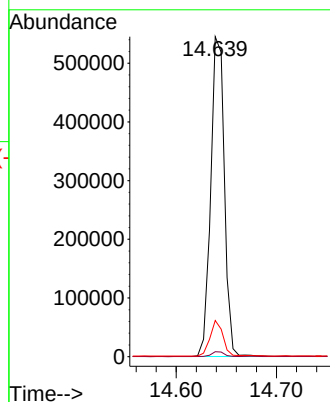
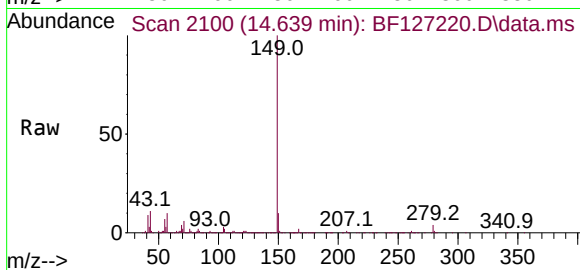
Tgt Ion:149 Resp: 517921

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.6 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

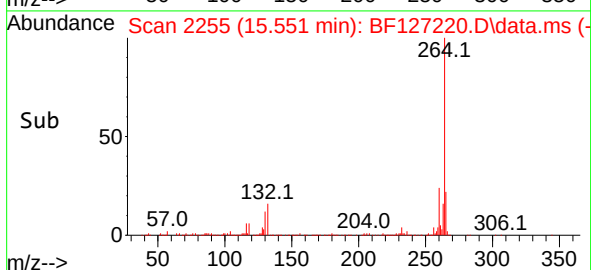
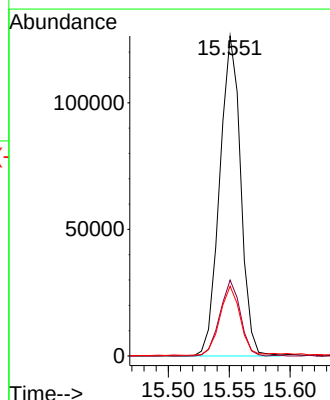
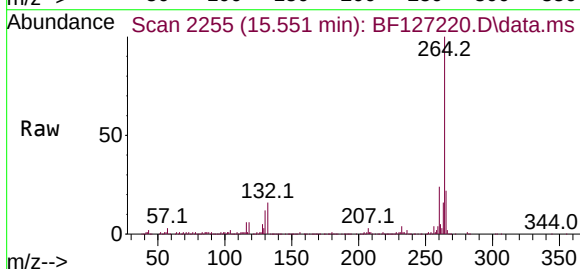
Tgt Ion:264 Resp: 151544

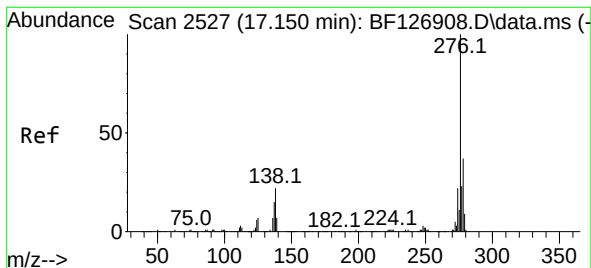
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.644 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

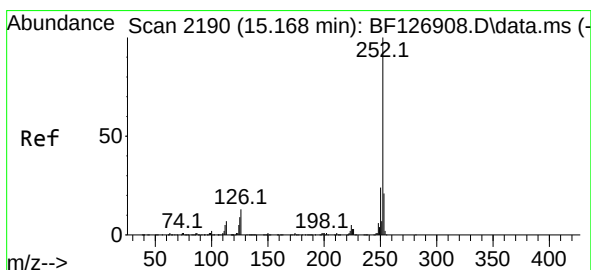
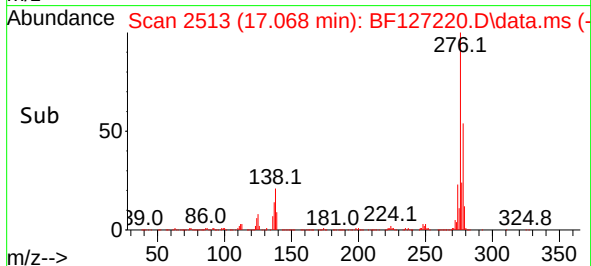
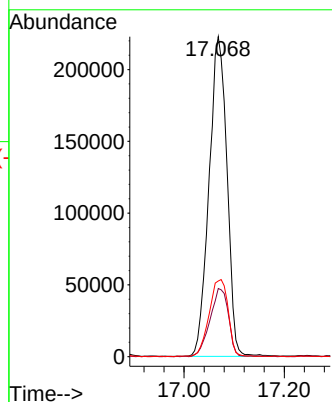
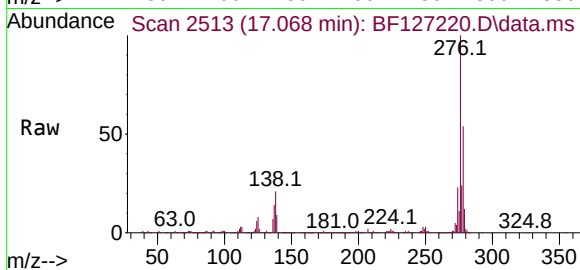
Tgt Ion:276 Resp: 552927

Ion Ratio Lower Upper

276 100

138 22.2 29.2 43.8#

277 25.3 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 49.130 ng

RT: 15.115 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

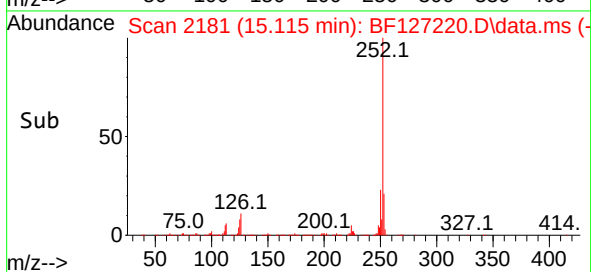
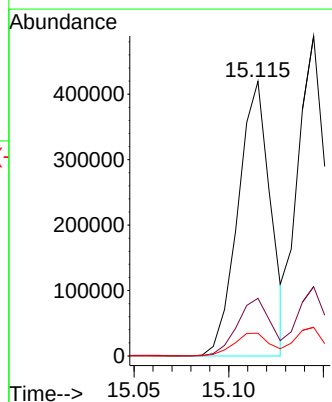
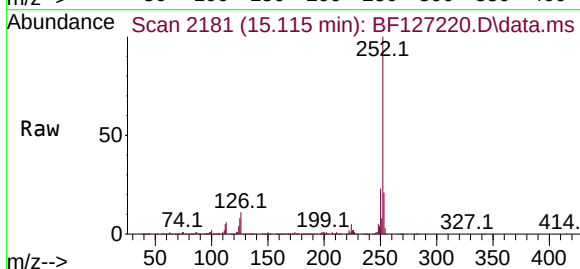
Tgt Ion:252 Resp: 500056

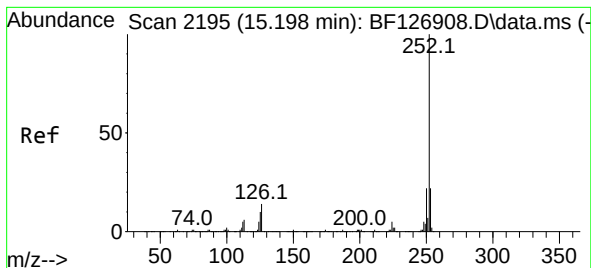
Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.8

125 8.3 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 49.465 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

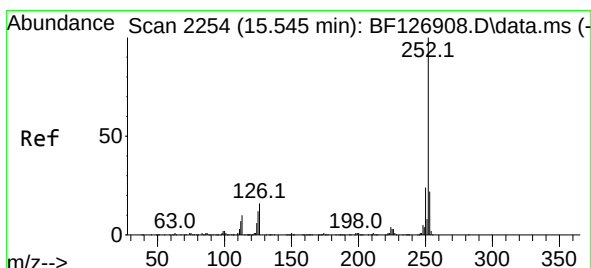
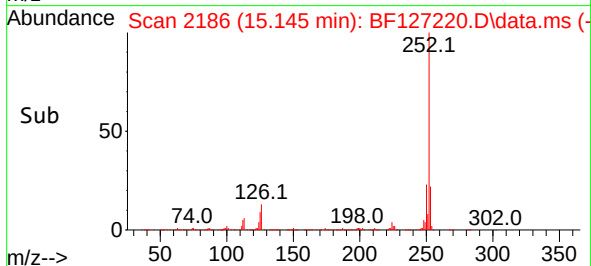
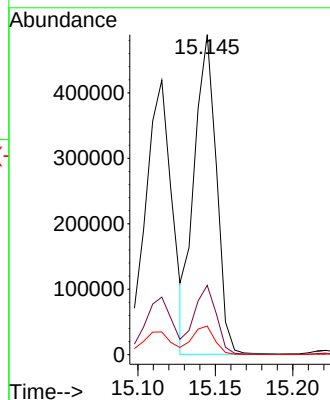
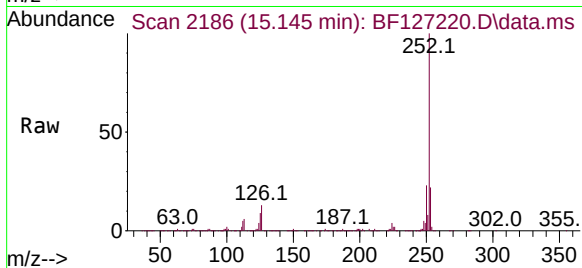
Tgt Ion:252 Resp: 485612

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.9 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 2.675 ng

RT: 15.421 min Scan# 2233

Delta R.T. -0.065 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

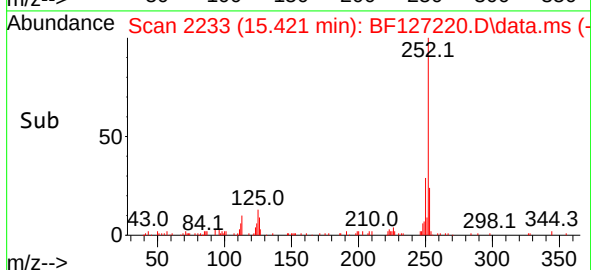
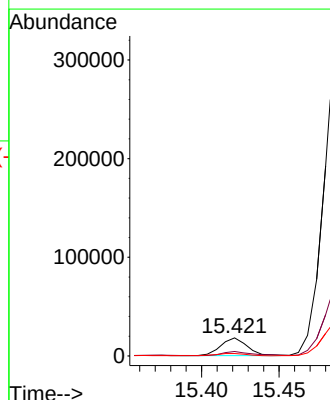
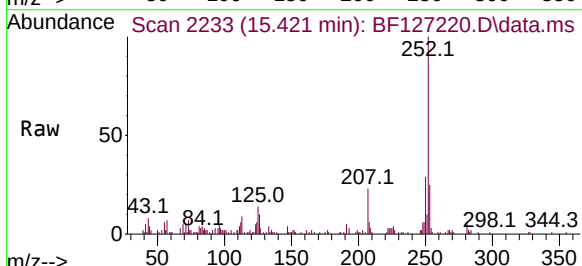
Tgt Ion:252 Resp: 21265

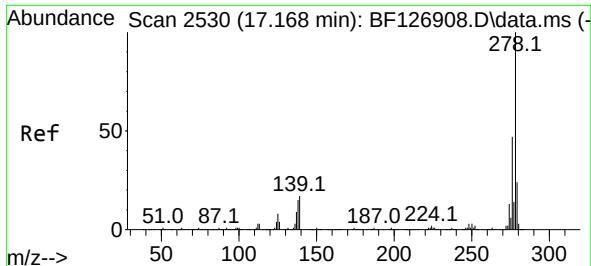
Ion Ratio Lower Upper

252 100

253 24.7 17.1 25.7

125 13.5 13.0 19.6

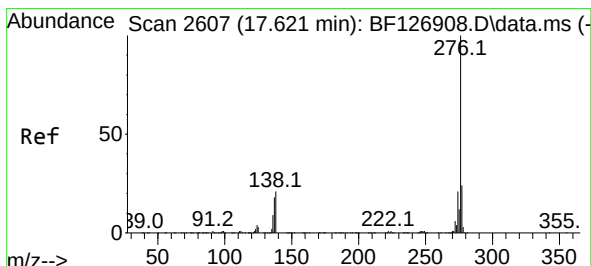
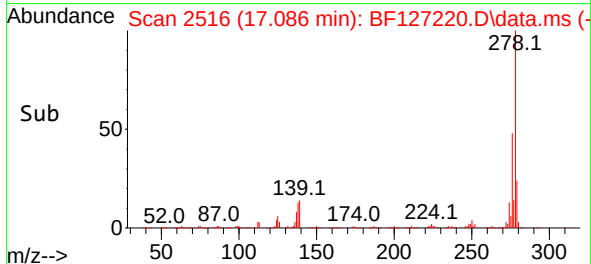
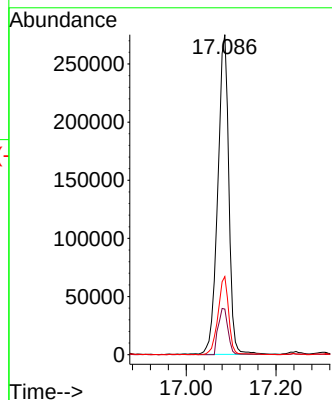
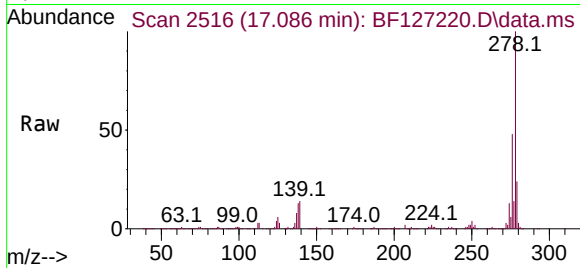




#91
Dibenzo(a,h)anthracene
Concen: 56.971 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

Tgt Ion:278 Resp: 468210
Ion Ratio Lower Upper
278 100
139 14.3 18.0 27.0#
279 24.4 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 54.690 ng
RT: 17.533 min Scan# 2592
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:276 Resp: 443109
Ion Ratio Lower Upper
276 100
277 24.4 18.5 27.7
138 18.2 25.9 38.9#

