

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128335.D
 Acq On : 19 May 2022 14:29
 Operator : CG\JU
 Sample : PB144922BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144922BS

Quant Time: May 19 16:51:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	103612	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	403553	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	230685	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	405564	20.000	ng	0.00
76) Chrysene-d12	14.051	240	213979	20.000	ng	0.00
86) Perylene-d12	15.539	264	171047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	804799	123.823	ng	0.01
7) Phenol-d6	6.510	99	1044321	121.479	ng	0.00
23) Nitrobenzene-d5	7.440	82	768744	85.716	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	306431	115.823	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1226574	83.196	ng	0.00
79) Terphenyl-d14	12.986	244	1349492	118.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	118567	41.008	ng	95
3) Pyridine	3.522	79	322497	42.044	ng	94
4) n-Nitrosodimethylamine	3.493	42	197030	51.528	ng	98
6) Aniline	6.534	93	372538	38.373	ng	97
8) 2-Chlorophenol	6.651	128	329485	49.771	ng	97
9) Benzaldehyde	6.422	77	257140	Below Cal		94
10) Phenol	6.522	94	411188	45.357	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	334626	49.287	ng	97
12) 1,3-Dichlorobenzene	6.804	146	350077	46.983	ng	# 95
13) 1,4-Dichlorobenzene	6.881	146	356936	47.408	ng	95
14) 1,2-Dichlorobenzene	7.034	146	333417	46.993	ng	98
15) Benzyl Alcohol	7.016	79	329604	48.517	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	488092	48.480	ng	95
17) 2-Methylphenol	7.128	107	271899	48.412	ng	# 92
18) Hexachloroethane	7.375	117	137843	48.460	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	253122	47.812	ng	95
20) 3+4-Methylphenols	7.281	107	314385	45.209	ng	# 79
22) Acetophenone	7.281	105	449996	44.781	ng	# 84
24) Nitrobenzene	7.457	77	399565	48.272	ng	98
25) Isophorone	7.692	82	731263	52.008	ng	99
26) 2-Nitrophenol	7.769	139	174458	47.999	ng	96
27) 2,4-Dimethylphenol	7.804	122	296986	53.012	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	414053	46.586	ng	99
29) 2,4-Dichlorophenol	8.010	162	261188	44.347	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	294673	43.654	ng	98
31) Naphthalene	8.175	128	934534	46.890	ng	99
32) Benzoic acid	7.951	122	150959	36.032	ng	93
33) 4-Chloroaniline	8.222	127	186940	23.628	ng	97
34) Hexachlorobutadiene	8.281	225	202251	44.621	ng	99
35) Caprolactam	8.610	113	49128	25.553	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	311707	47.366	ng	97
37) 2-Methylnaphthalene	8.863	142	614446	45.728	ng	98
38) 1-Methylnaphthalene	8.963	142	563132	43.635	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	304345	44.726	ng	98
41) Hexachlorocyclopentadiene	9.010	237	288983	92.093	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	194802	44.435	ng	99

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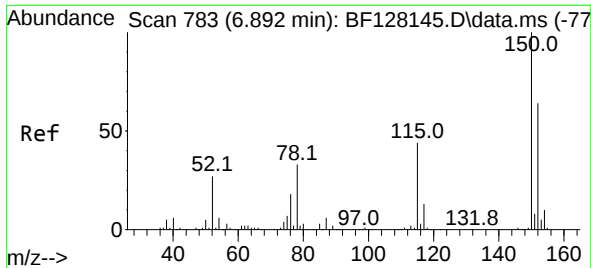
Quant Time: May 19 16:51:35 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	205907	44.049	ng	97
46) 1,1'-Biphenyl	9.328	154	774481	46.117	ng	99
47) 2-Chloronaphthalene	9.357	162	566394	45.504	ng	97
48) 2-Nitroaniline	9.457	65	216145	48.434	ng	94
49) Acenaphthylene	9.775	152	901591	47.889	ng	100
50) Dimethylphthalate	9.634	163	705222	47.373	ng	100
51) 2,6-Dinitrotoluene	9.704	165	157591	48.259	ng	98
52) Acenaphthene	9.945	154	547945	41.977	ng	100
53) 3-Nitroaniline	9.875	138	97405	27.514	ng	96
54) 2,4-Dinitrophenol	9.992	184	143990	79.704	ng	91
55) Dibenzofuran	10.122	168	792710	42.771	ng	100
56) 4-Nitrophenol	10.051	139	179868	72.711	ng	89
57) 2,4-Dinitrotoluene	10.110	165	197543	45.240	ng	# 64
58) Fluorene	10.463	166	647855	44.877	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	171533	42.939	ng	98
60) Diethylphthalate	10.333	149	682951	45.983	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	315199	43.781	ng	98
62) 4-Nitroaniline	10.498	138	157616	43.917	ng	95
63) Azobenzene	10.610	77	752434	46.264	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109835	43.272	ng	85
66) n-Nitrosodiphenylamine	10.575	169	576850	48.804	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	204144	46.786	ng	97
68) Hexachlorobenzene	11.010	284	226427	47.440	ng	96
69) Atrazine	11.104	200	202939	50.898	ng	96
70) Pentachlorophenol	11.210	266	197534	85.275	ng	97
71) Phenanthrene	11.428	178	939922	46.543	ng	99
72) Anthracene	11.480	178	956430	47.436	ng	99
73) Carbazole	11.639	167	841949	43.913	ng	99
74) Di-n-butylphthalate	11.957	149	1031758	46.744	ng	99
75) Fluoranthene	12.622	202	957974	43.755	ng	98
77) Benzidine	12.739	184	403609	87.089	ng	99
78) Pyrene	12.851	202	967577	62.363	ng	99
80) Butylbenzylphthalate	13.457	149	367951	57.044	ng	98
81) Benzo(a)anthracene	14.039	228	678762	49.662	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	118428	38.617	ng	97
83) Chrysene	14.080	228	621107	47.628	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	470957	54.038	ng	98
85) Di-n-octyl phthalate	14.627	149	684301	49.154	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	655639	63.366	ng	97
88) Benzo(b)fluoranthene	15.104	252	539707	50.901	ng	99
89) Benzo(k)fluoranthene	15.133	252	500230	47.793	ng	99
90) Benzo(a)pyrene	15.480	252	496050	57.949	ng	# 96
91) Dibenzo(a,h)anthracene	17.074	278	559257	66.763	ng	# 97
92) Benzo(g,h,i)perylene	17.521	276	584536	68.918	ng	98

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

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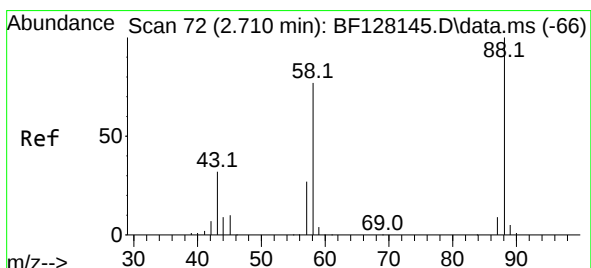
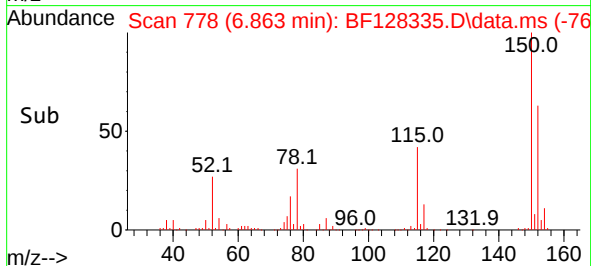
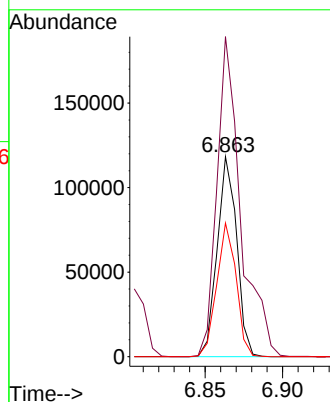
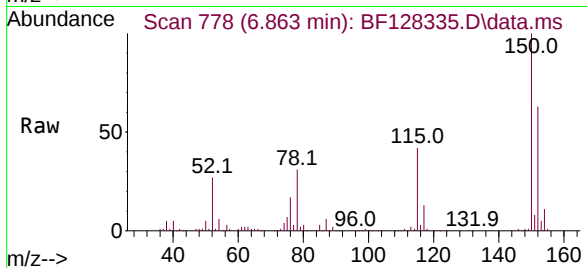




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

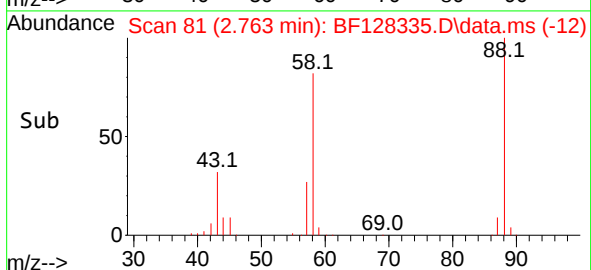
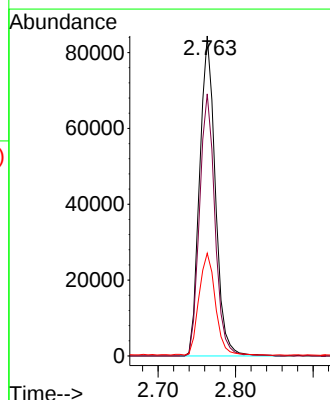
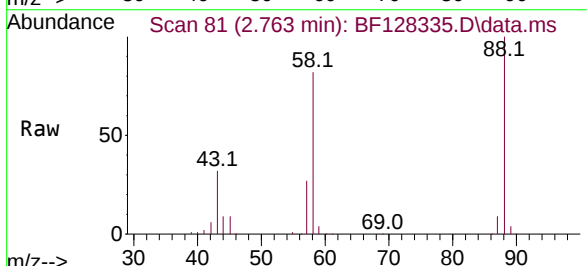
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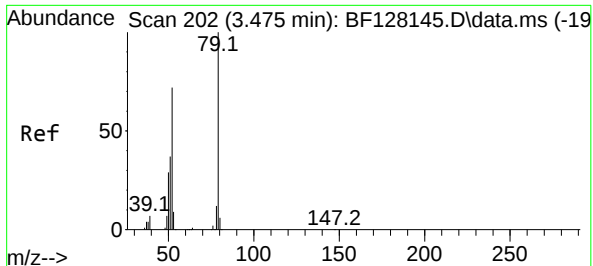
Tgt Ion:152 Resp: 103612
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.3 187.9
 115 66.8 48.8 73.2



#2
 1,4-Dioxane
 Concen: 41.008 ng
 RT: 2.763 min Scan# 81
 Delta R.T. 0.106 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

Tgt Ion: 88 Resp: 118567
 Ion Ratio Lower Upper
 88 100
 58 80.5 61.0 91.4
 43 33.5 24.9 37.3

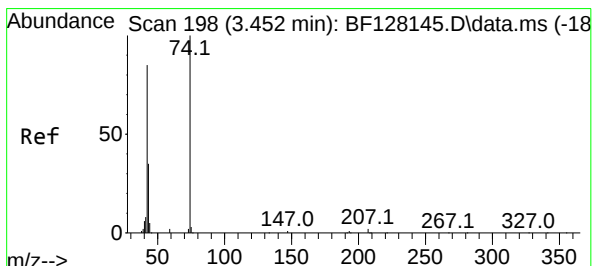
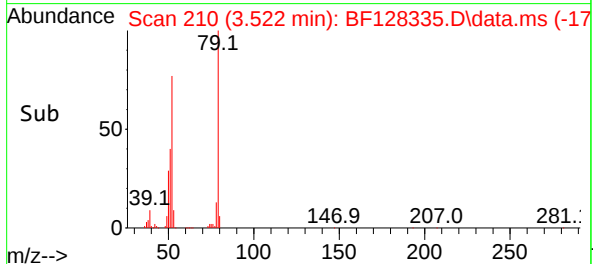
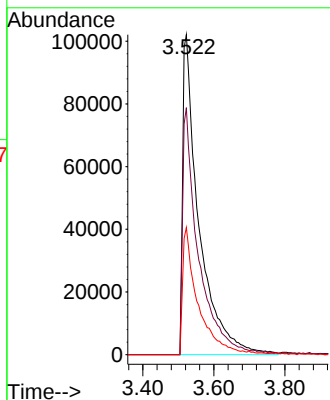
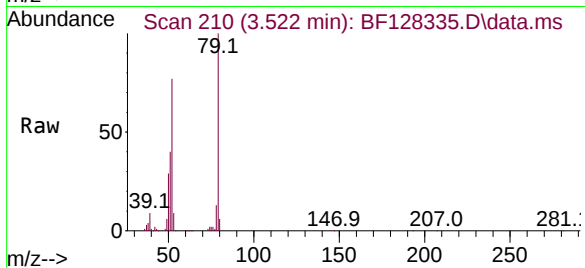




#3
 Pyridine
 Concen: 42.044 ng
 RT: 3.522 min Scan# 21
 Delta R.T. 0.094 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

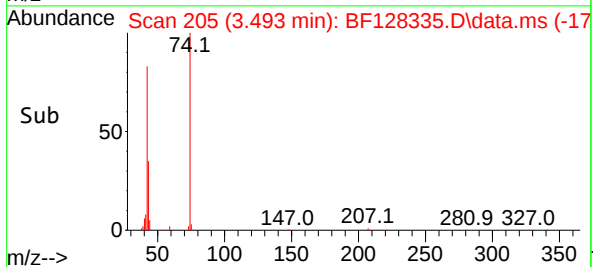
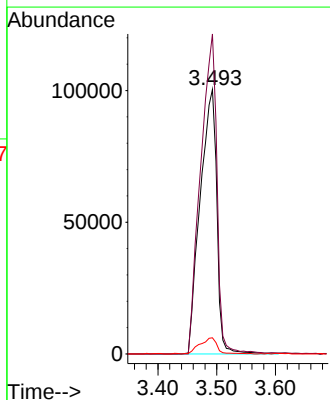
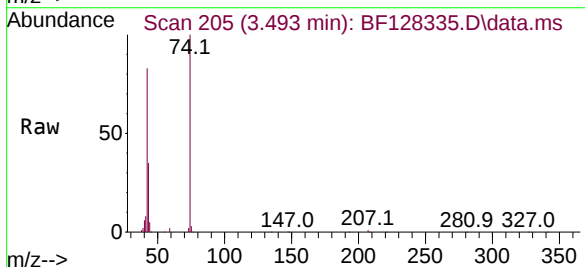
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 ClientSampleId :
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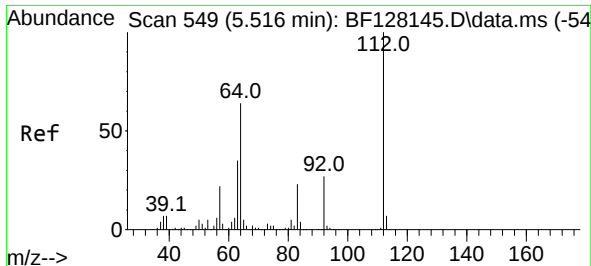
Tgt Ion: 79 Resp: 322497
 Ion Ratio Lower Upper
 79 100
 52 77.2 58.3 87.5
 51 39.7 28.6 42.8



#4
 n-Nitrosodimethylamine
 Concen: 51.528 ng
 RT: 3.493 min Scan# 205
 Delta R.T. 0.088 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

Tgt Ion: 42 Resp: 197030
 Ion Ratio Lower Upper
 42 100
 74 121.0 99.0 148.4
 44 6.1 5.2 7.8

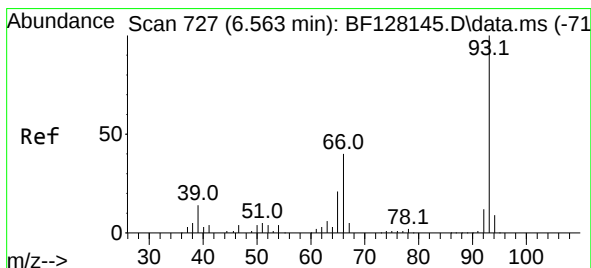
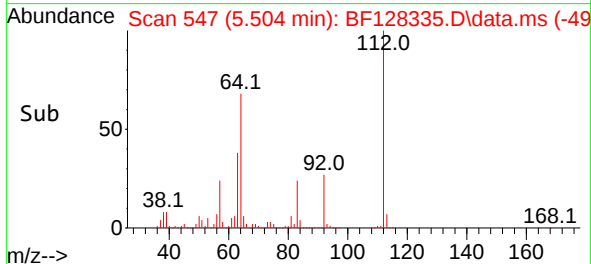
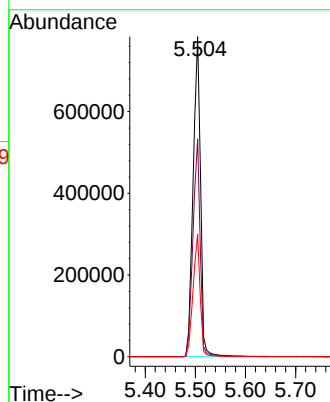
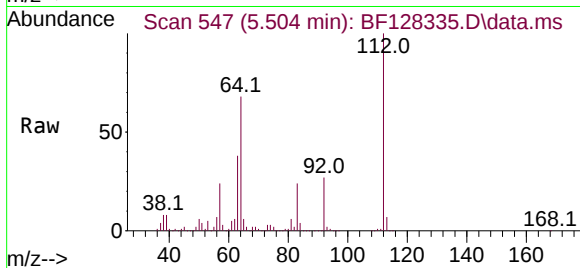




#5
2-Fluorophenol
Concen: 123.823 ng
RT: 5.504 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

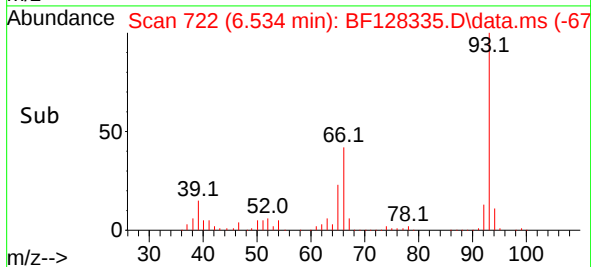
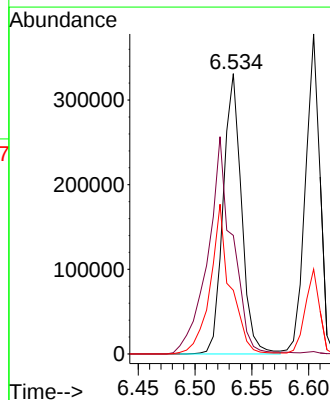
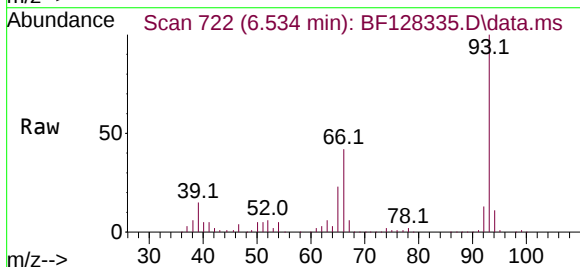
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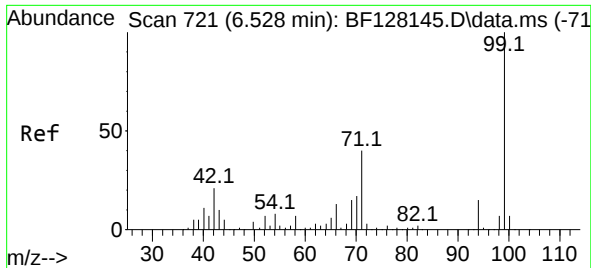
Tgt Ion:112 Resp: 804799
Ion Ratio Lower Upper
112 100
64 68.0 49.5 74.3
63 38.3 26.3 39.5



#6
Aniline
Concen: 38.373 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion: 93 Resp: 372538
Ion Ratio Lower Upper
93 100
66 42.3 32.2 48.4
65 22.7 16.7 25.1

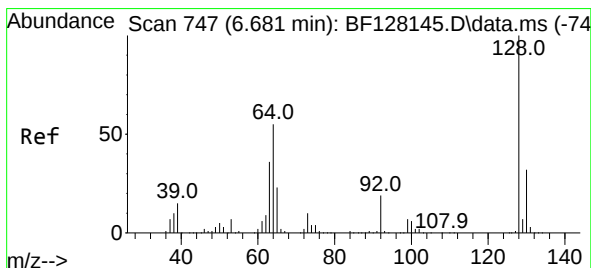
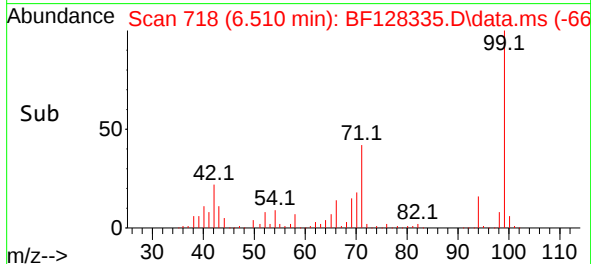
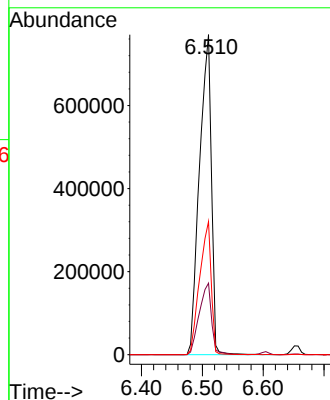
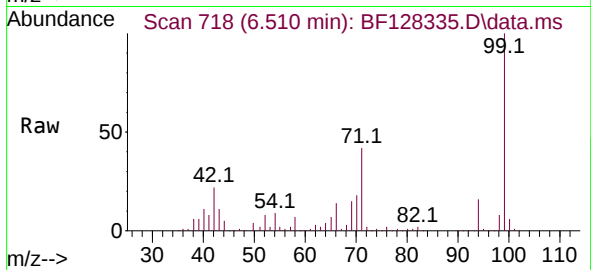




#7
Phenol-d6
Concen: 121.479 ng
RT: 6.510 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

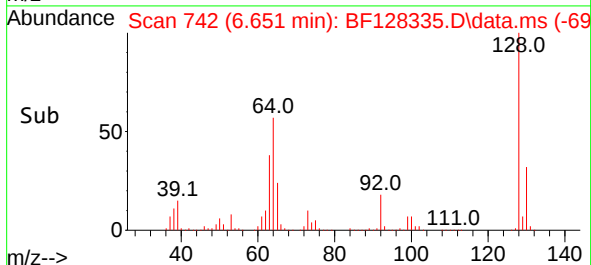
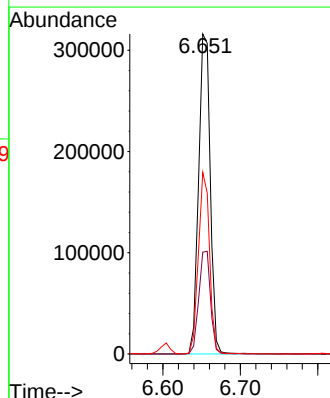
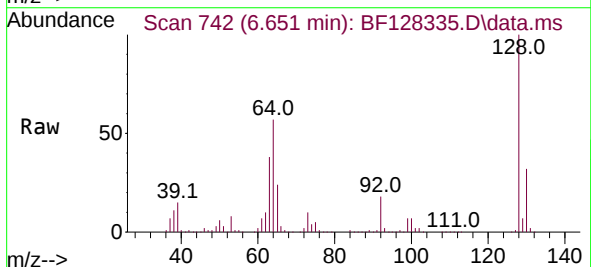
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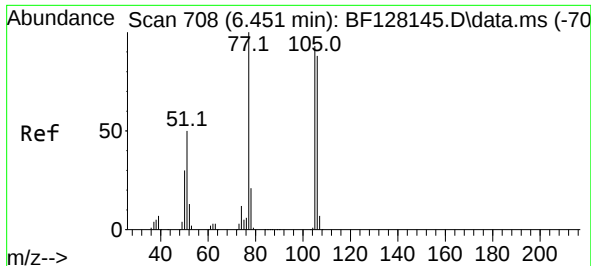
Tgt Ion: 99 Resp: 1044321
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 41.6 30.0 45.0



#8
2-Chlorophenol
Concen: 49.771 ng
RT: 6.651 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:128 Resp: 329485
Ion Ratio Lower Upper
128 100
130 31.8 11.6 51.6
64 56.8 33.8 73.8

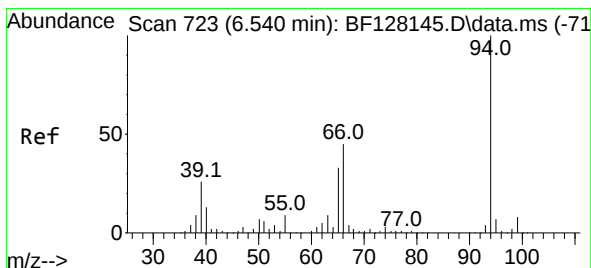
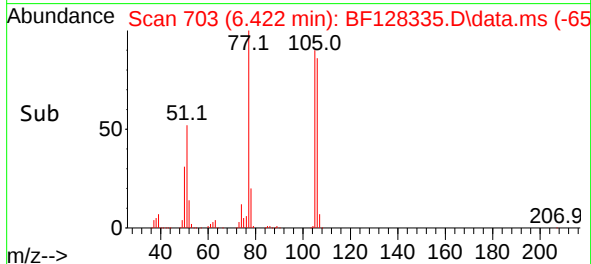
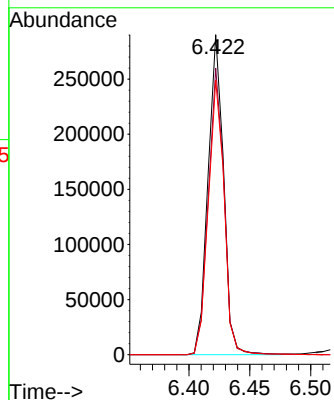
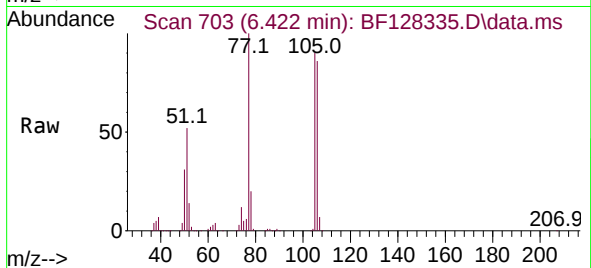




#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

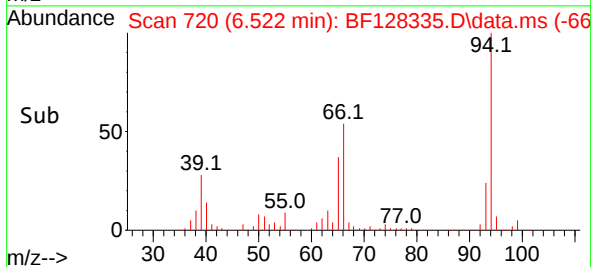
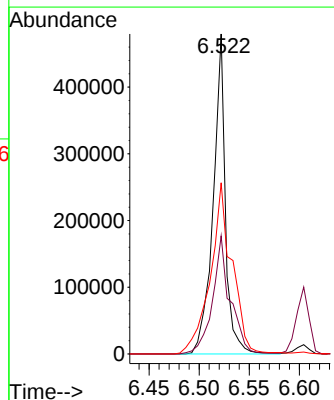
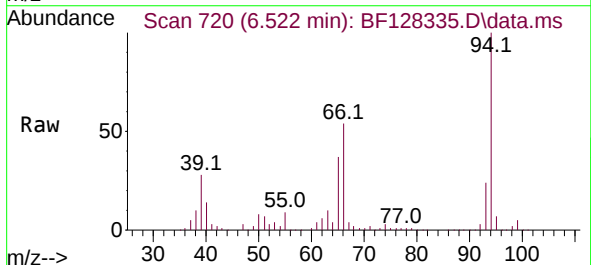
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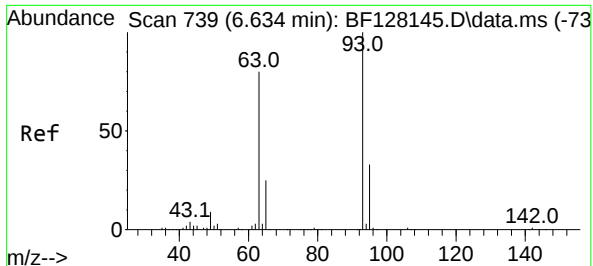
Tgt Ion: 77 Resp: 257140
Ion Ratio Lower Upper
77 100
105 89.6 74.9 114.9
106 85.8 72.2 112.2



#10
Phenol
Concen: 45.357 ng
RT: 6.522 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion: 94 Resp: 411188
Ion Ratio Lower Upper
94 100
65 36.9 10.6 50.6
66 53.5 22.6 62.6

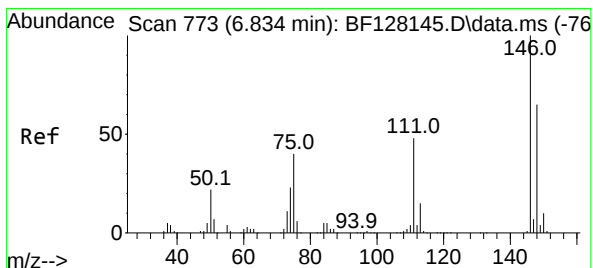
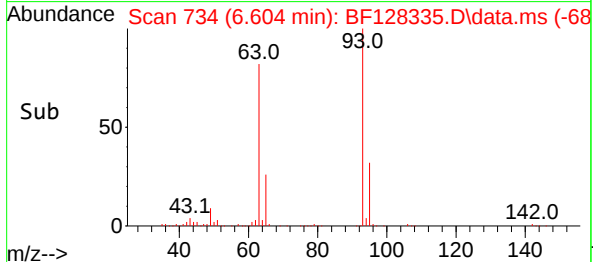
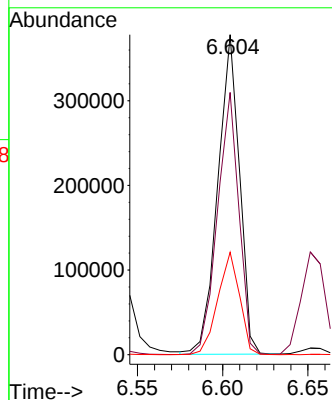
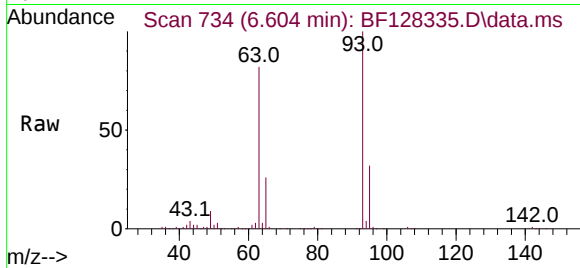




#11
bis(2-Chloroethyl)ether
Concen: 49.287 ng
RT: 6.604 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

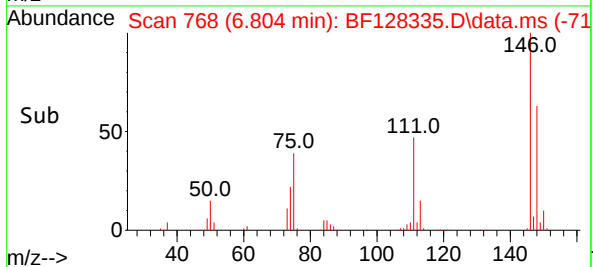
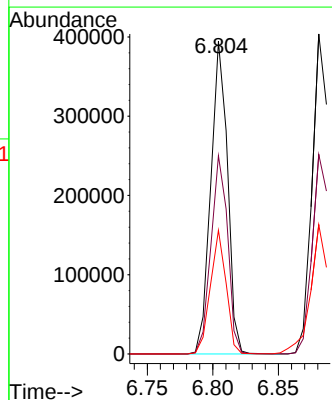
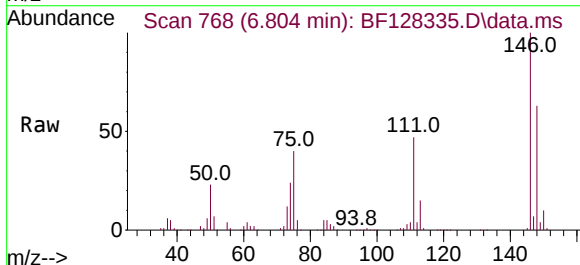
Instrument :
BNA_F
ClientSampleId :
PB144922BS

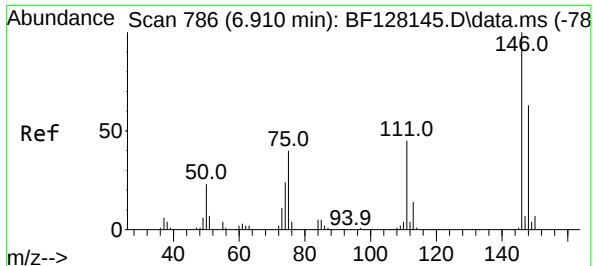
Tgt Ion: 93 Resp: 334626
Ion Ratio Lower Upper
93 100
63 81.9 58.6 98.6
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.983 ng
RT: 6.804 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:146 Resp: 350077
Ion Ratio Lower Upper
146 100
148 63.4 52.1 78.1
75 39.6 26.2 39.4#





#13

1,4-Dichlorobenzene

Concen: 47.408 ng

RT: 6.881 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB144922BS

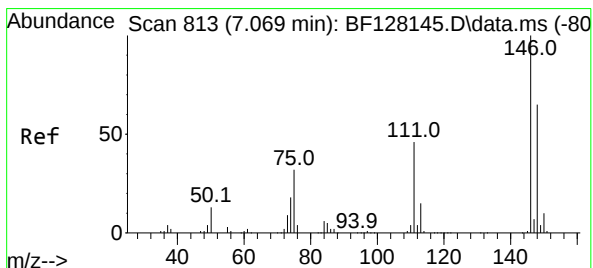
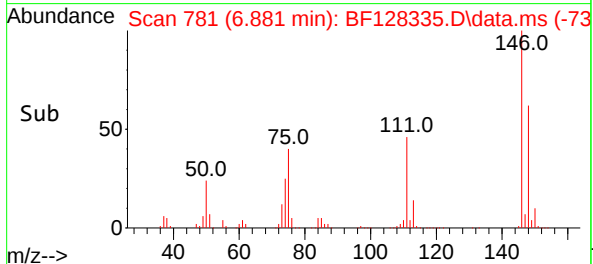
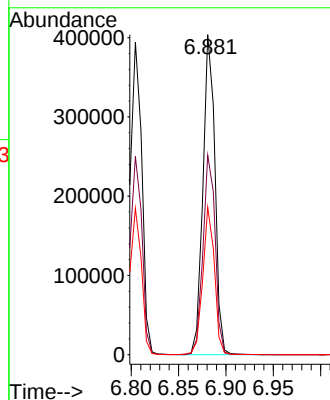
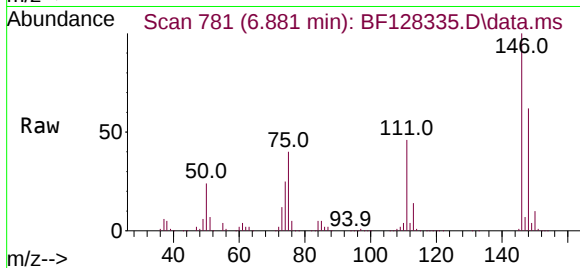
Tgt Ion:146 Resp: 356936

Ion Ratio Lower Upper

146 100

148 62.4 52.3 78.5

111 46.1 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 46.993 ng

RT: 7.034 min Scan# 807

Delta R.T. -0.012 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

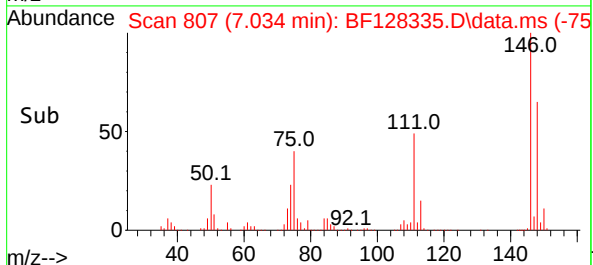
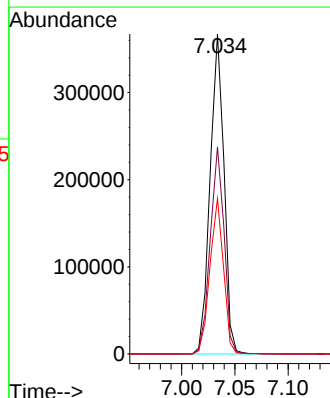
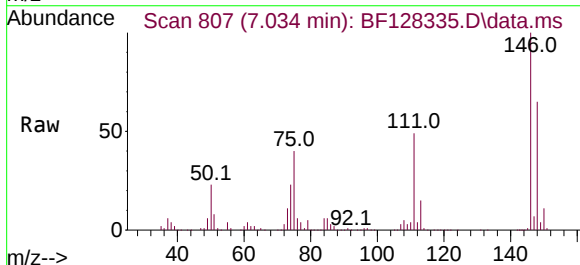
Tgt Ion:146 Resp: 333417

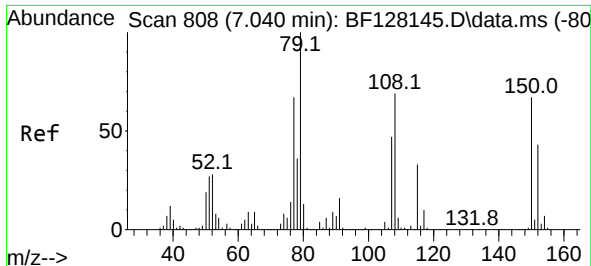
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

111 48.5 36.6 55.0

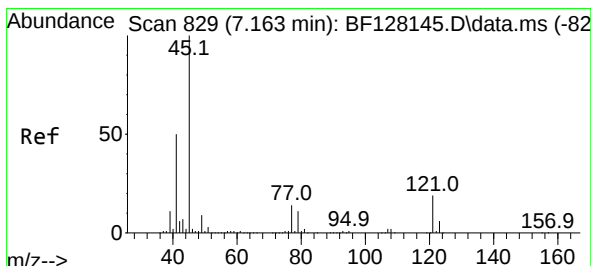
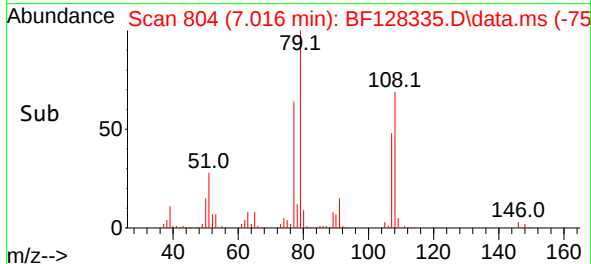
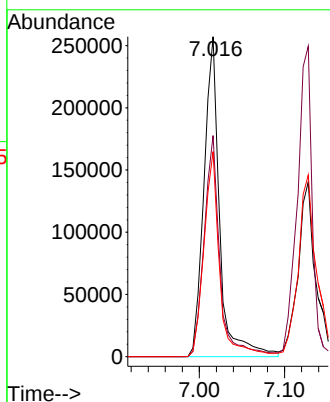
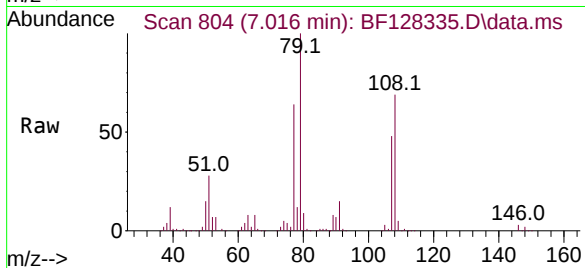




#15
Benzyl Alcohol
Concen: 48.517 ng
RT: 7.016 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

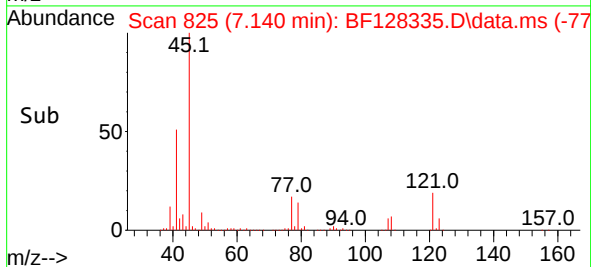
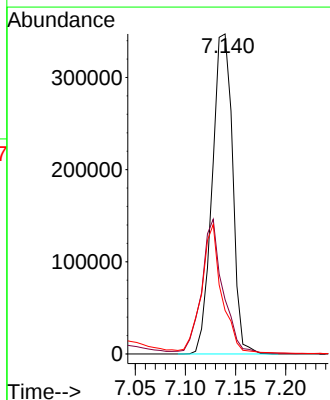
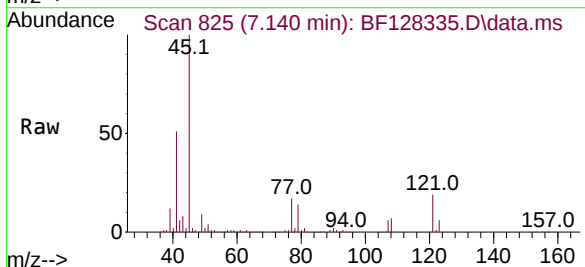
Instrument :
BNA_F
ClientSampleId :
PB144922BS

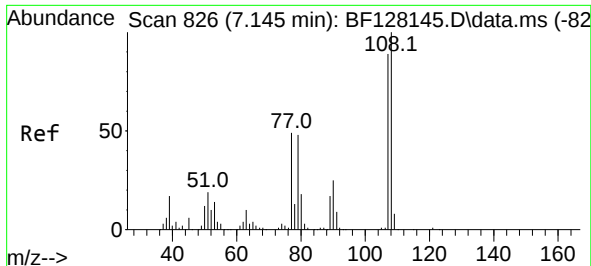
Tgt Ion: 79 Resp: 329604
Ion Ratio Lower Upper
79 100
108 69.1 57.0 85.6
77 64.1 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.480 ng
RT: 7.140 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion: 45 Resp: 488092
Ion Ratio Lower Upper
45 100
77 17.0 0.0 34.9
79 13.6 0.0 31.6

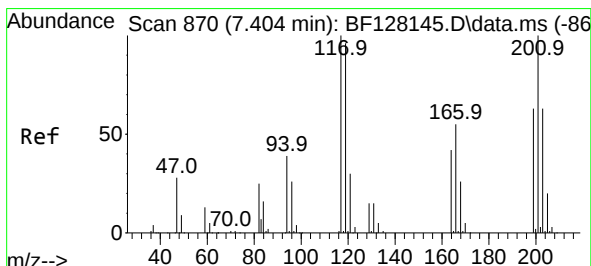
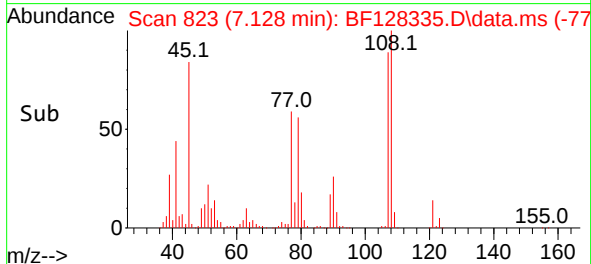
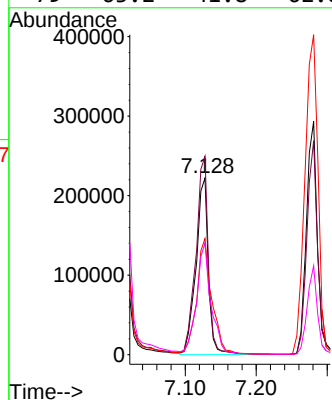
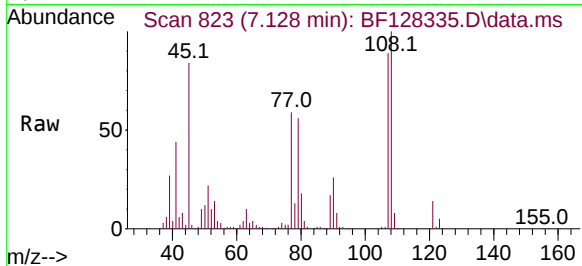




#17
2-Methylphenol
Concen: 48.412 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

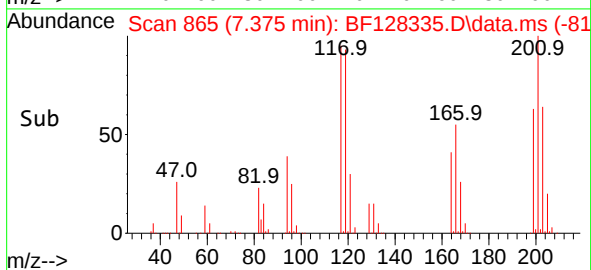
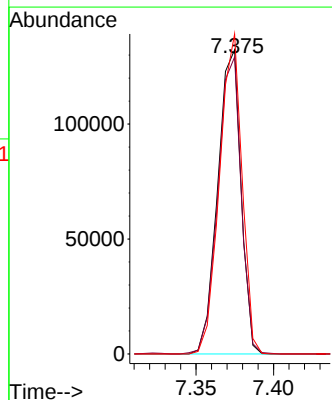
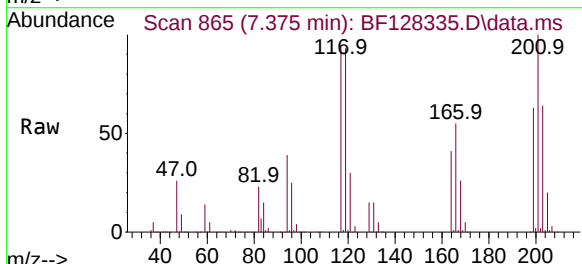
Instrument :
BNA_F
ClientSampleId :
PB144922BS

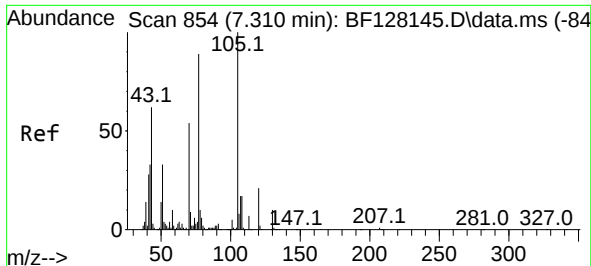
Tgt Ion:107 Resp: 271899
Ion Ratio Lower Upper
107 100
108 112.3 90.2 135.2
77 65.8 41.9 62.9#
79 63.2 41.8 62.8#



#18
Hexachloroethane
Concen: 48.460 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:117 Resp: 137843
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4
201 105.2 84.4 126.6

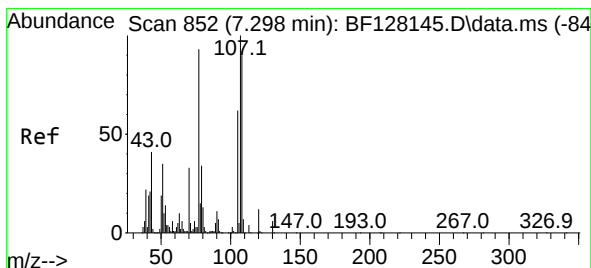
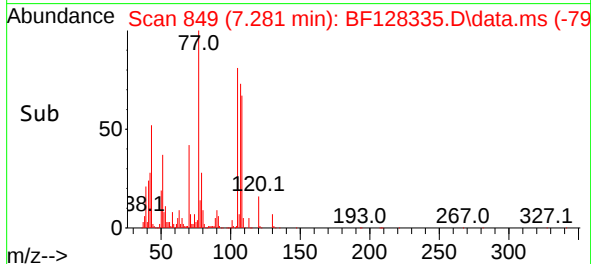
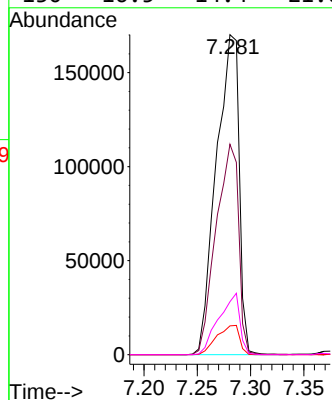
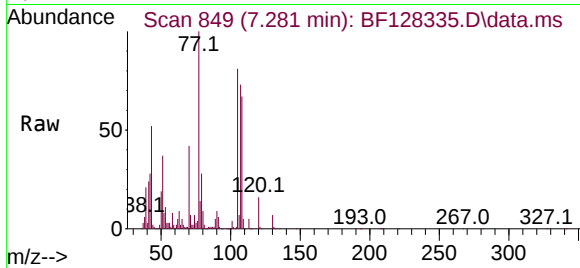




#19
n-Nitroso-di-n-propylamine
Concen: 47.812 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

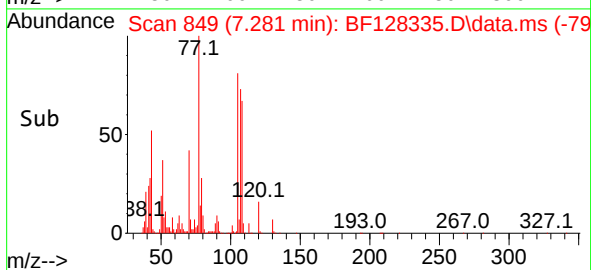
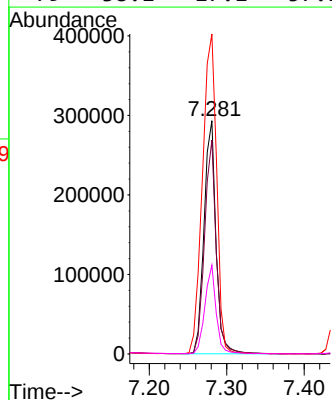
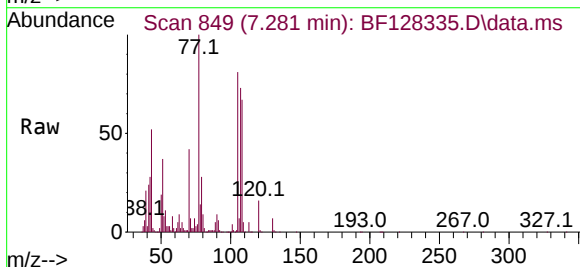
Instrument :
BNA_F
ClientSampleId :
PB144922BS

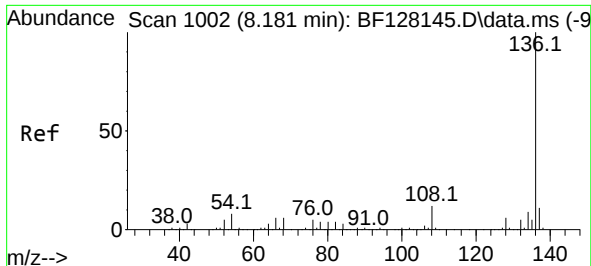
Tgt Ion: 70 Resp: 253122
Ion Ratio Lower Upper
70 100
42 65.8 48.7 73.1
101 9.0 7.2 10.8
130 16.5 14.4 21.6



#20
3+4-Methylphenols
Concen: 45.209 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

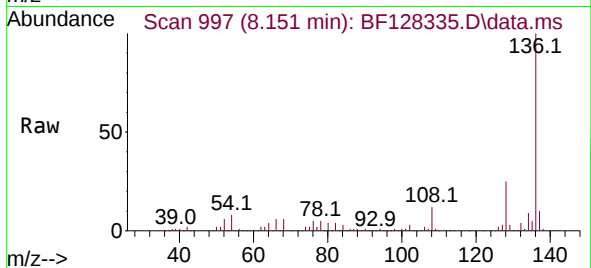
Tgt Ion: 107 Resp: 314385
Ion Ratio Lower Upper
107 100
108 91.7 73.4 113.4
77 137.2 71.1 111.1#
79 38.1 17.1 57.1



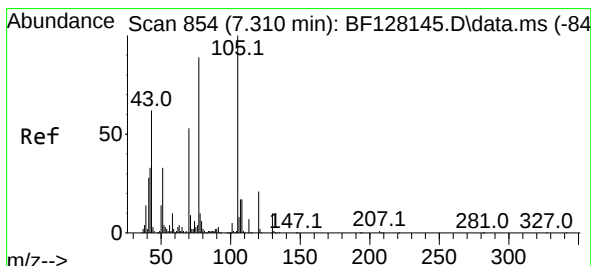
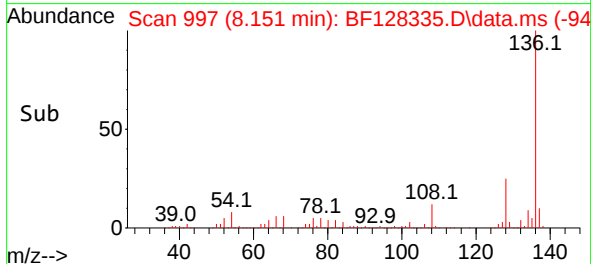
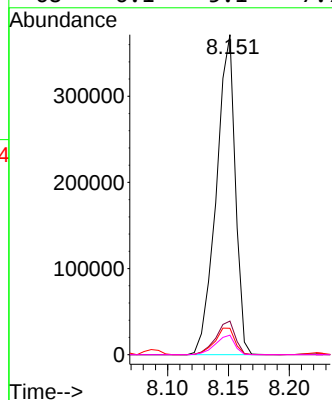


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB144922BS

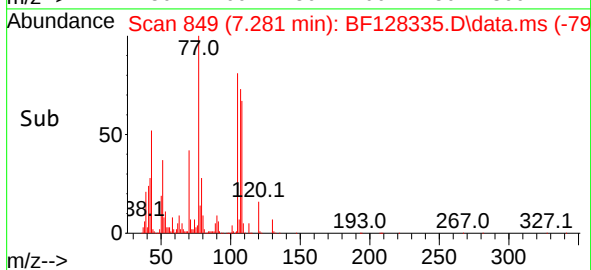
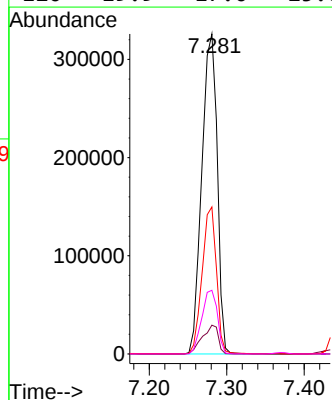
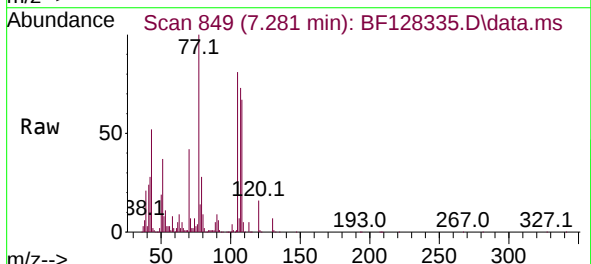


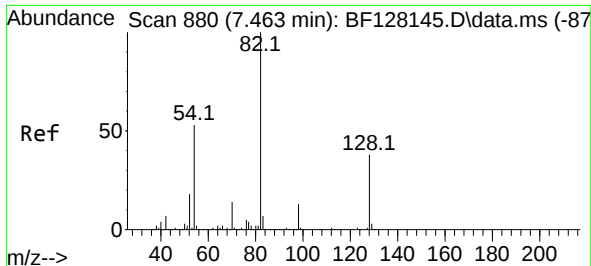
Tgt Ion:136 Resp: 403553
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 6.8 10.2
68 6.1 5.1 7.7



#22
Acetophenone
Concen: 44.781 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:105 Resp: 449996
Ion Ratio Lower Upper
105 100
71 9.0 7.3 10.9
51 46.0 23.7 35.5#
120 19.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 85.716 ng

RT: 7.440 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB144922BS

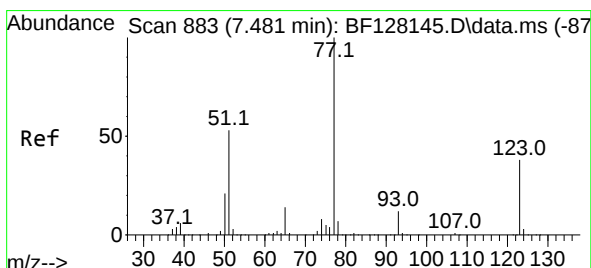
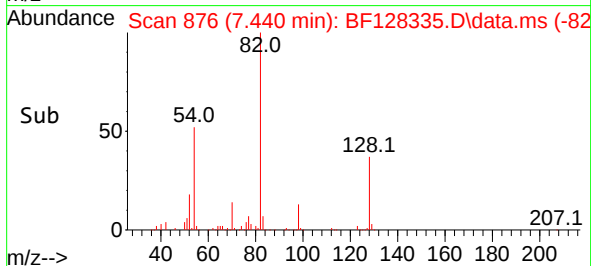
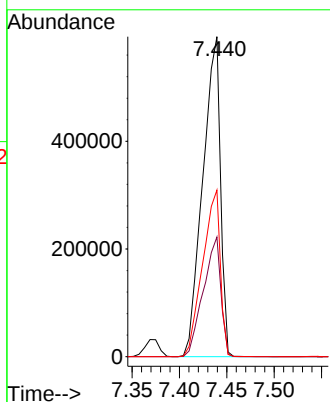
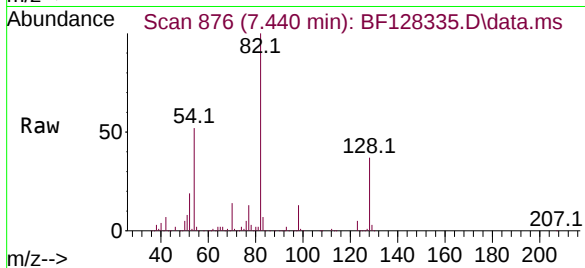
Tgt Ion: 82 Resp: 768744

Ion Ratio Lower Upper

82 100

128 37.4 30.0 45.0

54 52.0 41.3 61.9



#24

Nitrobenzene

Concen: 48.272 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

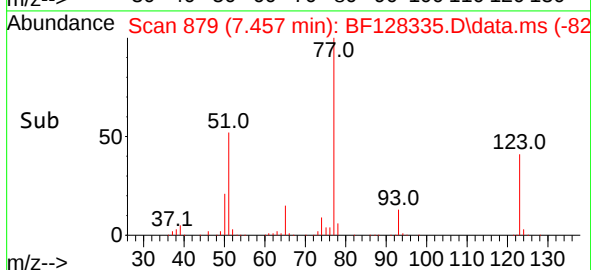
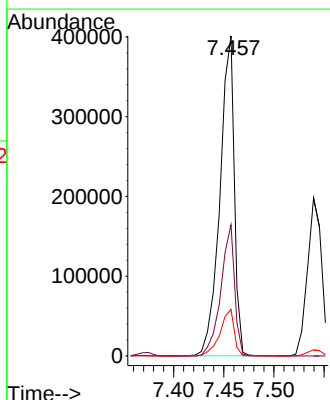
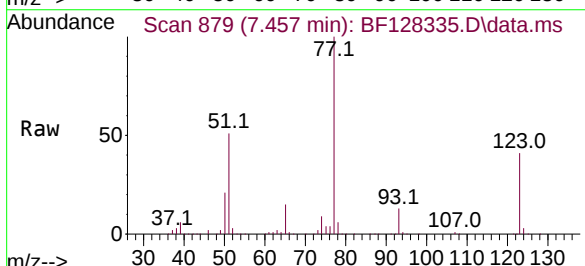
Tgt Ion: 77 Resp: 399565

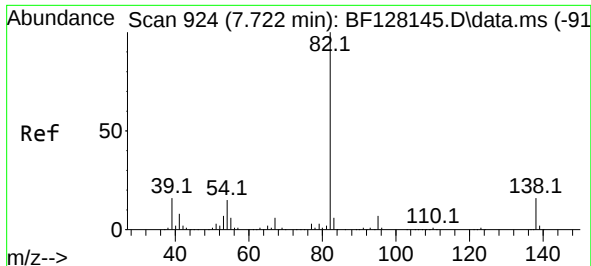
Ion Ratio Lower Upper

77 100

123 41.0 32.0 48.0

65 14.6 11.0 16.6

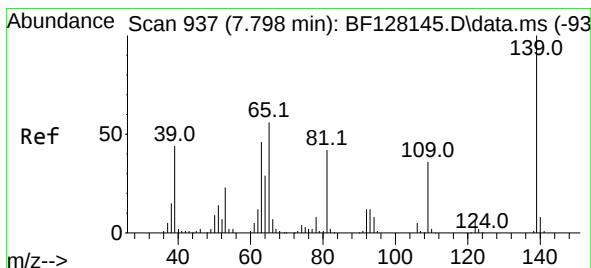
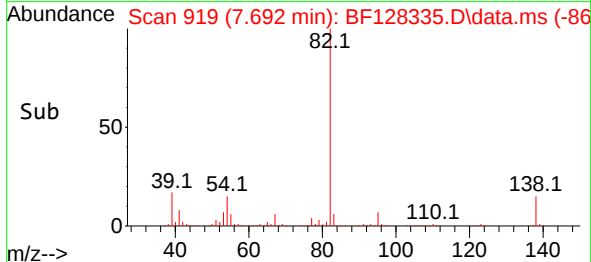
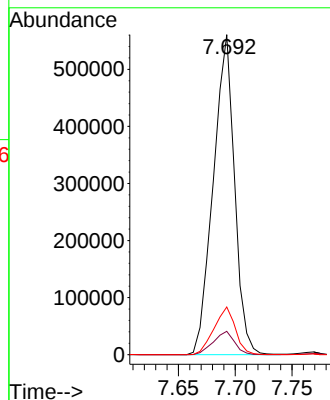
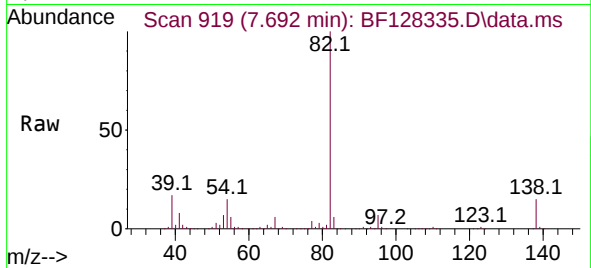




#25
Isophorone
Concen: 52.008 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

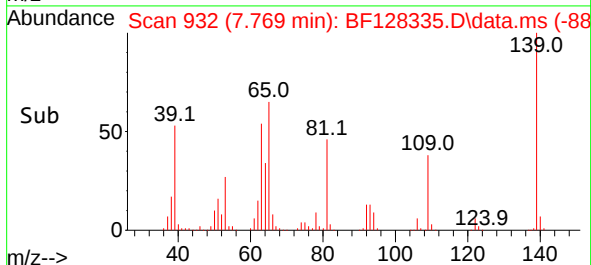
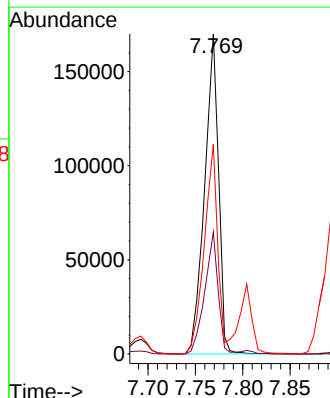
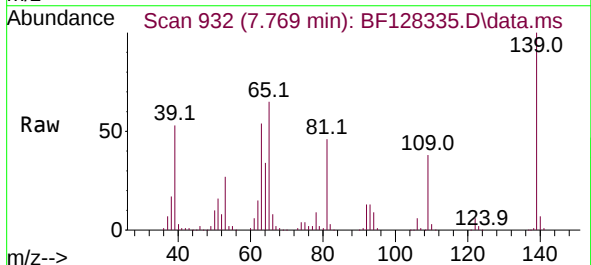
Instrument :
BNA_F
ClientSampleId :
PB144922BS

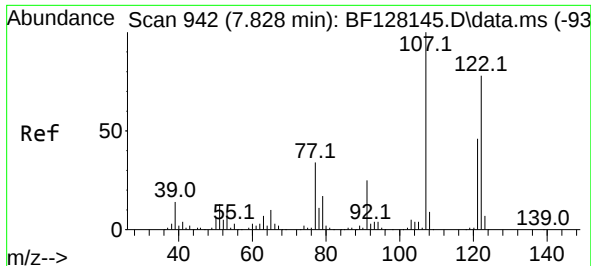
Tgt Ion: 82 Resp: 731263
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 14.9 12.5 18.7



#26
2-Nitrophenol
Concen: 47.999 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion: 139 Resp: 174458
Ion Ratio Lower Upper
139 100
109 38.1 27.4 41.2
65 65.5 50.8 76.2

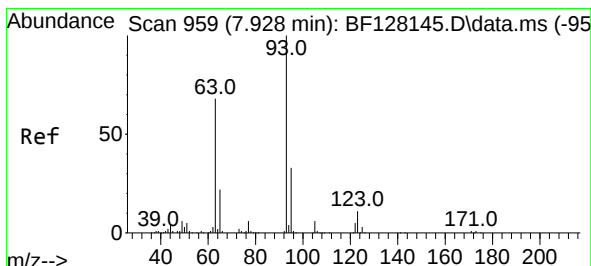
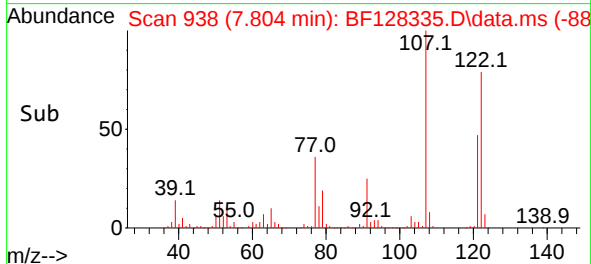
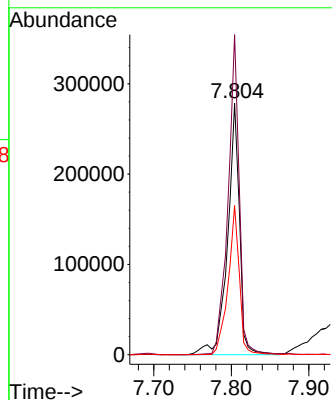
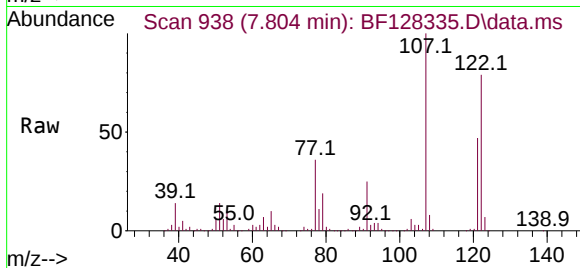




#27
2,4-Dimethylphenol
Concen: 53.012 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

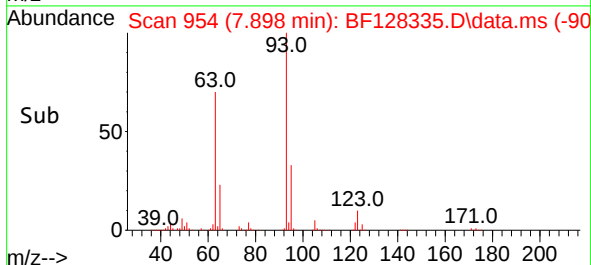
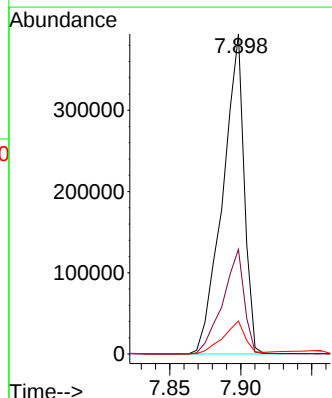
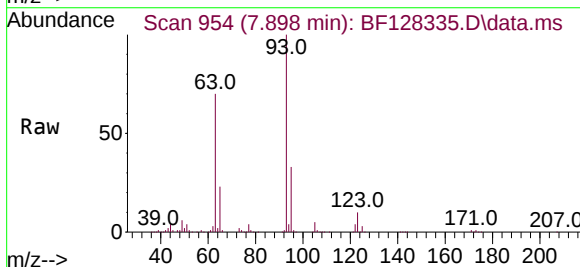
Instrument :
BNA_F
ClientSampleId :
PB144922BS

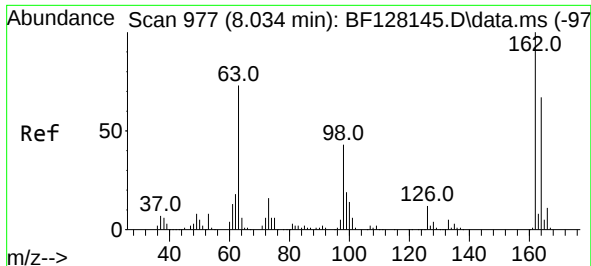
Tgt Ion:122 Resp: 296986
Ion Ratio Lower Upper
122 100
107 127.3 97.5 146.3
121 59.3 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.586 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion: 93 Resp: 414053
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 10.3 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 44.347 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB144922BS

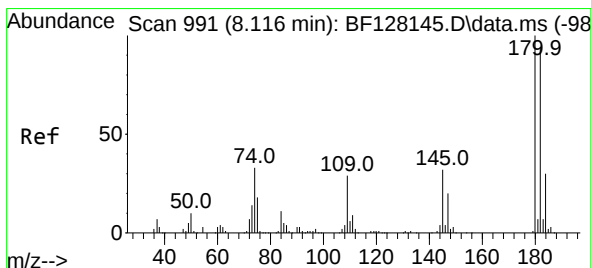
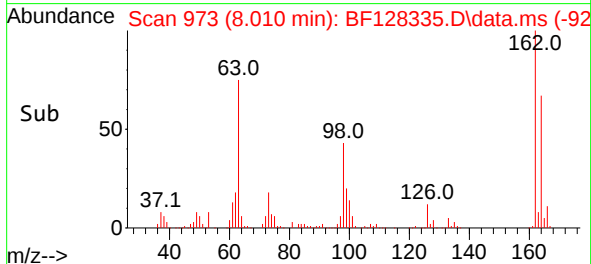
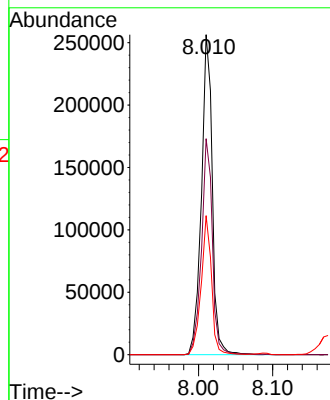
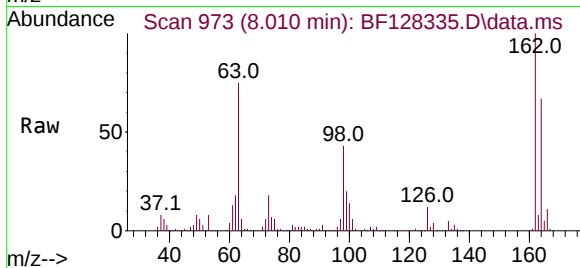
Tgt Ion:162 Resp: 261188

Ion Ratio Lower Upper

162 100

164 67.5 47.1 87.1

98 43.4 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 43.654 ng

RT: 8.087 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

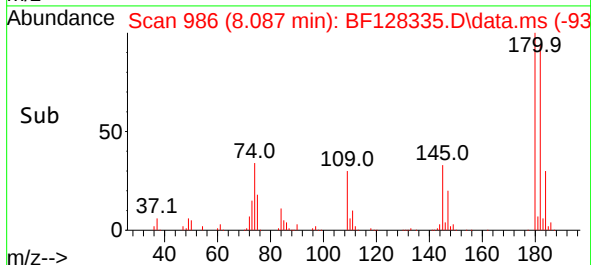
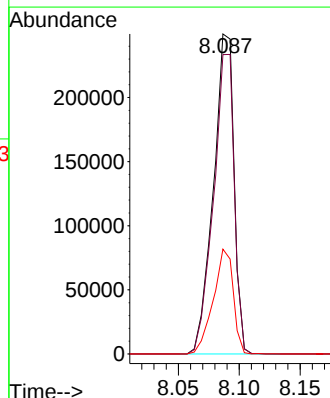
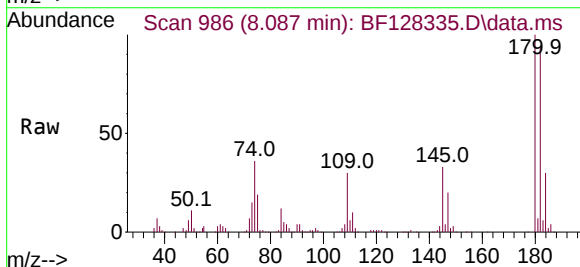
Tgt Ion:180 Resp: 294673

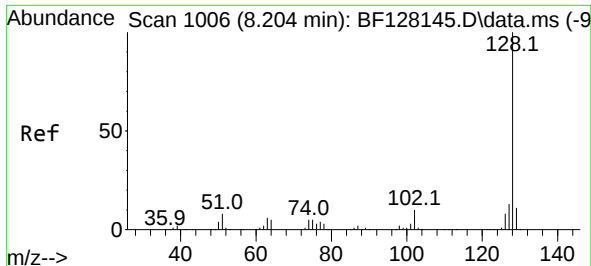
Ion Ratio Lower Upper

180 100

182 93.5 76.4 114.6

145 32.7 25.1 37.7

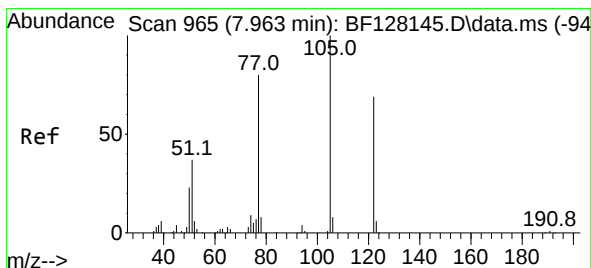
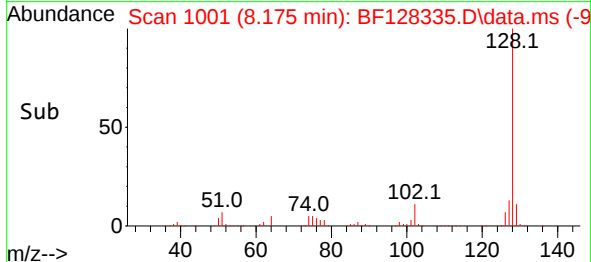
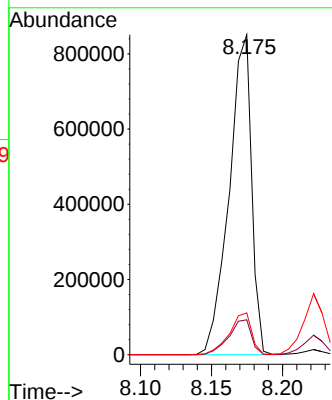
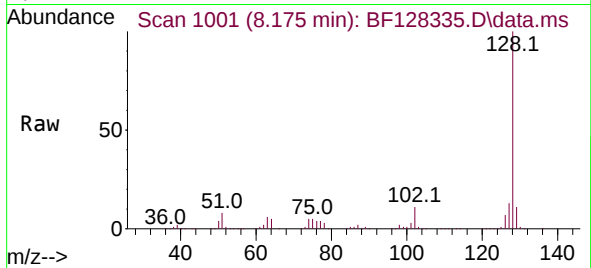




#31
Naphthalene
Concen: 46.890 ng
RT: 8.175 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

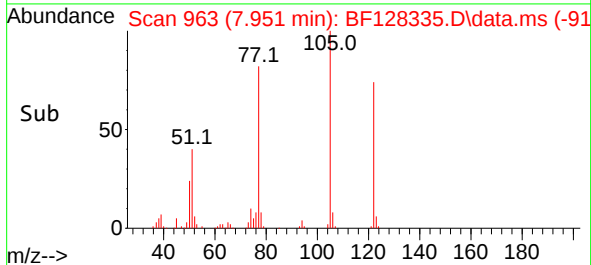
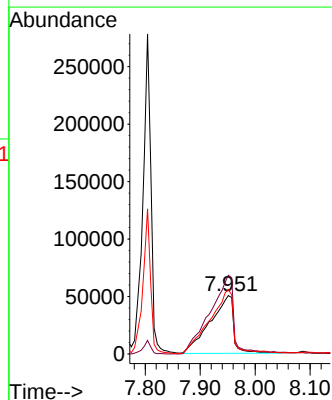
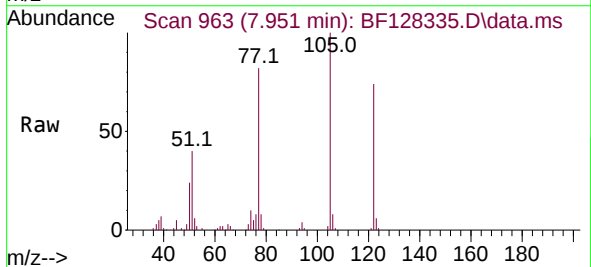
Instrument :
BNA_F
ClientSampleId :
PB144922BS

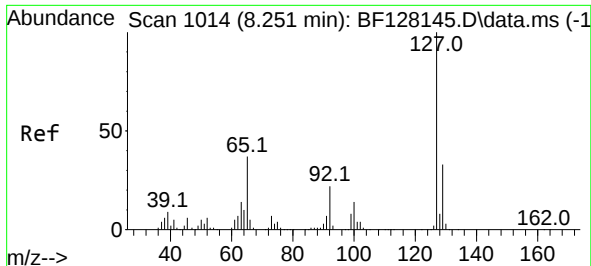
Tgt Ion:128 Resp: 934534
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 36.032 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:122 Resp: 150959
Ion Ratio Lower Upper
122 100
105 134.8 107.9 147.9
77 110.6 82.5 122.5

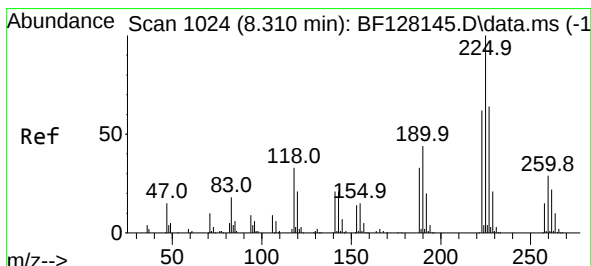
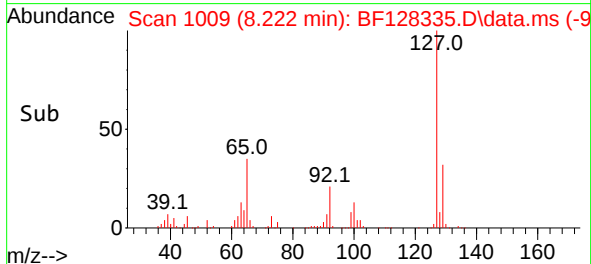
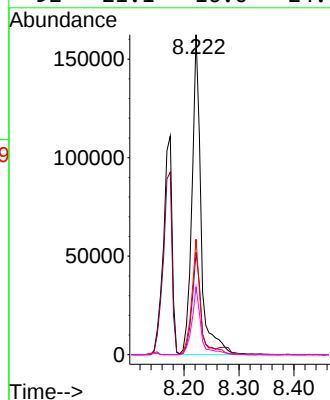
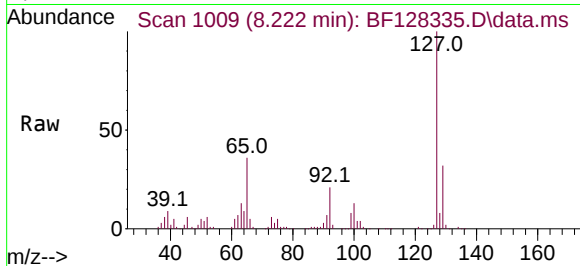




#33
4-Chloroaniline
Concen: 23.628 ng
RT: 8.222 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

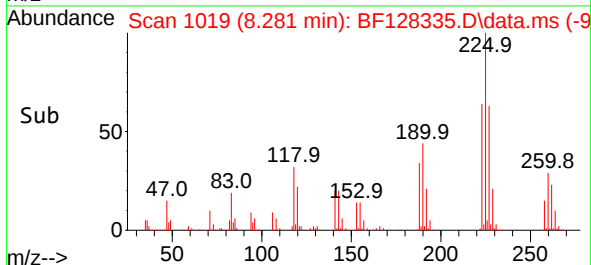
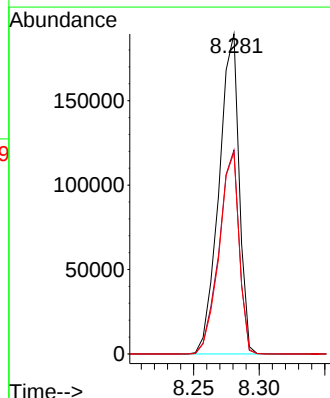
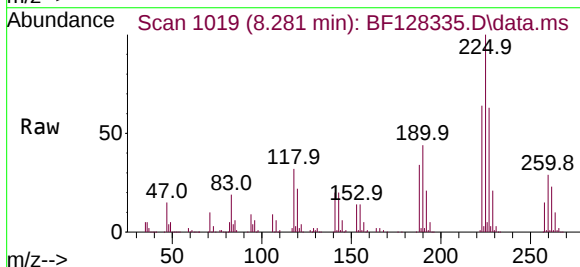
Instrument :
BNA_F
ClientSampleId :
PB144922BS

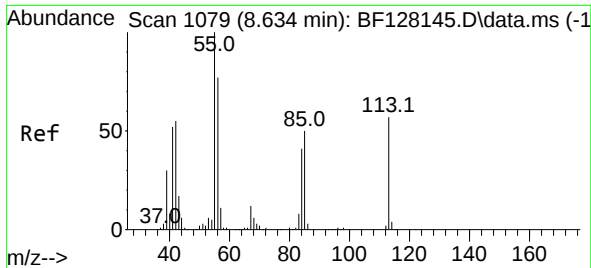
Tgt Ion:	127	Resp:	186940
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	36.1	26.7	40.1
92	21.1	16.0	24.0



#34
Hexachlorobutadiene
Concen: 44.621 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:	225	Resp:	202251
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.0	78.0
227	63.0	50.7	76.1

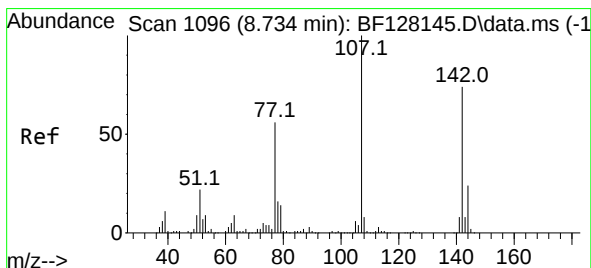
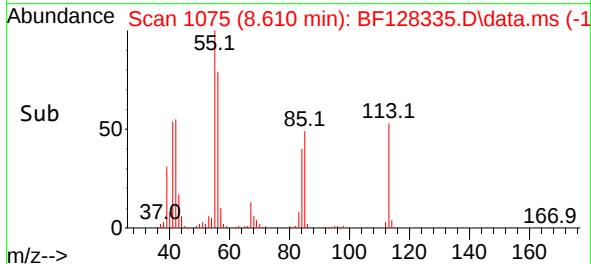
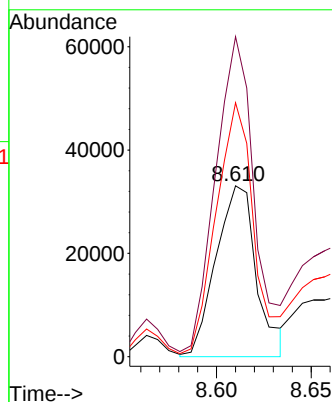
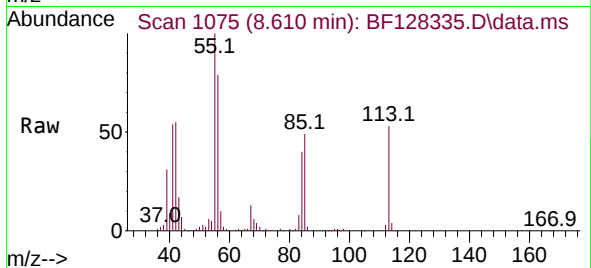




#35
 Caprolactam
 Concen: 25.553 ng
 RT: 8.610 min Scan# 1075
 Delta R.T. -0.012 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

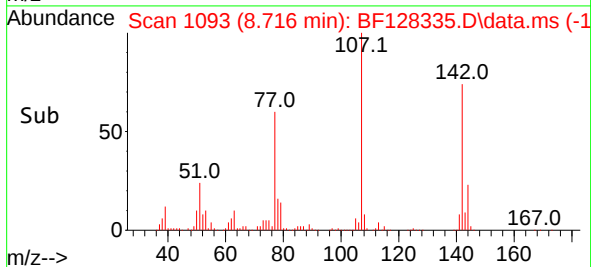
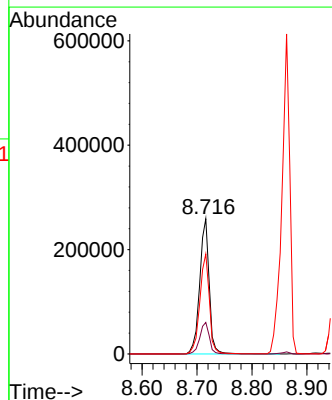
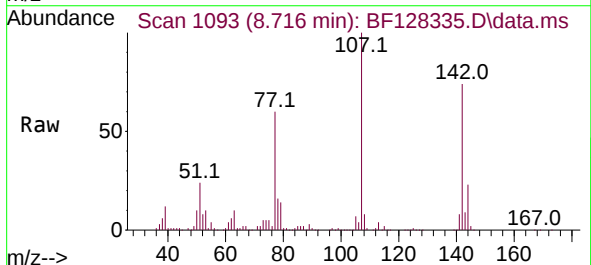
Instrument :
 BNA_F
 ClientSampleId :
 PB144922BS

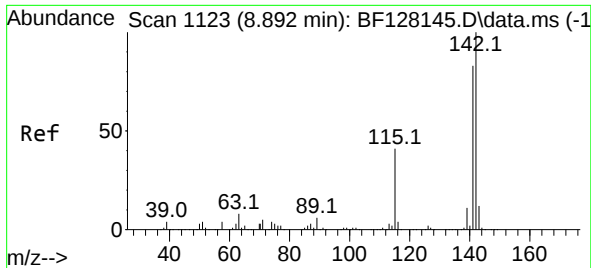
Tgt Ion:113 Resp: 49128
 Ion Ratio Lower Upper
 113 100
 55 187.2 157.4 197.4
 56 148.5 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.366 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

Tgt Ion:107 Resp: 311707
 Ion Ratio Lower Upper
 107 100
 144 23.4 20.2 30.4
 142 74.0 61.5 92.3





#37

2-Methylnaphthalene

Concen: 45.728 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Instrument :

BNA_F

ClientSampleId :

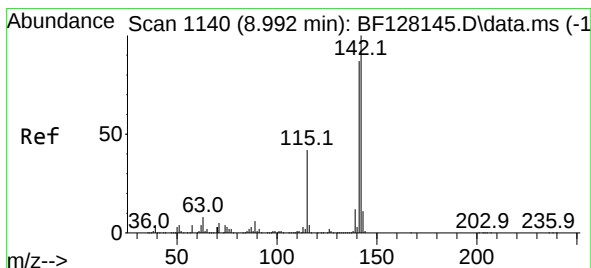
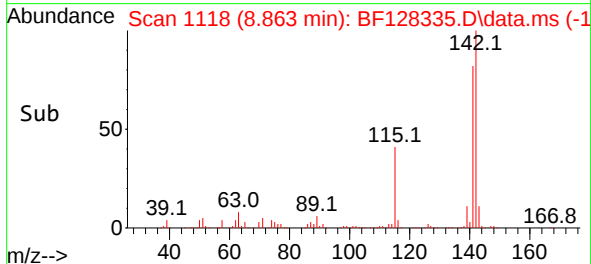
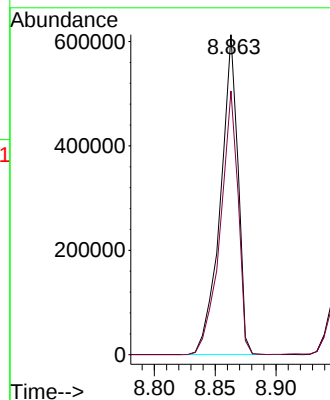
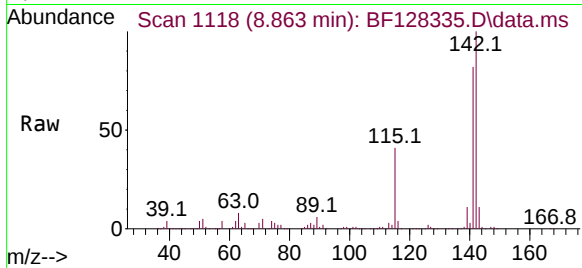
PB144922BS

Tgt Ion:142 Resp: 614446

Ion Ratio Lower Upper

142 100

141 82.4 67.4 101.2



#38

1-Methylnaphthalene

Concen: 43.635 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF128335.D

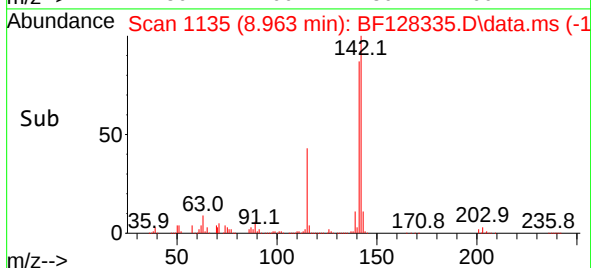
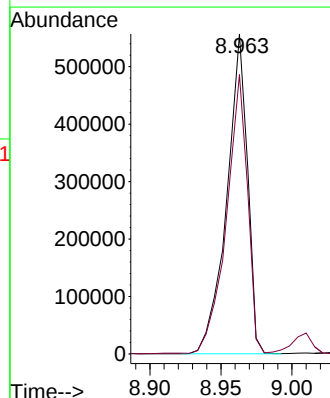
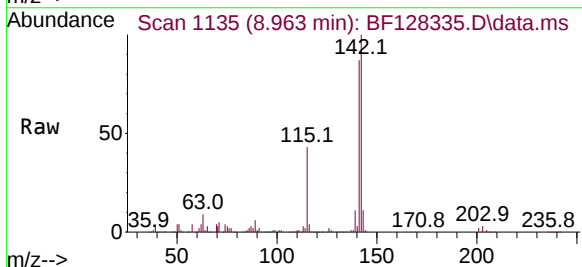
Acq: 19 May 2022 14:29

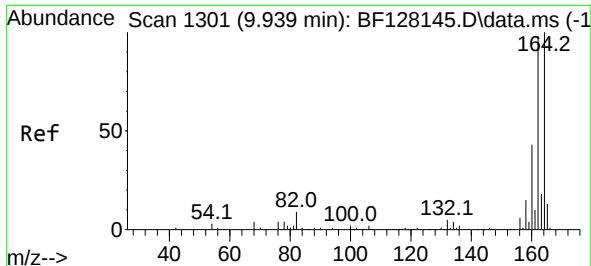
Tgt Ion:142 Resp: 563132

Ion Ratio Lower Upper

142 100

141 87.3 70.1 105.1

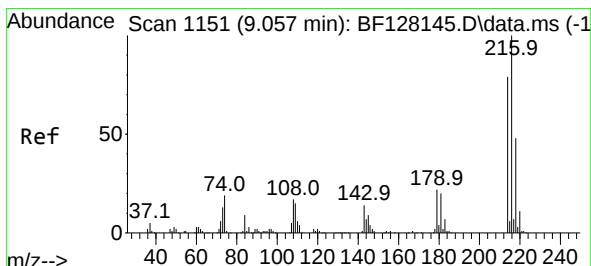
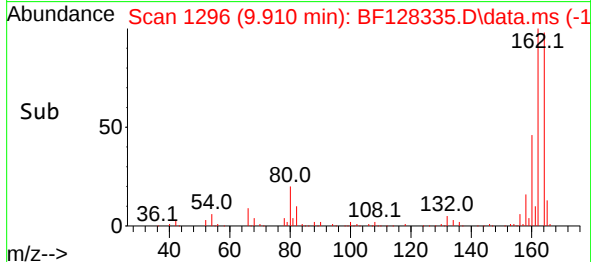
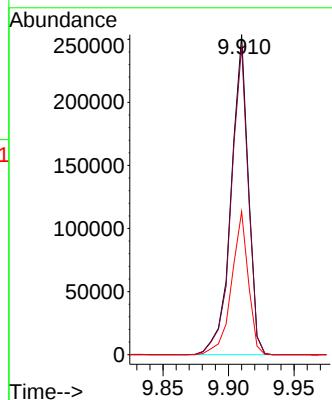
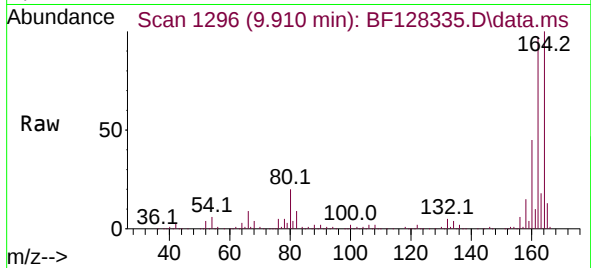




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

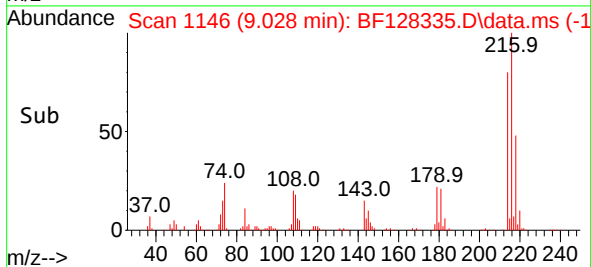
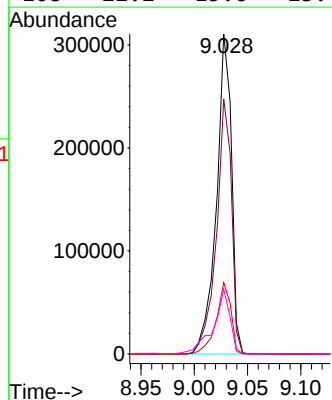
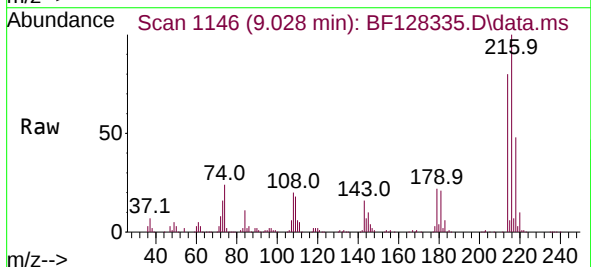
Instrument :
BNA_F
ClientSampleId :
PB144922BS

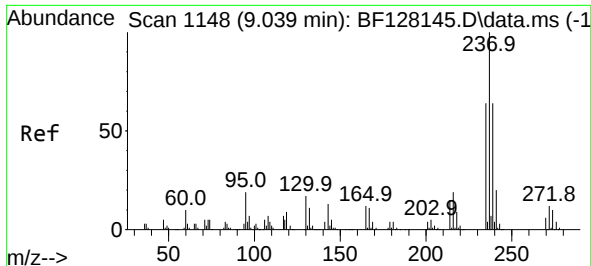
Tgt Ion:164 Resp: 230685
Ion Ratio Lower Upper
164 100
162 96.5 76.0 114.0
160 44.7 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.726 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:216 Resp: 304345
Ion Ratio Lower Upper
216 100
214 79.6 62.6 94.0
179 21.9 16.9 25.3
108 22.2 15.6 23.4

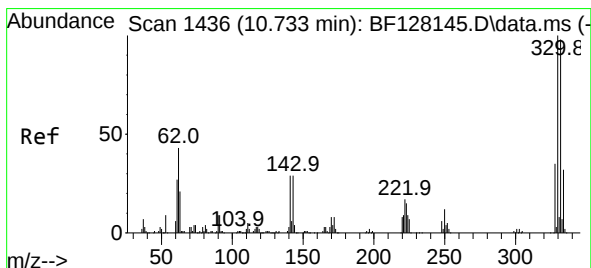
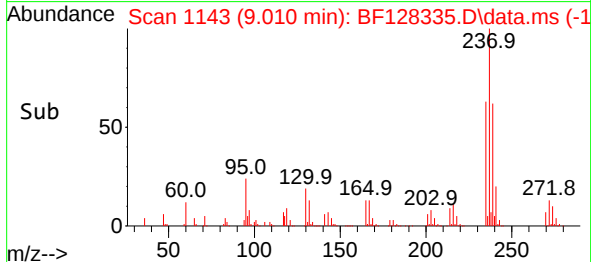
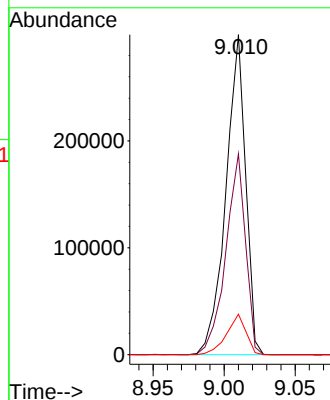
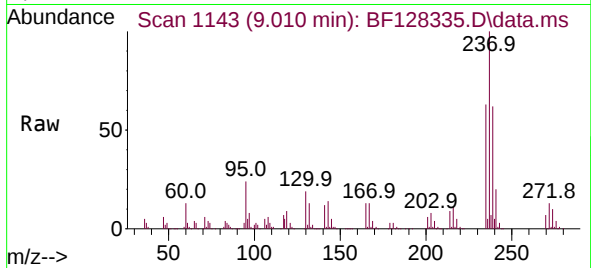




#41
Hexachlorocyclopentadiene
Concen: 92.093 ng
RT: 9.010 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

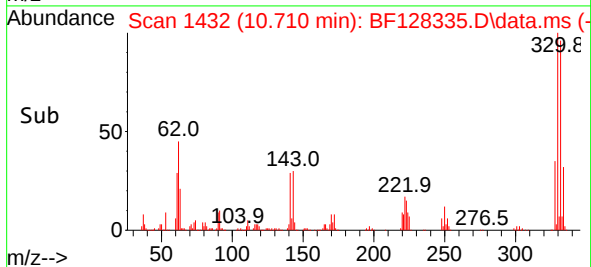
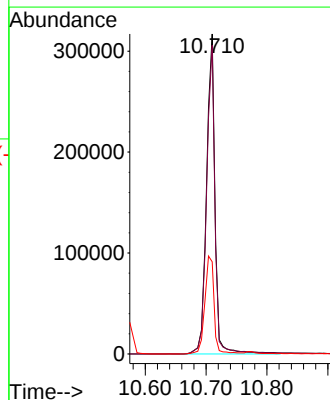
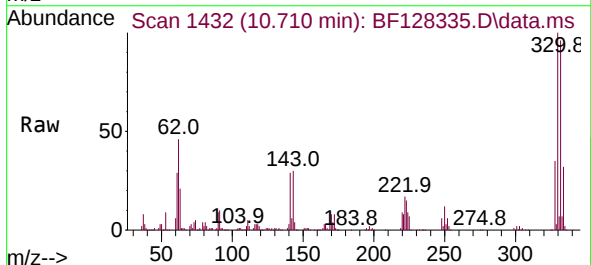
Instrument :
BNA_F
ClientSampleId :
PB144922BS

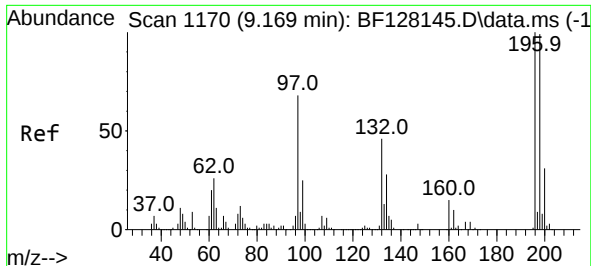
Tgt Ion:237 Resp: 288983
Ion Ratio Lower Upper
237 100
235 62.7 43.6 83.6
272 12.7 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 115.823 ng
RT: 10.710 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:330 Resp: 306431
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 33.4 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 44.435 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB144922BS

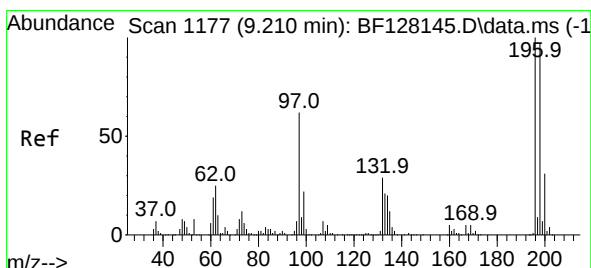
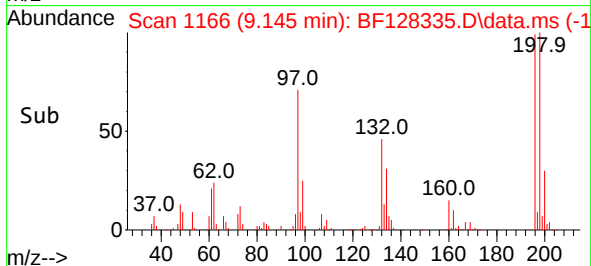
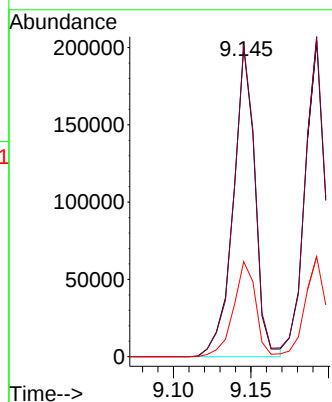
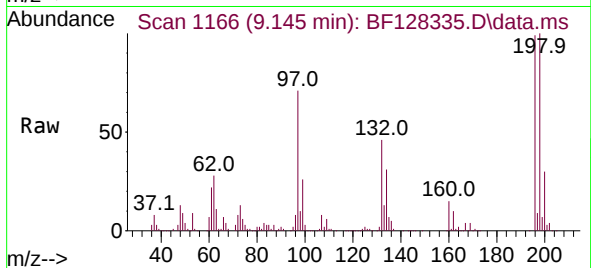
Tgt Ion:196 Resp: 194802

Ion Ratio Lower Upper

196 100

198 100.7 80.4 120.6

200 30.7 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 44.049 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Tgt Ion:196 Resp: 205907

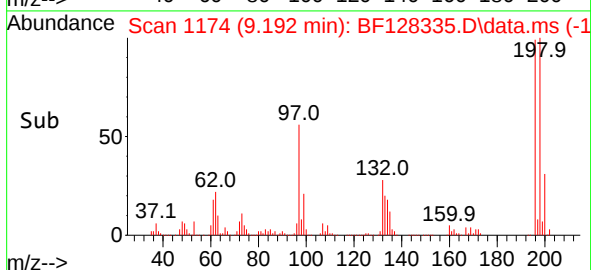
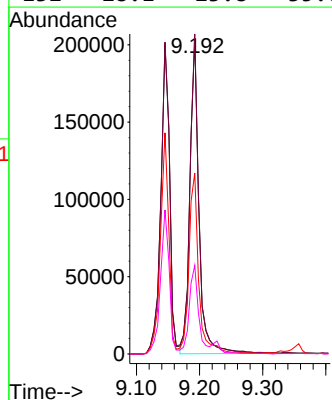
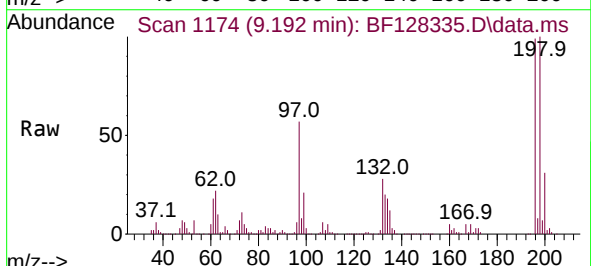
Ion Ratio Lower Upper

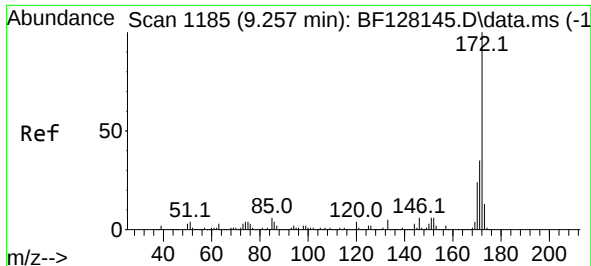
196 100

198 101.4 80.2 120.2

97 57.3 50.3 75.5

132 28.1 23.8 35.6

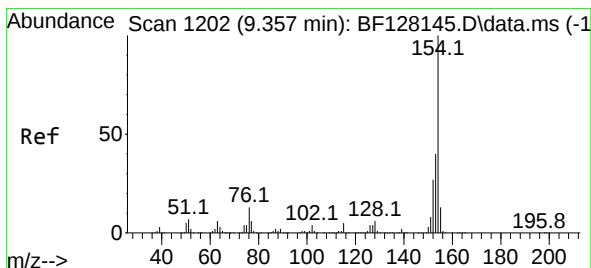
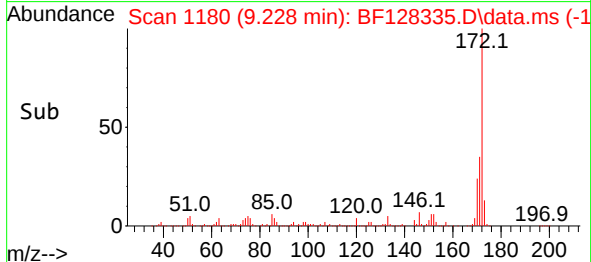
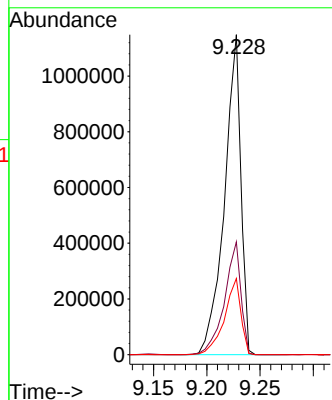
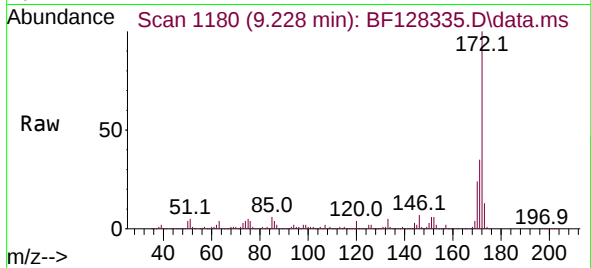




#45
2-Fluorobiphenyl
Concen: 83.196 ng
RT: 9.228 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

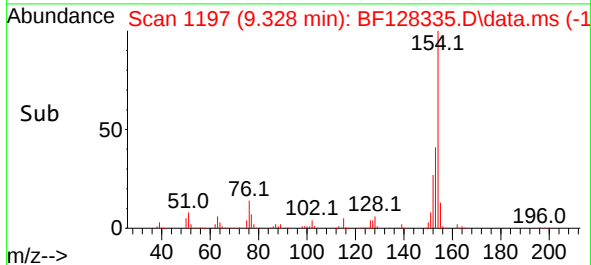
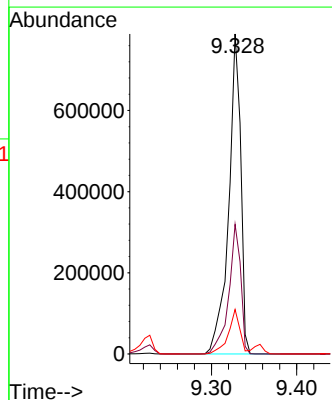
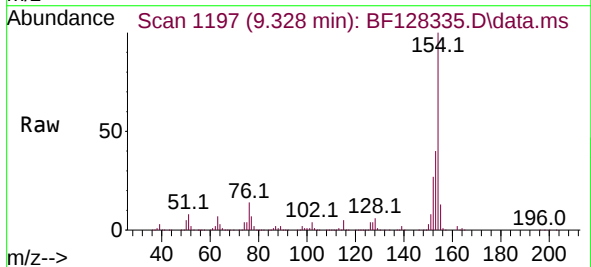
Instrument :
BNA_F
ClientSampleId :
PB144922BS

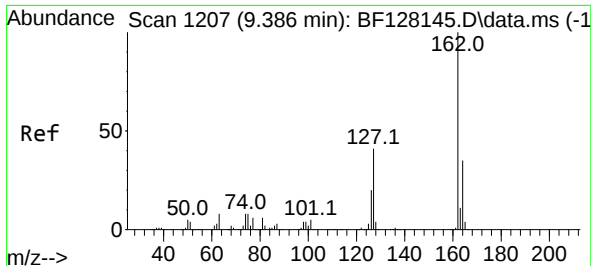
Tgt Ion:172 Resp: 1226574
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 46.117 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:154 Resp: 774481
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 13.9 0.0 33.2





#47

2-Chloronaphthalene

Concen: 45.504 ng

RT: 9.357 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB144922BS

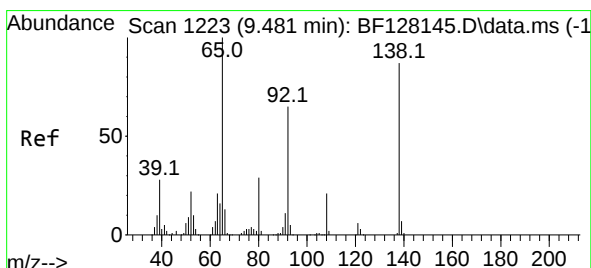
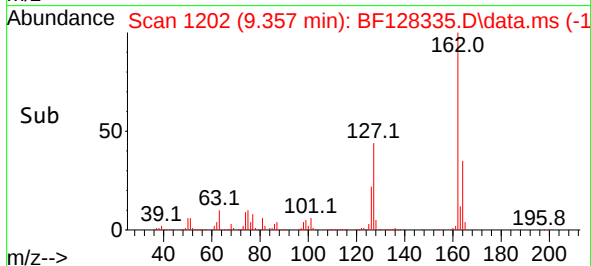
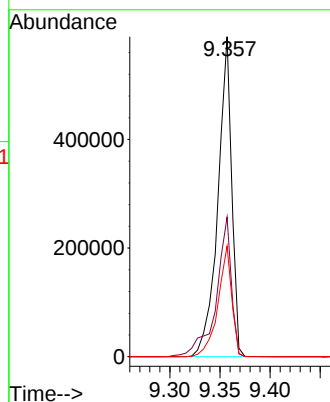
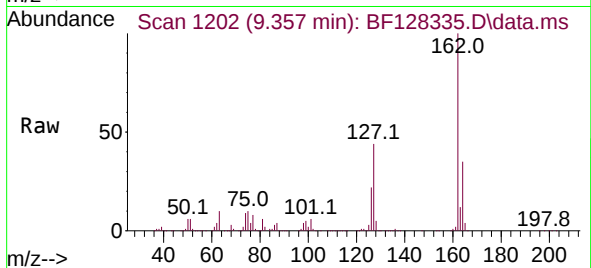
Tgt Ion:162 Resp: 566394

Ion Ratio Lower Upper

162 100

127 43.6 32.9 49.3

164 34.5 28.2 42.2



#48

2-Nitroaniline

Concen: 48.434 ng

RT: 9.457 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

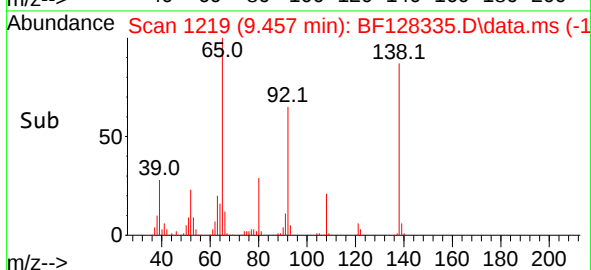
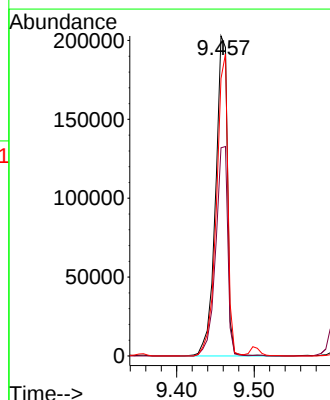
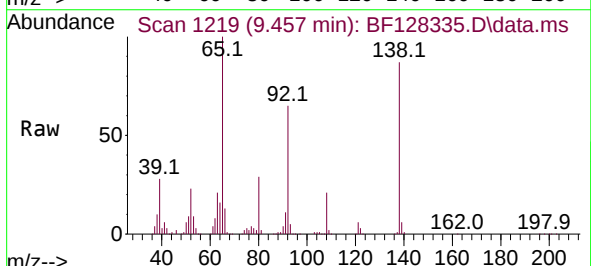
Tgt Ion: 65 Resp: 216145

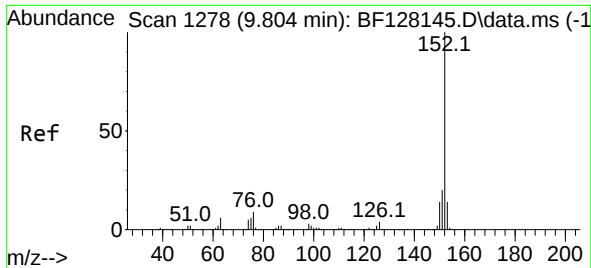
Ion Ratio Lower Upper

65 100

92 65.0 53.7 80.5

138 86.7 76.4 114.6

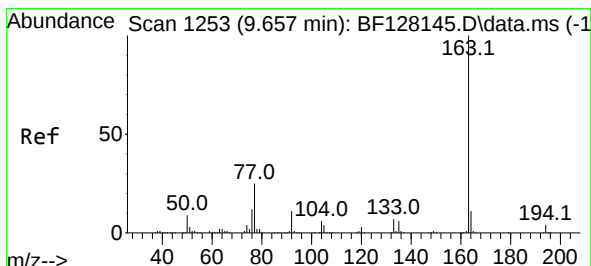
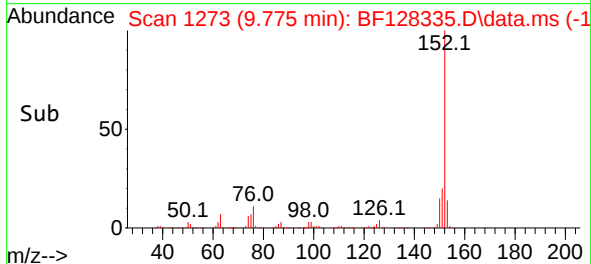
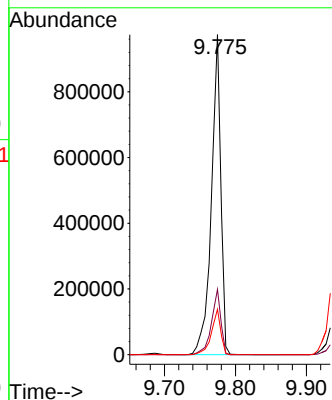
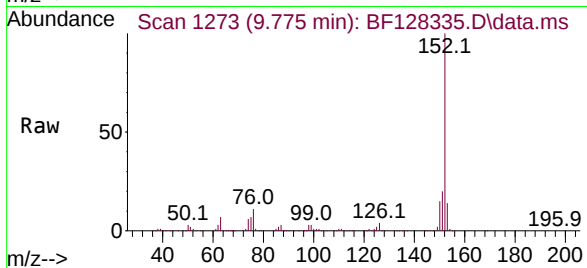




#49
Acenaphthylene
Concen: 47.889 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

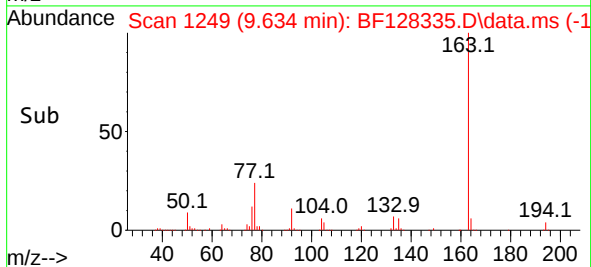
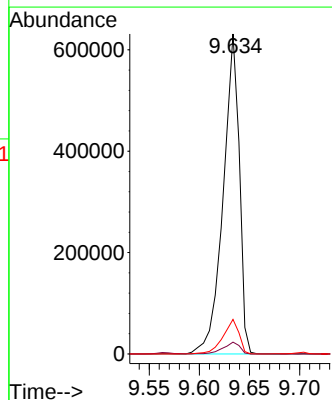
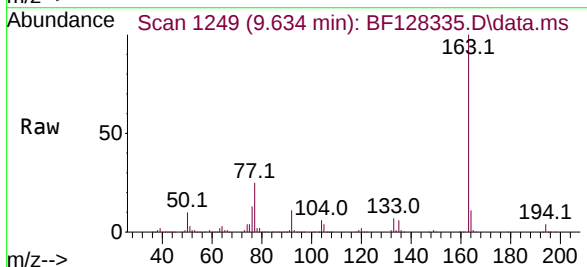
Instrument :
BNA_F
ClientSampleId :
PB144922BS

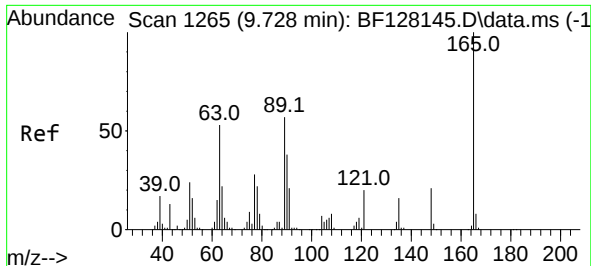
Tgt Ion:152 Resp: 901591
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.2 11.2 16.8



#50
Dimethylphthalate
Concen: 47.373 ng
RT: 9.634 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:163 Resp: 705222
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.8 8.6 13.0

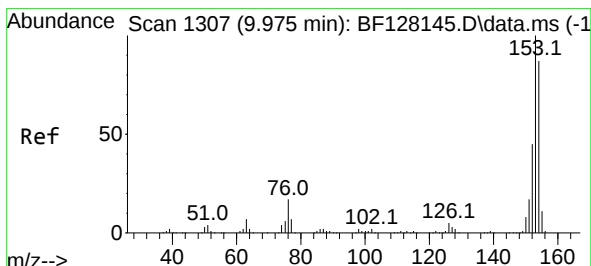
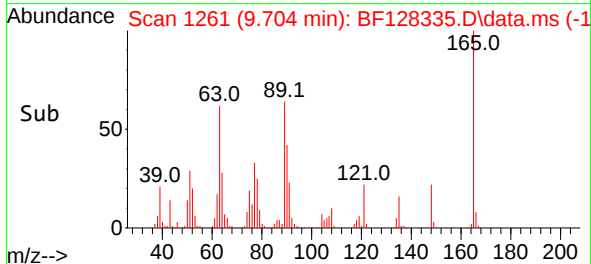
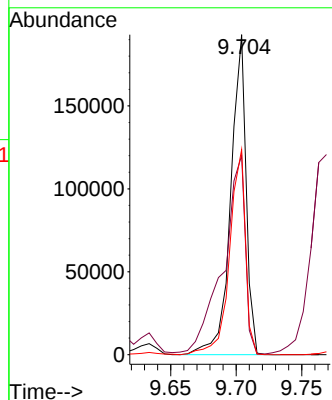
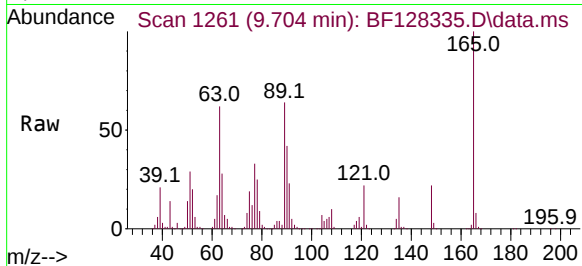




#51
2,6-Dinitrotoluene
Concen: 48.259 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

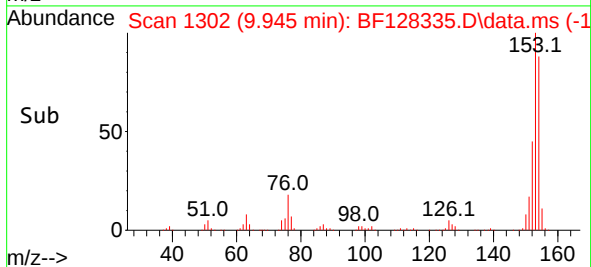
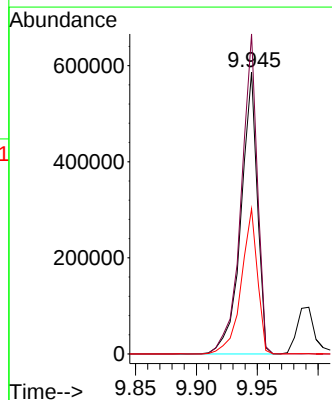
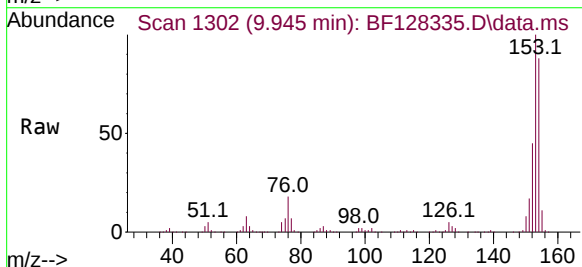
Instrument :
BNA_F
ClientSampleId :
PB144922BS

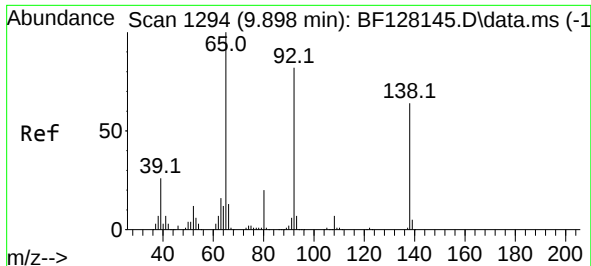
Tgt Ion:165 Resp: 157591
Ion Ratio Lower Upper
165 100
63 62.3 49.5 74.3
89 64.1 49.0 73.4



#52
Acenaphthene
Concen: 41.977 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:154 Resp: 547945
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 51.5 41.0 61.6

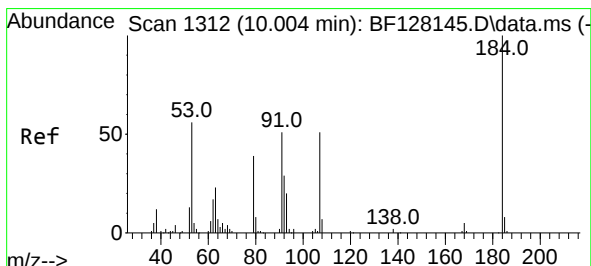
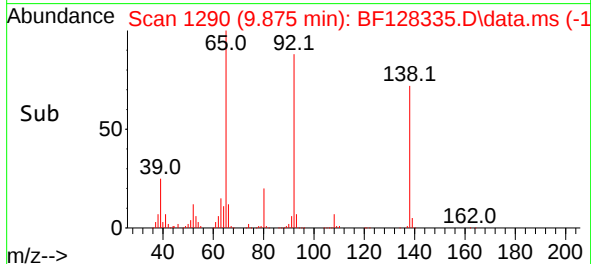
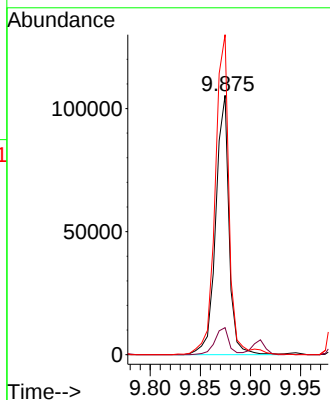
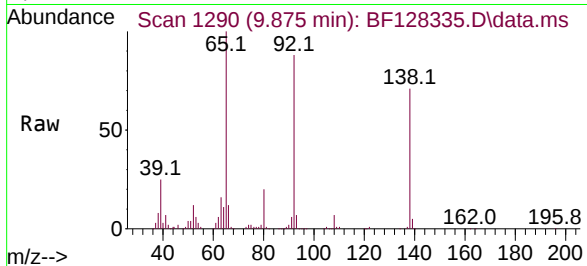




#53
3-Nitroaniline
Concen: 27.514 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

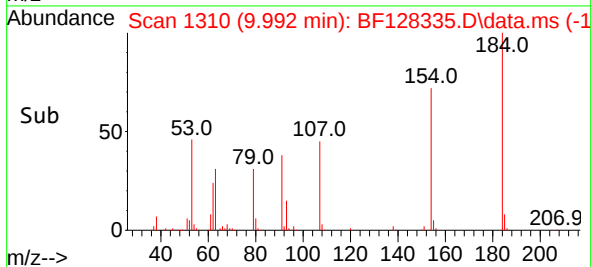
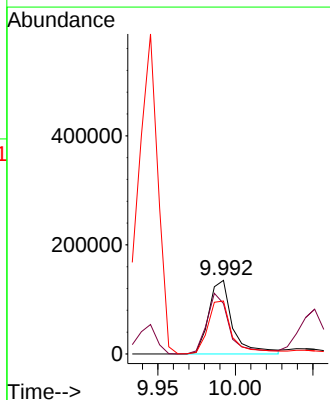
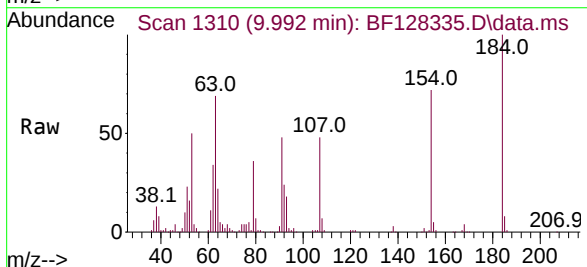
Instrument :
BNA_F
ClientSampleId :
PB144922BS

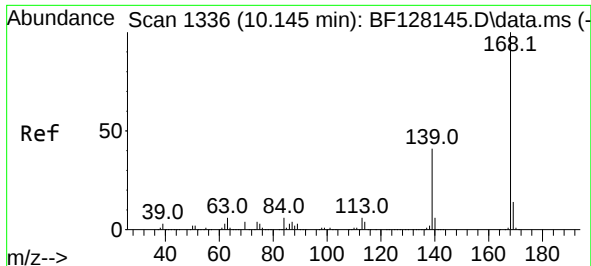
Tgt Ion:138 Resp: 97405
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.4
92 123.4 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 79.704 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:184 Resp: 143990
Ion Ratio Lower Upper
184 100
63 68.5 50.0 75.0
154 71.9 51.7 77.5

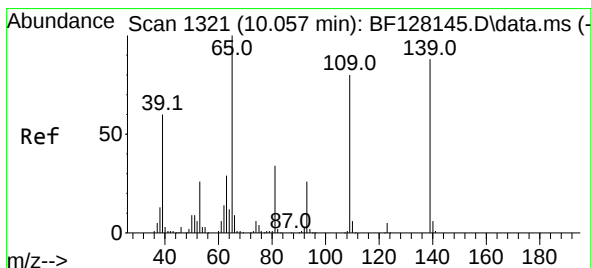
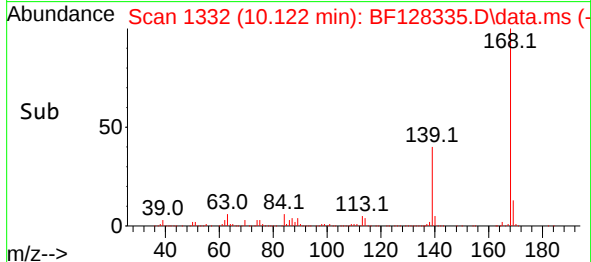
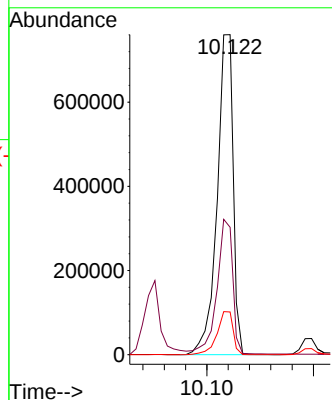
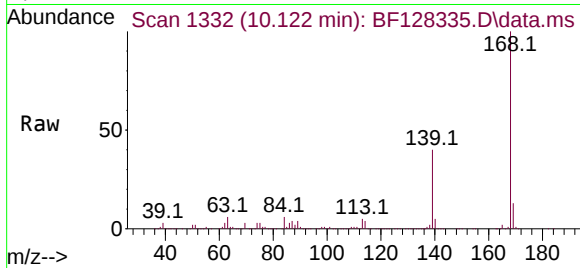




#55
Dibenzenofuran
Concen: 42.771 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

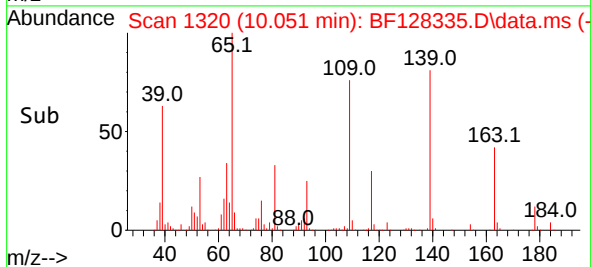
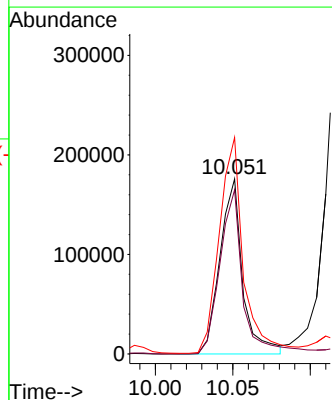
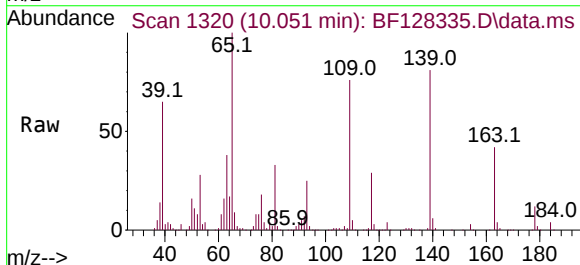
Instrument :
BNA_F
ClientSampleId :
PB144922BS

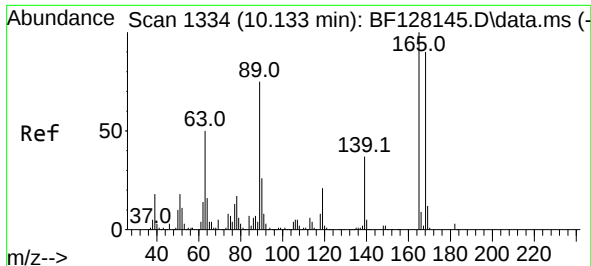
Tgt Ion:168 Resp: 792710
Ion Ratio Lower Upper
168 100
139 39.8 31.7 47.5
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 72.711 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:139 Resp: 179868
Ion Ratio Lower Upper
139 100
109 93.7 61.9 101.9
65 123.6 93.5 133.5

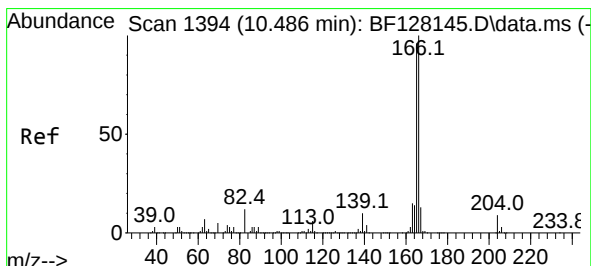
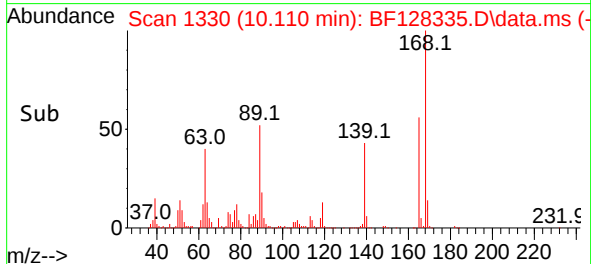
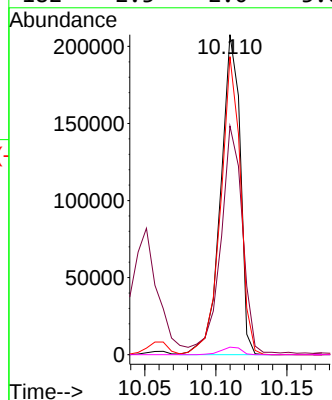
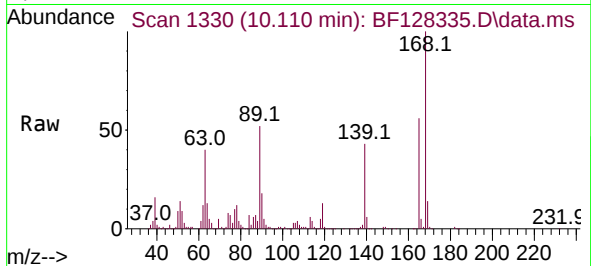




#57
2,4-Dinitrotoluene
Concen: 45.240 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

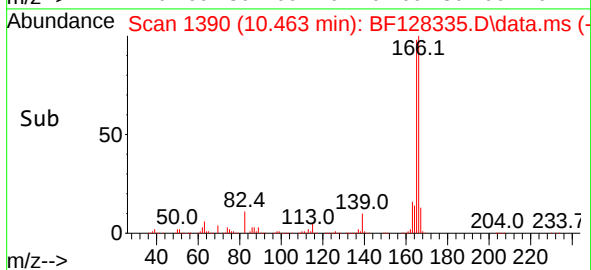
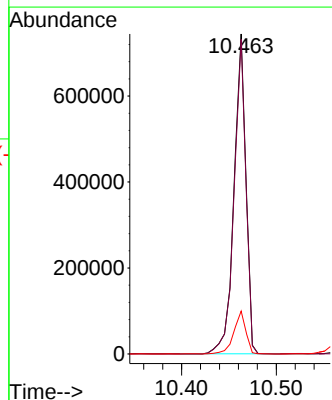
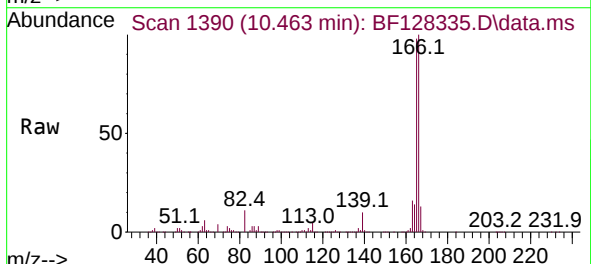
Instrument :
BNA_F
ClientSampleId :
PB144922BS

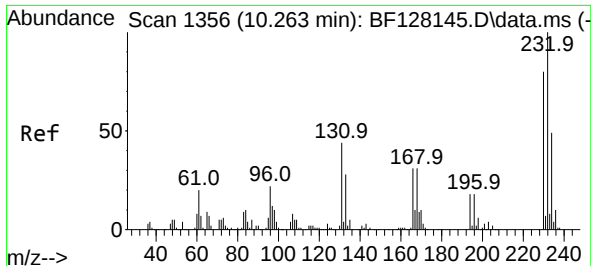
Tgt Ion:165 Resp: 197543
Ion Ratio Lower Upper
165 100
63 71.5 32.6 49.0#
89 93.2 55.2 82.8#
182 2.3 2.0 3.0



#58
Fluorene
Concen: 44.877 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:166 Resp: 647855
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 13.4 10.5 15.7

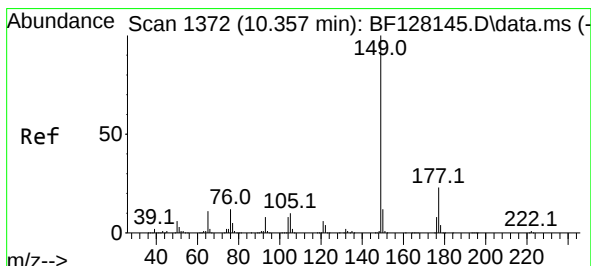
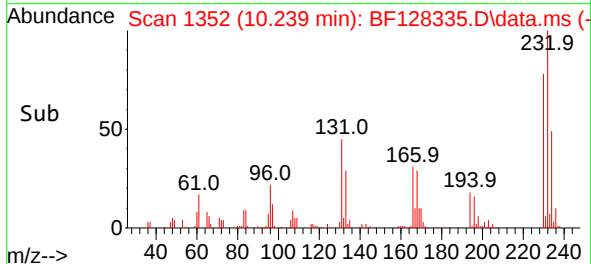
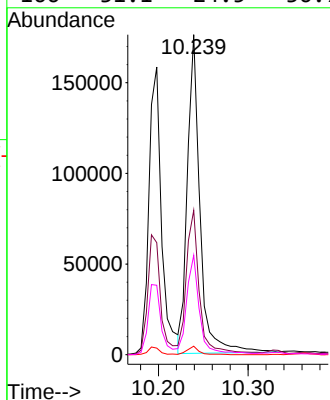
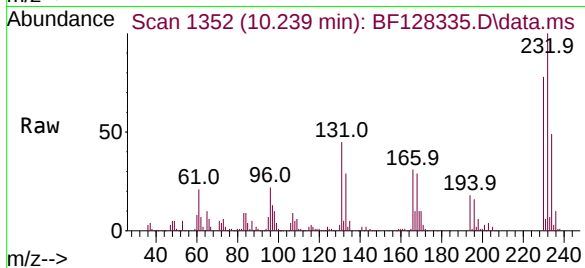




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.939 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

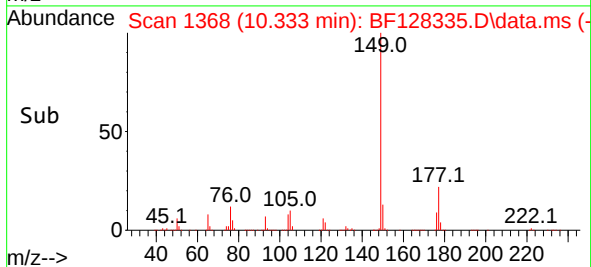
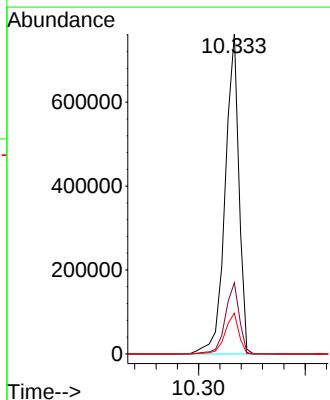
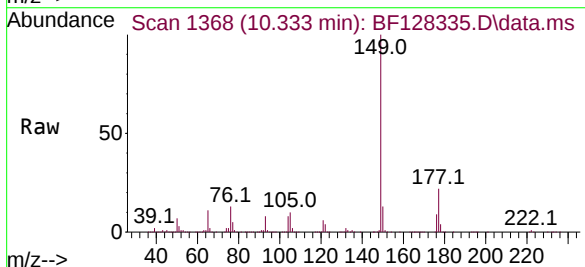
Instrument :
BNA_F
ClientSampleId :
PB144922BS

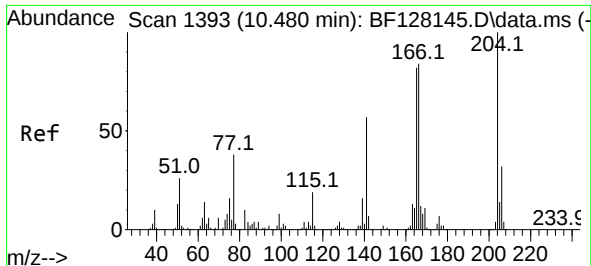
Tgt Ion:232 Resp: 171533
Ion Ratio Lower Upper
232 100
131 46.2 35.4 53.2
130 2.5 1.9 2.9
166 31.1 24.5 36.7



#60
Diethylphthalate
Concen: 45.983 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:149 Resp: 682951
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.8 10.2 15.2

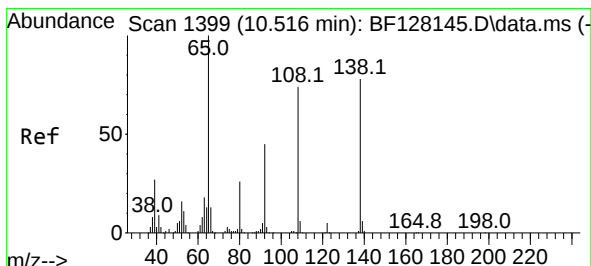
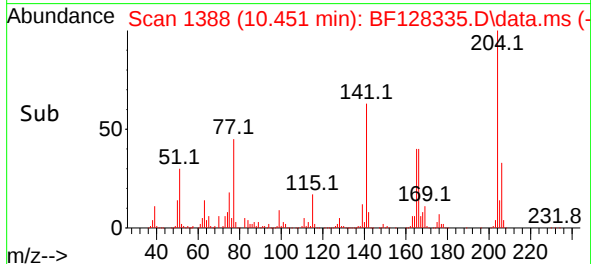
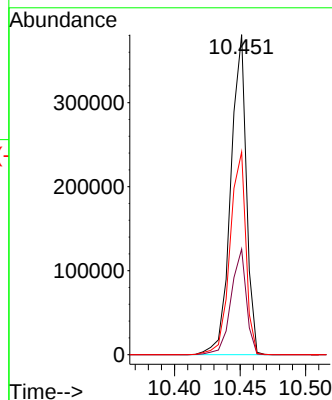
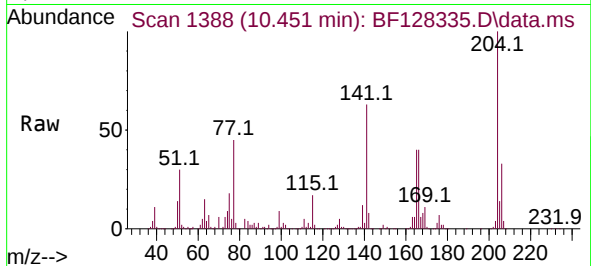




#61
4-Chlorophenyl-phenylether
Concen: 43.781 ng
RT: 10.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

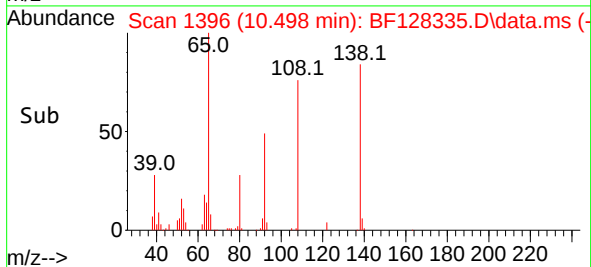
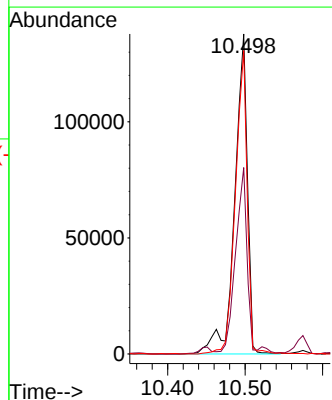
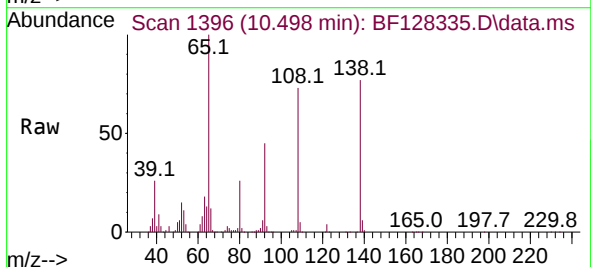
Instrument :
BNA_F
ClientSampleId :
PB144922BS

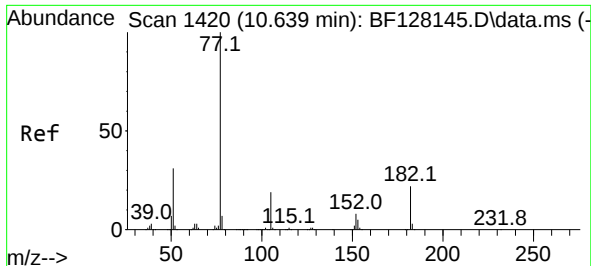
Tgt Ion:204 Resp: 315199
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 63.4 48.7 73.1



#62
4-Nitroaniline
Concen: 43.917 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:138 Resp: 157616
Ion Ratio Lower Upper
138 100
92 58.3 37.4 77.4
108 94.8 68.4 108.4

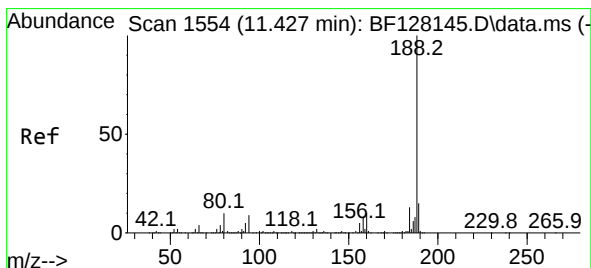
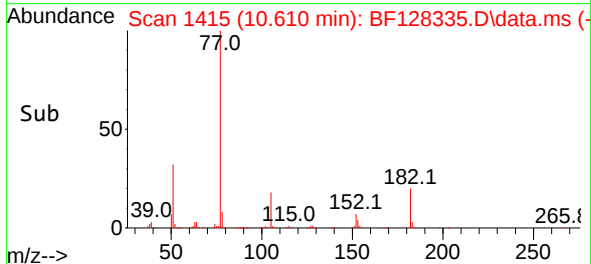
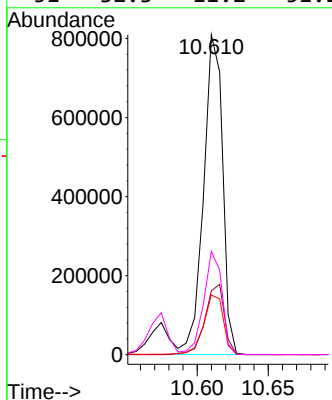
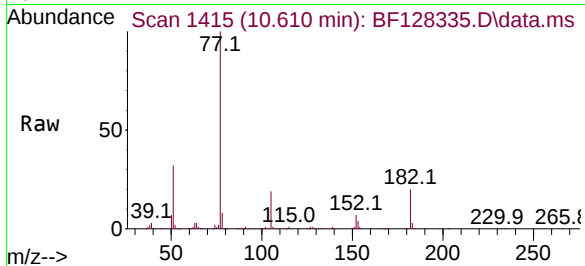




#63
Azobenzene
Concen: 46.264 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

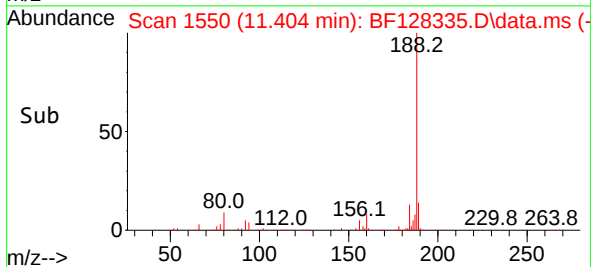
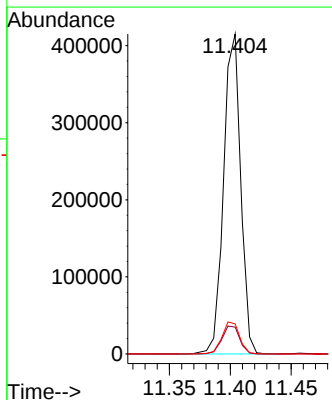
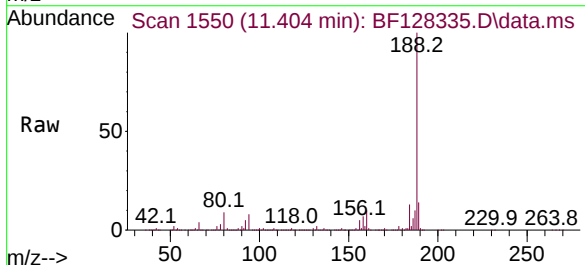
Instrument :
BNA_F
ClientSampleId :
PB144922BS

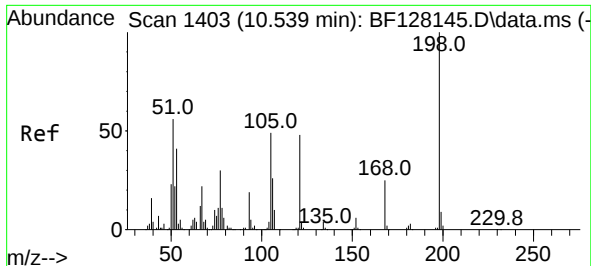
Tgt Ion: 77	Resp: 752434
Ion Ratio	Lower Upper
77 100	
182 20.0	1.2 41.2
105 18.6	0.0 39.8
51 32.3	11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:188	Resp: 405564		
Ion Ratio	Lower	Upper	
188 100			
94 8.4	8.0	12.0	
80 9.4	8.9	13.3	

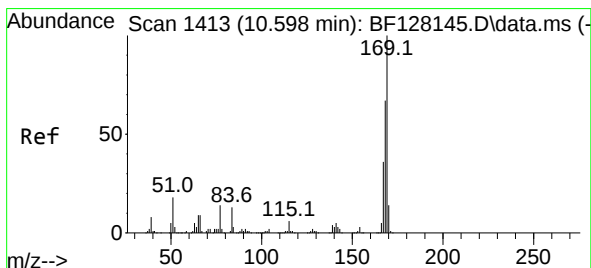
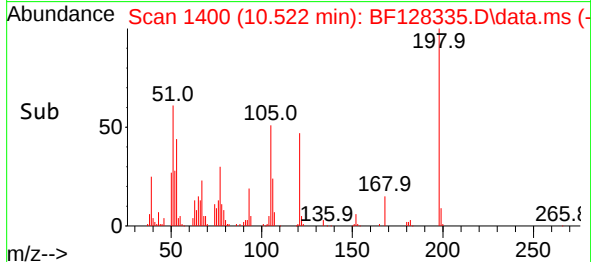
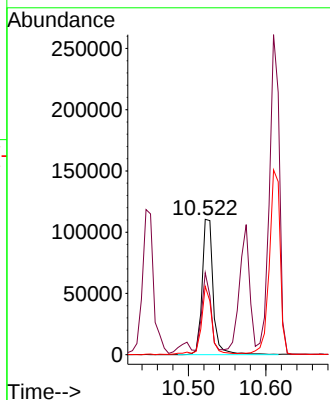
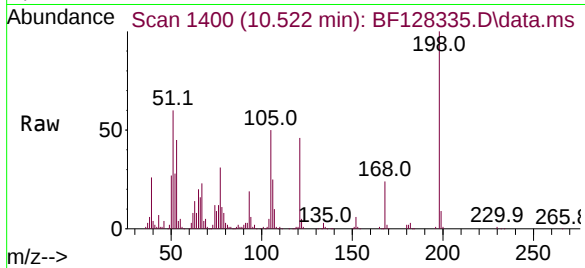




#65
4,6-Dinitro-2-methylphenol
Concen: 43.272 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

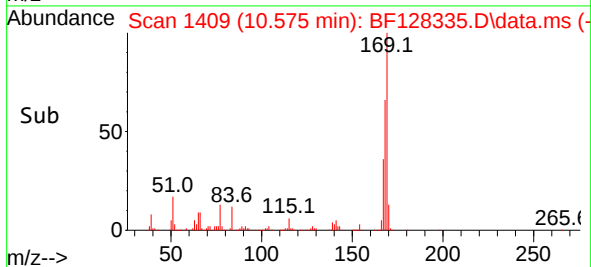
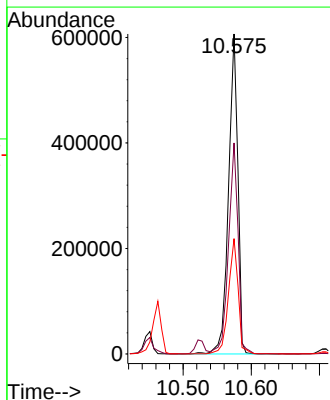
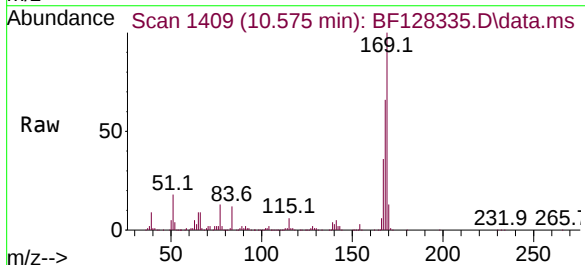
Instrument :
BNA_F
ClientSampleId :
PB144922BS

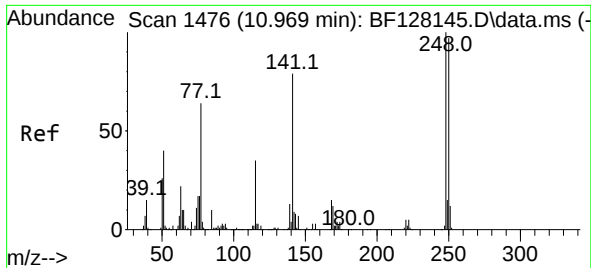
Tgt Ion:198 Resp: 109835
Ion Ratio Lower Upper
198 100
51 60.5 28.4 68.4
105 50.5 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 48.804 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:169 Resp: 576850
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.1 29.5 44.3

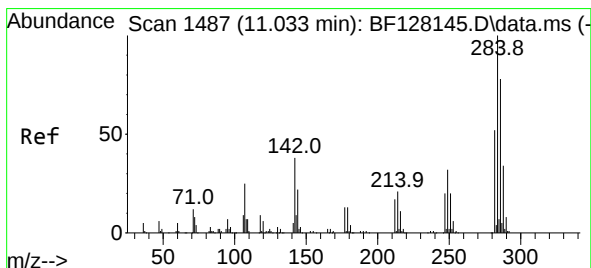
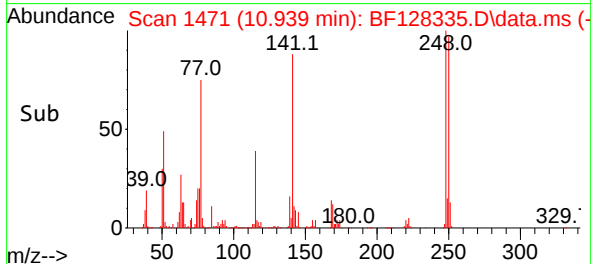
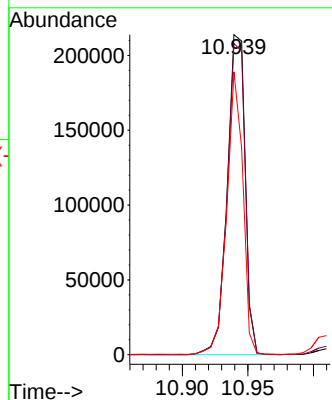
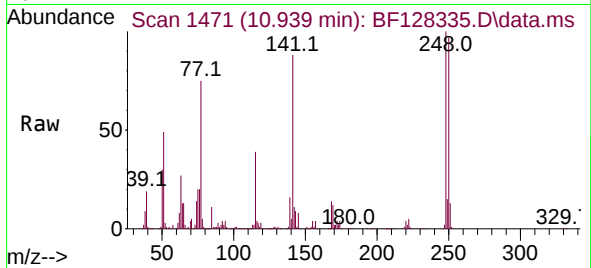




#67
4-Bromophenyl-phenylether
Concen: 46.786 ng
RT: 10.939 min Scan# 1476
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

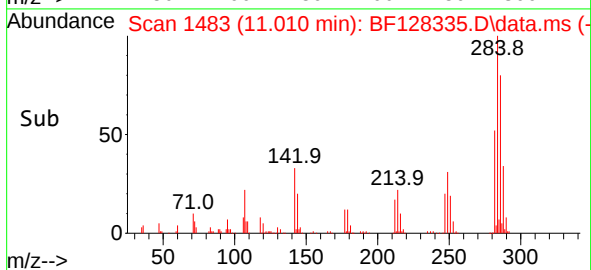
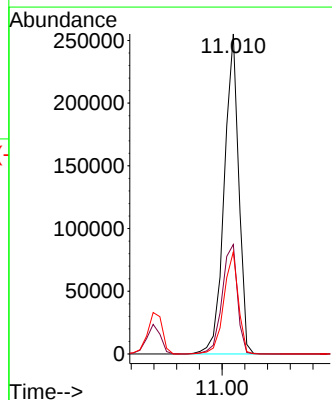
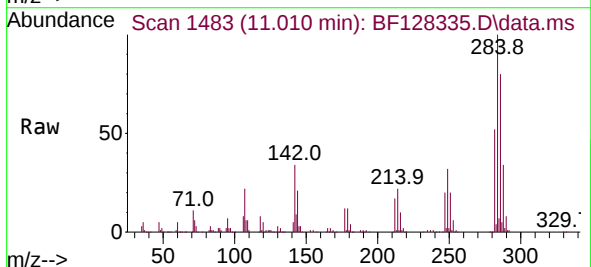
Instrument :
BNA_F
ClientSampleId :
PB144922BS

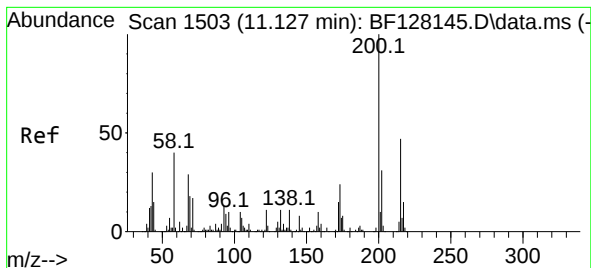
Tgt Ion:248 Resp: 204144
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 88.4 65.6 98.4



#68
Hexachlorobenzene
Concen: 47.440 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:284 Resp: 226427
Ion Ratio Lower Upper
284 100
142 34.2 30.2 45.4
249 31.9 26.1 39.1





#69

Atrazine

Concen: 50.898 ng

RT: 11.104 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB144922BS

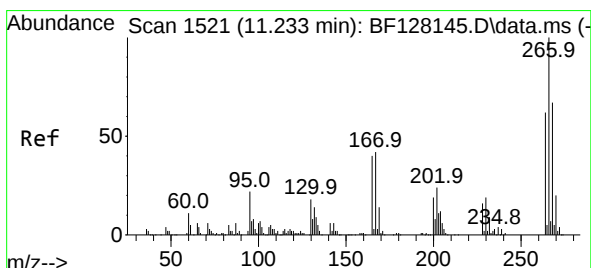
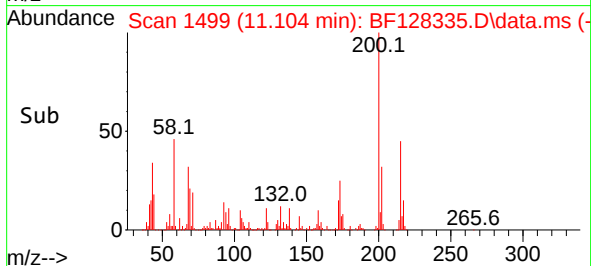
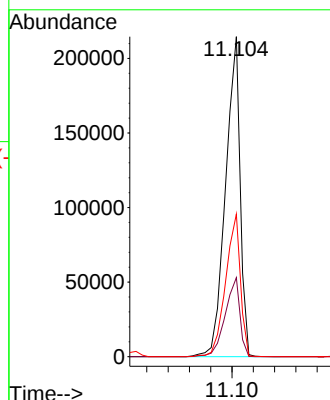
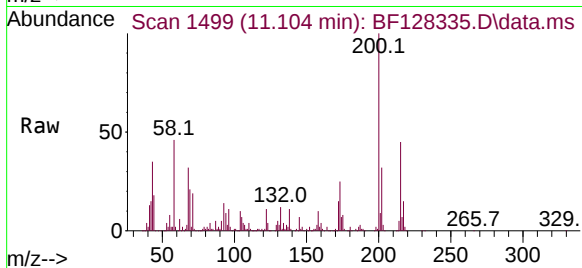
Tgt Ion:200 Resp: 202939

Ion Ratio Lower Upper

200 100

173 24.7 6.0 46.0

215 44.6 28.1 68.1



#70

Pentachlorophenol

Concen: 85.275 ng

RT: 11.210 min Scan# 1517

Delta R.T. 0.000 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

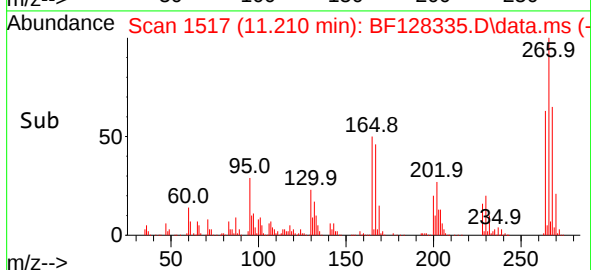
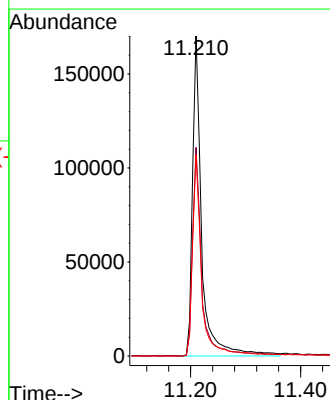
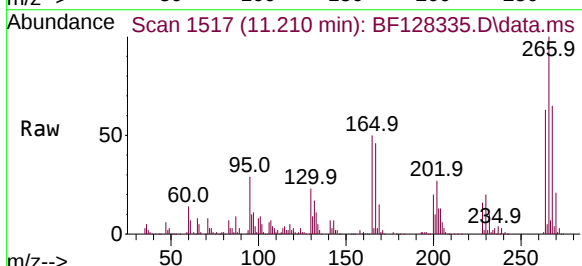
Tgt Ion:266 Resp: 197534

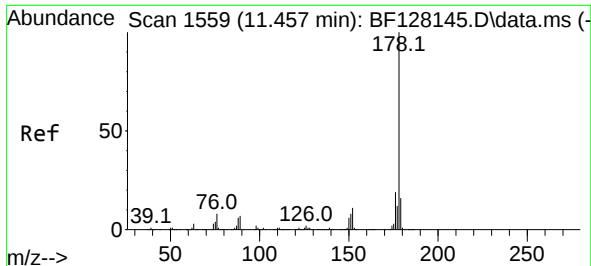
Ion Ratio Lower Upper

266 100

268 65.2 53.0 79.6

264 62.9 53.1 79.7

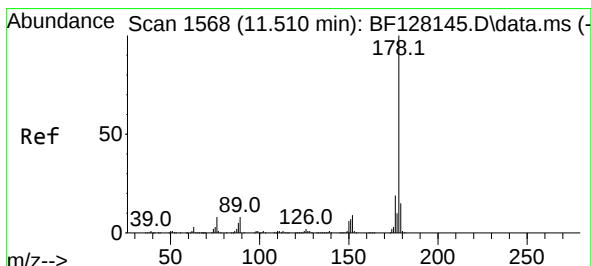
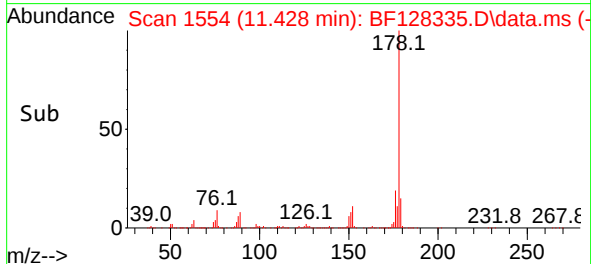
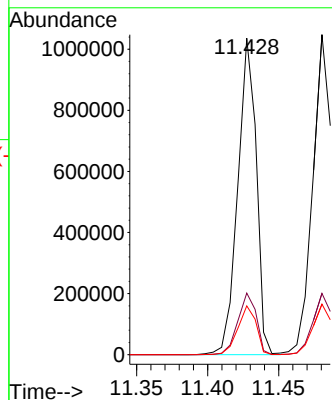
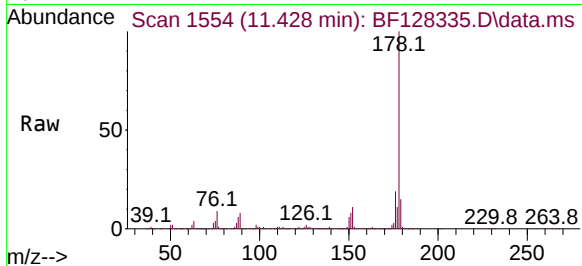




#71
Phenanthrene
Concen: 46.543 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

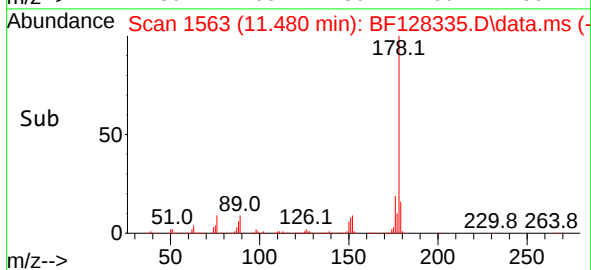
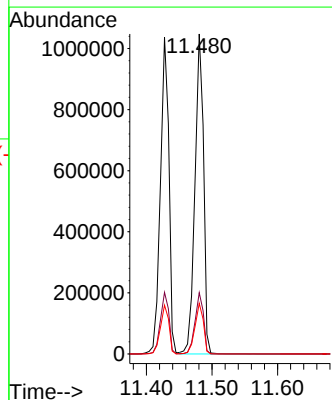
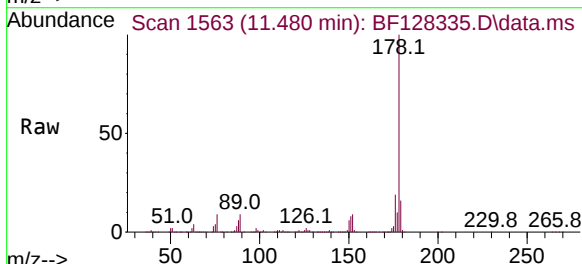
Instrument :
BNA_F
ClientSampleId :
PB144922BS

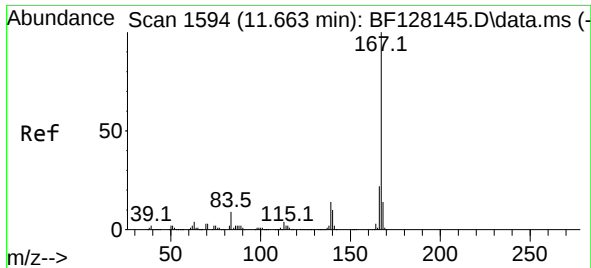
Tgt Ion:178 Resp: 939922
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.4 12.6 19.0



#72
Anthracene
Concen: 47.436 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:178 Resp: 956430
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.8 12.4 18.6

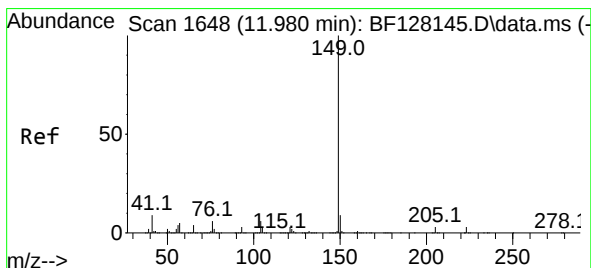
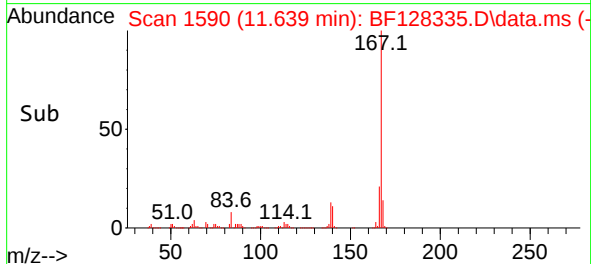
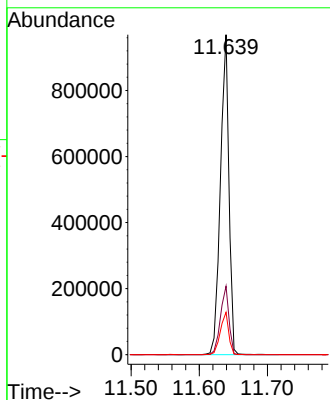
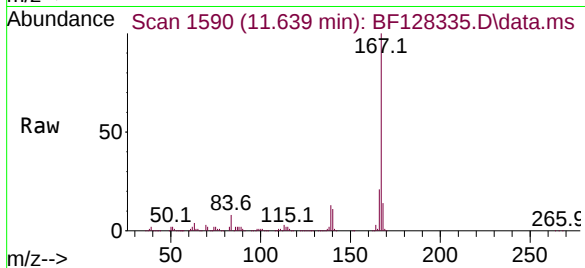




#73
Carbazole
Concen: 43.913 ng
RT: 11.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

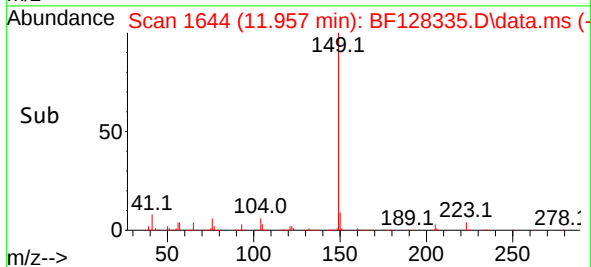
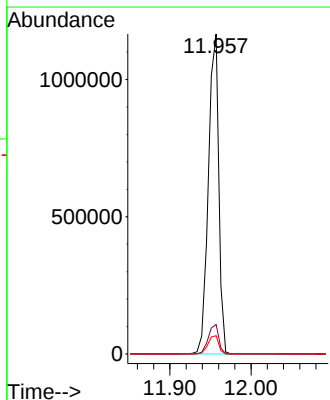
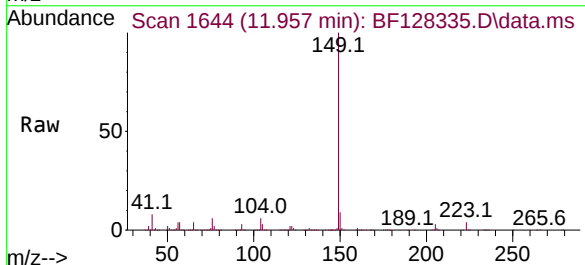
Instrument :
BNA_F
ClientSampleId :
PB144922BS

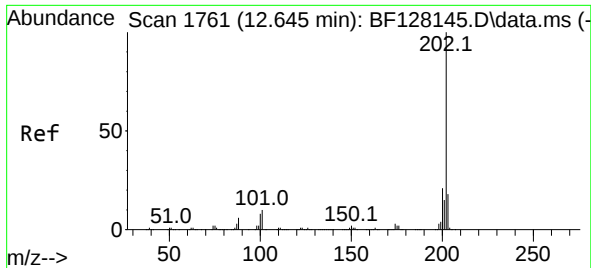
Tgt Ion:167 Resp: 841949
Ion Ratio Lower Upper
167 100
166 21.4 17.6 26.4
139 13.2 10.7 16.1



#74
Di-n-butylphthalate
Concen: 46.744 ng
RT: 11.957 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:149 Resp: 1031758
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.7 4.3 6.5

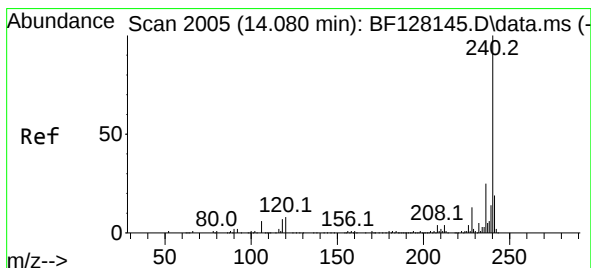
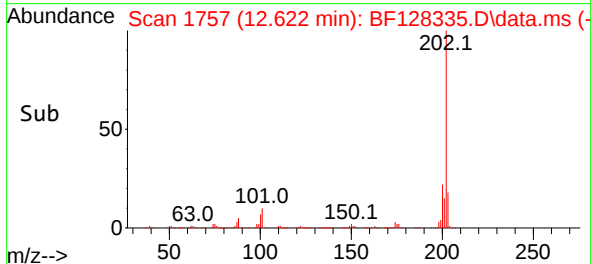
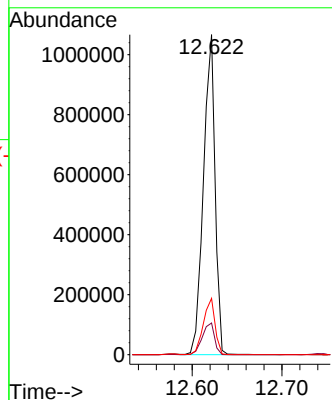
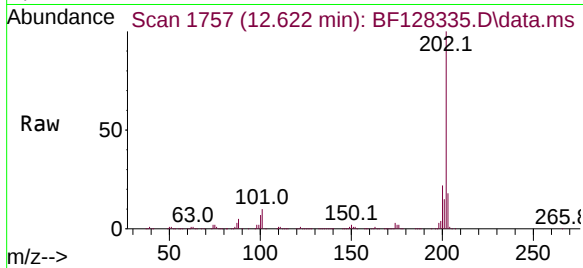




#75
Fluoranthene
Concen: 43.755 ng
RT: 12.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

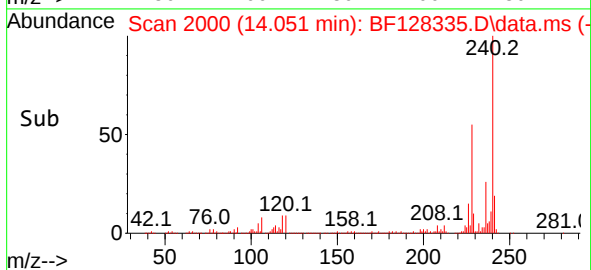
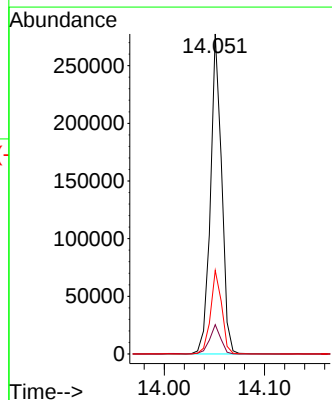
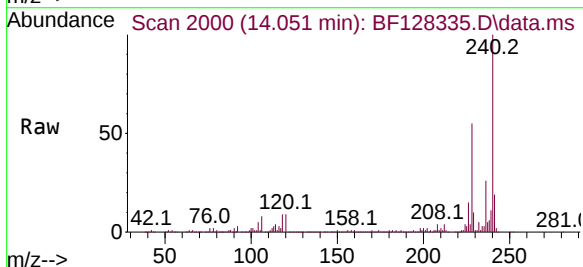
Instrument :
BNA_F
ClientSampleId :
PB144922BS

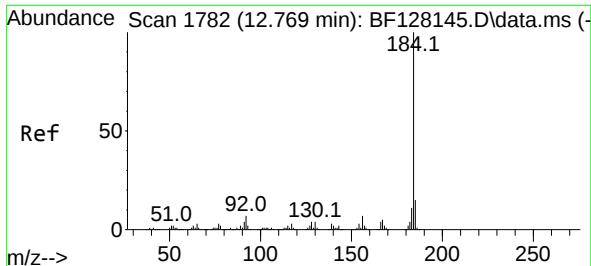
Tgt Ion:202 Resp: 957974
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.6
203 17.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:240 Resp: 213979
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 26.1 20.3 30.5

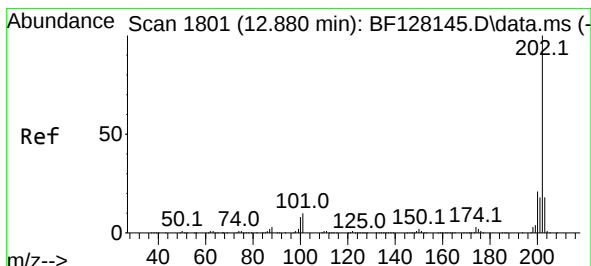
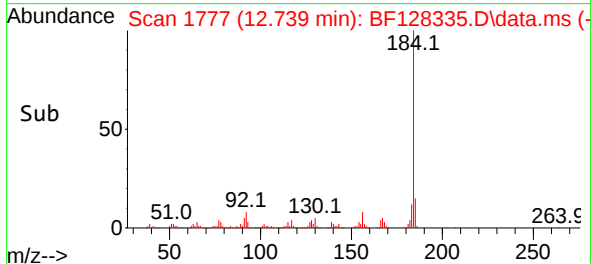
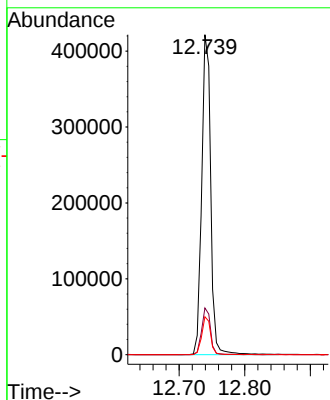
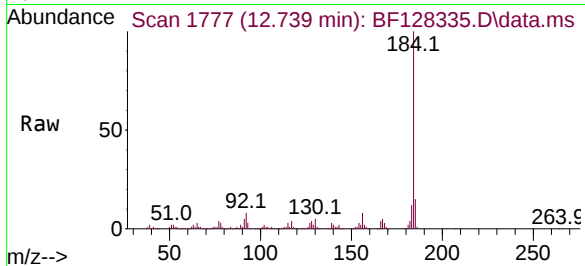




#77
Benzidine
Concen: 87.089 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

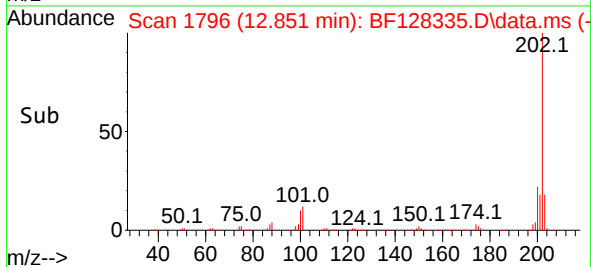
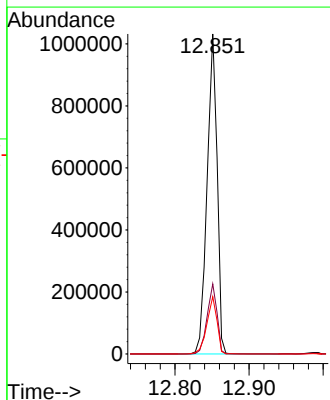
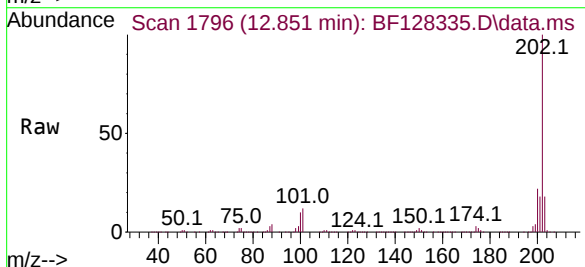
Instrument :
BNA_F
ClientSampleId :
PB144922BS

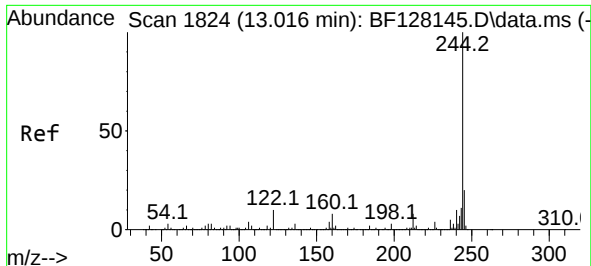
Tgt Ion:184 Resp: 403609
Ion Ratio Lower Upper
184 100
185 14.6 12.1 18.1
183 11.8 9.0 13.4



#78
Pyrene
Concen: 62.363 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:202 Resp: 967577
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.9 14.0 21.0

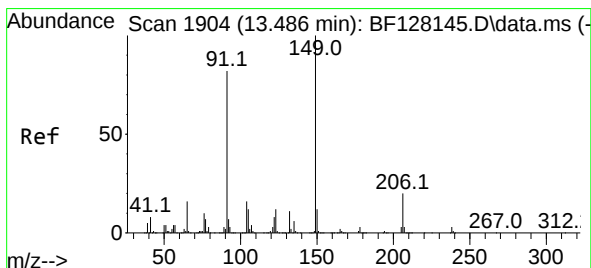
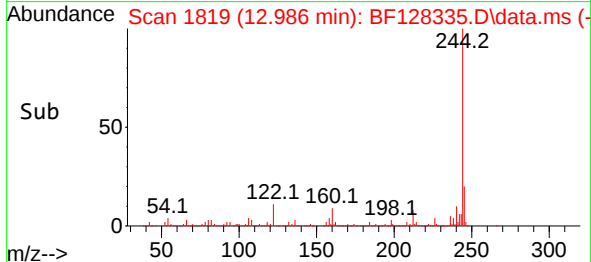
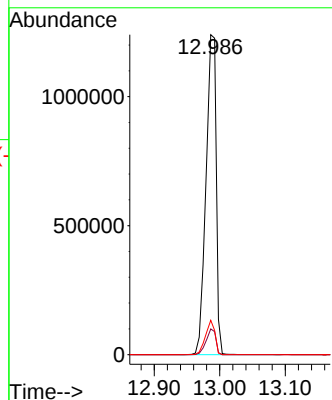
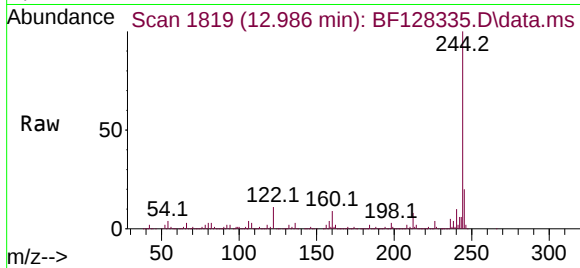




#79
 Terphenyl-d14
 Concen: 118.339 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

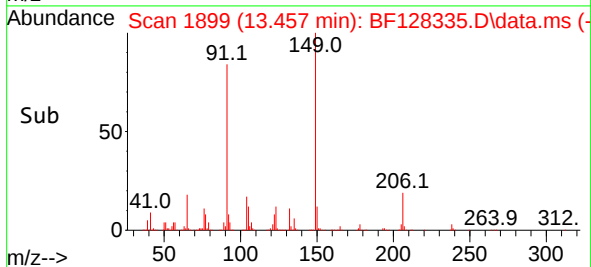
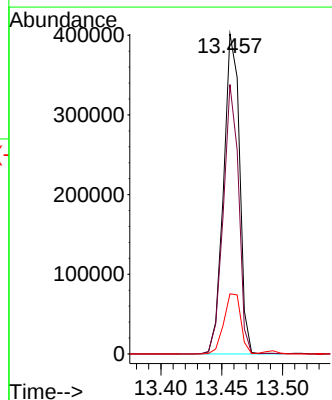
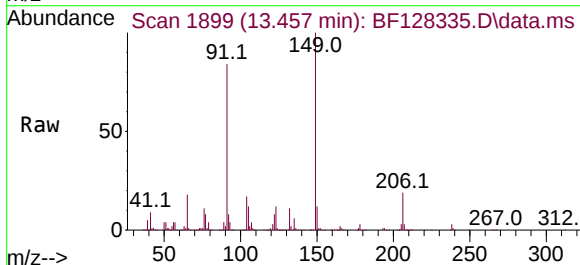
Instrument :
 BNA_F
 ClientSampleId :
 PB144922BS

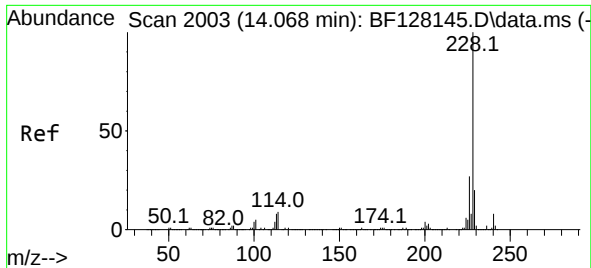
Tgt Ion:244 Resp: 1349492
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 10.7 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 57.044 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

Tgt Ion:149 Resp: 367951
 Ion Ratio Lower Upper
 149 100
 91 84.2 65.8 98.6
 206 18.8 15.4 23.2

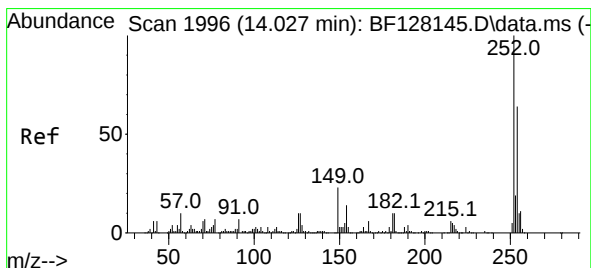
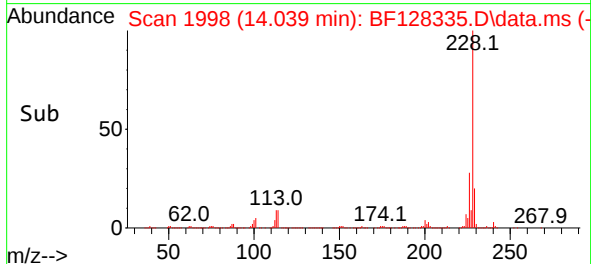
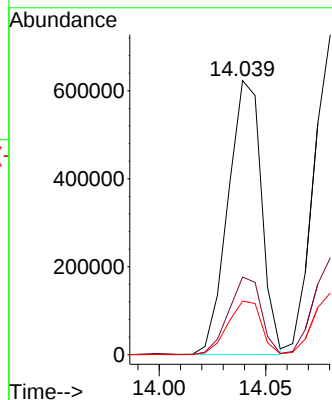
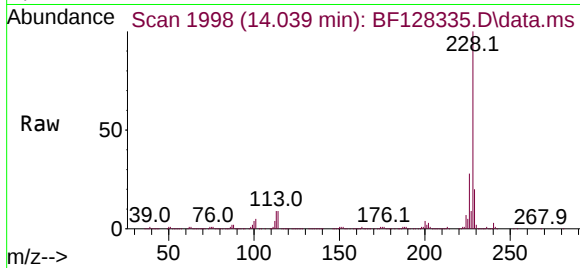




#81
Benzo(a)anthracene
Concen: 49.662 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

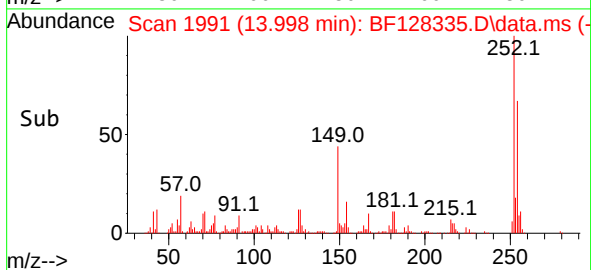
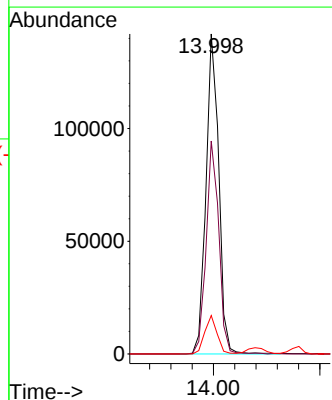
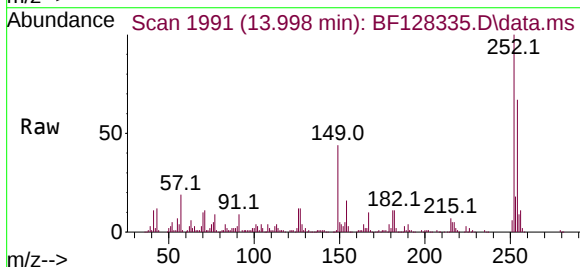
Instrument :
BNA_F
ClientSampleId :
PB144922BS

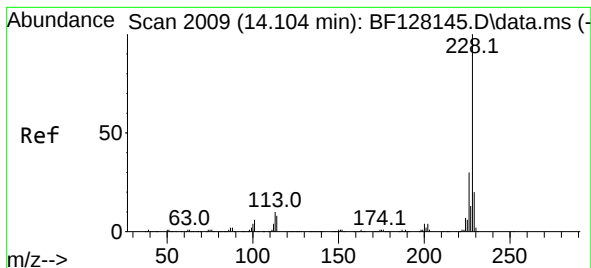
Tgt Ion:228 Resp: 678762
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 19.6 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 38.617 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:252 Resp: 118428
Ion Ratio Lower Upper
252 100
254 66.5 51.6 77.4
126 12.0 8.8 13.2





#83

Chrysene

Concen: 47.628 ng

RT: 14.080 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB144922BS

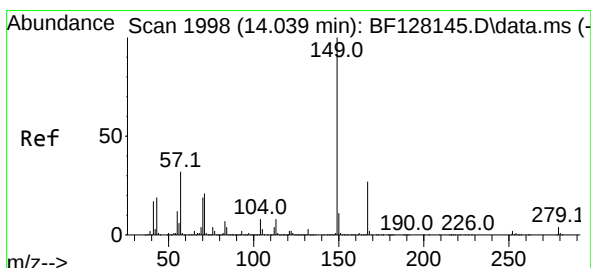
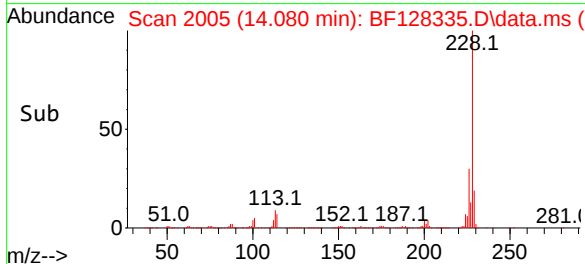
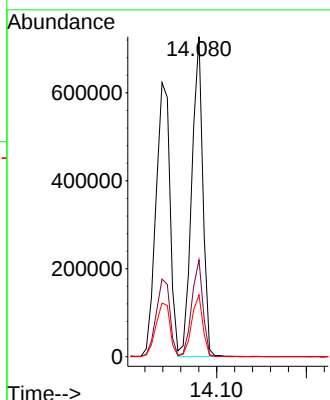
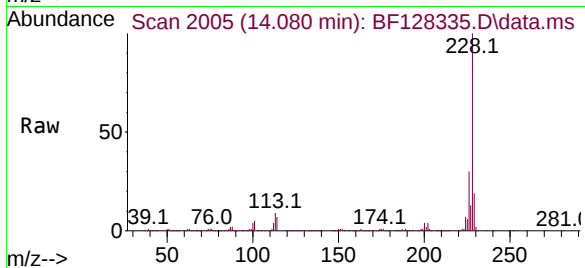
Tgt Ion:228 Resp: 621107

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.3 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.038 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

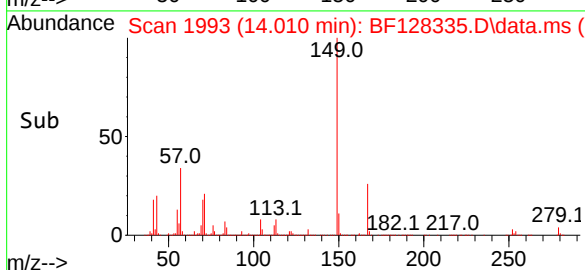
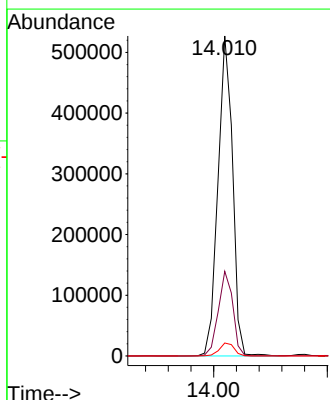
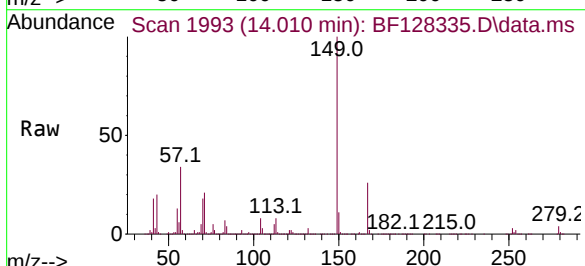
Tgt Ion:149 Resp: 470957

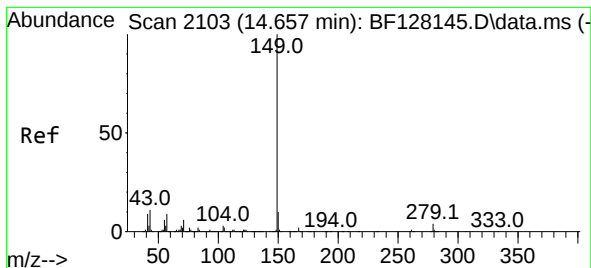
Ion Ratio Lower Upper

149 100

167 26.4 22.0 33.0

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 49.154 ng

RT: 14.627 min Scan# 2098

Delta R.T. 0.000 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB144922BS

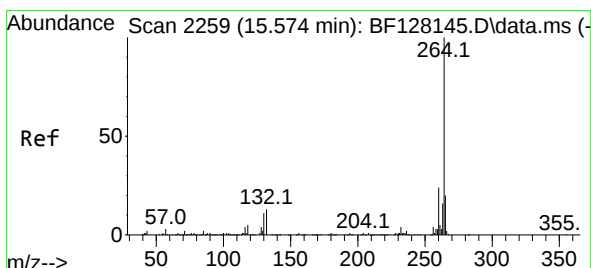
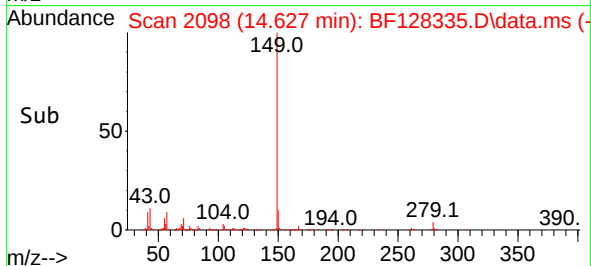
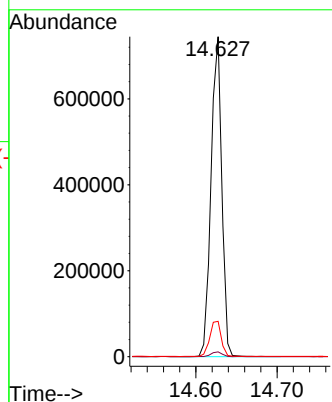
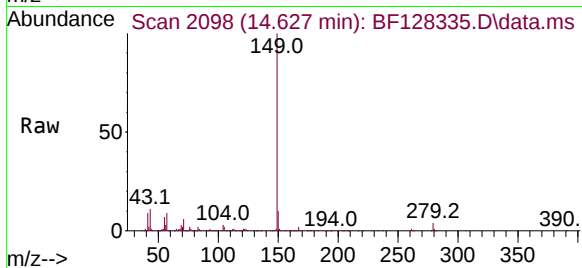
Tgt Ion:149 Resp: 684301

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2253

Delta R.T. -0.006 min

Lab File: BF128335.D

Acq: 19 May 2022 14:29

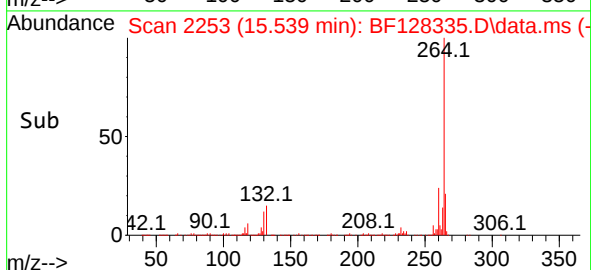
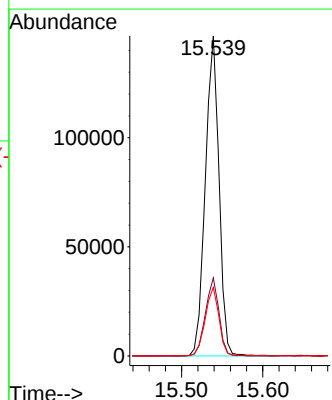
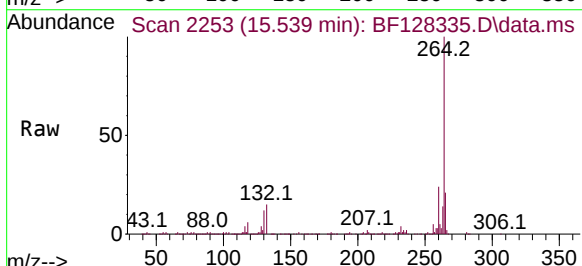
Tgt Ion:264 Resp: 171047

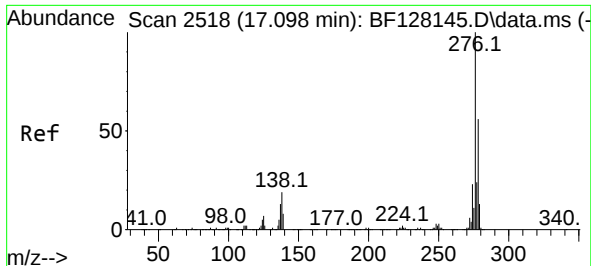
Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 21.4 17.5 26.3

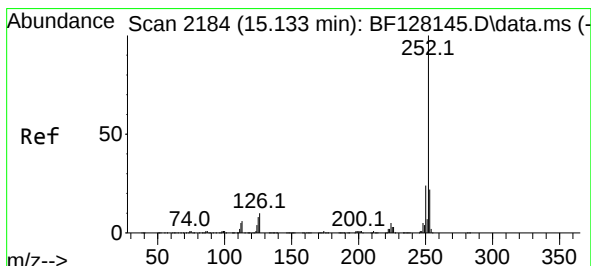
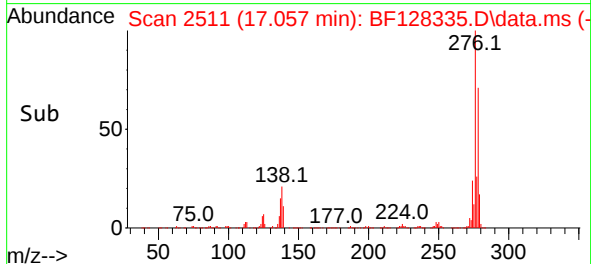
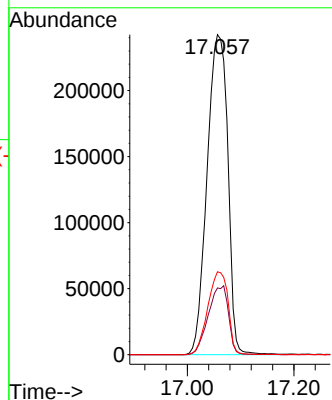
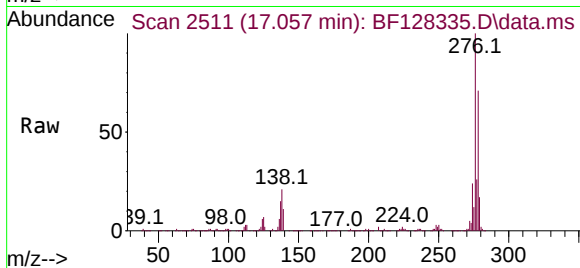




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 63.366 ng
 RT: 17.057 min Scan# 2117
 Delta R.T. -0.006 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

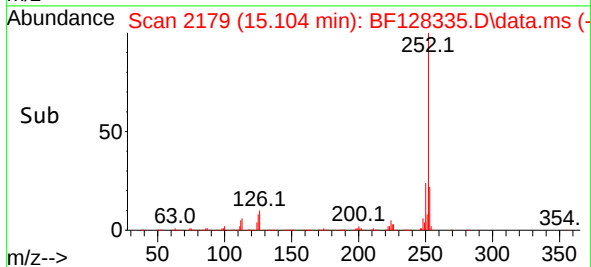
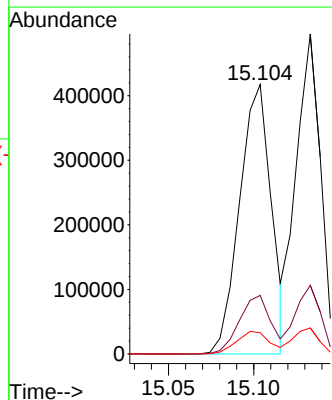
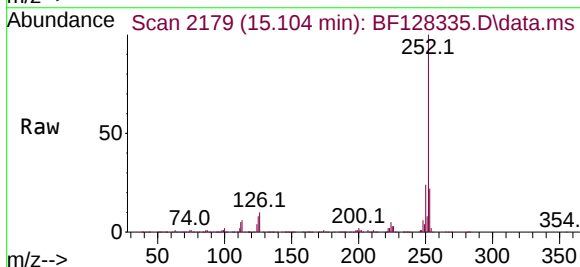
Instrument :
 BNA_F
 ClientSampleId :
 PB144922BS

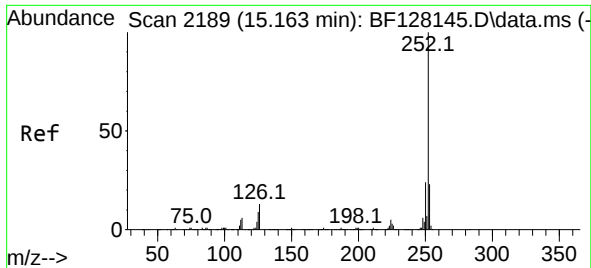
Tgt Ion:276 Resp: 655639
 Ion Ratio Lower Upper
 276 100
 138 21.0 19.0 28.4
 277 25.4 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 50.901 ng
 RT: 15.104 min Scan# 2179
 Delta R.T. 0.000 min
 Lab File: BF128335.D
 Acq: 19 May 2022 14:29

Tgt Ion:252 Resp: 539707
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.2
 125 7.9 7.4 11.2

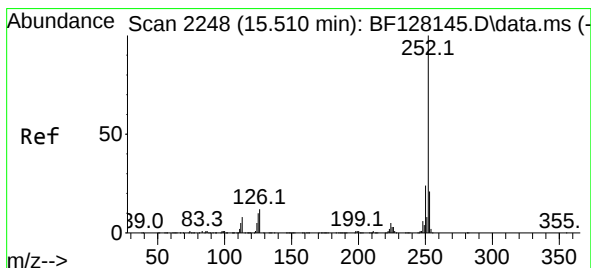
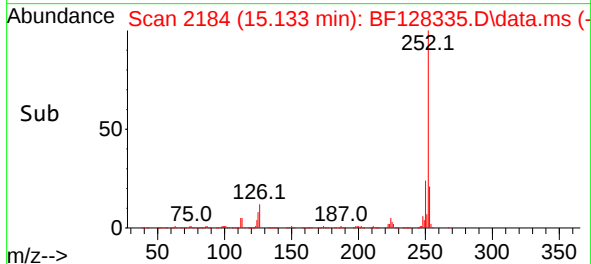
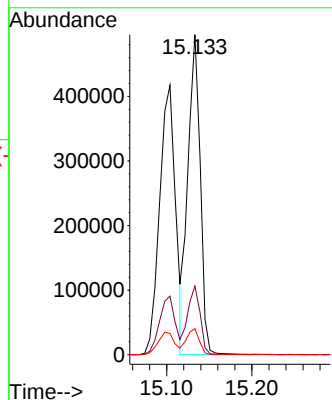
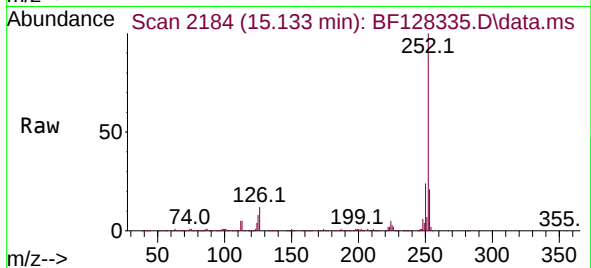




#89
Benzo(k)fluoranthene
Concen: 47.793 ng
RT: 15.133 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

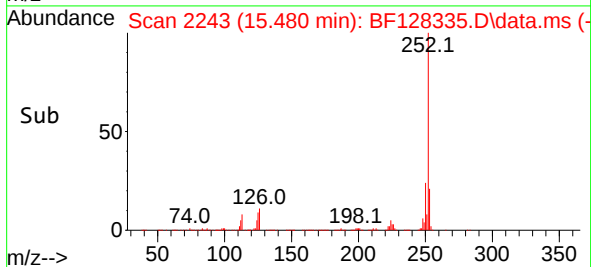
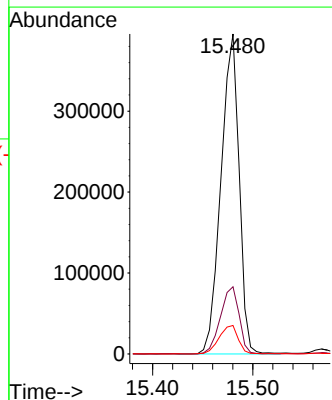
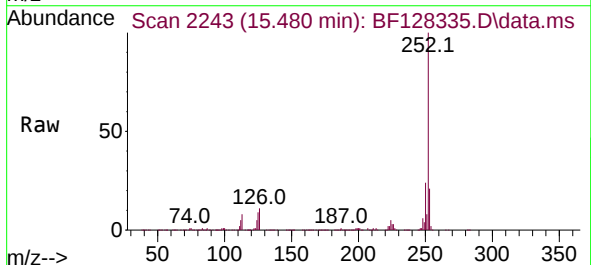
Instrument :
BNA_F
ClientSampleId :
PB144922BS

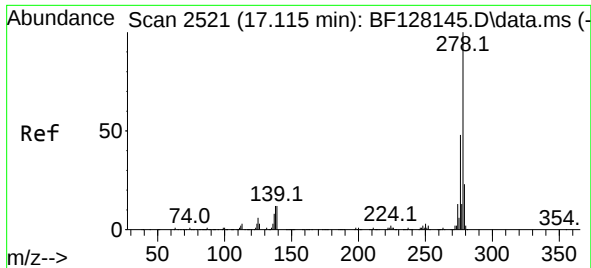
Tgt Ion:252 Resp: 500230
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 8.1 6.8 10.2



#90
Benzo(a)pyrene
Concen: 57.949 ng
RT: 15.480 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:252 Resp: 496050
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.6
125 8.9 9.2 13.8#

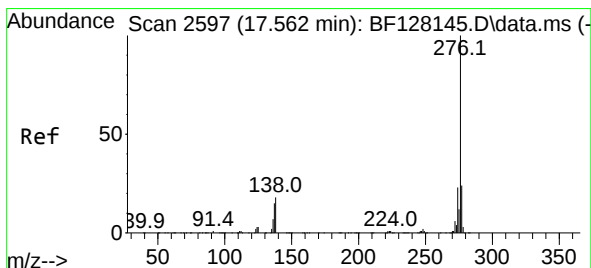
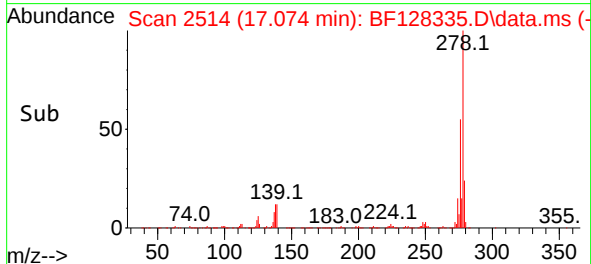
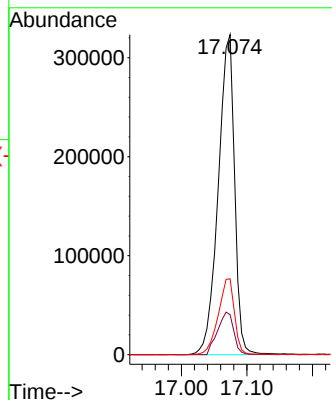
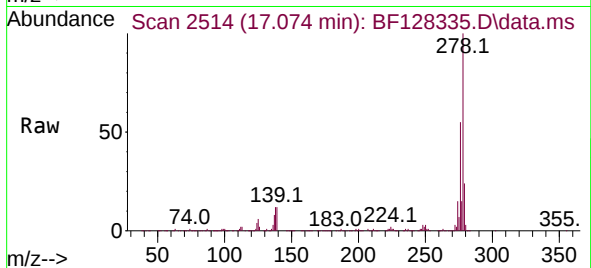




#91
Dibenzo(a,h)anthracene
Concen: 66.763 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB144922BS

Tgt Ion:278 Resp: 559257
Ion Ratio Lower Upper
278 100
139 12.5 12.6 19.0#
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 68.918 ng
RT: 17.521 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BF128335.D
Acq: 19 May 2022 14:29

Tgt Ion:276 Resp: 584536
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 17.9 16.2 24.2

