

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128153.D
 Acq On : 09 May 2022 17:15
 Operator : CG\JU
 Sample : PB144686BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144686BSD

Quant Time: May 10 02:24:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	100129	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	389859	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	226442	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	415561	20.000	ng	0.00
76) Chrysene-d12	14.080	240	306967	20.000	ng	0.00
86) Perylene-d12	15.574	264	247739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	580851	92.476	ng	0.01
7) Phenol-d6	6.528	99	747883	90.023	ng	0.00
23) Nitrobenzene-d5	7.463	82	773964	89.329	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	233988	90.099	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1267926	87.612	ng	0.00
79) Terphenyl-d14	13.016	244	1544661	94.421	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	108525	38.841	ng	98
3) Pyridine	3.569	79	297482	40.132	ng	97
4) n-Nitrosodimethylamine	3.552	42	183744	49.725	ng	95
6) Aniline	6.557	93	365899	39.000	ng	97
8) 2-Chlorophenol	6.681	128	324567	50.734	ng	99
9) Benzaldehyde	6.451	77	203511	61.279	ng	95
10) Phenol	6.540	94	421571	48.120	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	323766	49.346	ng	97
12) 1,3-Dichlorobenzene	6.834	146	341303	47.399	ng	95
13) 1,4-Dichlorobenzene	6.910	146	346190	47.580	ng	97
14) 1,2-Dichlorobenzene	7.063	146	331838	48.398	ng	99
15) Benzyl Alcohol	7.040	79	321094	48.908	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	469282	48.233	ng	100
17) 2-Methylphenol	7.145	107	267308	49.250	ng	96
18) Hexachloroethane	7.404	117	133478	48.558	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	252339	49.323	ng	99
20) 3+4-Methylphenols	7.298	107	317889	47.303	ng	88
22) Acetophenone	7.304	105	453149	46.678	ng	# 85
24) Nitrobenzene	7.481	77	388145	48.540	ng	98
25) Isophorone	7.716	82	710530	52.309	ng	99
26) 2-Nitrophenol	7.792	139	173584	49.436	ng	97
27) 2,4-Dimethylphenol	7.828	122	301399	55.689	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	408853	47.617	ng	99
29) 2,4-Dichlorophenol	8.034	162	278210	48.896	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	304215	46.651	ng	99
31) Naphthalene	8.198	128	912429	47.389	ng	100
32) Benzoic acid	7.969	122	187076	46.221	ng	92
33) 4-Chloroaniline	8.251	127	212484	27.800	ng	99
34) Hexachlorobutadiene	8.310	225	202621	46.273	ng	97
35) Caprolactam	8.634	113	45148	24.308	ng	95
36) 4-Chloro-3-methylphenol	8.734	107	313249	49.272	ng	95
37) 2-Methylnaphthalene	8.892	142	623299	48.016	ng	98
38) 1-Methylnaphthalene	8.992	142	591566	47.448	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	304140	45.533	ng	98
41) Hexachlorocyclopentadiene	9.039	237	351473	112.880	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	202061	46.954	ng	98

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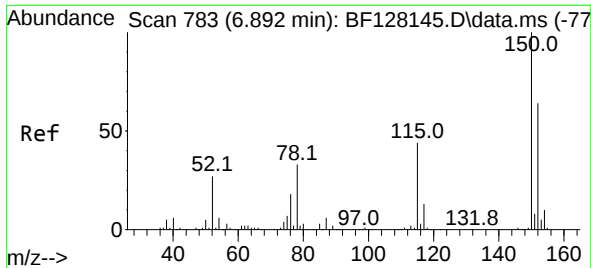
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	213514	46.532	ng	96
46) 1,1'-Biphenyl	9.357	154	772299	46.849	ng	98
47) 2-Chloronaphthalene	9.386	162	567354	46.435	ng	99
48) 2-Nitroaniline	9.486	65	212410	48.489	ng	99
49) Acenaphthylene	9.804	152	920363	49.802	ng	99
50) Dimethylphthalate	9.663	163	696869	47.689	ng	99
51) 2,6-Dinitrotoluene	9.728	165	159184	49.660	ng	94
52) Acenaphthene	9.975	154	550729	42.980	ng	99
53) 3-Nitroaniline	9.898	138	107898	31.049	ng	100
54) 2,4-Dinitrophenol	10.010	184	172054	97.023	ng	# 80
55) Dibenzofuran	10.145	168	822158	45.191	ng	97
56) 4-Nitrophenol	10.069	139	226790	93.397	ng	86
57) 2,4-Dinitrotoluene	10.134	165	213885	49.900	ng	# 75
58) Fluorene	10.492	166	647499	45.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	181302	46.235	ng	98
60) Diethylphthalate	10.363	149	688770	47.243	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	320015	45.283	ng	100
62) 4-Nitroaniline	10.522	138	161324	45.793	ng	93
63) Azobenzene	10.639	77	738864	46.281	ng	98
65) 4,6-Dinitro-2-methylph...	10.545	198	119854	46.083	ng	96
66) n-Nitrosodiphenylamine	10.604	169	580601	47.939	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	211481	47.302	ng	98
68) Hexachlorobenzene	11.033	284	234812	48.013	ng	100
69) Atrazine	11.128	200	209335	51.239	ng	97
70) Pentachlorophenol	11.233	266	242778	102.285	ng	96
71) Phenanthrene	11.457	178	976776	47.205	ng	99
72) Anthracene	11.510	178	988367	47.841	ng	99
73) Carbazole	11.663	167	900616	45.843	ng	99
74) Di-n-butylphthalate	11.980	149	1061165	46.920	ng	99
75) Fluoranthene	12.645	202	1064938	47.470	ng	98
77) Benzidine	12.769	184	450946	67.828	ng	99
78) Pyrene	12.880	202	1072229	48.173	ng	100
80) Butylbenzylphthalate	13.486	149	445046	48.096	ng	98
81) Benzo(a)anthracene	14.069	228	949437	48.424	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	202131	45.944	ng	99
83) Chrysene	14.110	228	858152	45.871	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	612670	49.003	ng	99
85) Di-n-octyl phthalate	14.657	149	993126	49.727	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	691316	46.130	ng	97
88) Benzo(b)fluoranthene	15.133	252	836534	54.472	ng	99
89) Benzo(k)fluoranthene	15.168	252	716524	47.266	ng	98
90) Benzo(a)pyrene	15.516	252	717057	57.835	ng	# 97
91) Dibenzo(a,h)anthracene	17.121	278	595112	49.051	ng	# 97
92) Benzo(g,h,i)perylene	17.568	276	597579	48.645	ng	97

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

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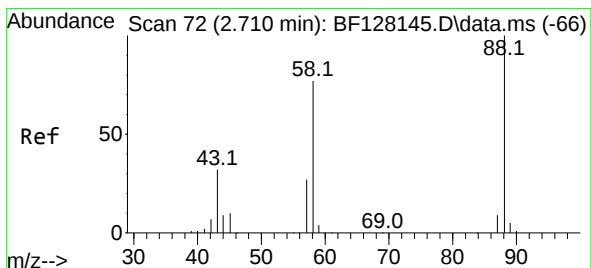
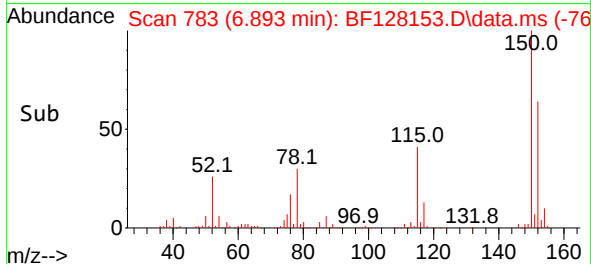
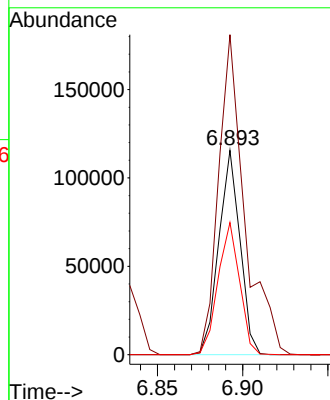
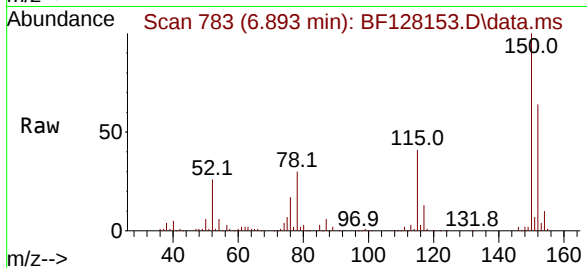




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF128153.D
 Acq: 09 May 2022 17:15

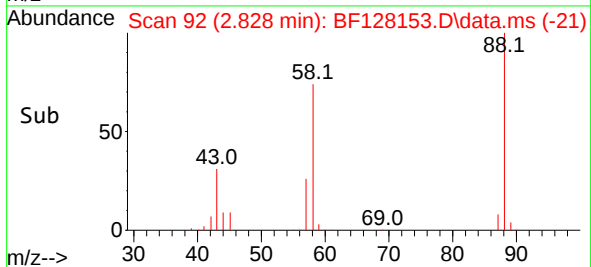
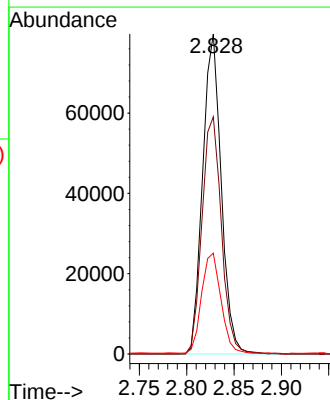
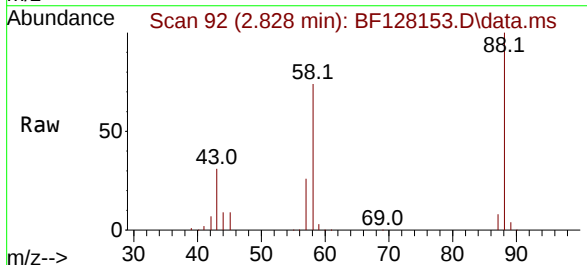
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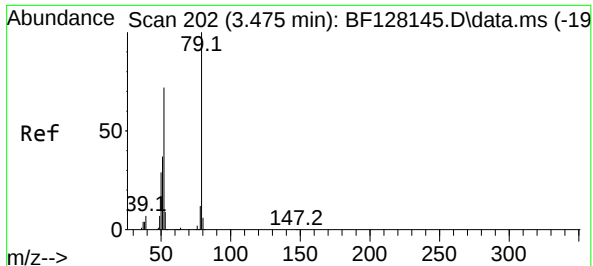
Tgt Ion:152 Resp: 100129
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.3 187.9
 115 64.7 48.8 73.2



#2
 1,4-Dioxane
 Concen: 38.841 ng
 RT: 2.828 min Scan# 92
 Delta R.T. 0.118 min
 Lab File: BF128153.D
 Acq: 09 May 2022 17:15

Tgt Ion: 88 Resp: 108525
 Ion Ratio Lower Upper
 88 100
 58 77.4 61.0 91.4
 43 33.5 24.9 37.3

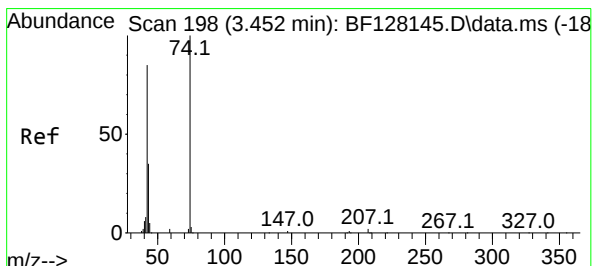
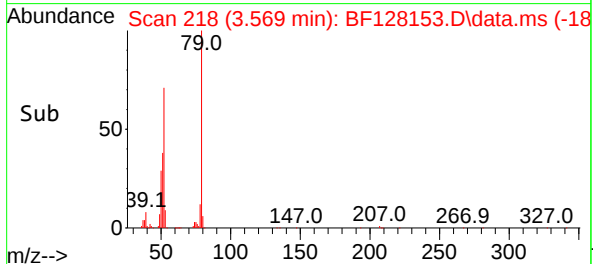
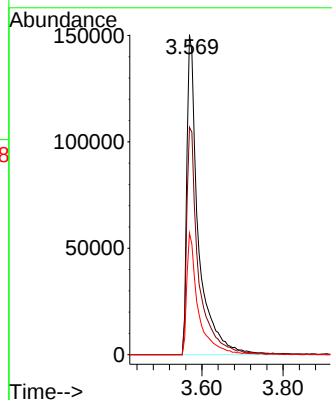
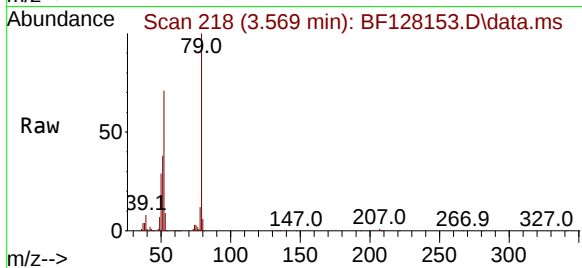




#3
 Pyridine
 Concen: 40.132 ng
 RT: 3.569 min Scan# 21
 Delta R.T. 0.094 min
 Lab File: BF128153.D
 Acq: 09 May 2022 17:15

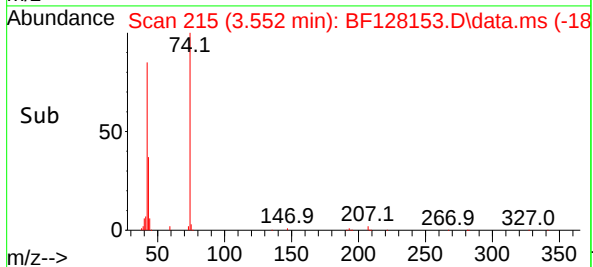
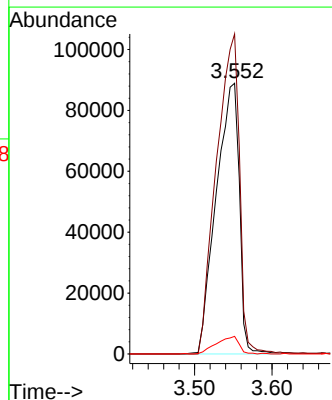
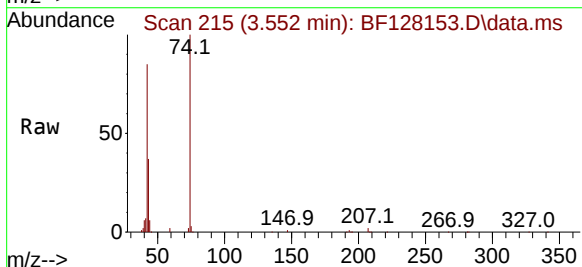
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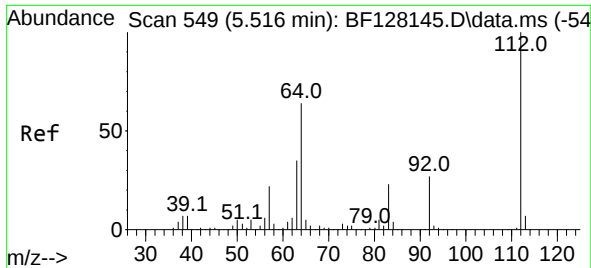
Tgt Ion: 79 Resp: 297482
 Ion Ratio Lower Upper
 79 100
 52 71.1 58.3 87.5
 51 38.0 28.6 42.8



#4
 n-Nitrosodimethylamine
 Concen: 49.725 ng
 RT: 3.552 min Scan# 215
 Delta R.T. 0.100 min
 Lab File: BF128153.D
 Acq: 09 May 2022 17:15

Tgt Ion: 42 Resp: 183744
 Ion Ratio Lower Upper
 42 100
 74 118.2 99.0 148.4
 44 6.5 5.2 7.8

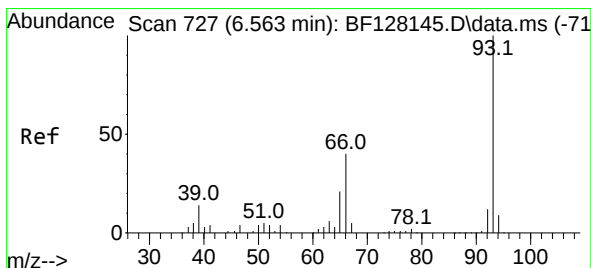
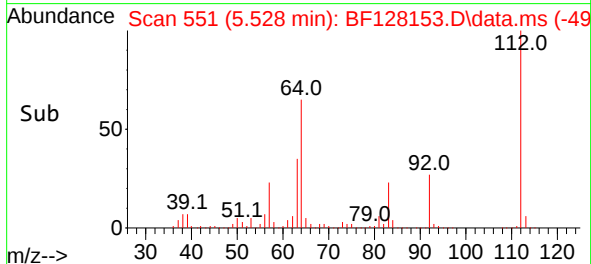
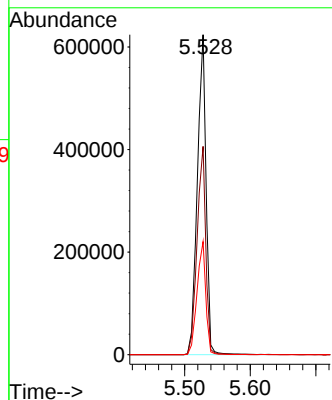
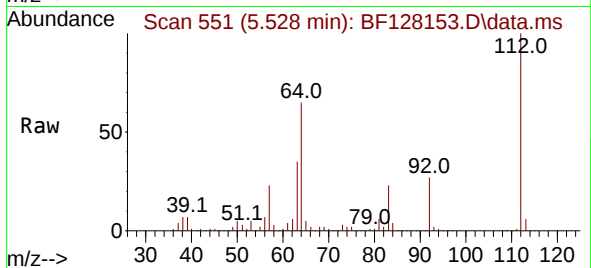




#5
2-Fluorophenol
Concen: 92.476 ng
RT: 5.528 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

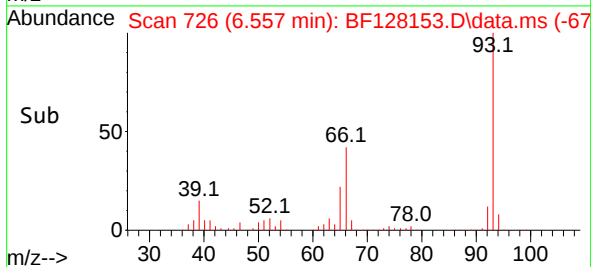
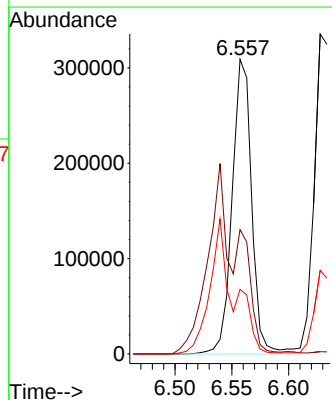
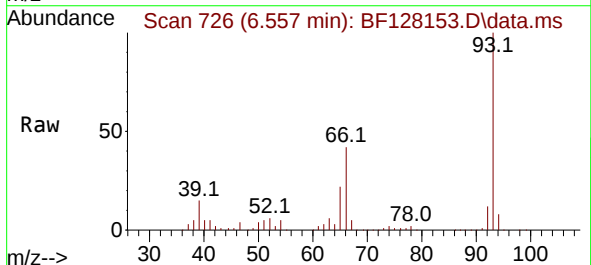
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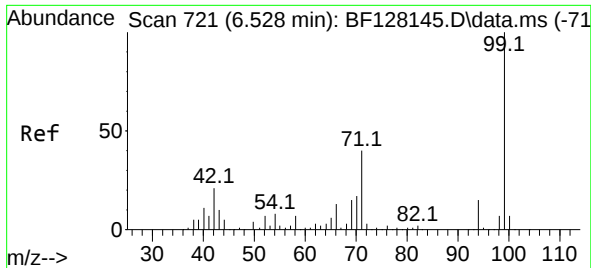
Tgt Ion:112 Resp: 580851
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 35.4 26.3 39.5



#6
Aniline
Concen: 39.000 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion: 93 Resp: 365899
Ion Ratio Lower Upper
93 100
66 42.2 32.2 48.4
65 21.9 16.7 25.1

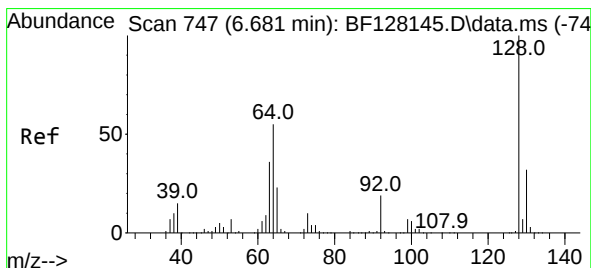
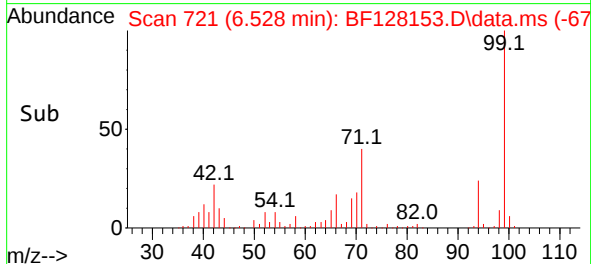
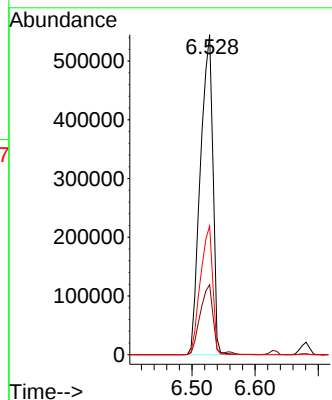
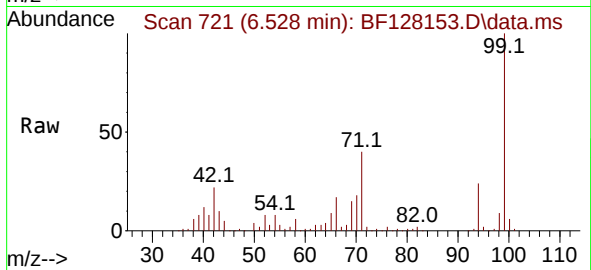




#7
Phenol-d6
Concen: 90.023 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

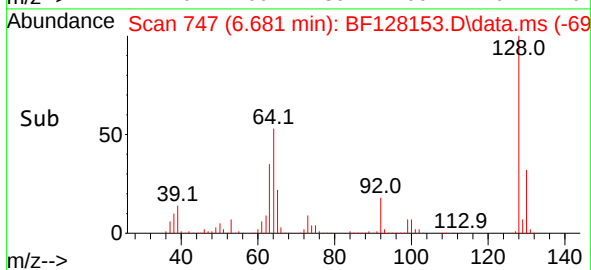
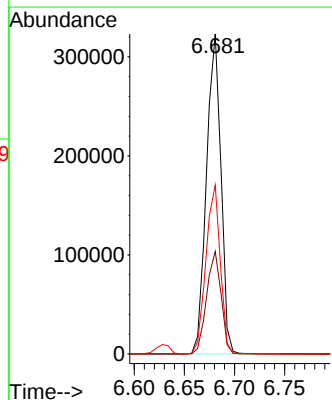
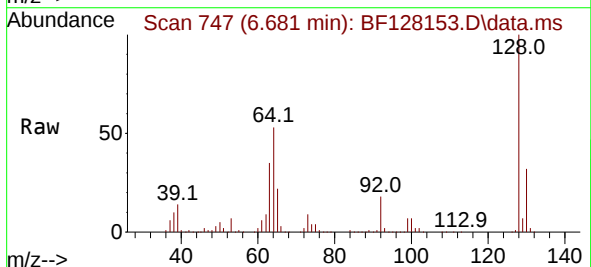
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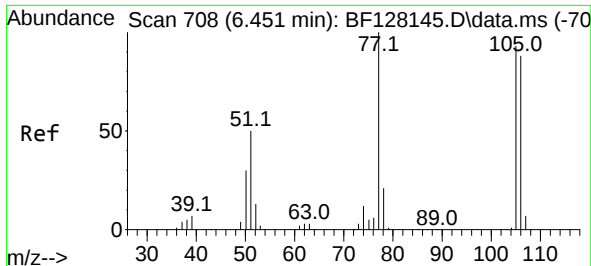
Tgt Ion: 99 Resp: 747883
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 40.3 30.0 45.0



#8
2-Chlorophenol
Concen: 50.734 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:128 Resp: 324567
Ion Ratio Lower Upper
128 100
130 32.1 11.6 51.6
64 52.7 33.8 73.8

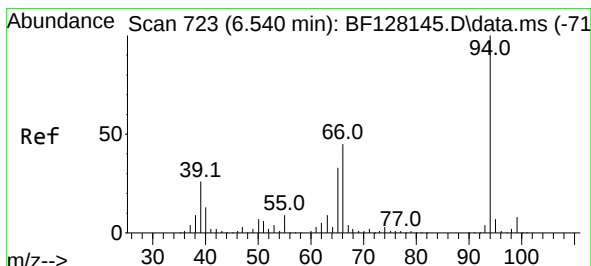
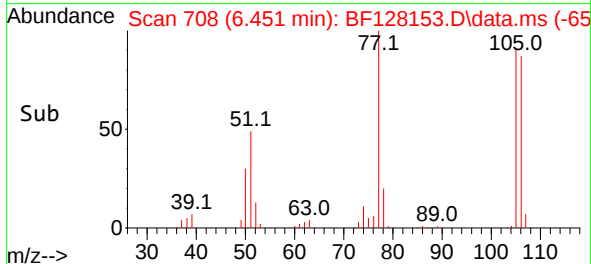
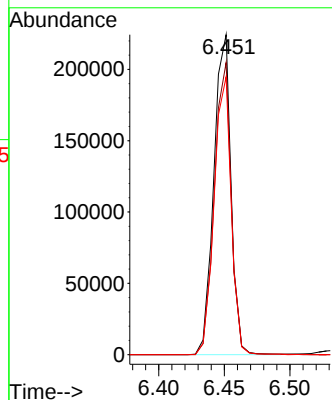
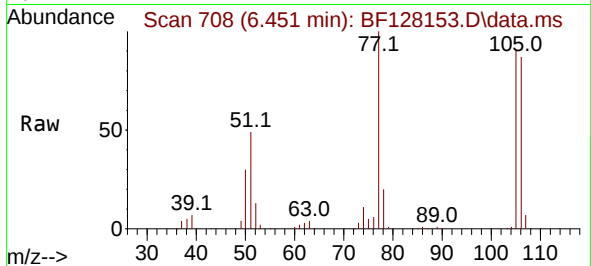




#9
Benzaldehyde
Concen: 61.279 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

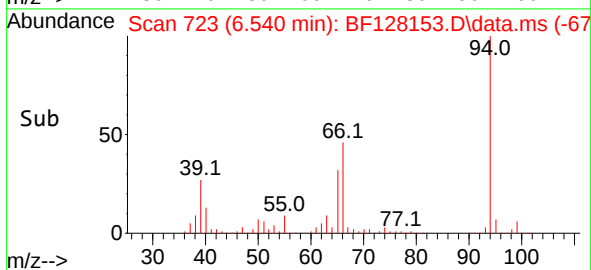
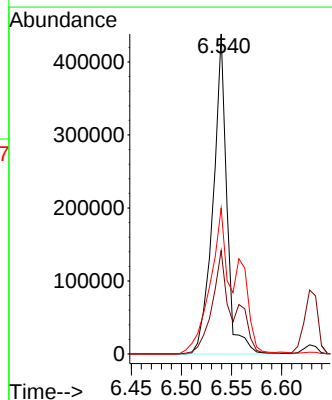
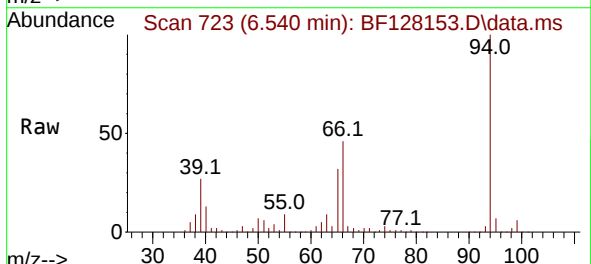
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ClientSampleId :
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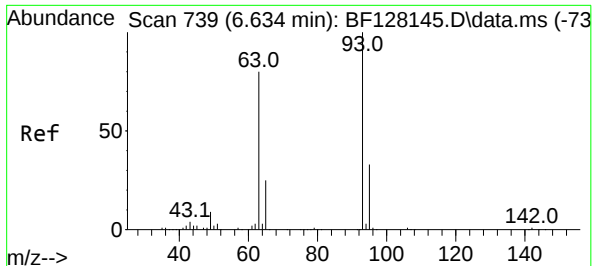
Tgt Ion: 77 Resp: 203511
Ion Ratio Lower Upper
77 100
105 91.3 74.9 114.9
106 86.9 72.2 112.2



#10
Phenol
Concen: 48.120 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion: 94 Resp: 421571
Ion Ratio Lower Upper
94 100
65 32.3 10.6 50.6
66 45.6 22.6 62.6

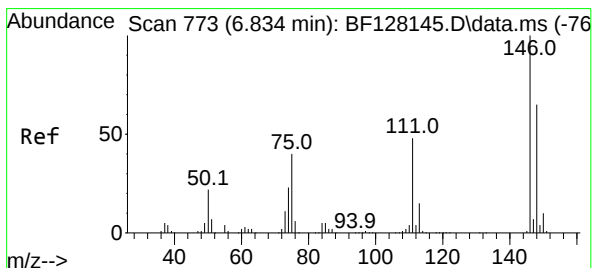
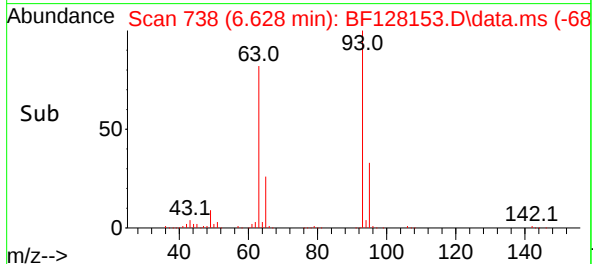
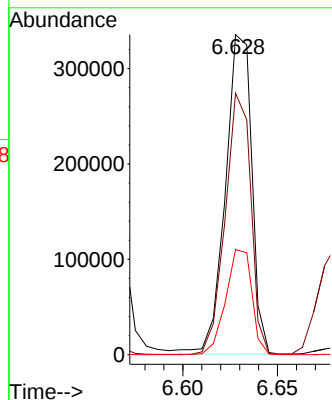
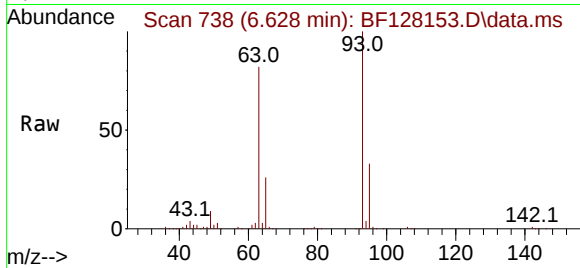




#11
bis(2-Chloroethyl)ether
Concen: 49.346 ng
RT: 6.628 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

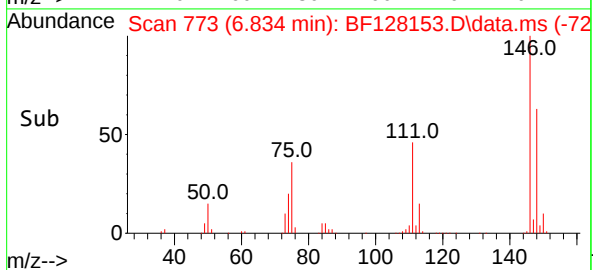
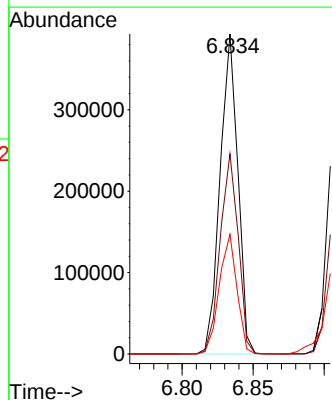
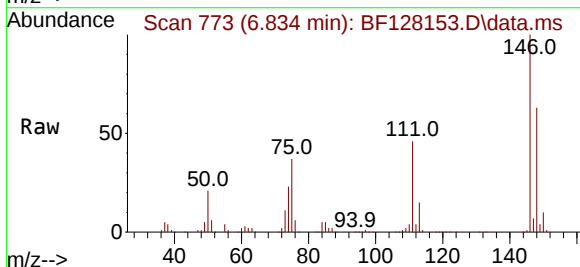
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

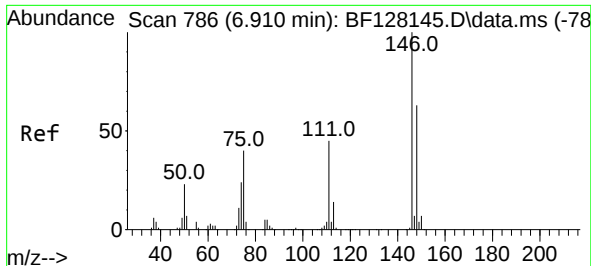
Tgt Ion: 93 Resp: 323766
Ion Ratio Lower Upper
93 100
63 81.8 58.6 98.6
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.399 ng
RT: 6.834 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:146 Resp: 341303
Ion Ratio Lower Upper
146 100
148 62.6 52.1 78.1
75 37.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 47.580 ng

RT: 6.910 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

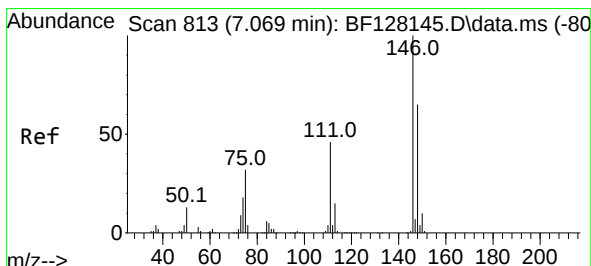
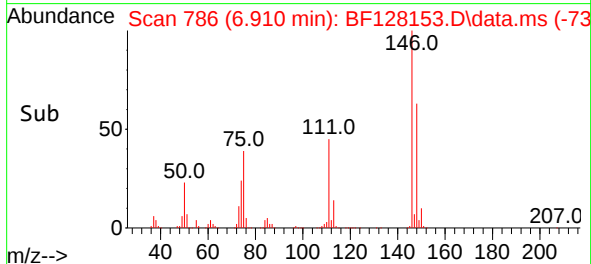
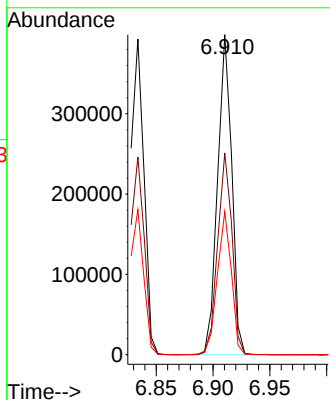
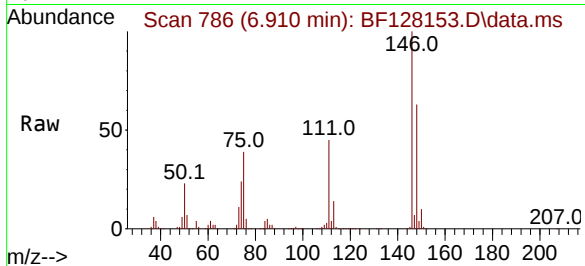
Tgt Ion:146 Resp: 346190

Ion Ratio Lower Upper

146 100

148 63.1 52.3 78.5

111 44.7 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 48.398 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

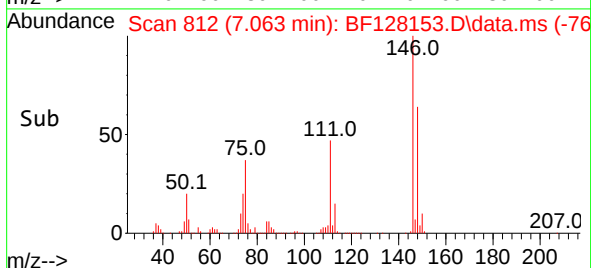
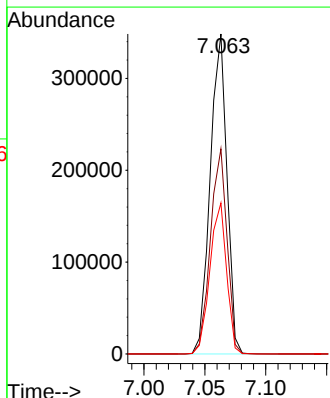
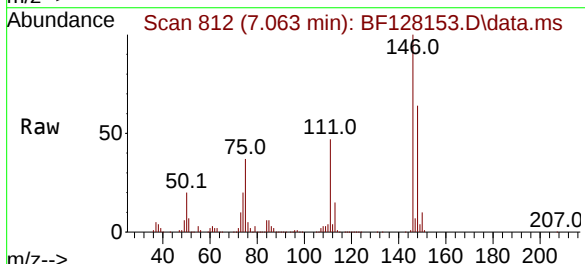
Tgt Ion:146 Resp: 331838

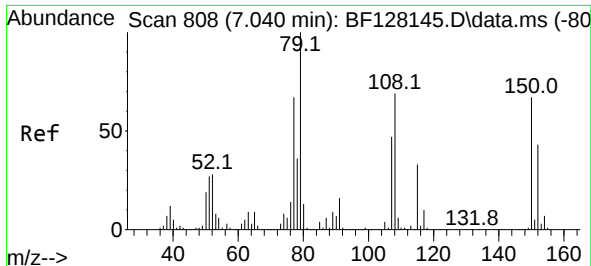
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 47.2 36.6 55.0

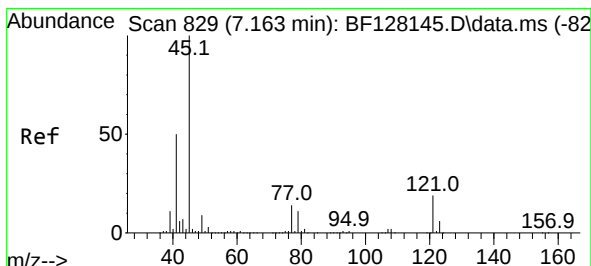
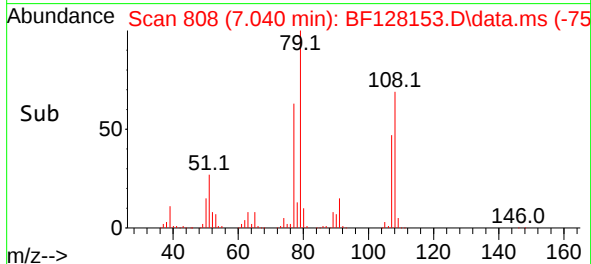
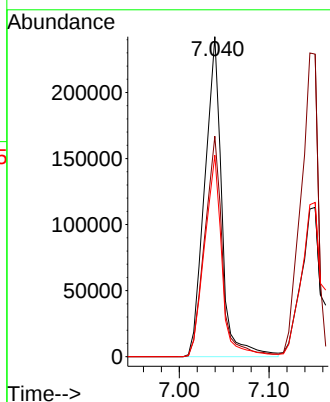
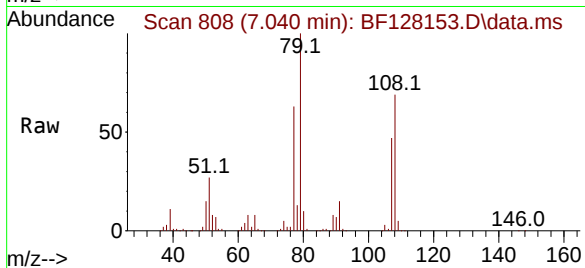




#15
Benzyl Alcohol
Concen: 48.908 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

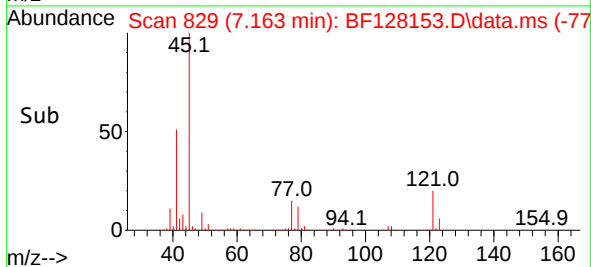
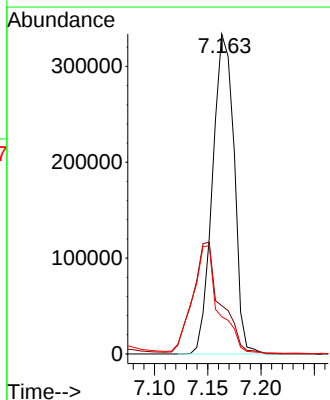
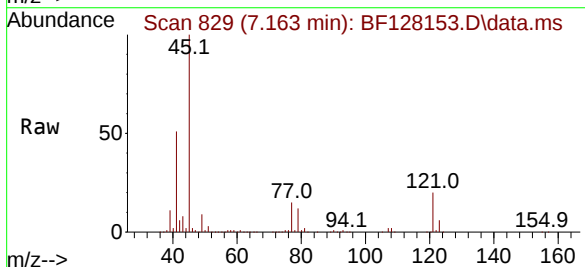
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

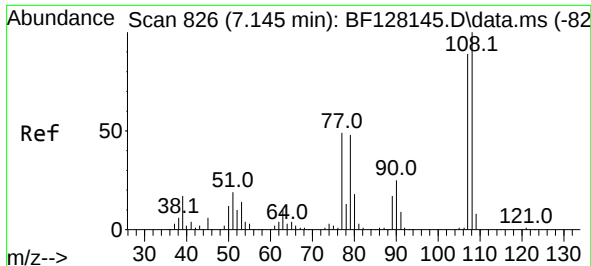
Tgt Ion: 79 Resp: 321094
Ion Ratio Lower Upper
79 100
108 68.9 57.0 85.6
77 63.0 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.233 ng
RT: 7.163 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion: 45 Resp: 469282
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.9
79 11.7 0.0 31.6

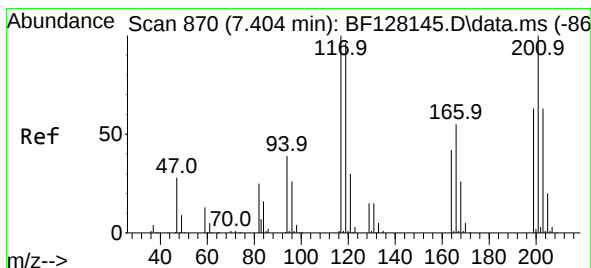
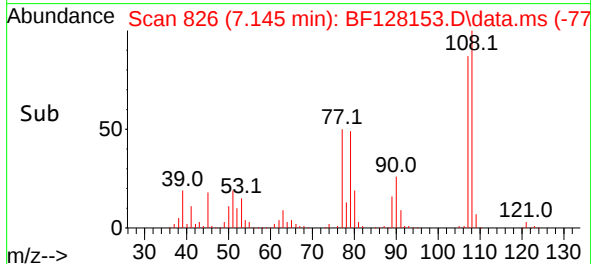
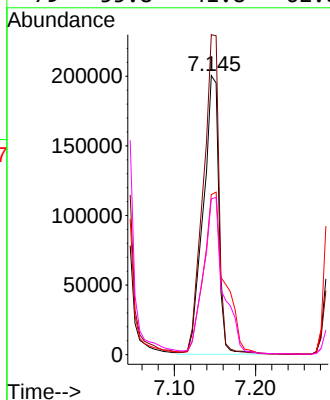
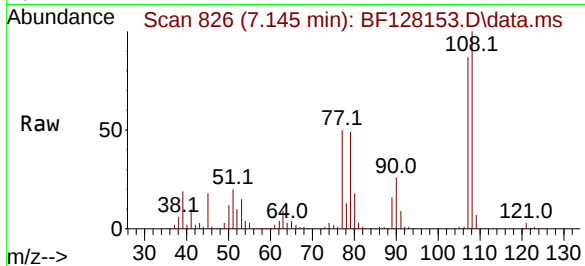




#17
2-Methylphenol
Concen: 49.250 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

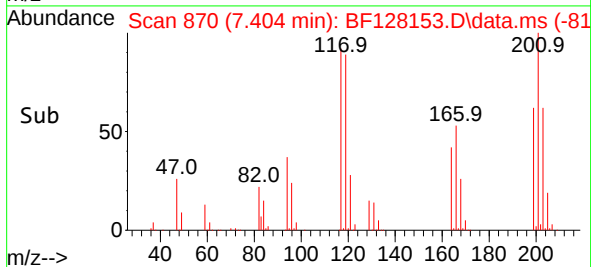
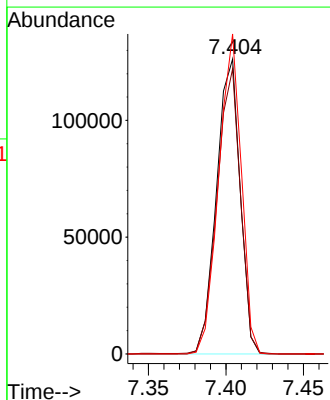
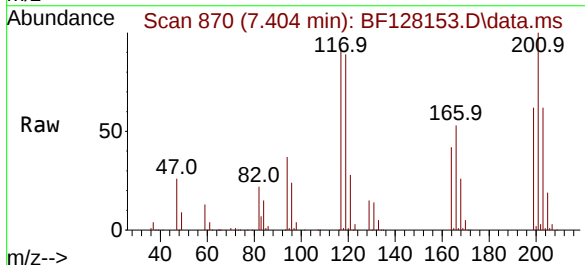
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

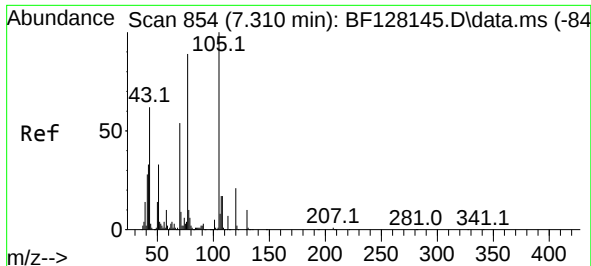
Tgt Ion:107 Resp: 267308
Ion Ratio Lower Upper
107 100
108 114.7 90.2 135.2
77 57.4 41.9 62.9
79 55.8 41.8 62.8



#18
Hexachloroethane
Concen: 48.558 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:117 Resp: 133478
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.4
201 108.5 84.4 126.6

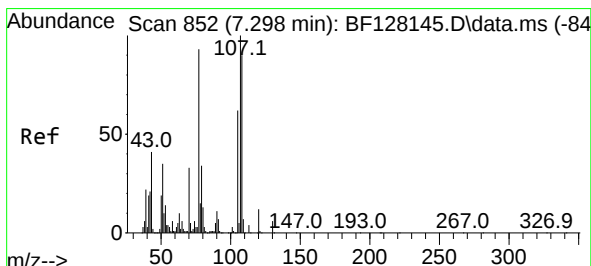
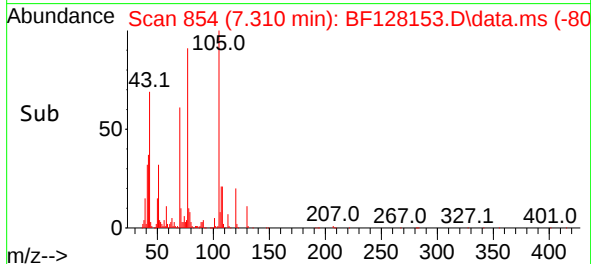
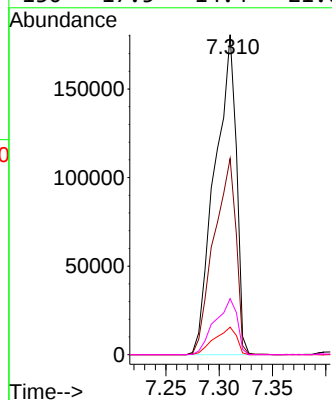
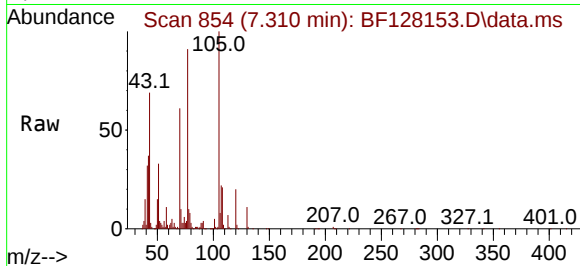




#19
n-Nitroso-di-n-propylamine
Concen: 49.323 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

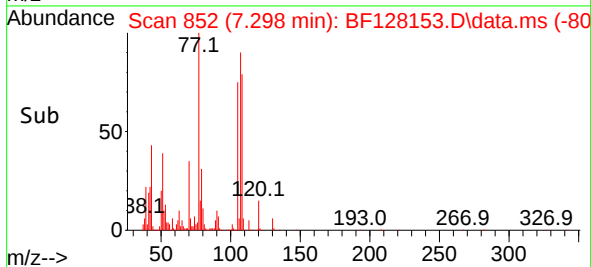
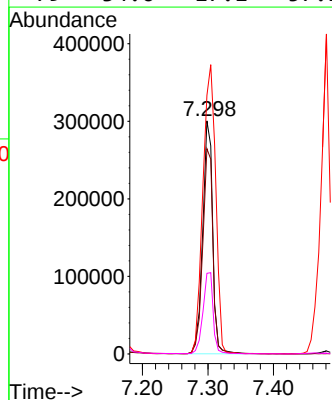
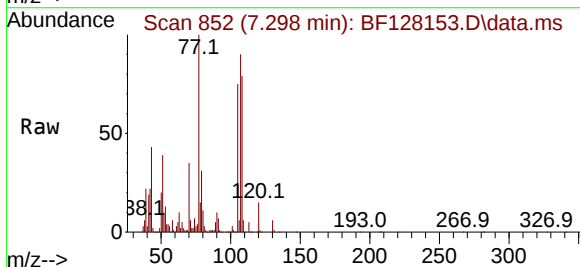
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

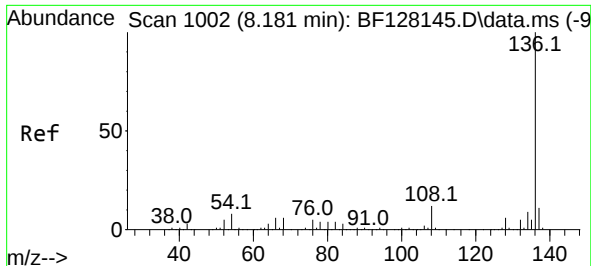
Tgt Ion: 70 Resp: 252339
Ion Ratio Lower Upper
70 100
42 61.3 48.7 73.1
101 8.6 7.2 10.8
130 17.5 14.4 21.6



#20
3+4-Methylphenols
Concen: 47.303 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion: 107 Resp: 317889
Ion Ratio Lower Upper
107 100
108 88.1 73.4 113.4
77 110.9 71.1 111.1
79 34.6 17.1 57.1

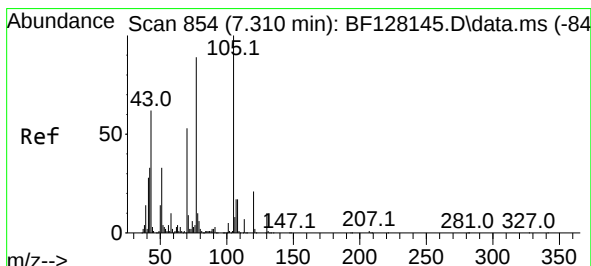
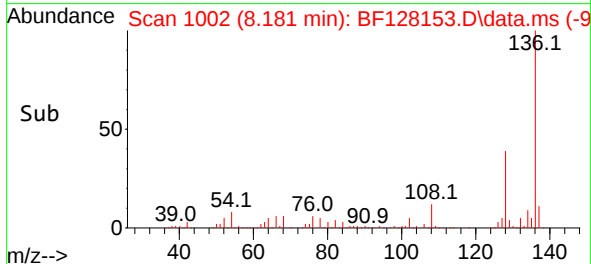
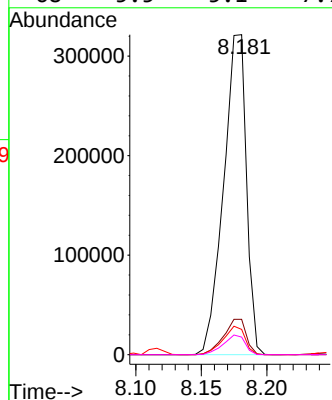
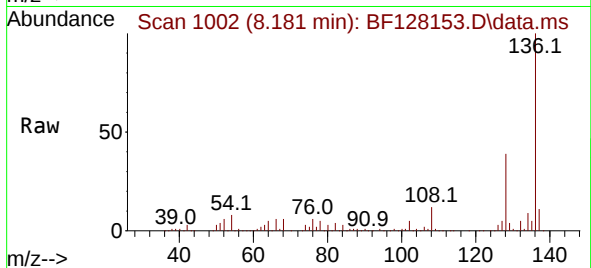




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

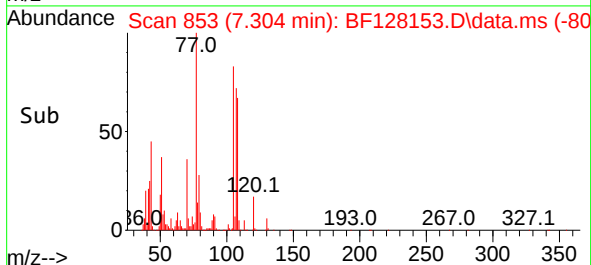
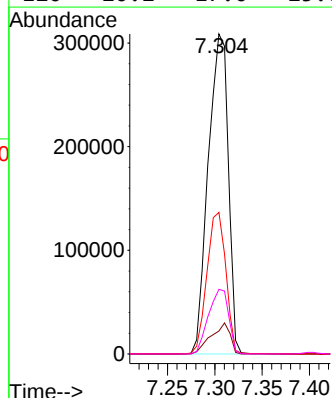
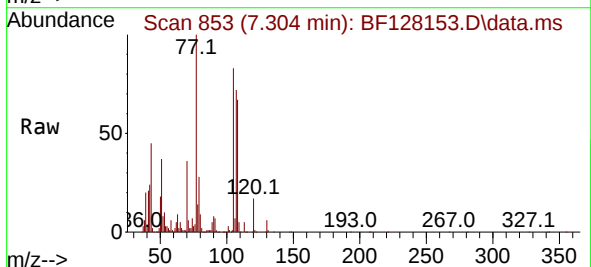
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

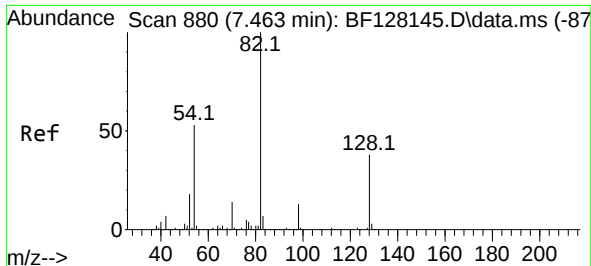
Tgt Ion:	136	Resp:	389859
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.9	6.8	10.2
68	5.5	5.1	7.7



#22
Acetophenone
Concen: 46.678 ng
RT: 7.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:	105	Resp:	453149
Ion	Ratio	Lower	Upper
105	100		
71	7.2	7.3	10.9#
51	44.3	23.7	35.5#
120	20.2	17.0	25.6





#23

Nitrobenzene-d5

Concen: 89.329 ng

RT: 7.463 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

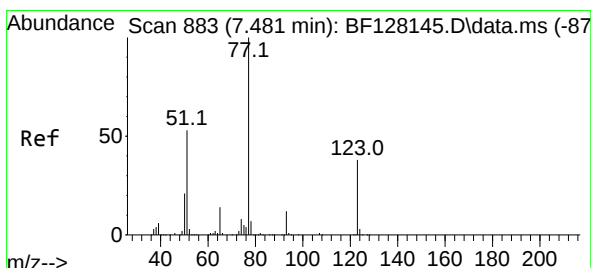
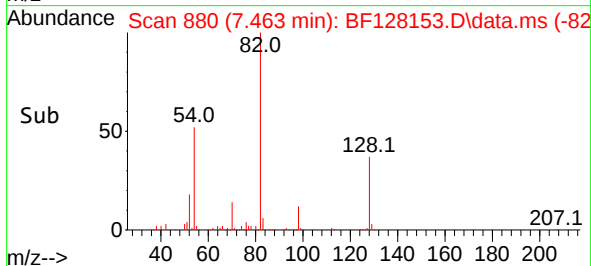
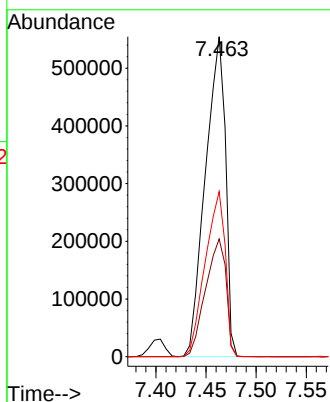
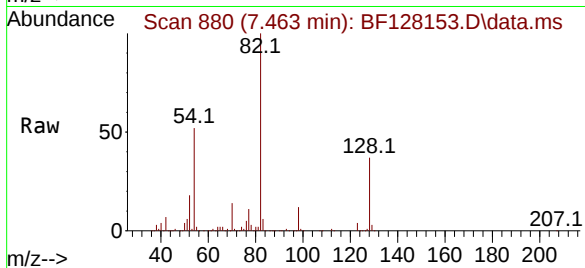
Tgt Ion: 82 Resp: 773964

Ion Ratio Lower Upper

82 100

128 36.8 30.0 45.0

54 51.6 41.3 61.9



#24

Nitrobenzene

Concen: 48.540 ng

RT: 7.481 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

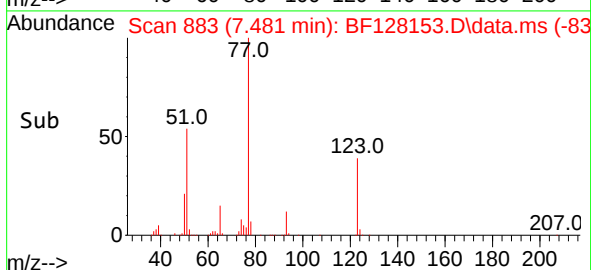
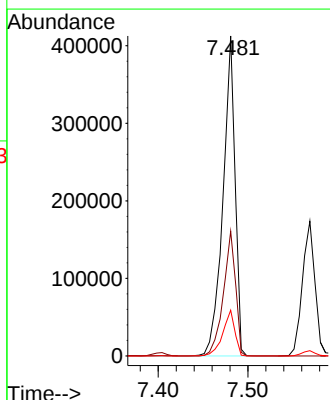
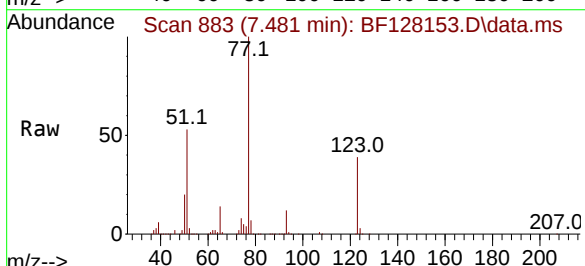
Tgt Ion: 77 Resp: 388145

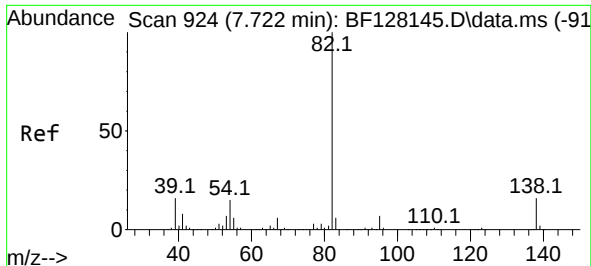
Ion Ratio Lower Upper

77 100

123 39.0 32.0 48.0

65 14.3 11.0 16.6

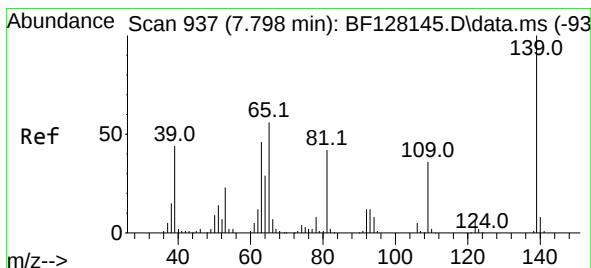
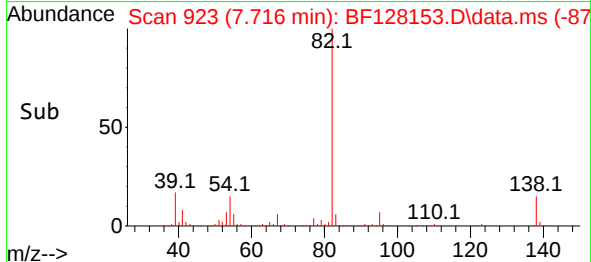
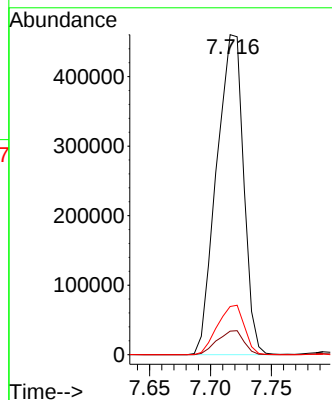
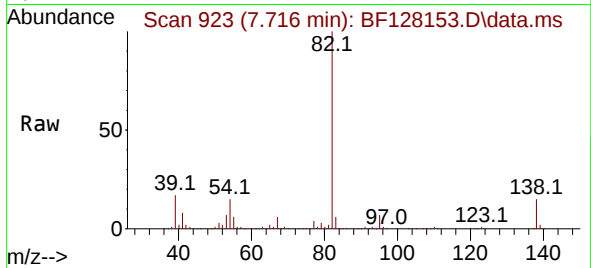




#25
Isophorone
Concen: 52.309 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

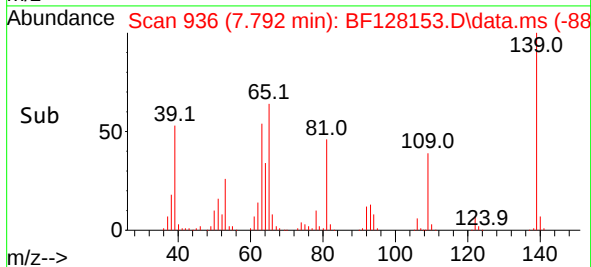
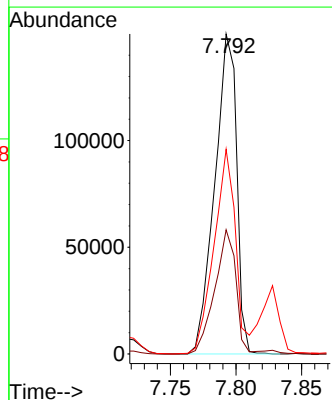
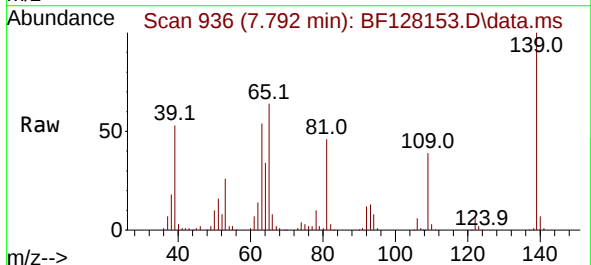
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

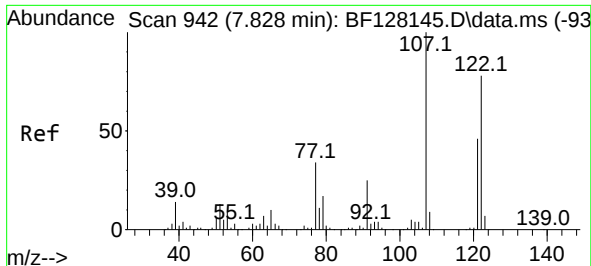
Tgt Ion: 82 Resp: 710530
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 15.0 12.5 18.7



#26
2-Nitrophenol
Concen: 49.436 ng
RT: 7.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:139 Resp: 173584
Ion Ratio Lower Upper
139 100
109 38.8 27.4 41.2
65 63.9 50.8 76.2

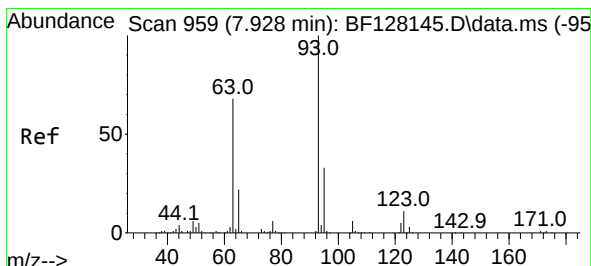
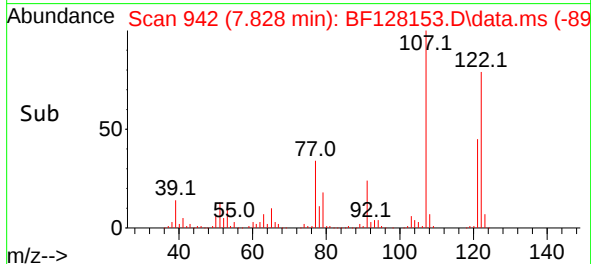
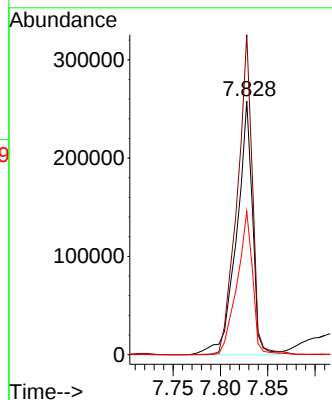
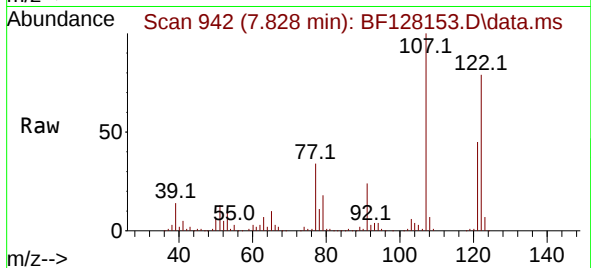




#27
2,4-Dimethylphenol
Concen: 55.689 ng
RT: 7.828 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

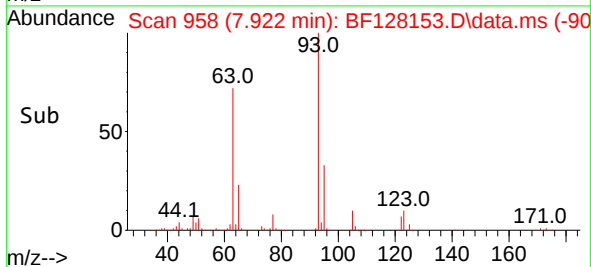
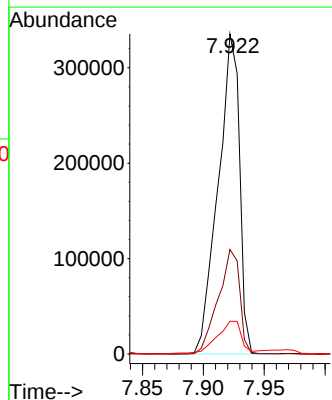
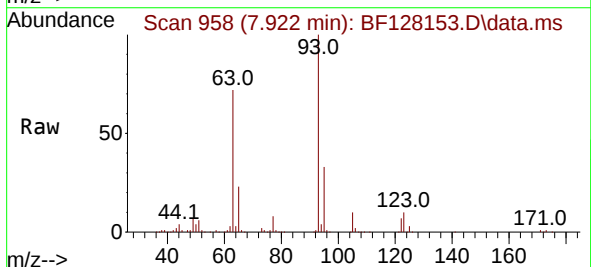
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

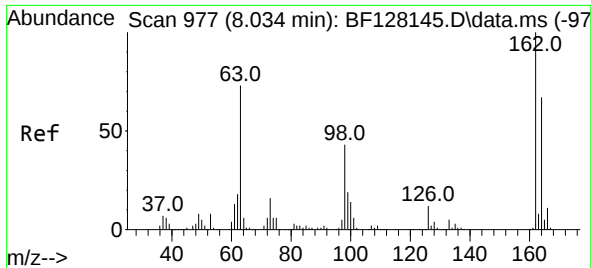
Tgt Ion:122 Resp: 301399
Ion Ratio Lower Upper
122 100
107 126.2 97.5 146.3
121 56.6 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.617 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion: 93 Resp: 408853
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 10.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 48.896 ng

RT: 8.034 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

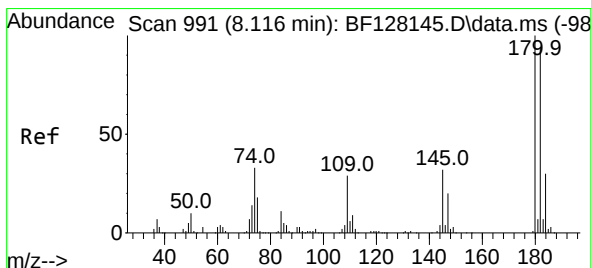
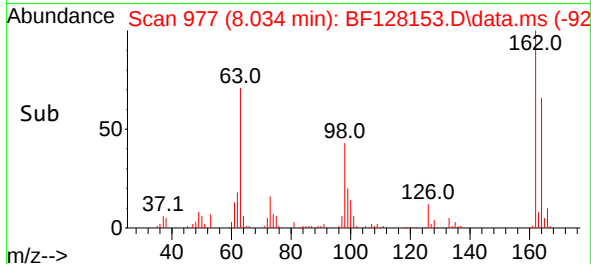
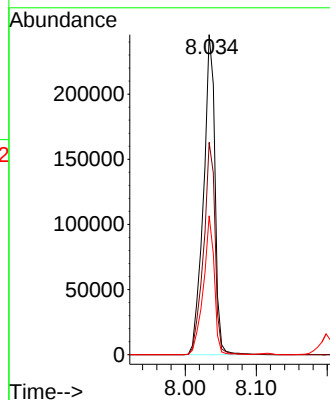
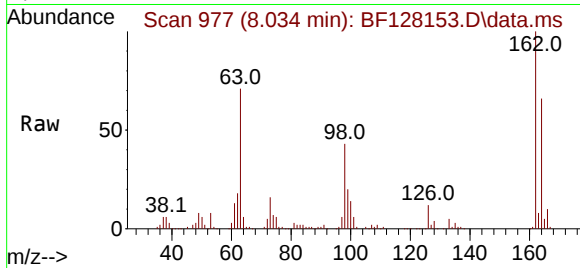
Tgt Ion:162 Resp: 278210

Ion Ratio Lower Upper

162 100

164 66.4 47.1 87.1

98 43.4 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 46.651 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

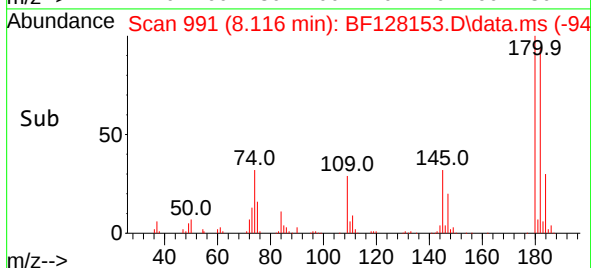
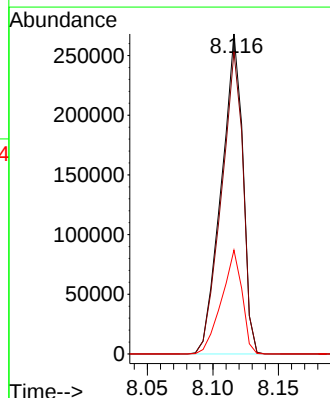
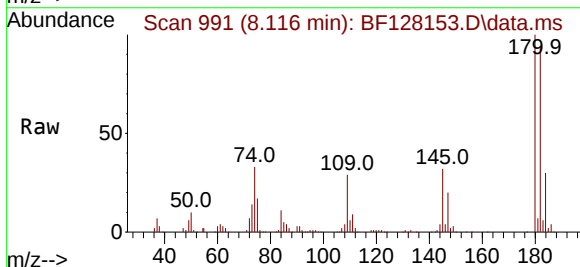
Tgt Ion:180 Resp: 304215

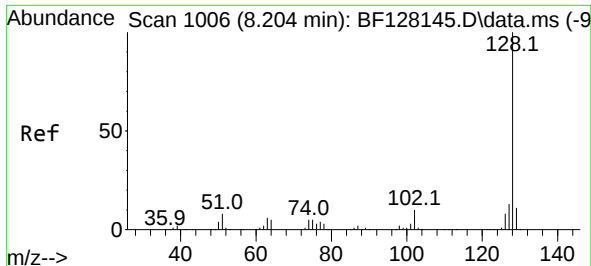
Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 32.5 25.1 37.7

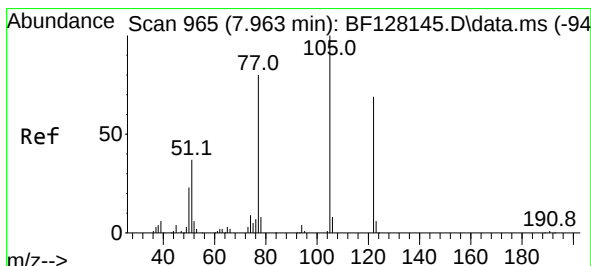
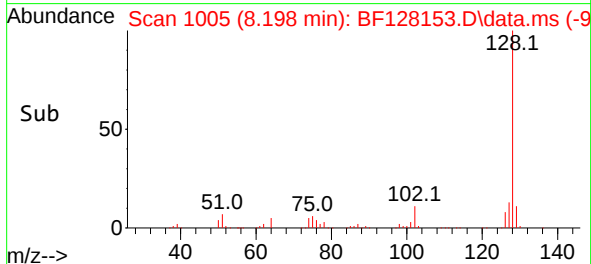
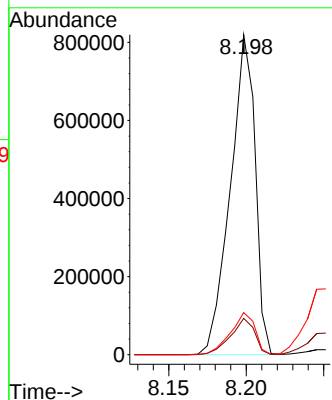
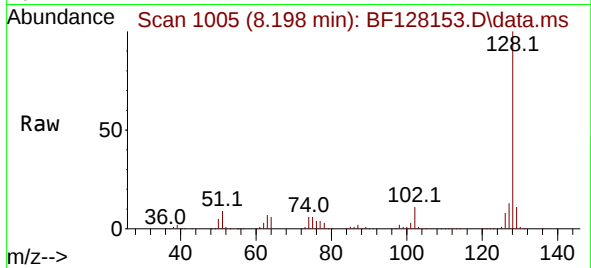




#31
Naphthalene
Concen: 47.389 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

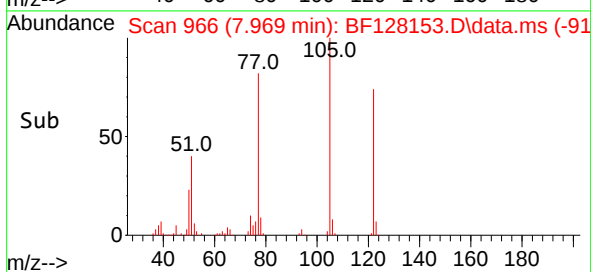
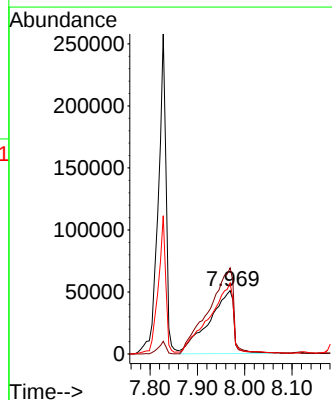
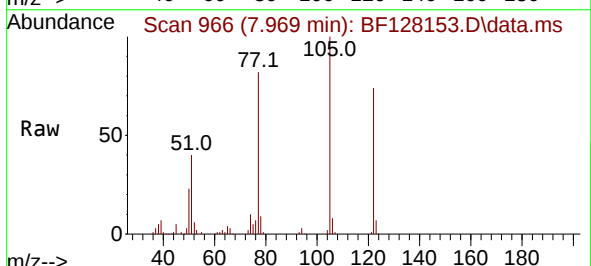
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

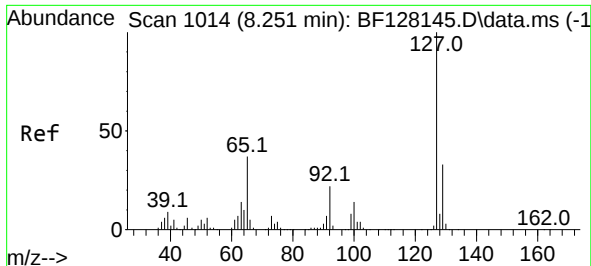
Tgt Ion:128 Resp: 912429
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 46.221 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:122 Resp: 187076
Ion Ratio Lower Upper
122 100
105 135.8 107.9 147.9
77 111.7 82.5 122.5

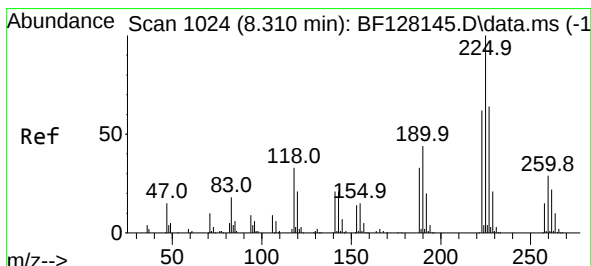
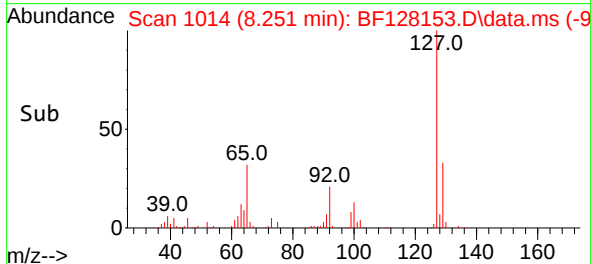
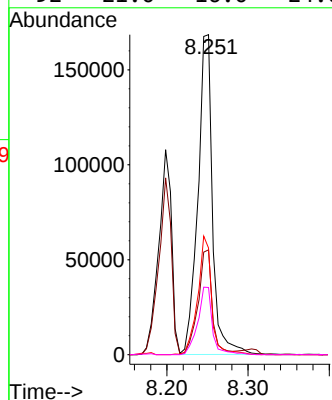
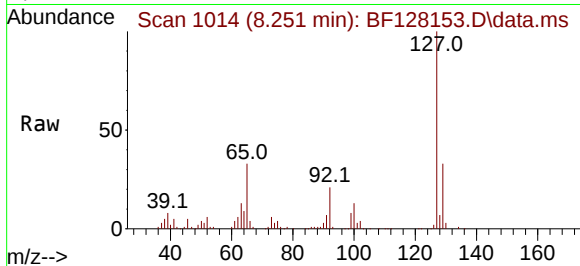




#33
4-Chloroaniline
Concen: 27.800 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

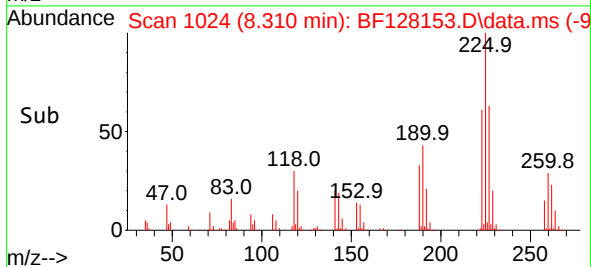
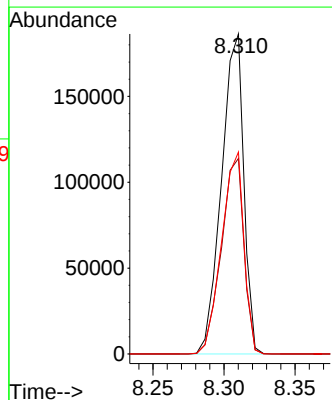
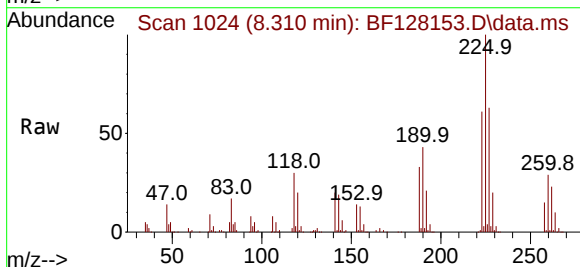
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

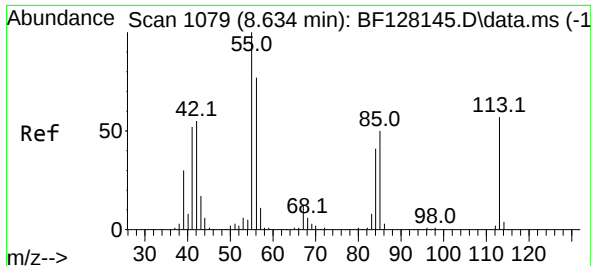
Tgt Ion:	127	Resp:	212484
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	33.4	26.7	40.1
92	21.0	16.0	24.0



#34
Hexachlorobutadiene
Concen: 46.273 ng
RT: 8.310 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:	225	Resp:	202621
Ion	Ratio	Lower	Upper
225	100		
223	61.1	52.0	78.0
227	63.1	50.7	76.1

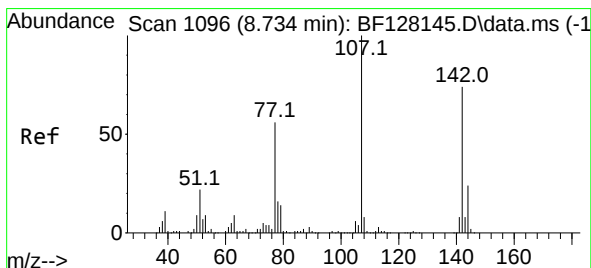
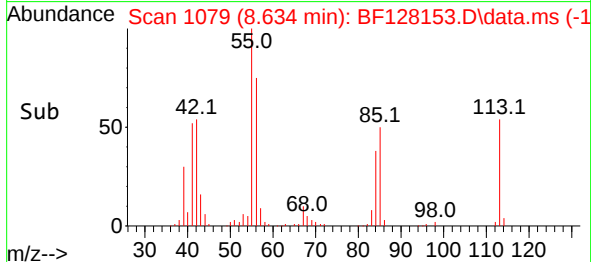
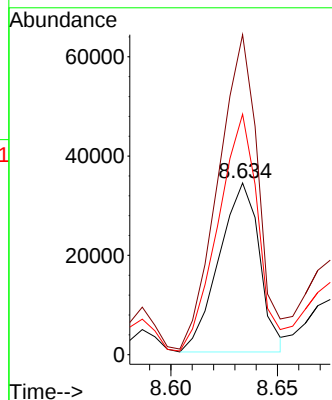
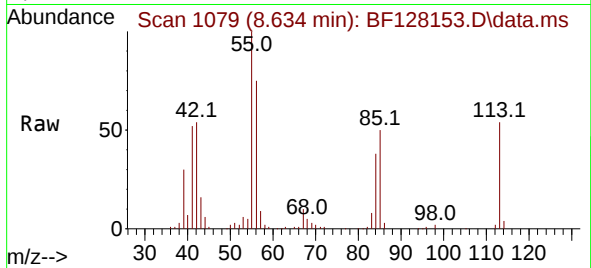




#35
 Caprolactam
 Concen: 24.308 ng
 RT: 8.634 min Scan# 1079
 Delta R.T. 0.000 min
 Lab File: BF128153.D
 Acq: 09 May 2022 17:15

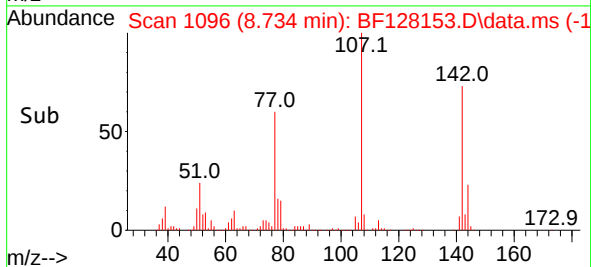
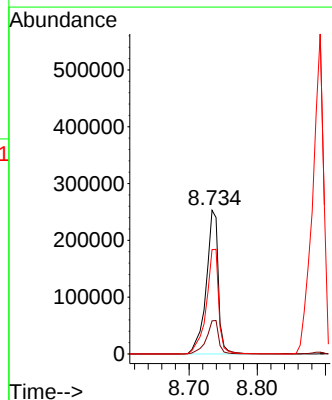
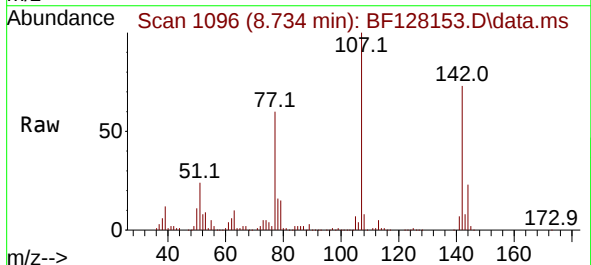
Instrument :
 BNA_F
 ClientSampleId :
 PB144686BSD

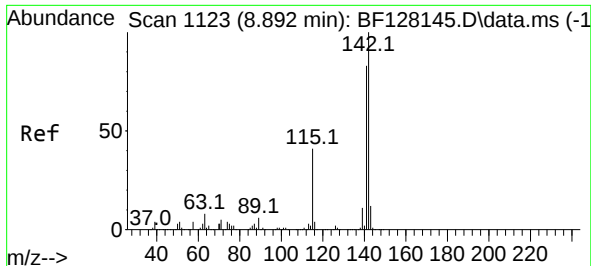
Tgt Ion:113 Resp: 45148
 Ion Ratio Lower Upper
 113 100
 55 186.3 157.4 197.4
 56 140.1 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.272 ng
 RT: 8.734 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BF128153.D
 Acq: 09 May 2022 17:15

Tgt Ion:107 Resp: 313249
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.2 30.4
 142 72.6 61.5 92.3





#37

2-Methylnaphthalene

Concen: 48.016 ng

RT: 8.892 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

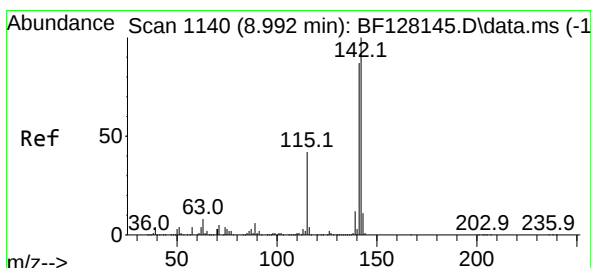
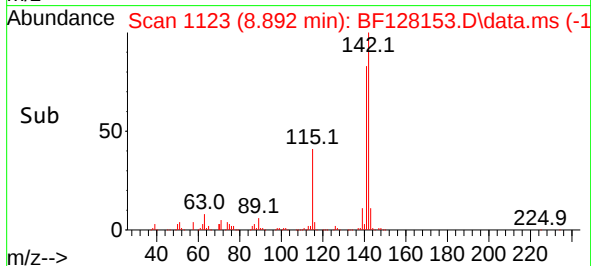
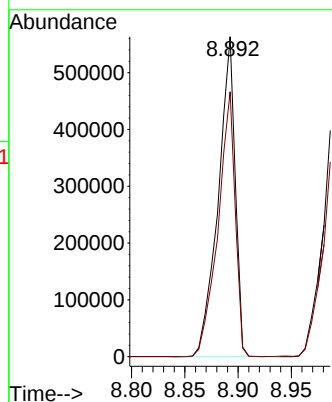
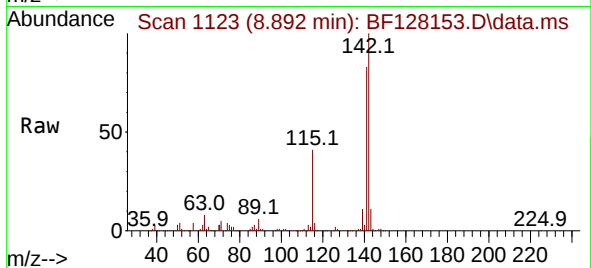
PB144686BSD

Tgt Ion:142 Resp: 623299

Ion Ratio Lower Upper

142 100

141 82.8 67.4 101.2



#38

1-Methylnaphthalene

Concen: 47.448 ng

RT: 8.992 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF128153.D

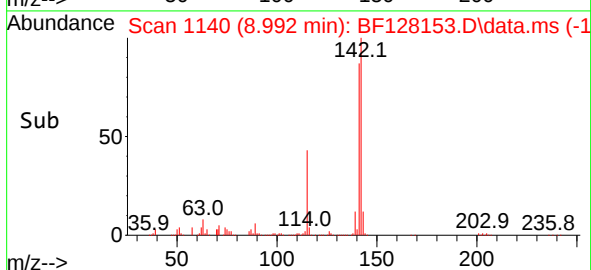
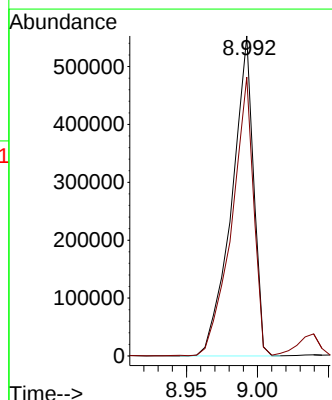
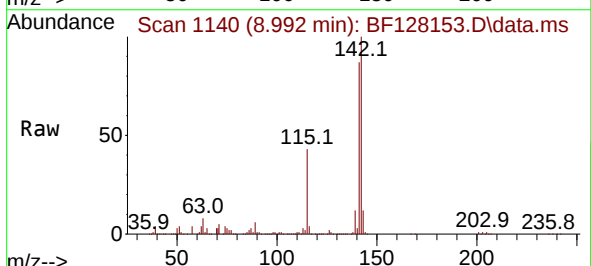
Acq: 09 May 2022 17:15

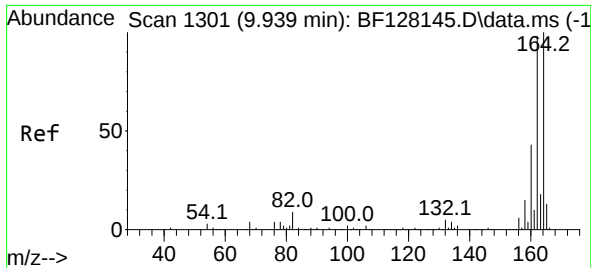
Tgt Ion:142 Resp: 591566

Ion Ratio Lower Upper

142 100

141 87.2 70.1 105.1

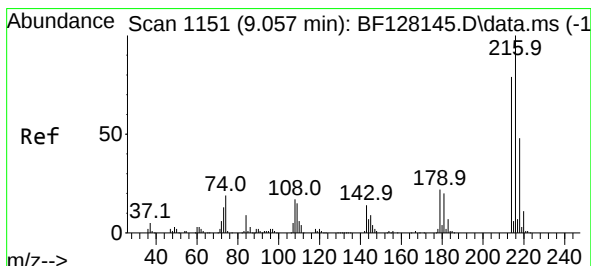
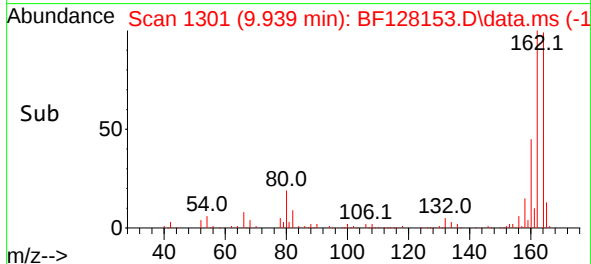
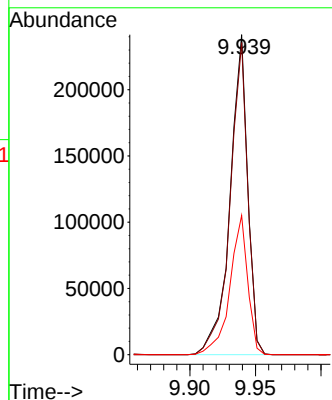
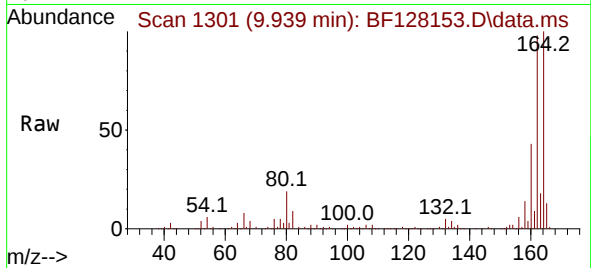




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

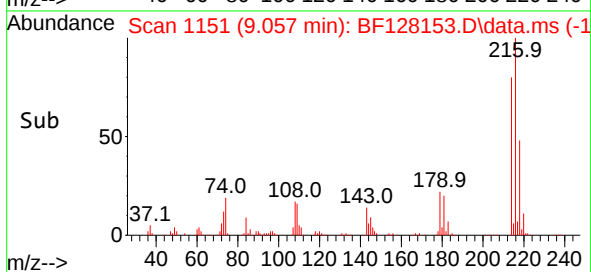
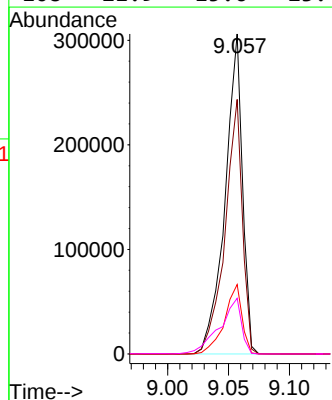
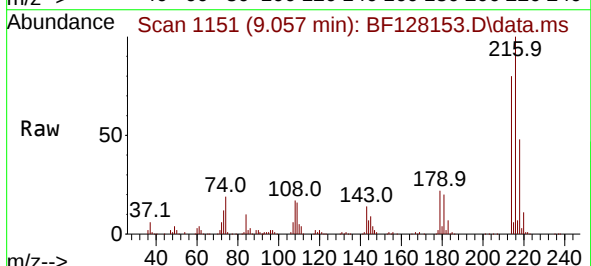
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

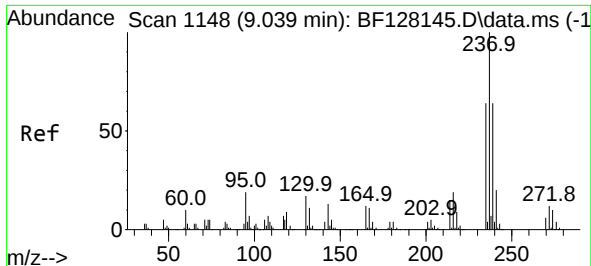
Tgt Ion:164 Resp: 226442
Ion Ratio Lower Upper
164 100
162 97.5 76.0 114.0
160 43.5 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.533 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

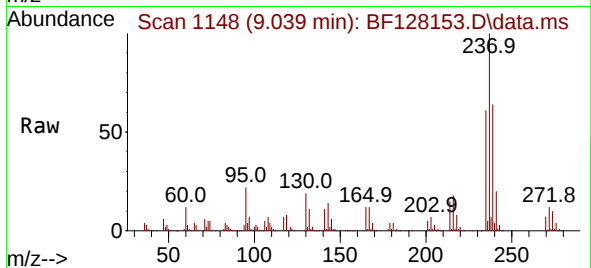
Tgt Ion:216 Resp: 304140
Ion Ratio Lower Upper
216 100
214 79.0 62.6 94.0
179 21.9 16.9 25.3
108 21.9 15.6 23.4



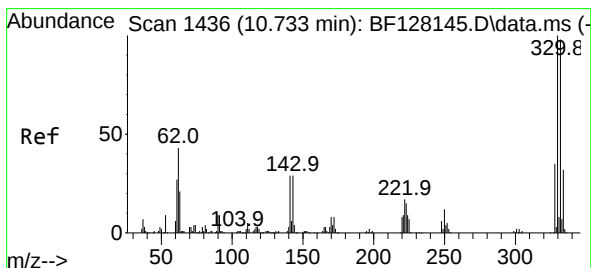
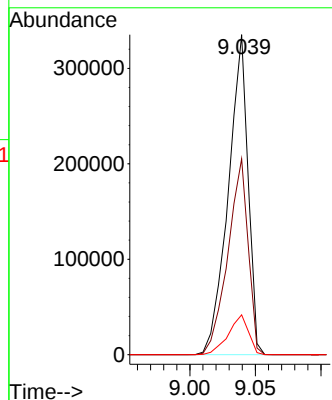
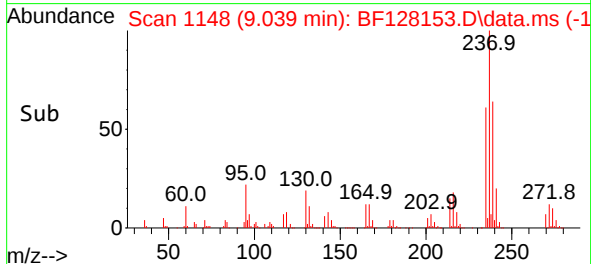


#41
Hexachlorocyclopentadiene
Concen: 112.880 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

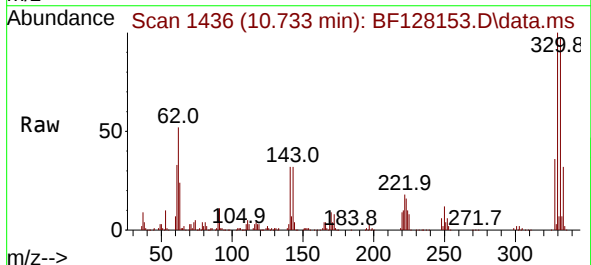
Instrument :
BNA_F
ClientSampleId :
PB144686BSD



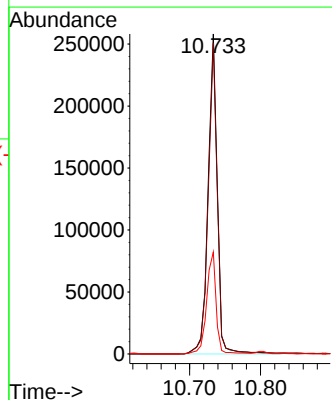
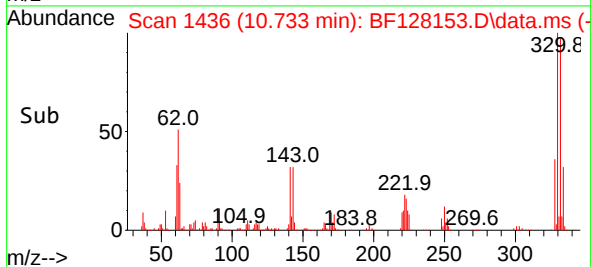
Tgt Ion:237 Resp: 351473
Ion Ratio Lower Upper
237 100
235 61.2 43.6 83.6
272 12.4 0.0 32.1

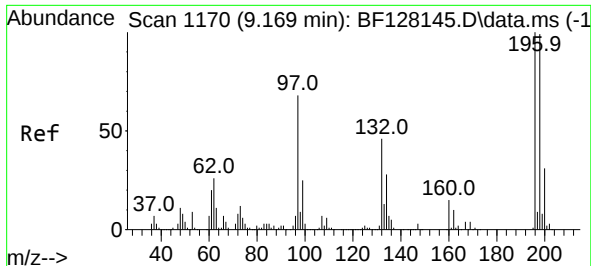


#42
2,4,6-Tribromophenol
Concen: 90.099 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15



Tgt Ion:330 Resp: 233988
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 33.0 28.9 43.3

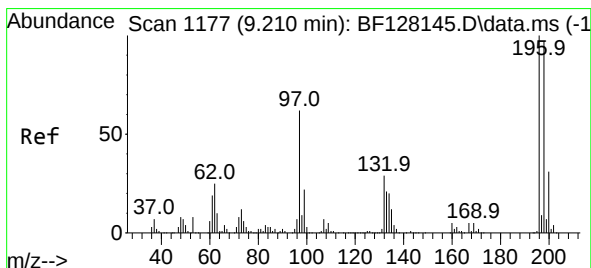
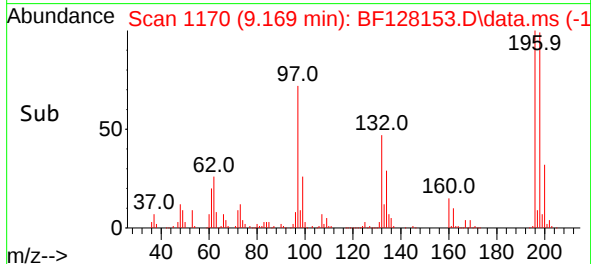
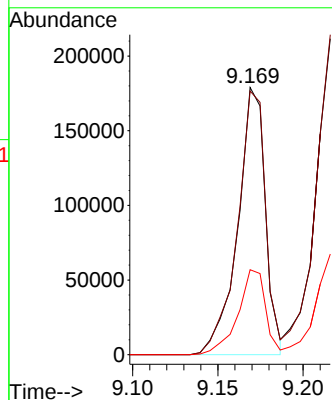
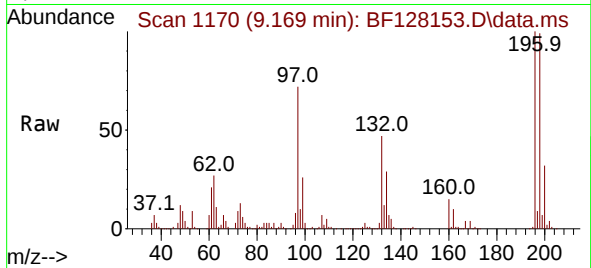




#43
2,4,6-Trichlorophenol
Concen: 46.954 ng
RT: 9.169 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

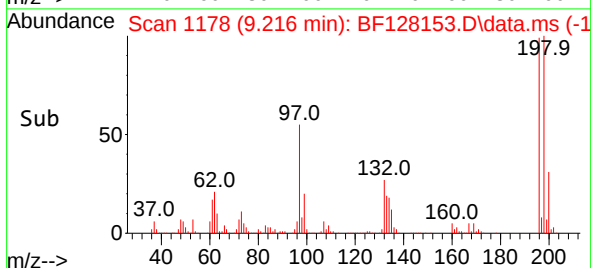
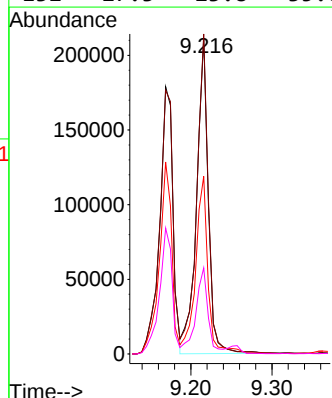
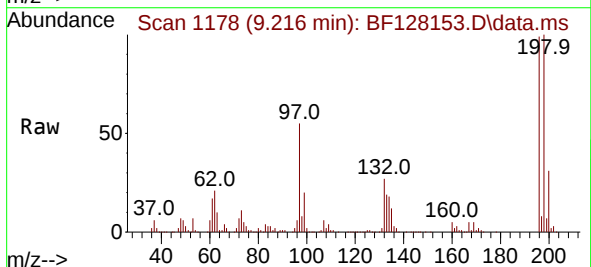
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

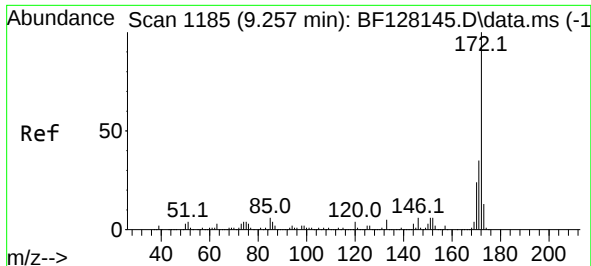
Tgt Ion:196 Resp: 202061
Ion Ratio Lower Upper
196 100
198 98.7 80.4 120.6
200 31.8 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 46.532 ng
RT: 9.216 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:196 Resp: 213514
Ion Ratio Lower Upper
196 100
198 101.2 80.2 120.2
97 56.2 50.3 75.5
132 27.3 23.8 35.6

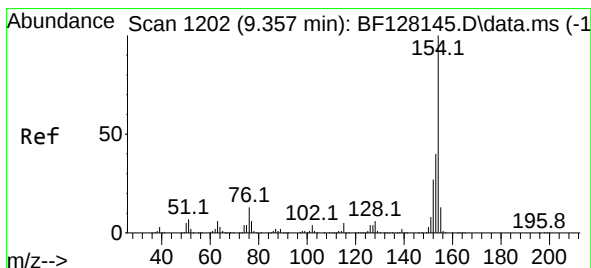
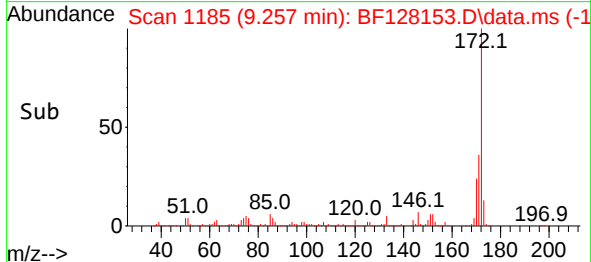
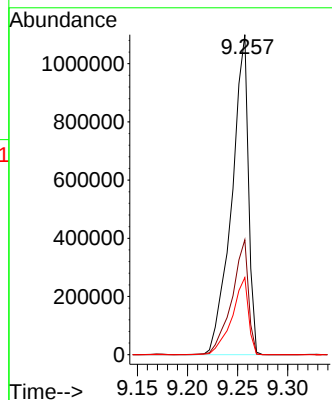
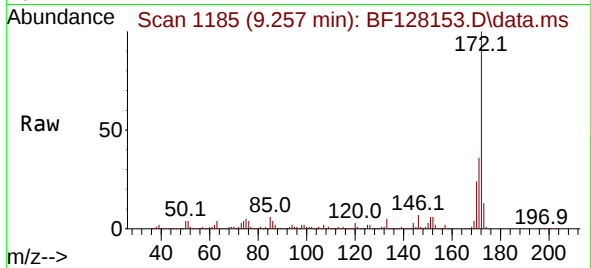




#45
2-Fluorobiphenyl
Concen: 87.612 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

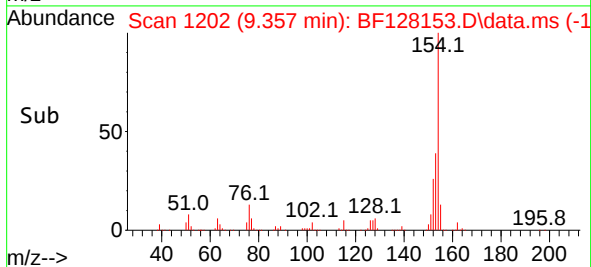
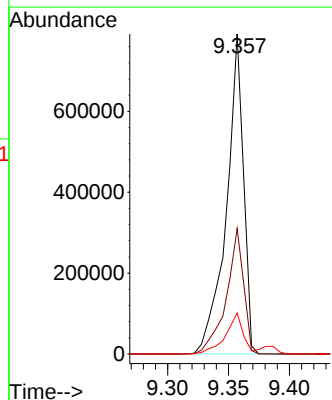
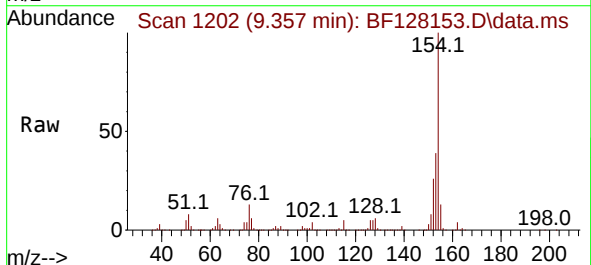
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

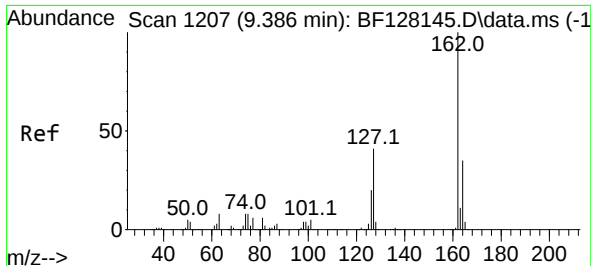
Tgt Ion:172 Resp: 1267926
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 46.849 ng
RT: 9.357 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:154 Resp: 772299
Ion Ratio Lower Upper
154 100
153 39.2 20.4 60.4
76 12.8 0.0 33.2





#47

2-Chloronaphthalene

Concen: 46.435 ng

RT: 9.386 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

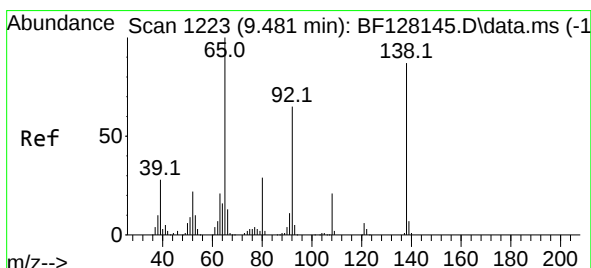
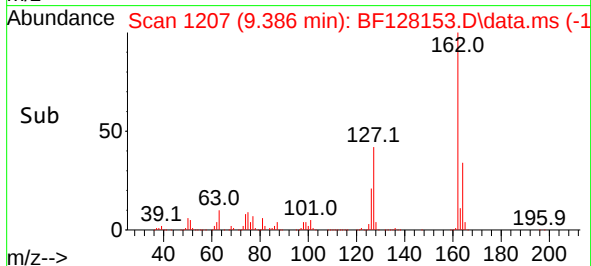
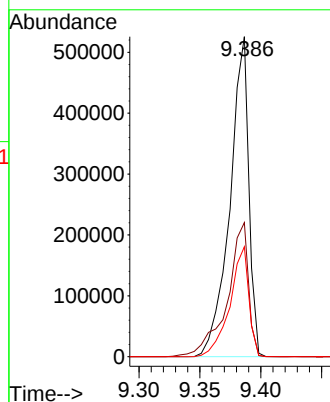
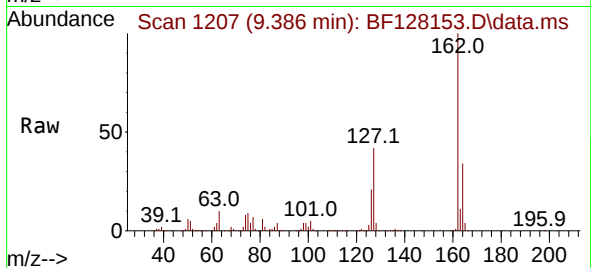
Tgt Ion:162 Resp: 567354

Ion Ratio Lower Upper

162 100

127 41.9 32.9 49.3

164 34.3 28.2 42.2



#48

2-Nitroaniline

Concen: 48.489 ng

RT: 9.486 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

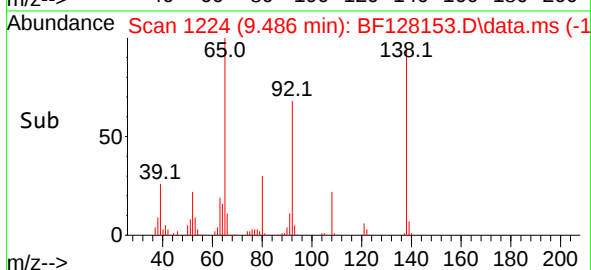
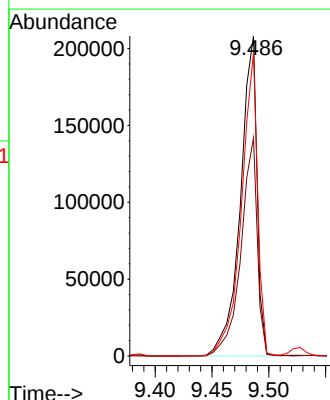
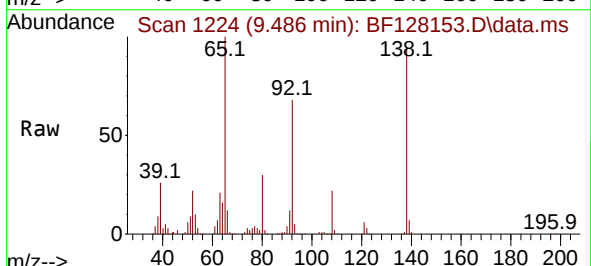
Tgt Ion: 65 Resp: 212410

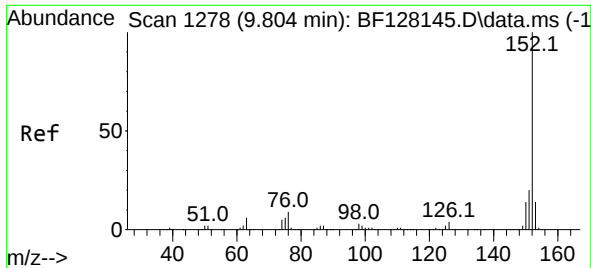
Ion Ratio Lower Upper

65 100

92 68.1 53.7 80.5

138 94.8 76.4 114.6

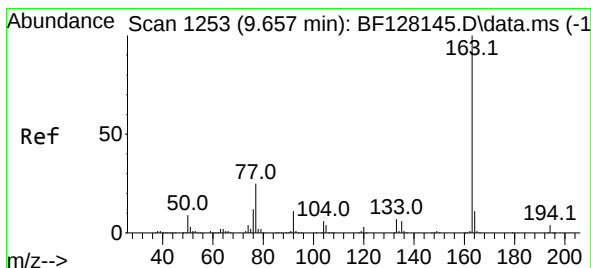
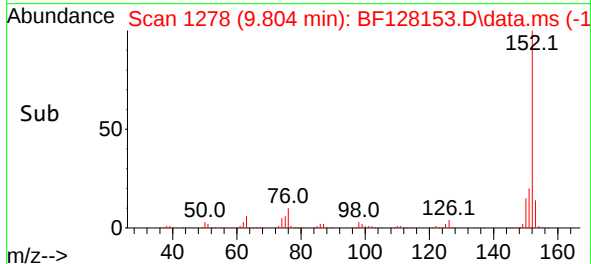
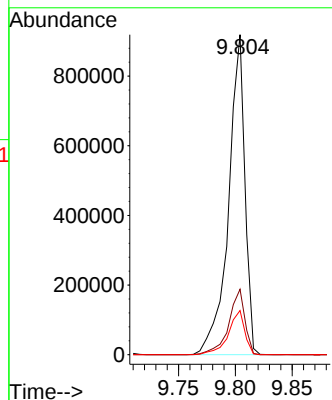
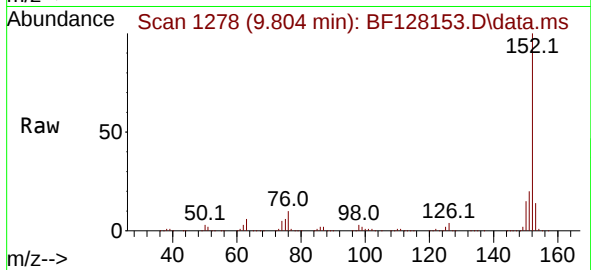




#49
Acenaphthylene
Concen: 49.802 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

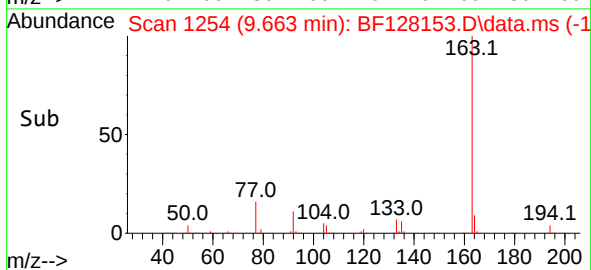
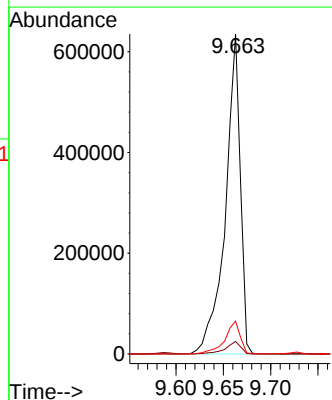
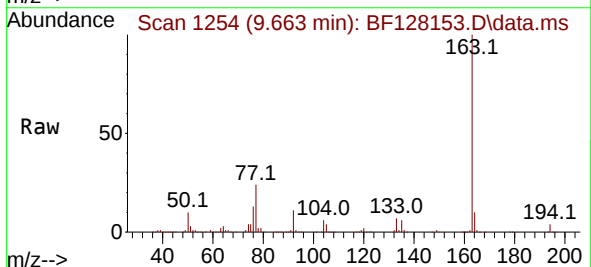
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

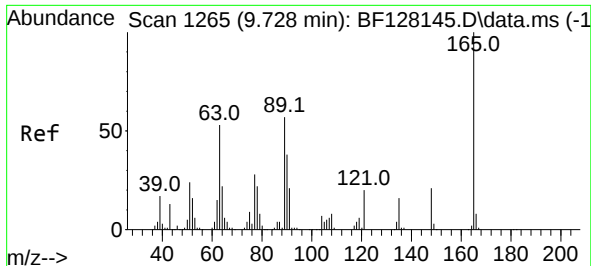
Tgt Ion:152 Resp: 920363
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.8 11.2 16.8



#50
Dimethylphthalate
Concen: 47.689 ng
RT: 9.663 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:163 Resp: 696869
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 49.660 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

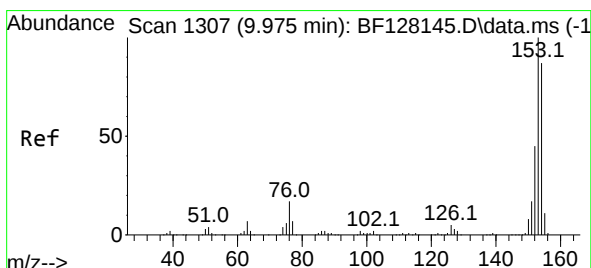
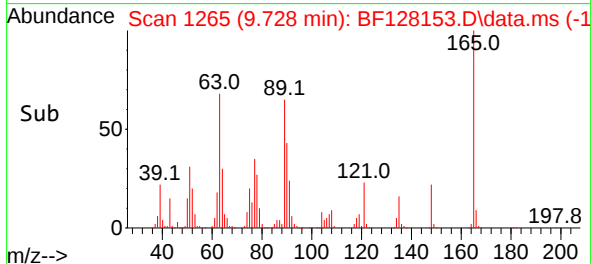
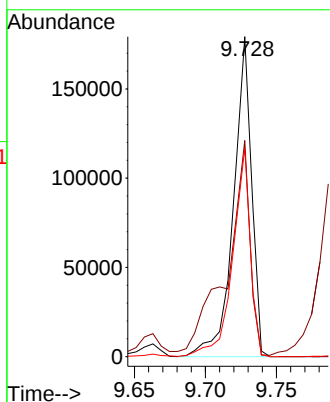
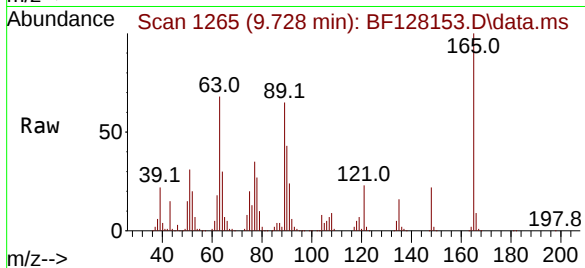
Tgt Ion:165 Resp: 159184

Ion Ratio Lower Upper

165 100

63 67.5 49.5 74.3

89 65.3 49.0 73.4



#52

Acenaphthene

Concen: 42.980 ng

RT: 9.975 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

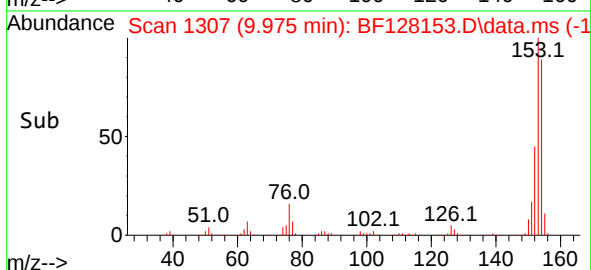
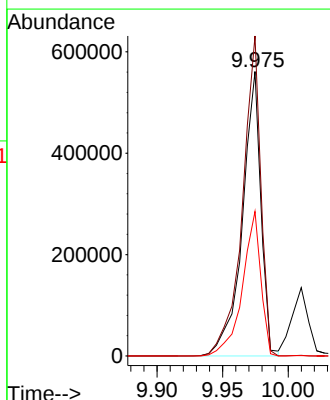
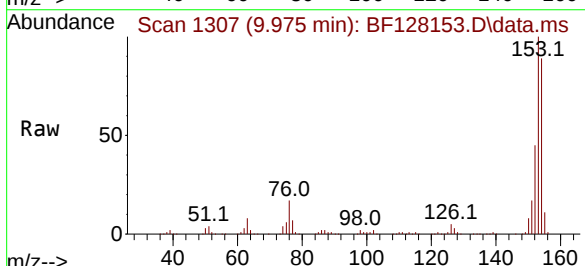
Tgt Ion:154 Resp: 550729

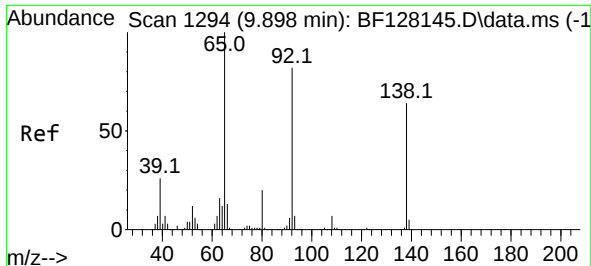
Ion Ratio Lower Upper

154 100

153 112.5 90.5 135.7

152 50.8 41.0 61.6

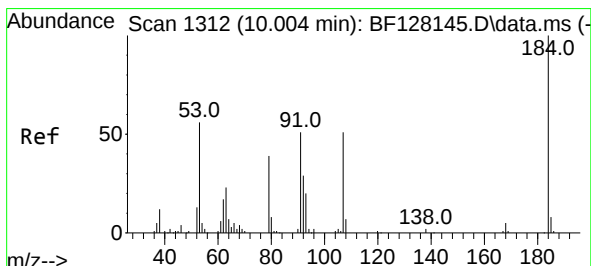
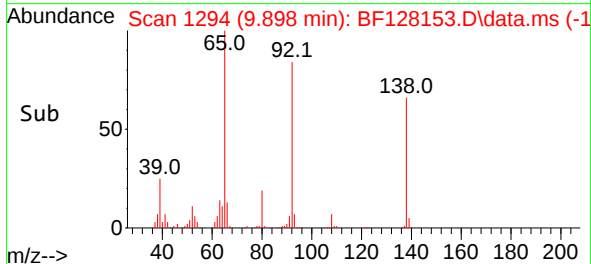
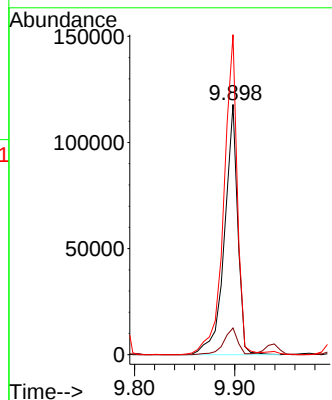
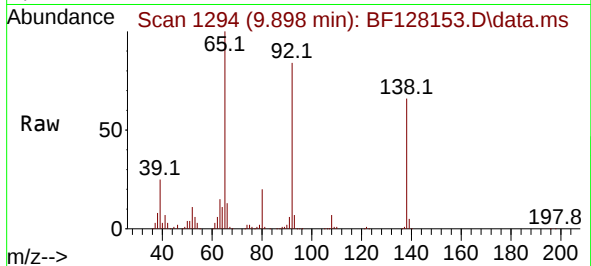




#53
3-Nitroaniline
Concen: 31.049 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

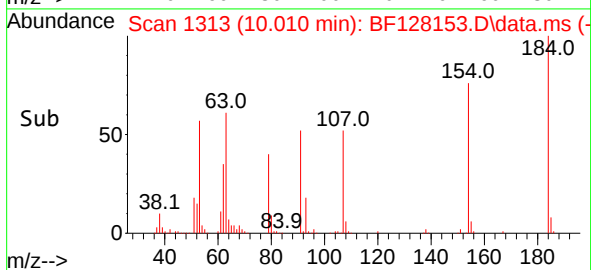
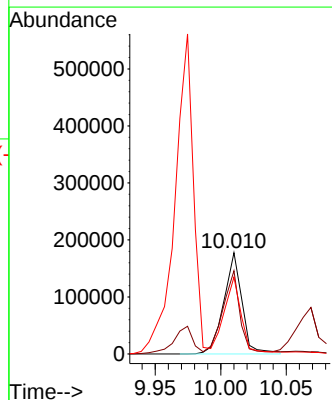
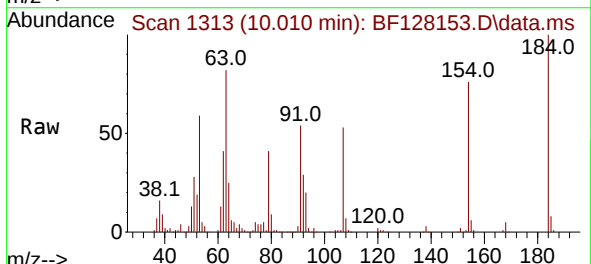
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

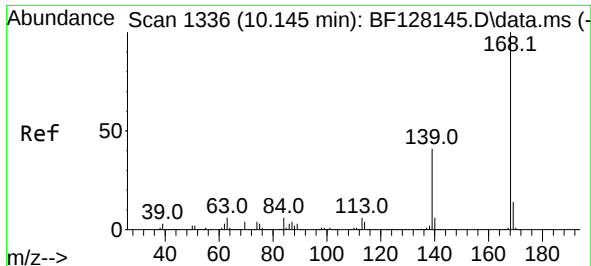
Tgt Ion:138 Resp: 107898
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.4
92 127.9 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 97.023 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:184 Resp: 172054
Ion Ratio Lower Upper
184 100
63 82.1 50.0 75.0#
154 75.8 51.7 77.5

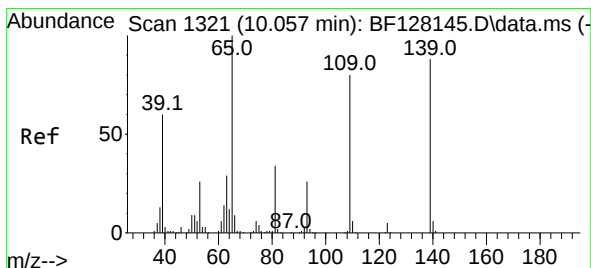
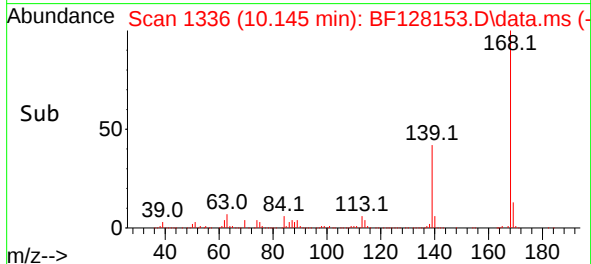
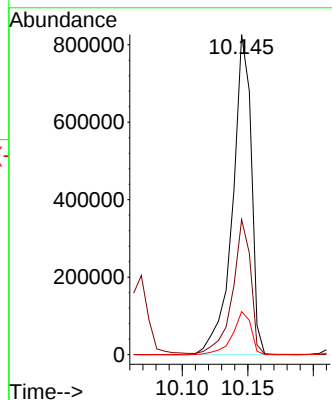
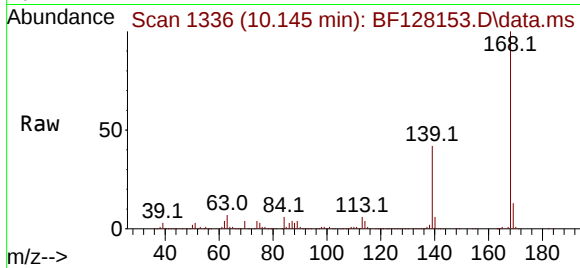




#55
Dibenzofuran
Concen: 45.191 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

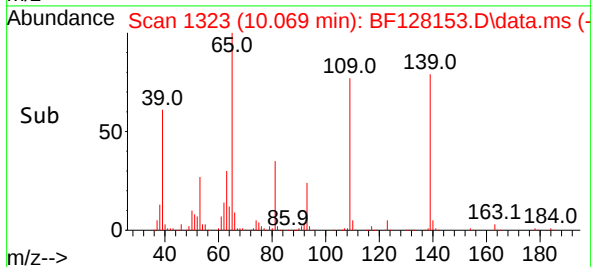
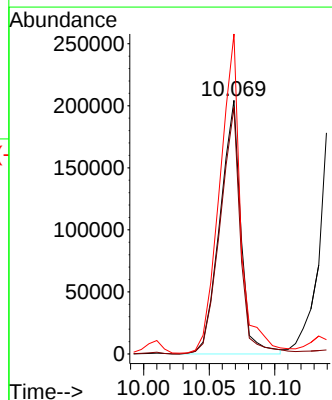
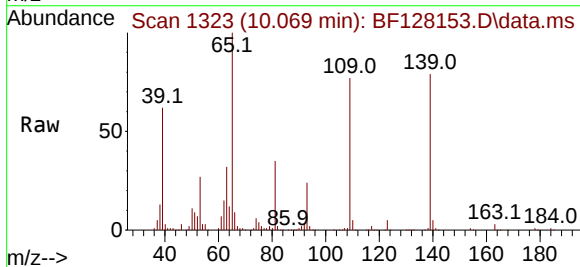
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

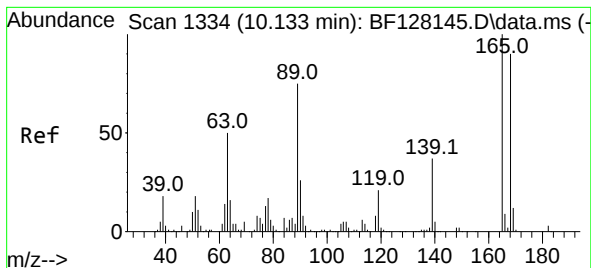
Tgt Ion:168 Resp: 822158
Ion Ratio Lower Upper
168 100
139 42.2 31.7 47.5
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 93.397 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.012 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:139 Resp: 226790
Ion Ratio Lower Upper
139 100
109 97.2 61.9 101.9
65 126.2 93.5 133.5

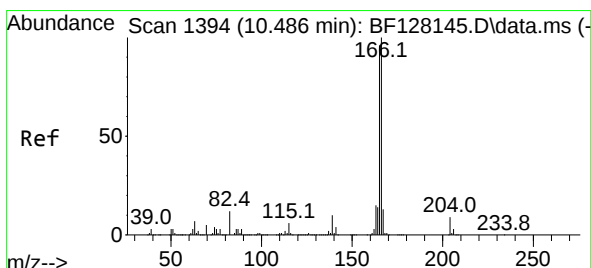
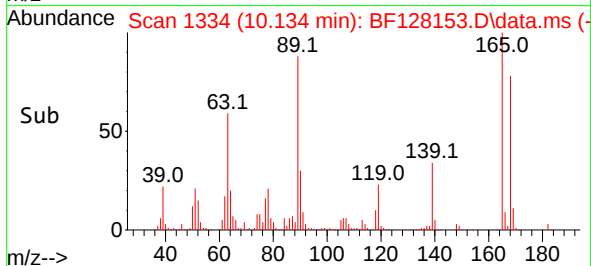
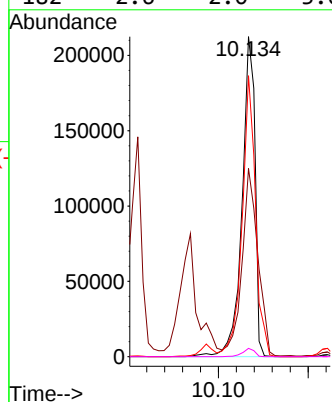
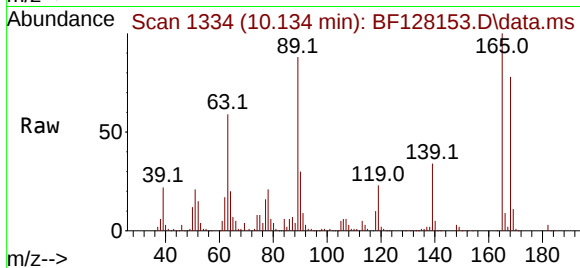




#57
2,4-Dinitrotoluene
Concen: 49.900 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

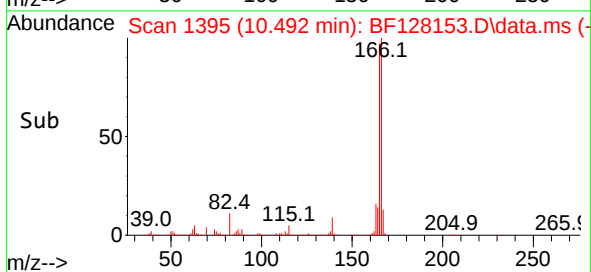
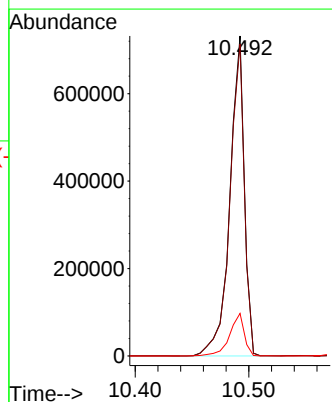
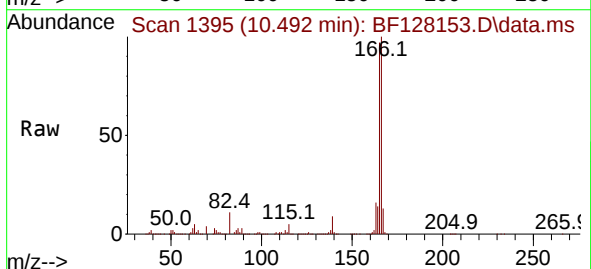
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

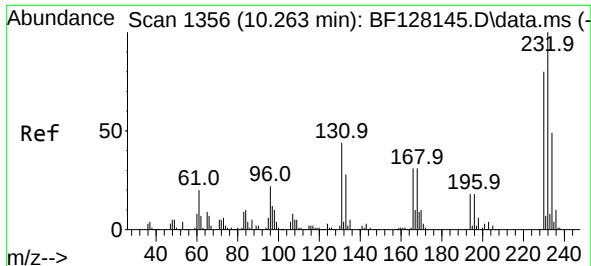
Tgt Ion:165 Resp: 213885
Ion Ratio Lower Upper
165 100
63 58.8 32.6 49.0#
89 87.8 55.2 82.8#
182 2.6 2.0 3.0



#58
Fluorene
Concen: 45.692 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:166 Resp: 647499
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.3 10.5 15.7

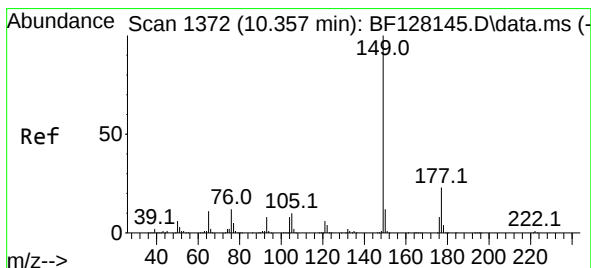
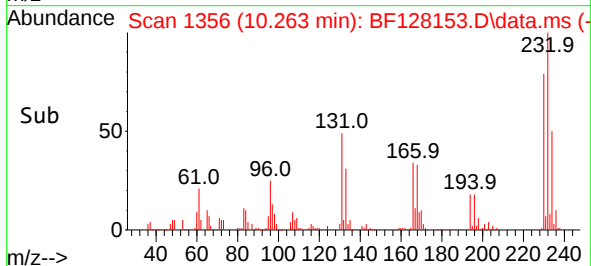
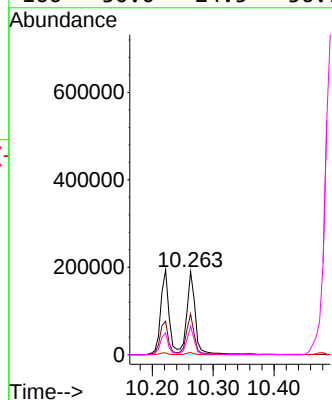
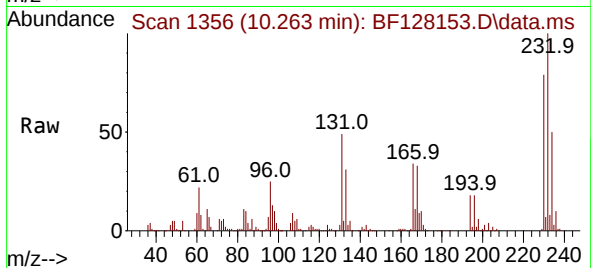




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.235 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

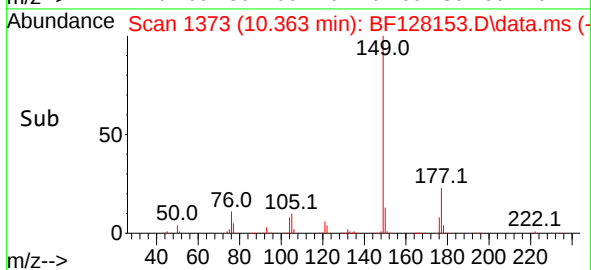
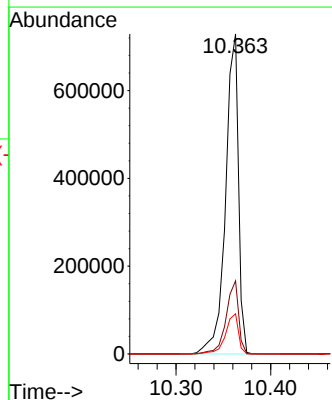
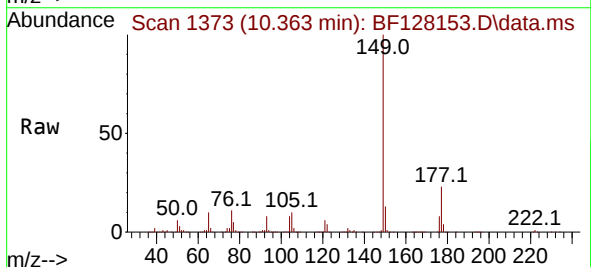
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

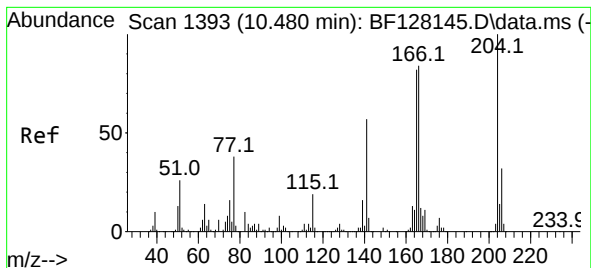
Tgt Ion:232 Resp: 181302
Ion Ratio Lower Upper
232 100
131 46.1 35.4 53.2
130 2.4 1.9 2.9
166 30.0 24.5 36.7



#60
Diethylphthalate
Concen: 47.243 ng
RT: 10.363 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:149 Resp: 688770
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.6 10.2 15.2

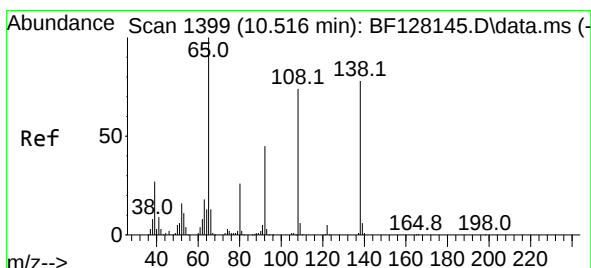
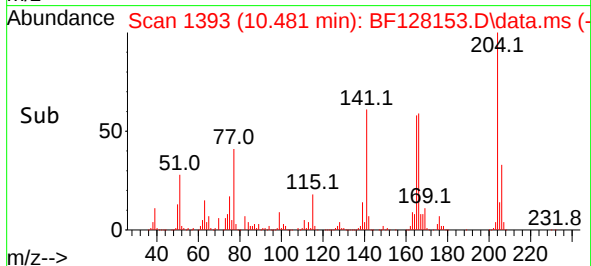
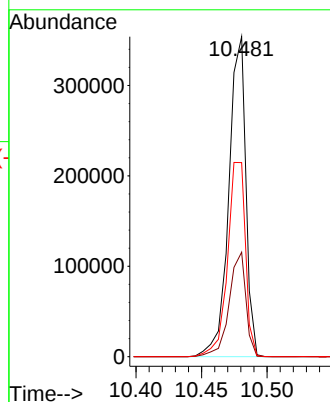
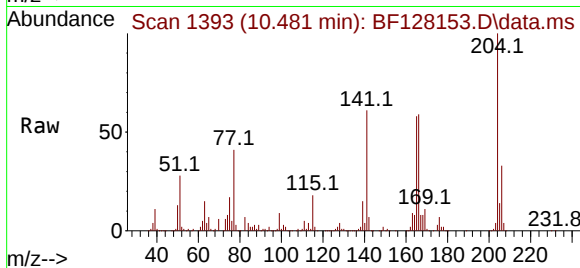




#61
4-Chlorophenyl-phenylether
Concen: 45.283 ng
RT: 10.481 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

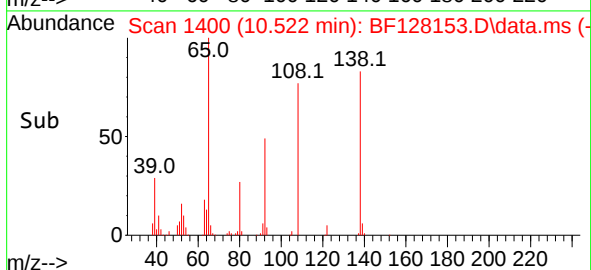
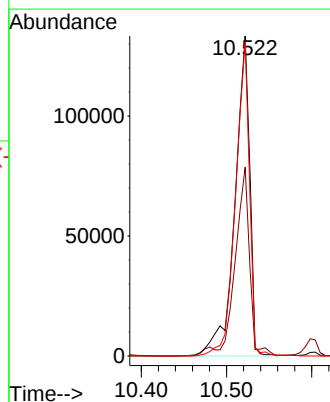
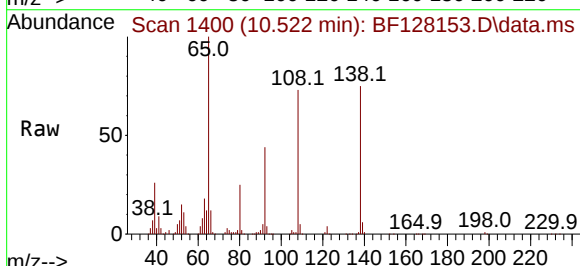
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

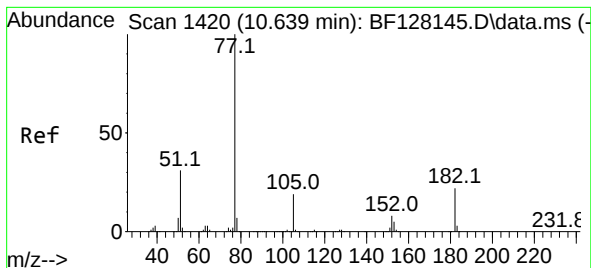
Tgt Ion:204 Resp: 320015
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.7 48.7 73.1



#62
4-Nitroaniline
Concen: 45.793 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:138 Resp: 161324
Ion Ratio Lower Upper
138 100
92 59.0 37.4 77.4
108 98.2 68.4 108.4





#63

Azobenzene

Concen: 46.281 ng

RT: 10.639 min Scan# 1420

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

Tgt Ion: 77 Resp: 738864

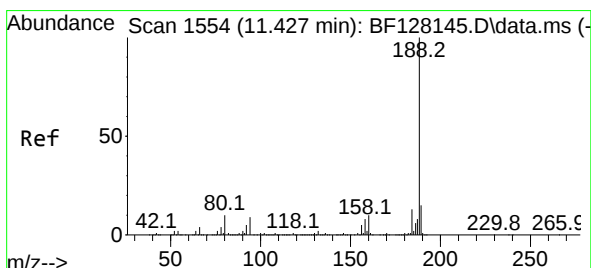
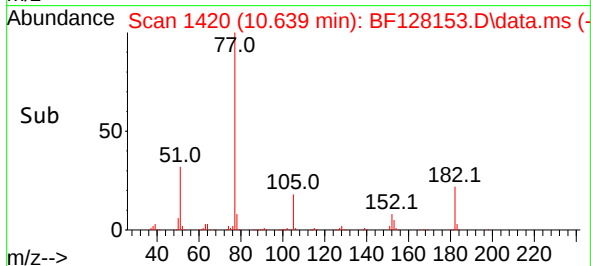
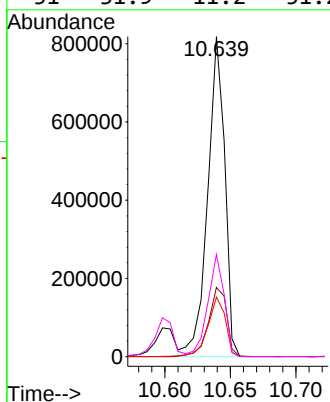
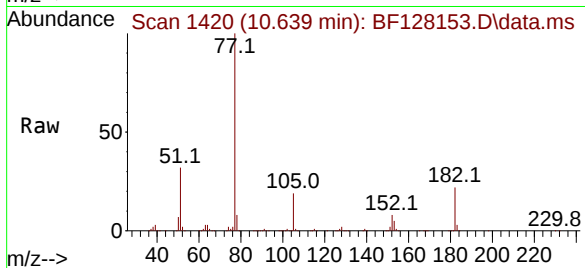
Ion Ratio Lower Upper

77 100

182 21.7 1.2 41.2

105 18.6 0.0 39.8

51 31.9 11.2 51.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1554

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

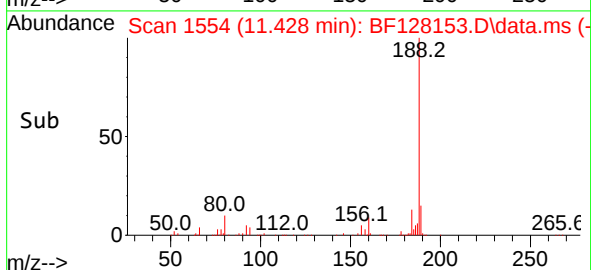
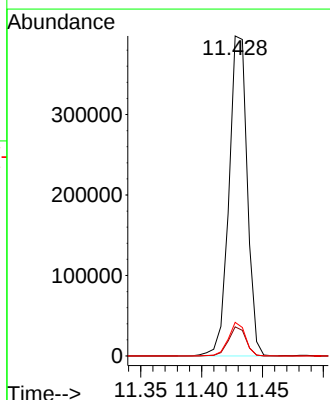
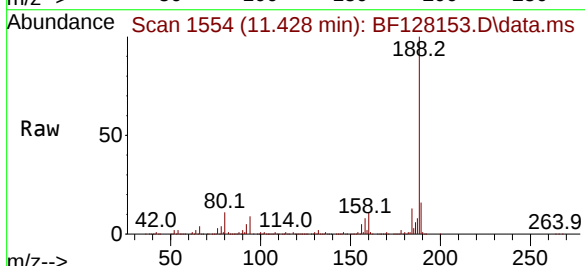
Tgt Ion: 188 Resp: 415561

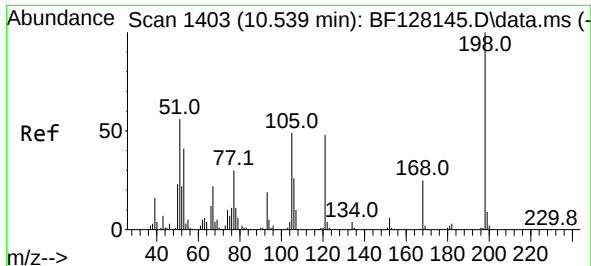
Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

80 10.5 8.9 13.3

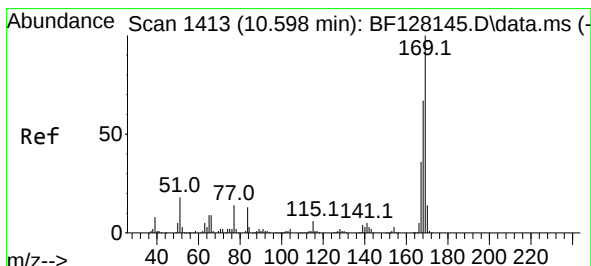
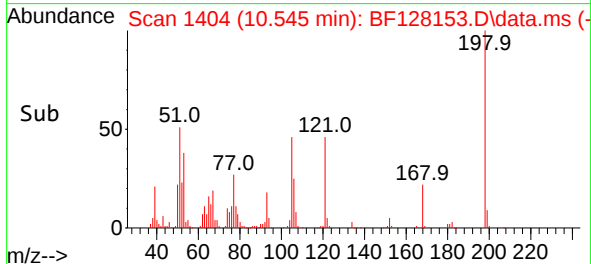
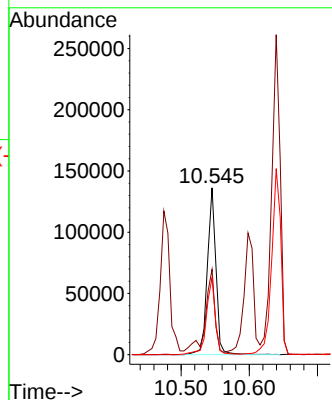
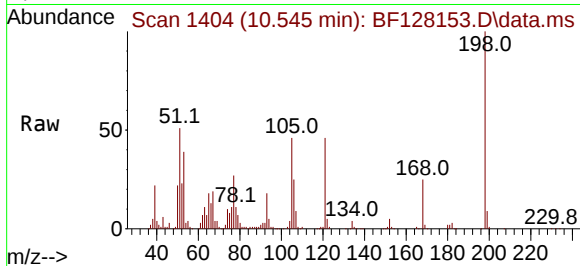




#65
4,6-Dinitro-2-methylphenol
Concen: 46.083 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

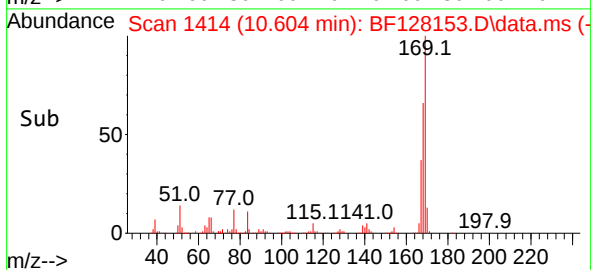
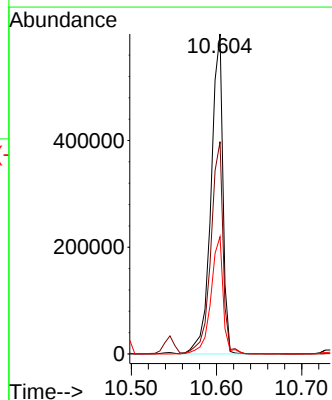
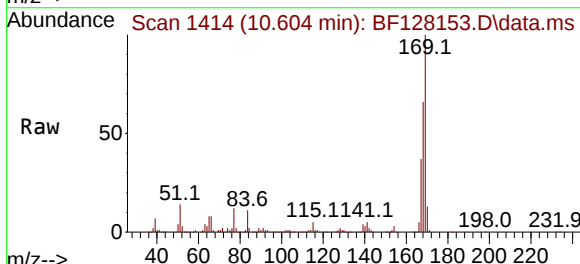
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

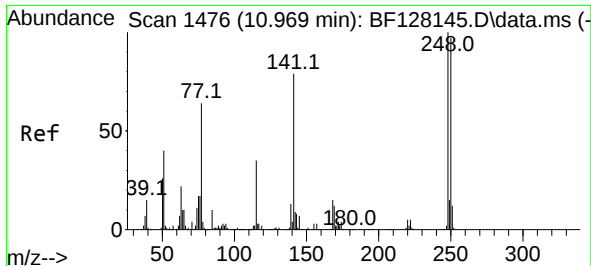
Tgt Ion:198 Resp: 119854
Ion Ratio Lower Upper
198 100
51 51.1 28.4 68.4
105 46.0 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 47.939 ng
RT: 10.604 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:169 Resp: 580601
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 36.6 29.5 44.3

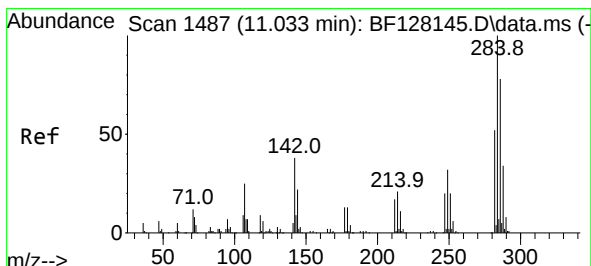
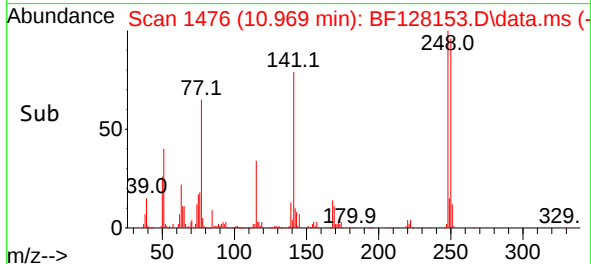
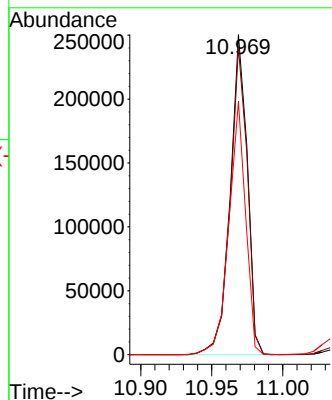
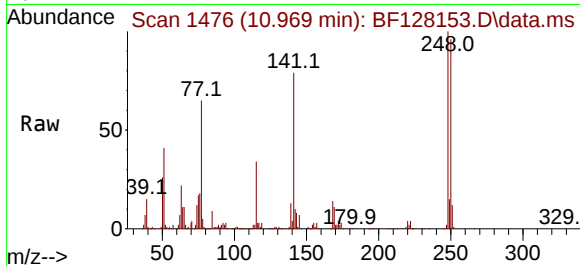




#67
4-Bromophenyl-phenylether
Concen: 47.302 ng
RT: 10.969 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

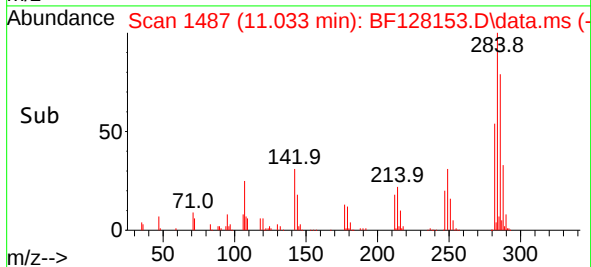
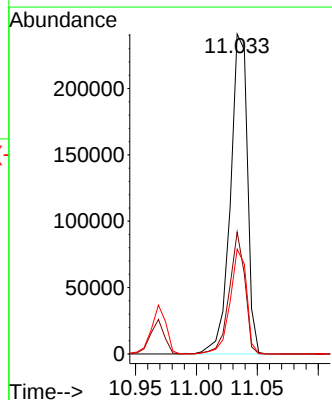
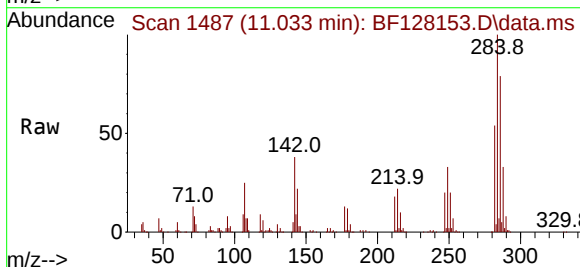
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

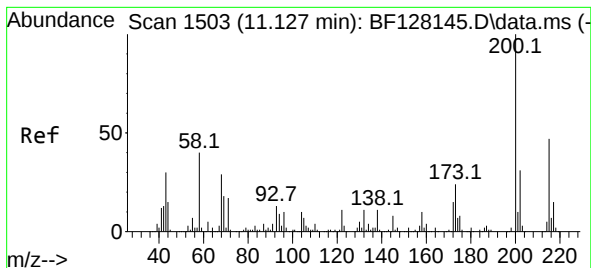
Tgt Ion:248 Resp: 211481
Ion Ratio Lower Upper
248 100
250 96.0 77.7 116.5
141 79.2 65.6 98.4



#68
Hexachlorobenzene
Concen: 48.013 ng
RT: 11.033 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:284 Resp: 234812
Ion Ratio Lower Upper
284 100
142 38.1 30.2 45.4
249 32.7 26.1 39.1





#69

Atrazine

Concen: 51.239 ng

RT: 11.128 min Scan# 1503

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

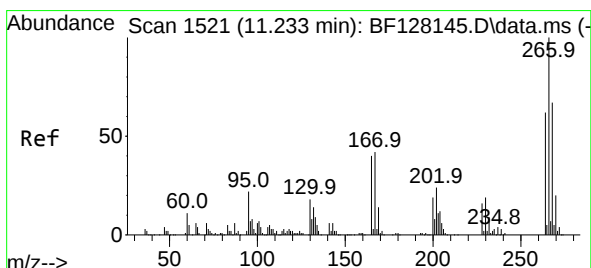
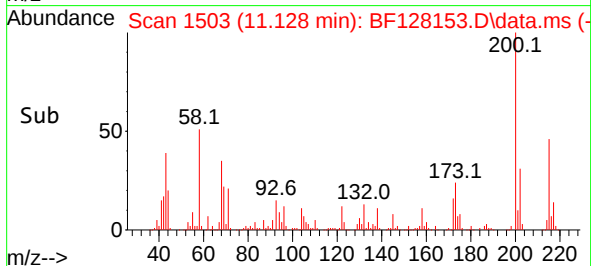
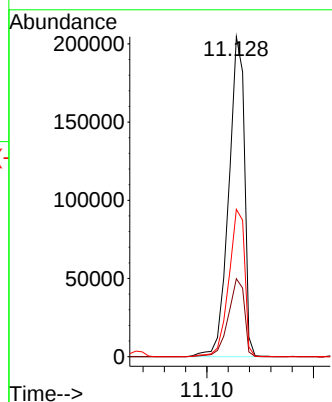
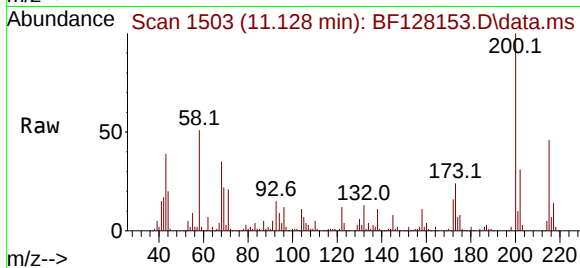
Tgt Ion:200 Resp: 209335

Ion Ratio Lower Upper

200 100

173 24.4 6.0 46.0

215 46.0 28.1 68.1



#70

Pentachlorophenol

Concen: 102.285 ng

RT: 11.233 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

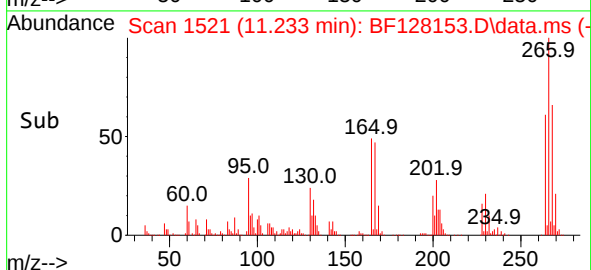
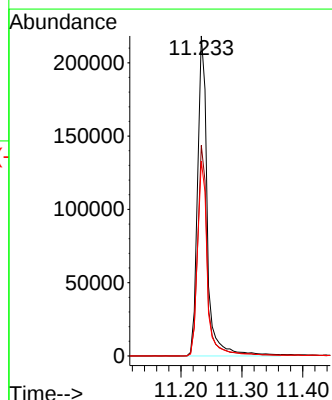
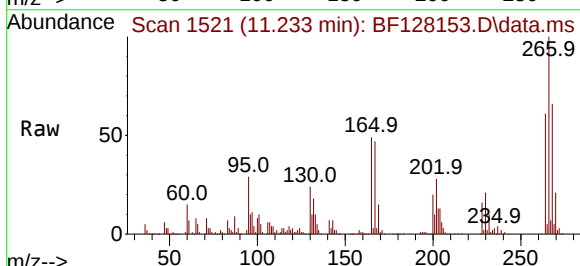
Tgt Ion:266 Resp: 242778

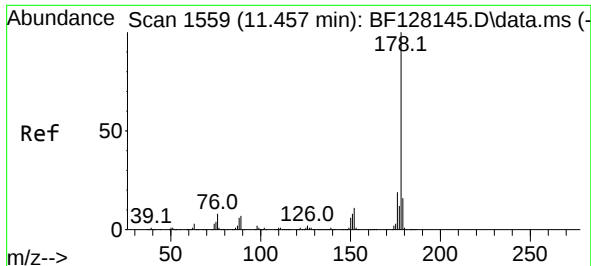
Ion Ratio Lower Upper

266 100

268 65.8 53.0 79.6

264 60.9 53.1 79.7

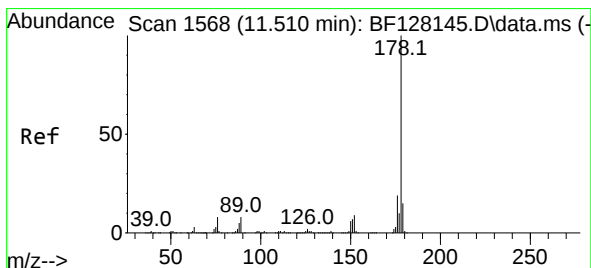
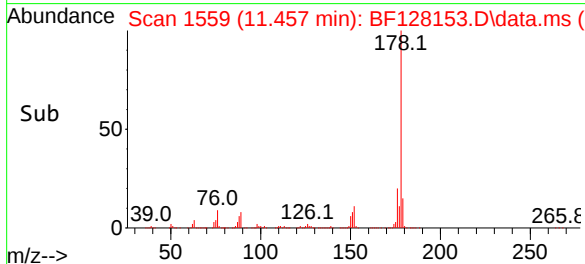
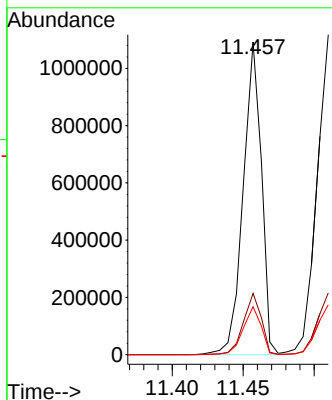
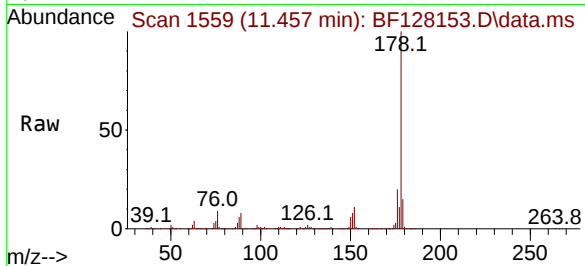




#71
Phenanthrene
Concen: 47.205 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

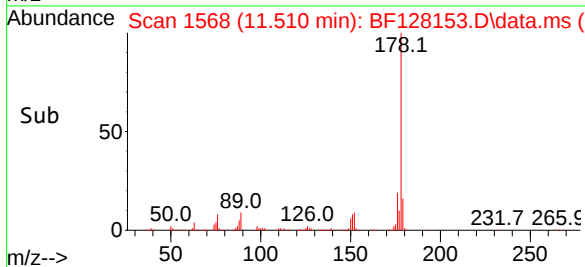
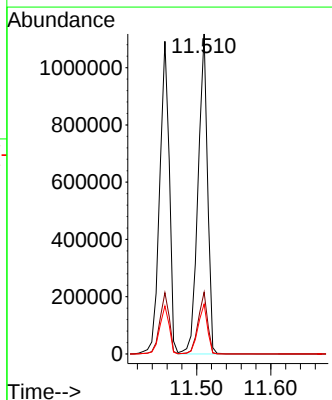
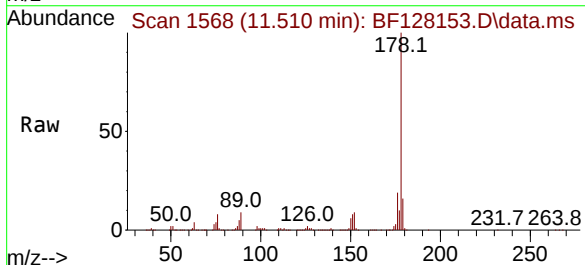
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

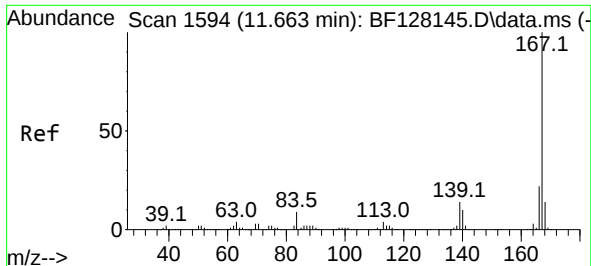
Tgt Ion:178 Resp: 976776
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.3 12.6 19.0



#72
Anthracene
Concen: 47.841 ng
RT: 11.510 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:178 Resp: 988367
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.6 12.4 18.6

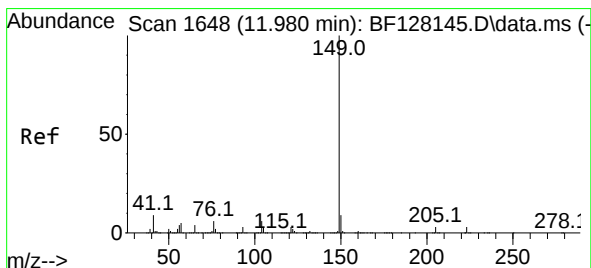
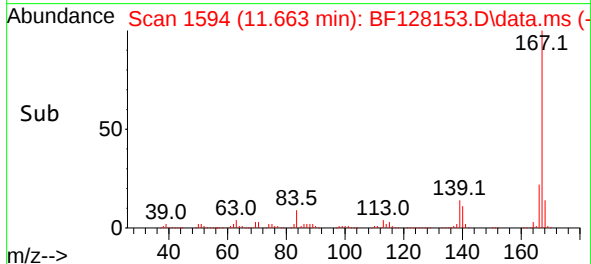
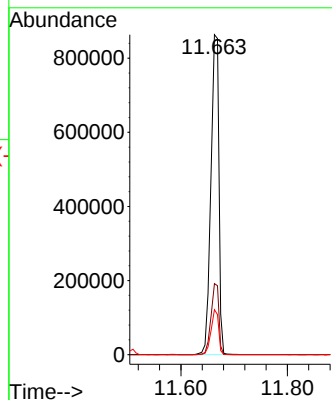
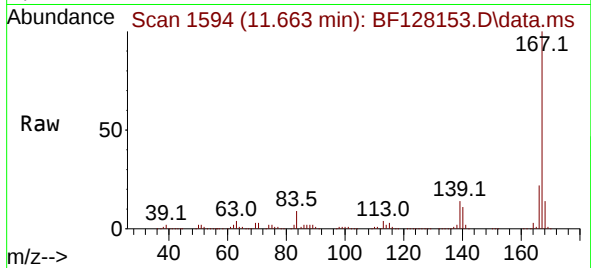




#73
 Carbazole
 Concen: 45.843 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. 0.000 min
 Lab File: BF128153.D
 Acq: 09 May 2022 17:15

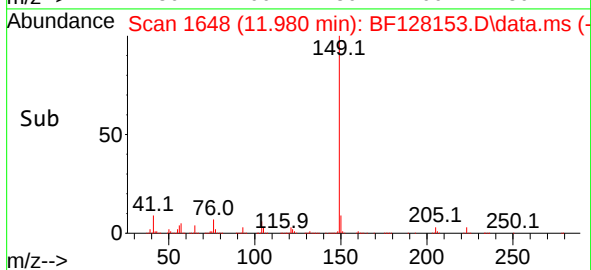
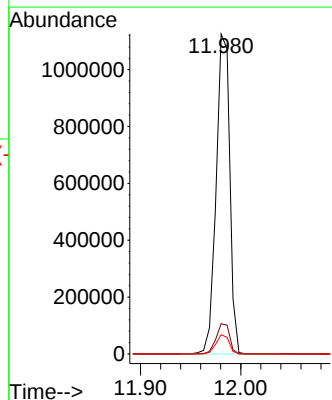
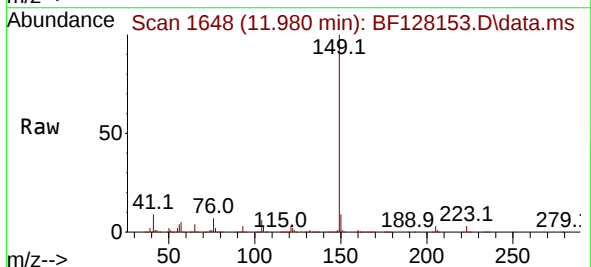
Instrument :
 BNA_F
 ClientSampleId :
 PB144686BSD

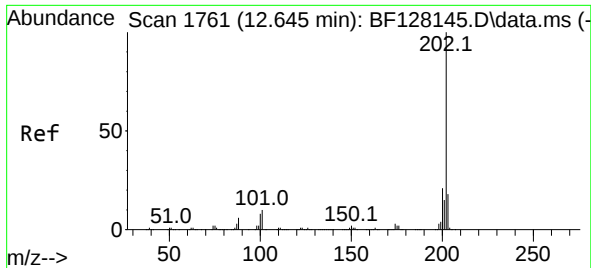
Tgt Ion:167 Resp: 900616
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.1 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 46.920 ng
 RT: 11.980 min Scan# 1648
 Delta R.T. 0.000 min
 Lab File: BF128153.D
 Acq: 09 May 2022 17:15

Tgt Ion:149 Resp: 1061165
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 6.0 4.3 6.5

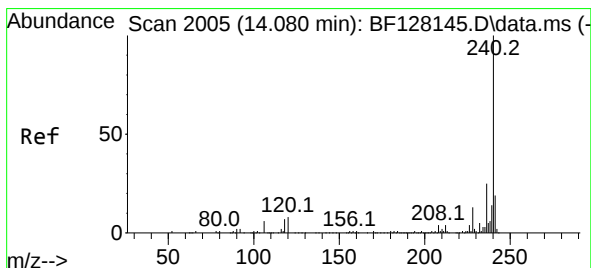
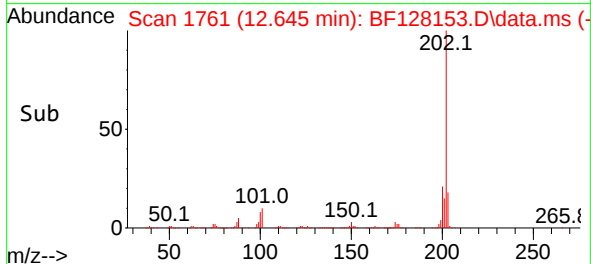
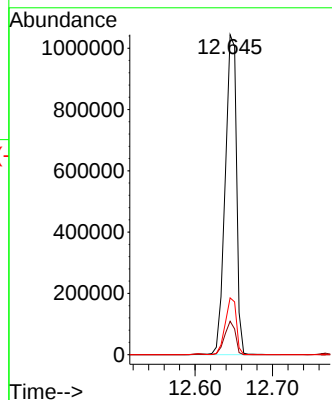
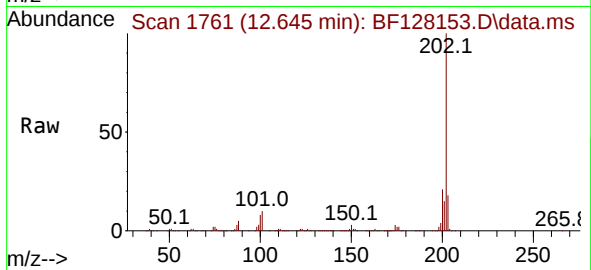




#75
Fluoranthene
Concen: 47.470 ng
RT: 12.645 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

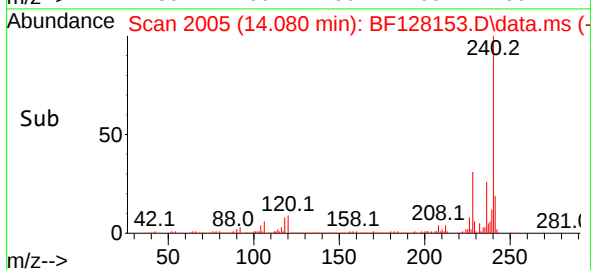
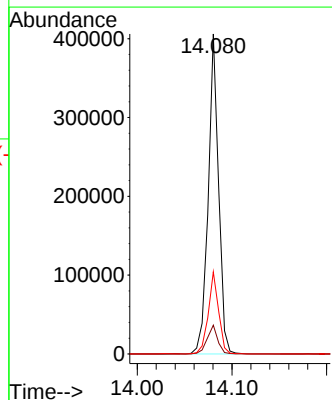
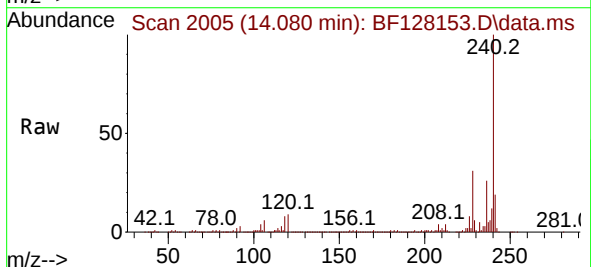
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

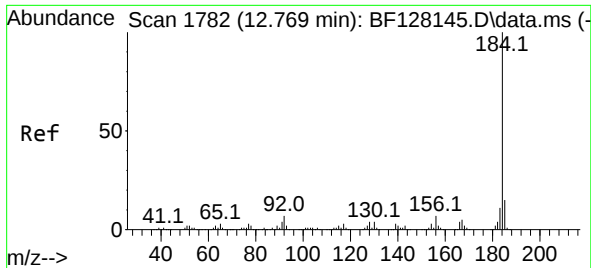
Tgt Ion:202 Resp: 1064938
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.6
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:240 Resp: 306967
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.7 20.3 30.5

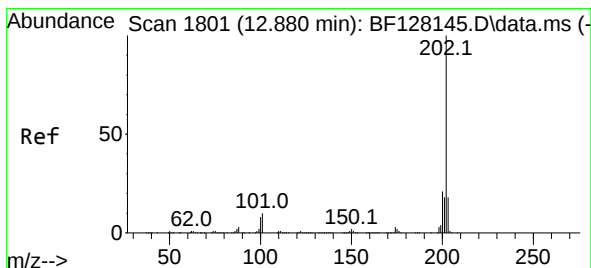
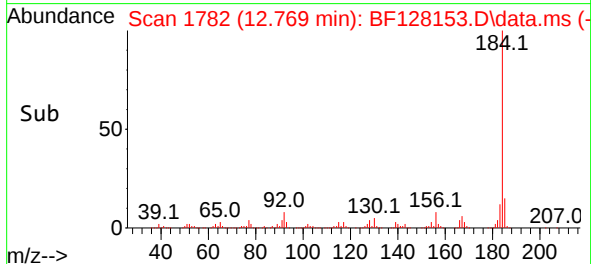
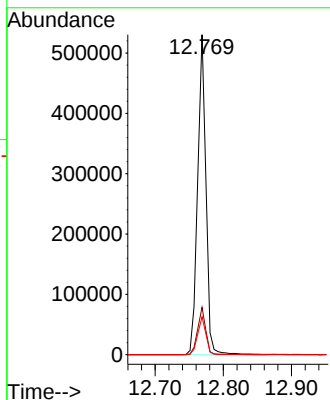
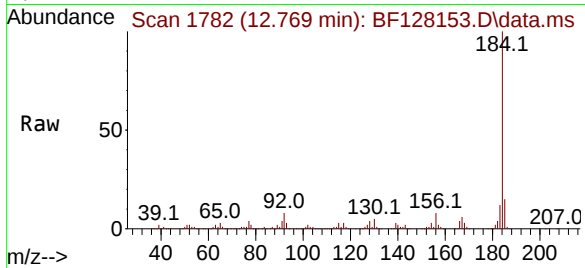




#77
Benzidine
Concen: 67.828 ng
RT: 12.769 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

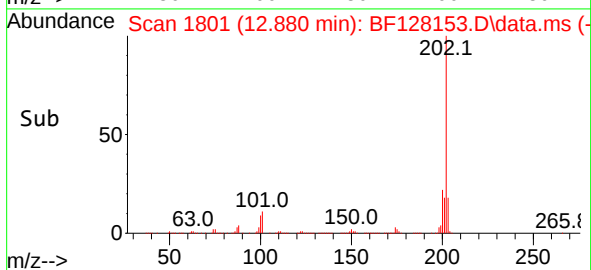
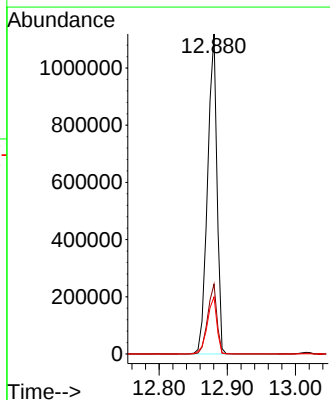
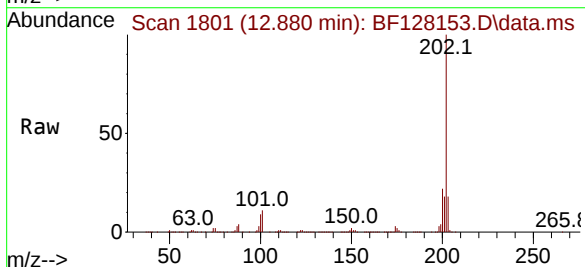
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

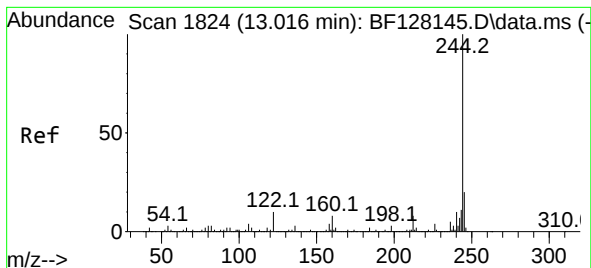
Tgt Ion:184 Resp: 450946
Ion Ratio Lower Upper
184 100
185 14.8 12.1 18.1
183 11.9 9.0 13.4



#78
Pyrene
Concen: 48.173 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:202 Resp: 1072229
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 94.421 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

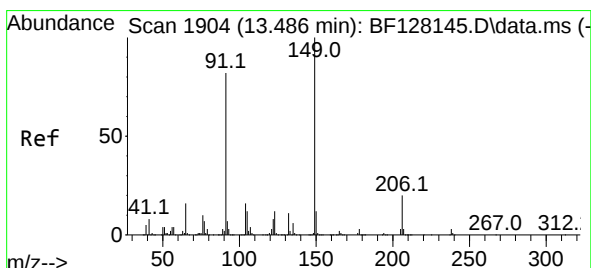
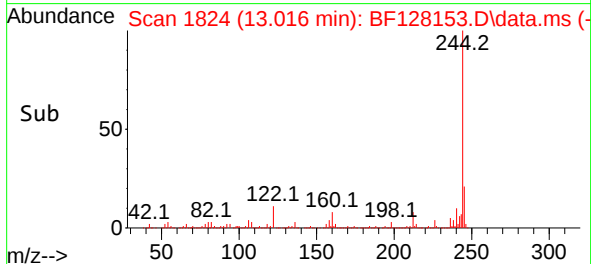
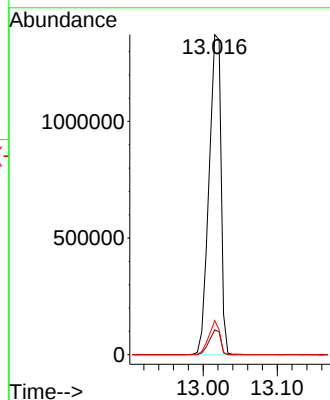
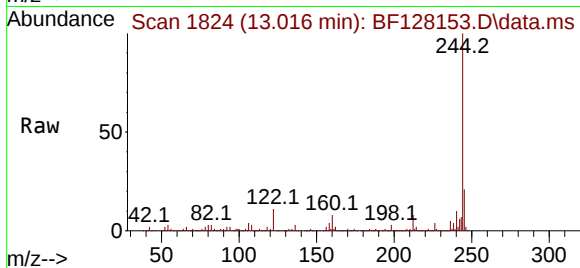
Tgt Ion:244 Resp: 1544661

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 10.7 8.6 12.8



#80

Butylbenzylphthalate

Concen: 48.096 ng

RT: 13.486 min Scan# 1904

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

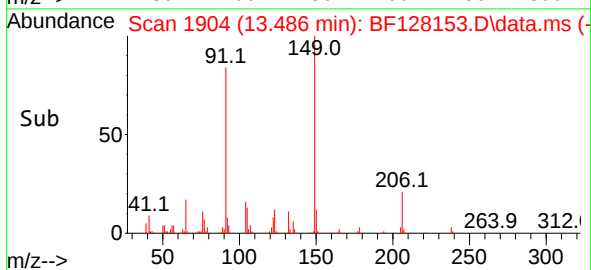
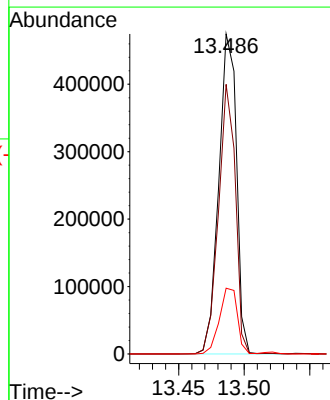
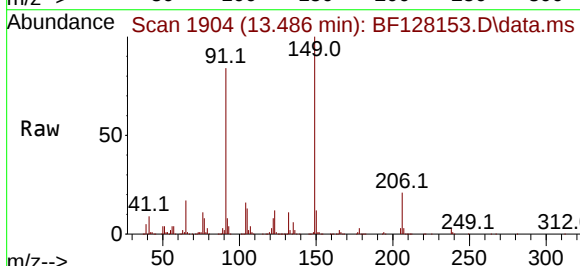
Tgt Ion:149 Resp: 445046

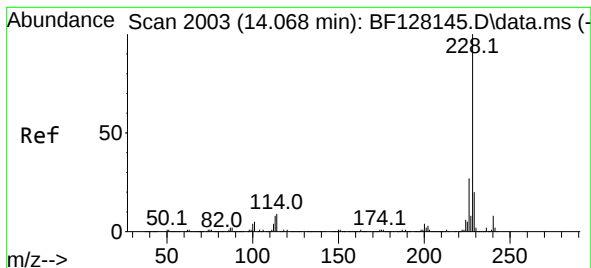
Ion Ratio Lower Upper

149 100

91 84.3 65.8 98.6

206 20.6 15.4 23.2





#81

Benzo(a)anthracene

Concen: 48.424 ng

RT: 14.069 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

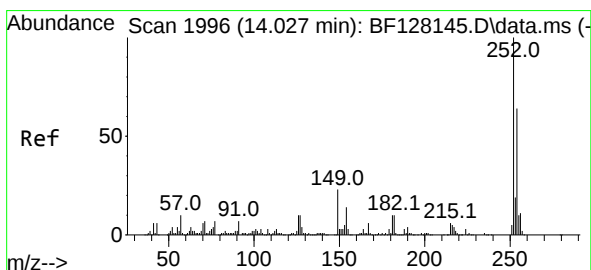
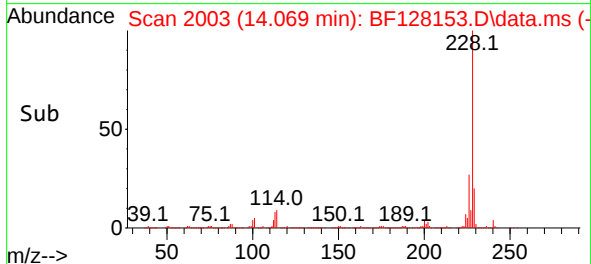
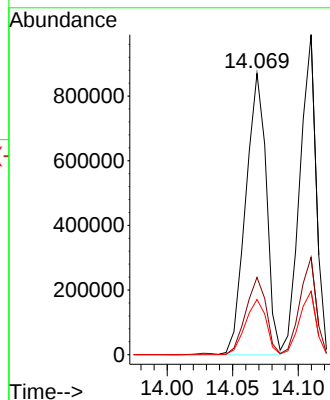
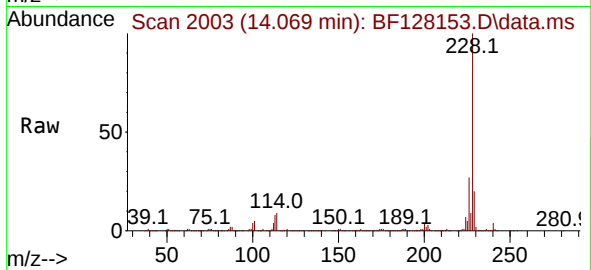
Tgt Ion:228 Resp: 949437

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

229 19.6 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 45.944 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

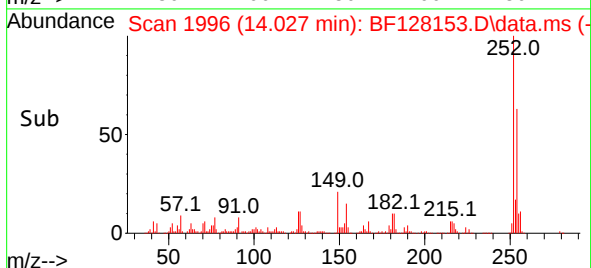
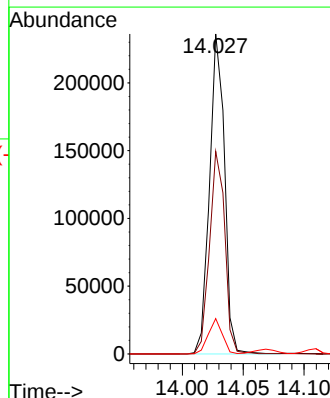
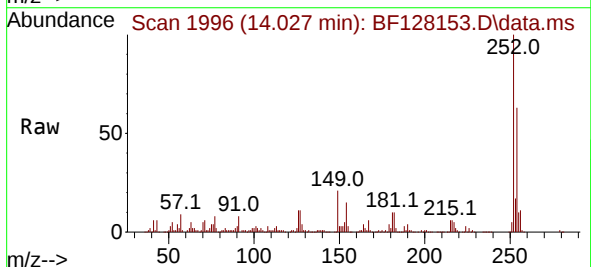
Tgt Ion:252 Resp: 202131

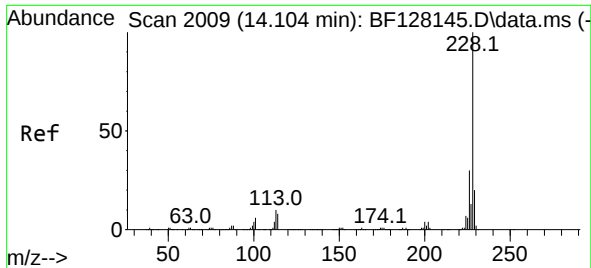
Ion Ratio Lower Upper

252 100

254 63.3 51.6 77.4

126 11.0 8.8 13.2





#83

Chrysene

Concen: 45.871 ng

RT: 14.110 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

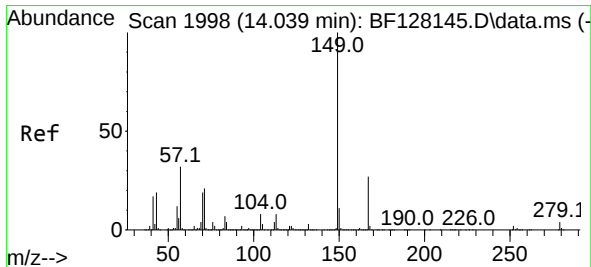
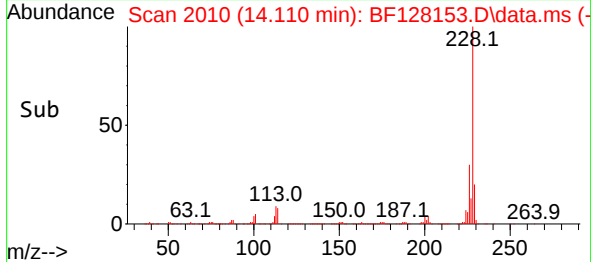
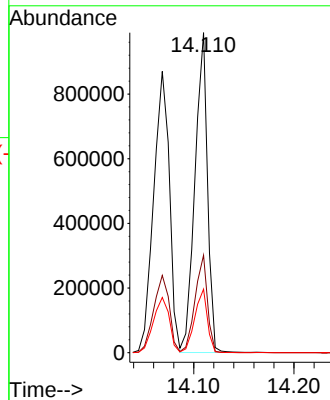
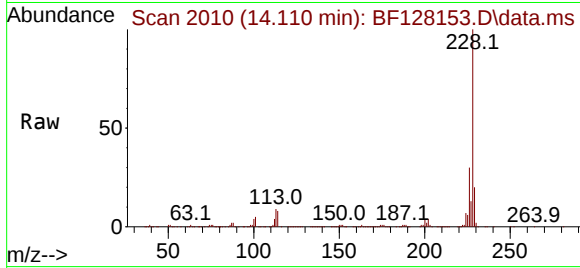
Tgt Ion:228 Resp: 858152

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.003 ng

RT: 14.039 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

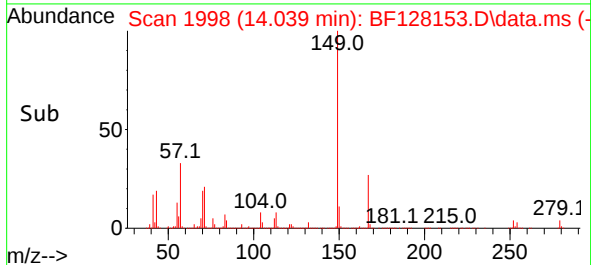
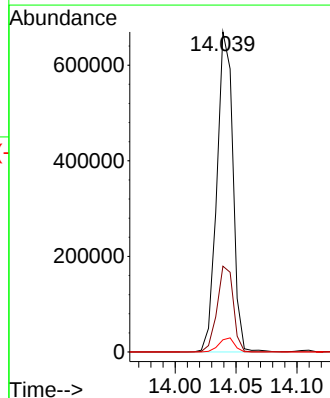
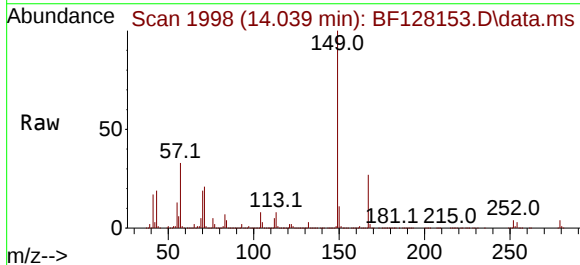
Tgt Ion:149 Resp: 612670

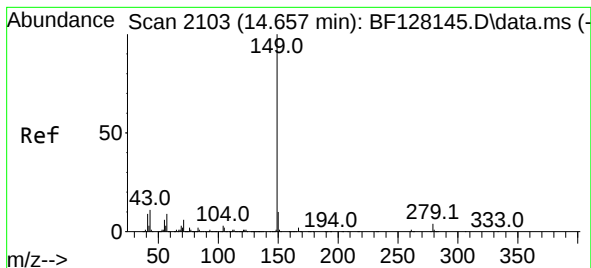
Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 49.727 ng

RT: 14.657 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

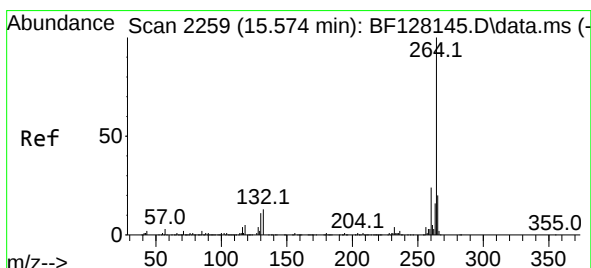
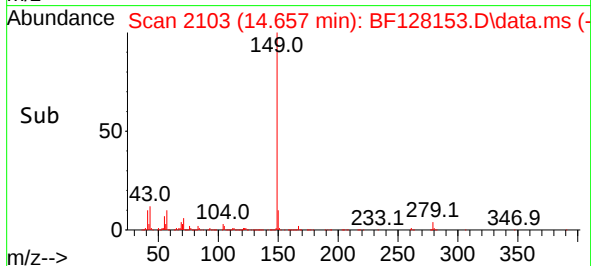
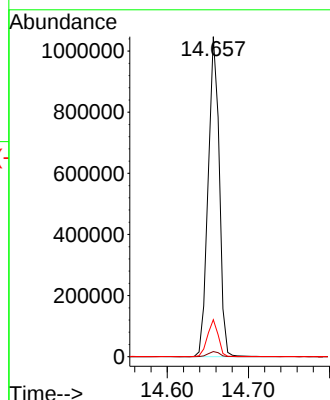
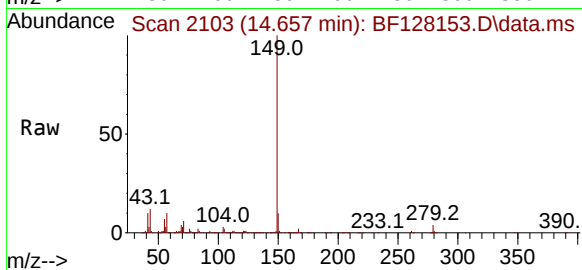
Tgt Ion:149 Resp: 993126

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

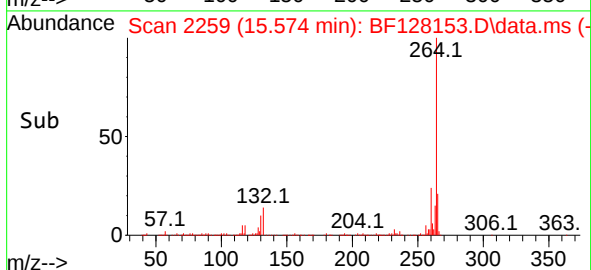
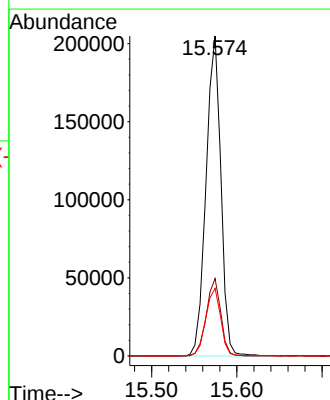
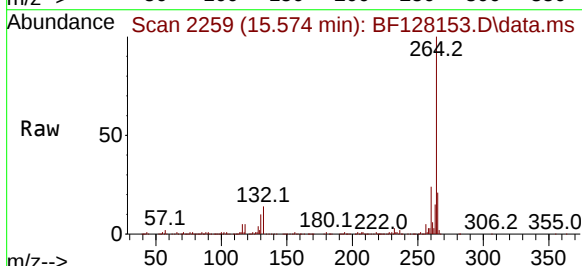
Tgt Ion:264 Resp: 247739

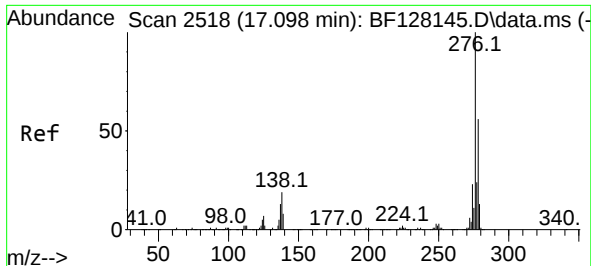
Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 21.2 17.5 26.3

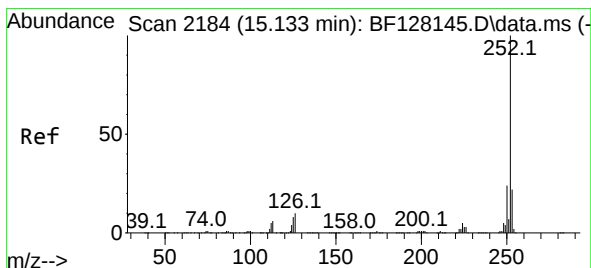
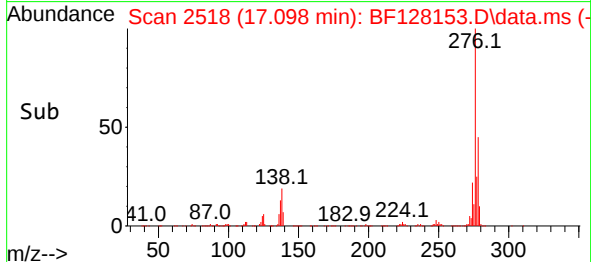
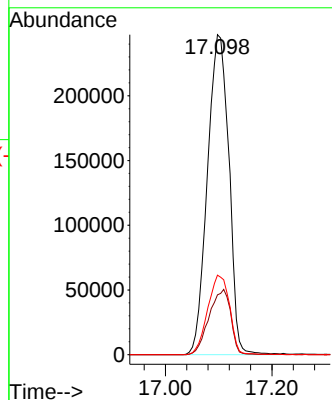
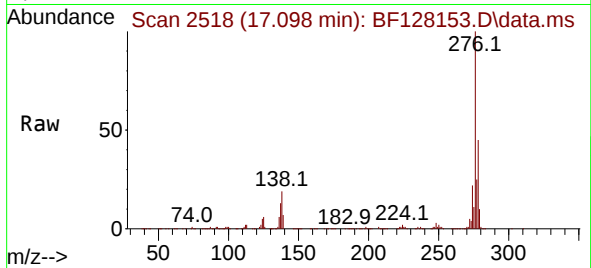




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.130 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

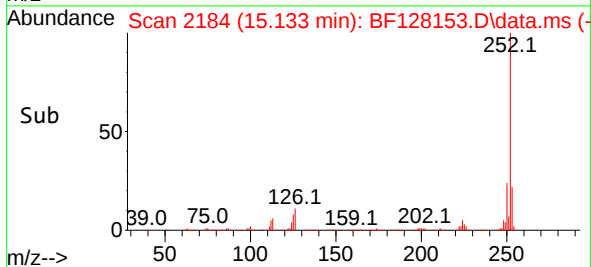
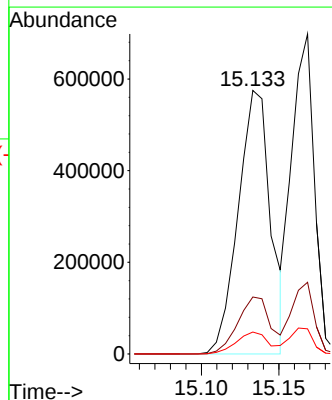
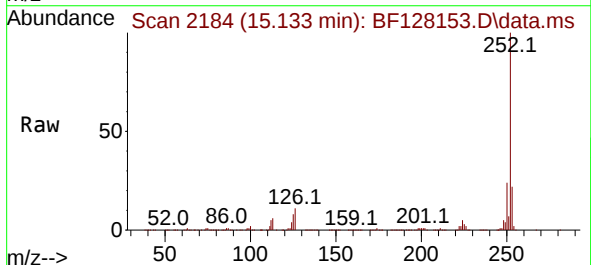
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

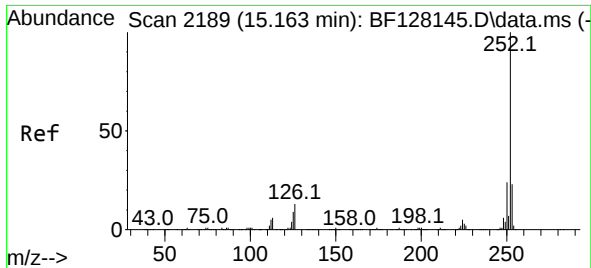
Tgt Ion:276 Resp: 691316
Ion Ratio Lower Upper
276 100
138 20.6 19.0 28.4
277 25.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 54.472 ng
RT: 15.133 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:252 Resp: 836534
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 8.3 7.4 11.2

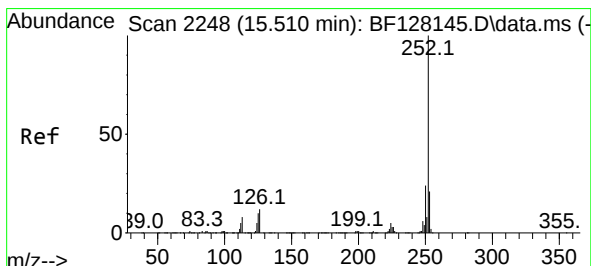
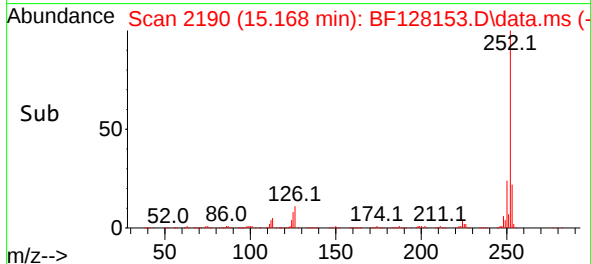
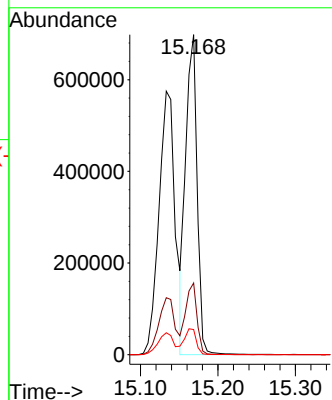
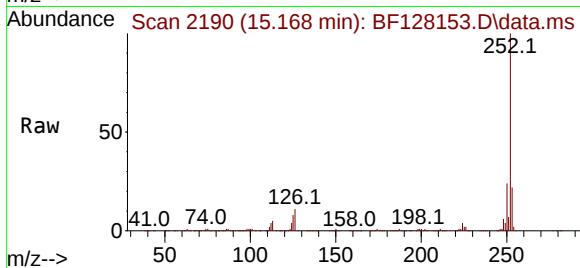




#89
Benzo(k)fluoranthene
Concen: 47.266 ng
RT: 15.168 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

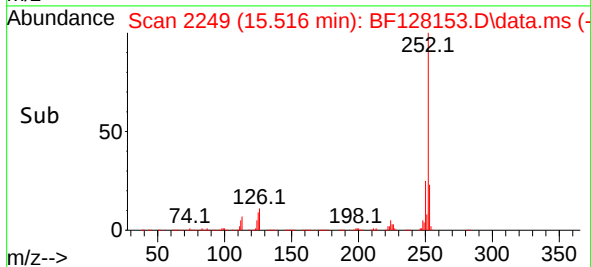
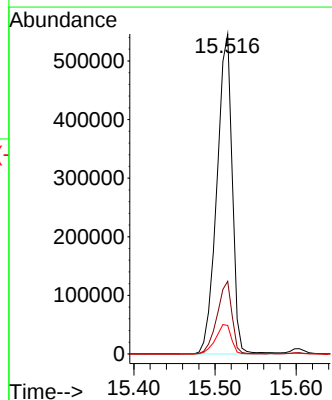
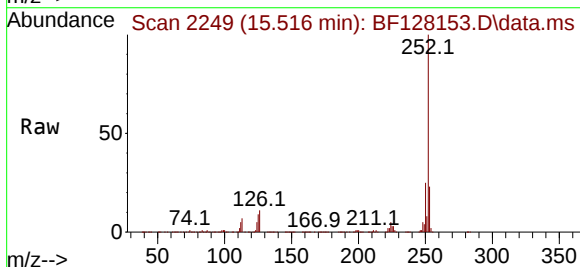
Instrument :
BNA_F
ClientSampleId :
PB144686BSD

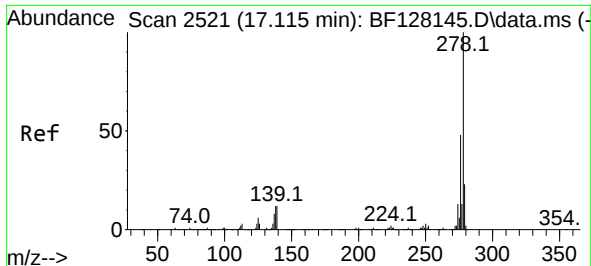
Tgt Ion:252 Resp: 716524
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 7.8 6.8 10.2



#90
Benzo(a)pyrene
Concen: 57.835 ng
RT: 15.516 min Scan# 2249
Delta R.T. 0.006 min
Lab File: BF128153.D
Acq: 09 May 2022 17:15

Tgt Ion:252 Resp: 717057
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 8.9 9.2 13.8#





#91

Dibenzo(a,h)anthracene

Concen: 49.051 ng

RT: 17.121 min Scan# 2522

Delta R.T. 0.006 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB144686BSD

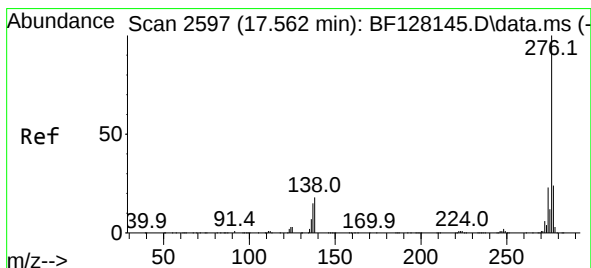
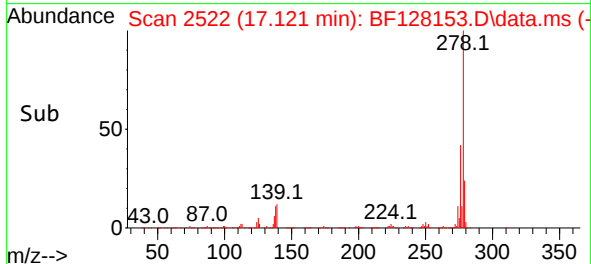
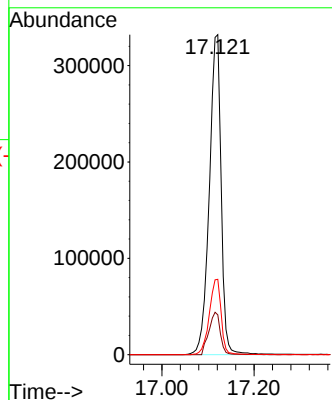
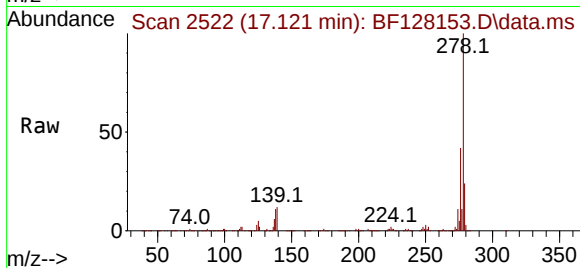
Tgt Ion:278 Resp: 595112

Ion Ratio Lower Upper

278 100

139 12.5 12.6 19.0#

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 48.645 ng

RT: 17.568 min Scan# 2598

Delta R.T. 0.006 min

Lab File: BF128153.D

Acq: 09 May 2022 17:15

Tgt Ion:276 Resp: 597579

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 17.3 16.2 24.2

