

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128395.D
 Acq On : 23 May 2022 12:27
 Operator : CG\JU
 Sample : PB145019BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145019BS

Quant Time: May 24 01:21:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	122973	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	476035	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	209326	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	371940	20.000	ng	0.00
76) Chrysene-d12	14.045	240	288077	20.000	ng	0.00
86) Perylene-d12	15.533	264	223644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	867210	112.224	ng	0.02
7) Phenol-d6	6.504	99	1100602	108.162	ng	0.00
23) Nitrobenzene-d5	7.434	82	802833	75.564	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	258183	119.597	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1205251	94.159	ng	0.00
79) Terphenyl-d14	12.980	244	1153315	77.284	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	129963	34.334	ng	99
3) Pyridine	3.534	79	288460	29.426	ng	98
4) n-Nitrosodimethylamine	3.499	42	205370	44.038	ng	99
6) Aniline	6.528	93	433891	37.281	ng	97
8) 2-Chlorophenol	6.646	128	359105	45.452	ng	98
9) Benzaldehyde	6.416	77	194514	35.182	ng	97
10) Phenol	6.516	94	442889	40.929	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	372588	46.136	ng	99
12) 1,3-Dichlorobenzene	6.798	146	371481	41.870	ng	98
13) 1,4-Dichlorobenzene	6.875	146	374574	41.605	ng	98
14) 1,2-Dichlorobenzene	7.028	146	350606	42.000	ng	99
15) Benzyl Alcohol	7.010	79	343859	45.648	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	529261	44.442	ng	74
17) 2-Methylphenol	7.122	107	290486	43.781	ng	# 91
18) Hexachloroethane	7.363	117	143491	43.024	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	256607	42.166	ng	98
20) 3+4-Methylphenols	7.275	107	323946	40.552	ng	# 79
22) Acetophenone	7.275	105	473058	40.820	ng	# 85
24) Nitrobenzene	7.451	77	420522	42.288	ng	98
25) Isophorone	7.687	82	743838	45.685	ng	99
26) 2-Nitrophenol	7.763	139	189996	44.087	ng	97
27) 2,4-Dimethylphenol	7.798	122	300548	47.899	ng	98
28) bis(2-Chloroethoxy)met...	7.893	93	441817	42.934	ng	99
29) 2,4-Dichlorophenol	8.004	162	292433	42.996	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	324645	42.035	ng	99
31) Naphthalene	8.163	128	982461	42.351	ng	100
32) Benzoic acid	7.957	122	189191	42.347	ng	97
33) 4-Chloroaniline	8.216	127	280433	30.210	ng	98
34) Hexachlorobutadiene	8.269	225	206644	41.311	ng	99
35) Caprolactam	8.610	113	47897	21.818	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	320639	43.504	ng	97
37) 2-Methylnaphthalene	8.857	142	665329	43.741	ng	98
38) 1-Methylnaphthalene	8.957	142	609089	41.630	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	319731	52.383	ng	98
41) Hexachlorocyclopentadiene	8.998	237	248692	109.417	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	195542	50.760	ng	100

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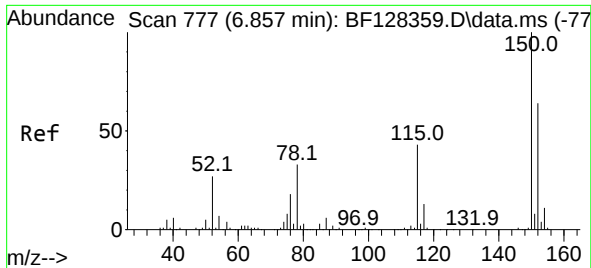
Quant Time: May 24 01:21:46 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	208941	50.989	ng	98
46) 1,1'-Biphenyl	9.322	154	806258	53.304	ng	100
47) 2-Chloronaphthalene	9.351	162	584318	52.080	ng	99
48) 2-Nitroaniline	9.457	65	216834	53.345	ng	95
49) Acenaphthylene	9.769	152	762034	45.391	ng	99
50) Dimethylphthalate	9.628	163	713162	53.484	ng	99
51) 2,6-Dinitrotoluene	9.698	165	161194	55.275	ng	94
52) Acenaphthene	9.939	154	455040	43.163	ng	99
53) 3-Nitroaniline	9.869	138	105051	32.002	ng	97
54) 2,4-Dinitrophenol	9.986	184	123388	83.428	ng	# 86
55) Dibenzofuran	10.110	168	663185	41.492	ng	97
56) 4-Nitrophenol	10.045	139	135538	71.787	ng	# 79
57) 2,4-Dinitrotoluene	10.104	165	166780	45.392	ng	# 61
58) Fluorene	10.457	166	544445	43.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	139039	41.308	ng	98
60) Diethylphthalate	10.328	149	581393	45.248	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	266334	43.142	ng	94
62) 4-Nitroaniline	10.492	138	125120	37.661	ng	92
63) Azobenzene	10.604	77	641579	44.562	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	94082	41.156	ng	85
66) n-Nitrosodiphenylamine	10.569	169	477668	44.361	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	171403	44.034	ng	97
68) Hexachlorobenzene	10.998	284	192369	45.453	ng	98
69) Atrazine	11.092	200	173845	49.185	ng	96
70) Pentachlorophenol	11.204	266	142468	83.183	ng	97
71) Phenanthrene	11.422	178	802981	44.238	ng	100
72) Anthracene	11.475	178	817471	45.314	ng	100
73) Carbazole	11.633	167	716344	39.818	ng	99
74) Di-n-butylphthalate	11.945	149	898159	45.703	ng	99
75) Fluoranthene	12.616	202	844478	42.960	ng	96
77) Benzidine	12.733	184	289038	48.240	ng	99
78) Pyrene	12.845	202	854182	39.602	ng	100
80) Butylbenzylphthalate	13.451	149	415911	48.082	ng	98
81) Benzo(a)anthracene	14.033	228	795073	43.379	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	198673	47.500	ng	100
83) Chrysene	14.074	228	762802	43.698	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	534703	46.747	ng	99
85) Di-n-octyl phthalate	14.616	149	885912	48.198	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	548837	42.996	ng	97
88) Benzo(b)fluoranthene	15.098	252	671737	48.284	ng	98
89) Benzo(k)fluoranthene	15.127	252	613097	47.052	ng	99
90) Benzo(a)pyrene	15.468	252	614024	54.981	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	462395	45.146	ng	97
92) Benzo(g,h,i)perylene	17.504	276	476813	44.623	ng	98

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

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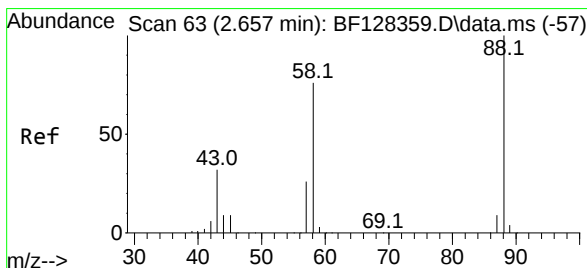
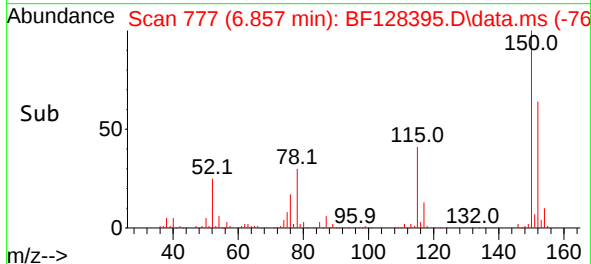
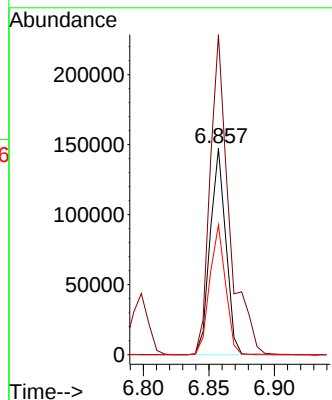
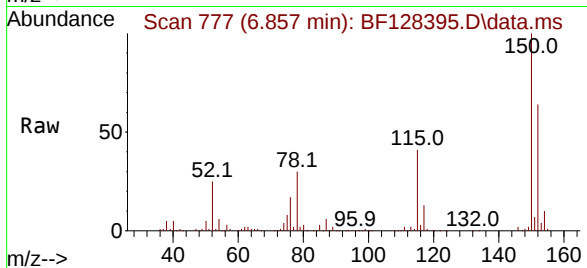




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128395.D
 Acq: 23 May 2022 12:27

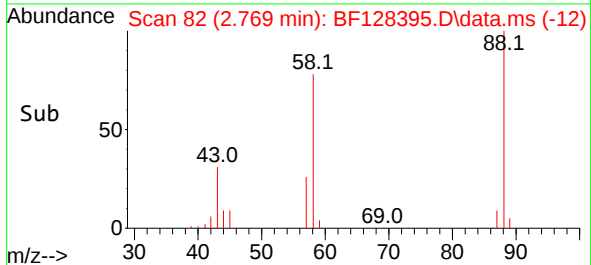
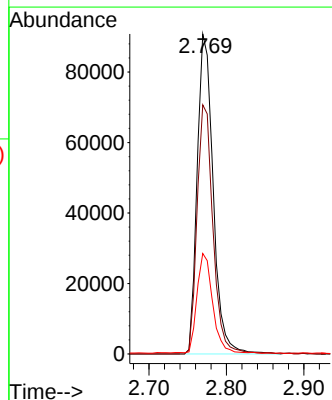
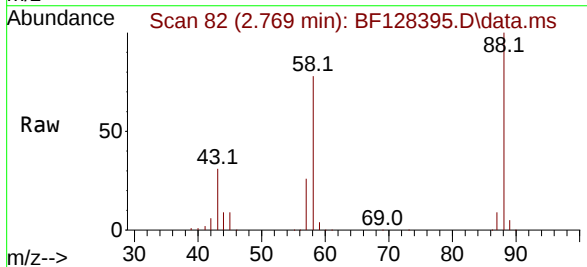
Instrument :
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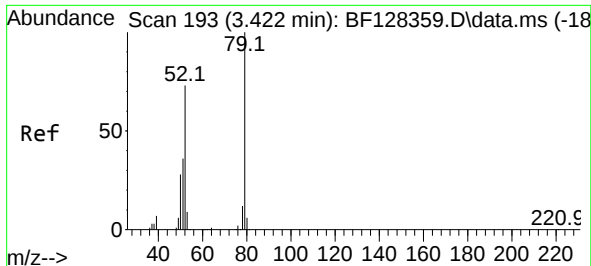
Tgt Ion:152 Resp: 122973
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.3 187.9
 115 62.9 48.8 73.2



#2
 1,4-Dioxane
 Concen: 34.334 ng
 RT: 2.769 min Scan# 82
 Delta R.T. 0.112 min
 Lab File: BF128395.D
 Acq: 23 May 2022 12:27

Tgt Ion: 88 Resp: 129963
 Ion Ratio Lower Upper
 88 100
 58 77.5 61.0 91.4
 43 30.8 24.9 37.3





#3

Pyridine

Concen: 29.426 ng

RT: 3.534 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

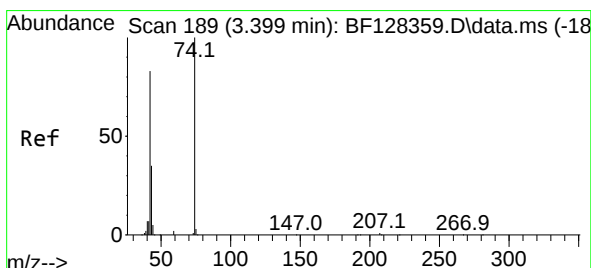
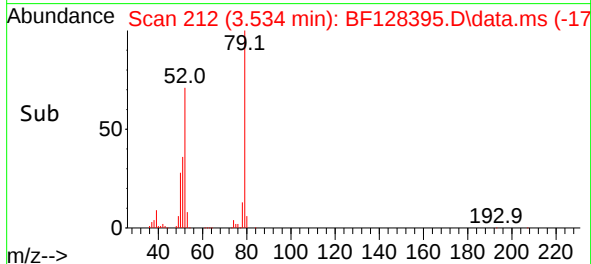
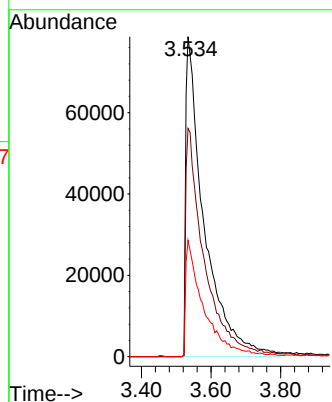
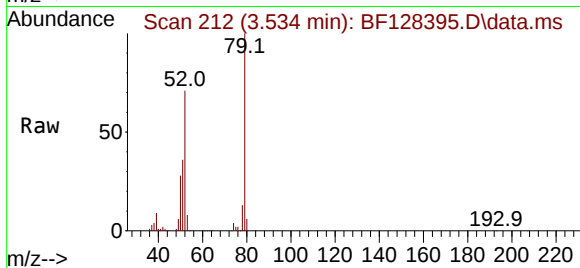
Tgt Ion: 79 Resp: 288460

Ion Ratio Lower Upper

79 100

52 71.3 58.3 87.5

51 36.4 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 44.038 ng

RT: 3.499 min Scan# 206

Delta R.T. 0.100 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

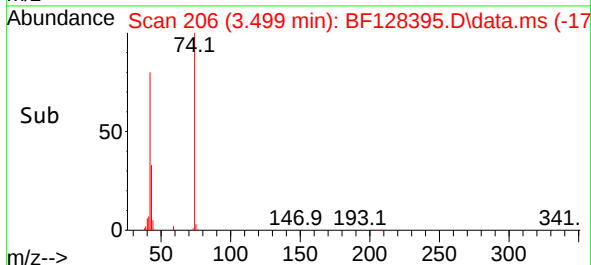
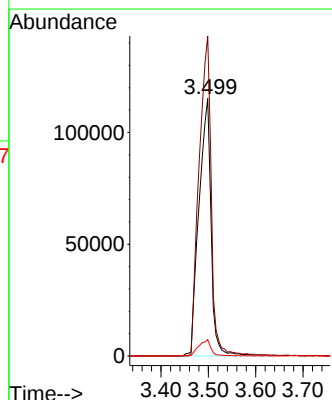
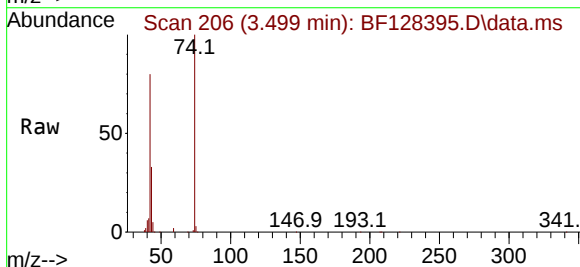
Tgt Ion: 42 Resp: 205370

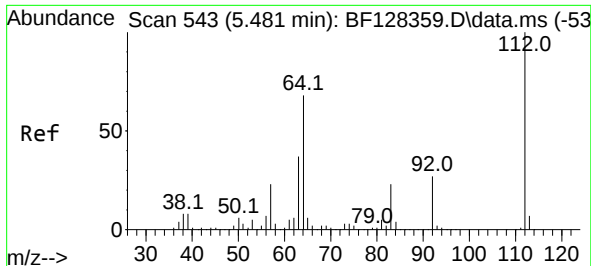
Ion Ratio Lower Upper

42 100

74 124.3 99.0 148.4

44 6.4 5.2 7.8

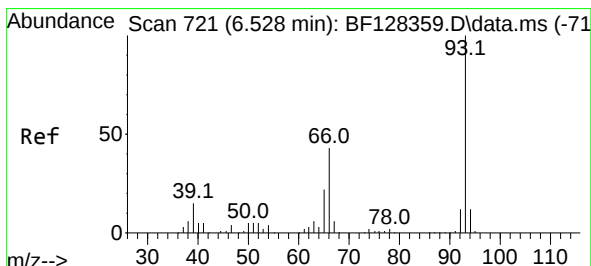
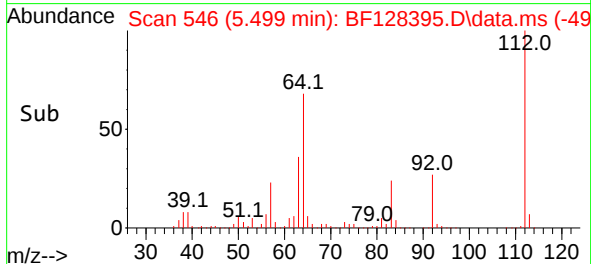
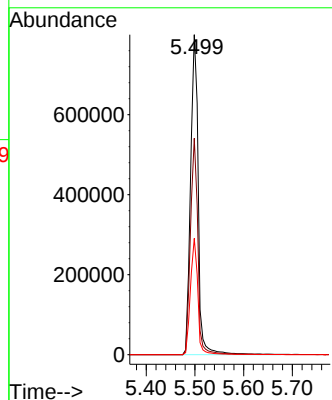
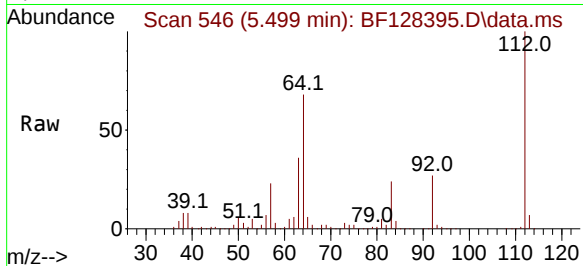




#5
2-Fluorophenol
Concen: 112.224 ng
RT: 5.499 min Scan# 543
Delta R.T. 0.018 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

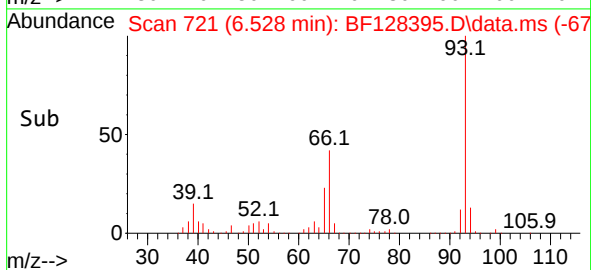
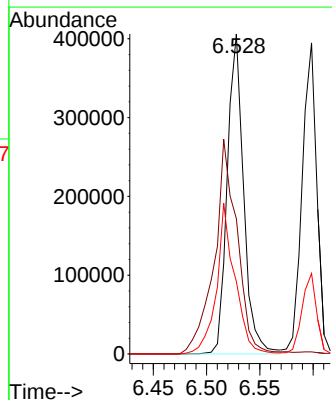
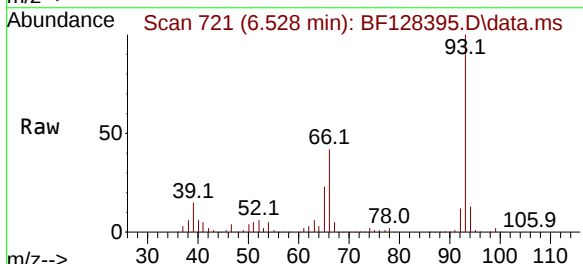
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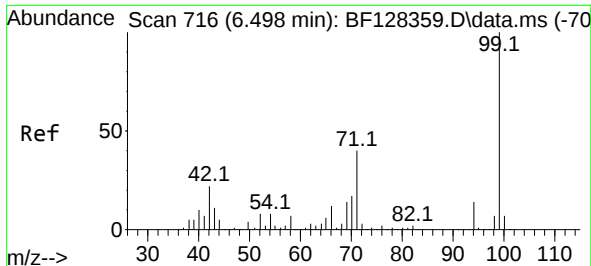
Tgt Ion:112 Resp: 867210
Ion Ratio Lower Upper
112 100
64 67.6 49.5 74.3
63 36.3 26.3 39.5



#6
Aniline
Concen: 37.281 ng
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion: 93 Resp: 433891
Ion Ratio Lower Upper
93 100
66 42.3 32.2 48.4
65 22.6 16.7 25.1

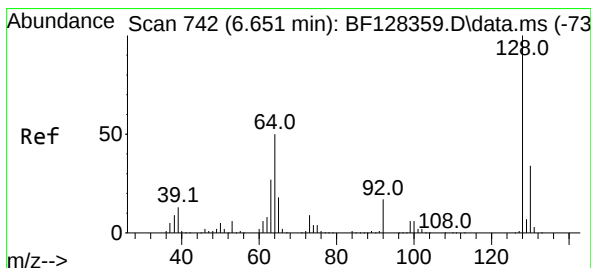
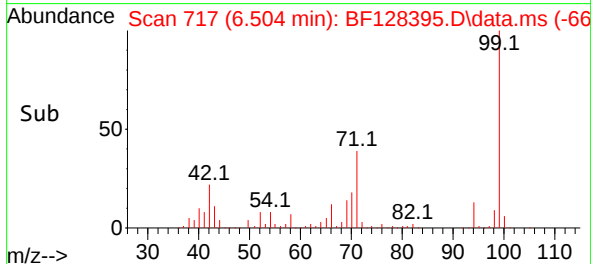
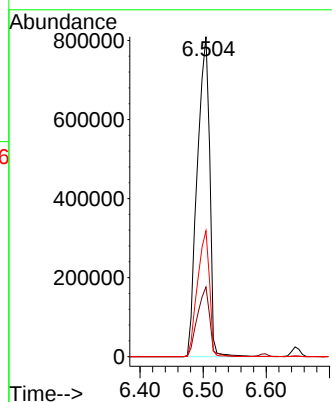
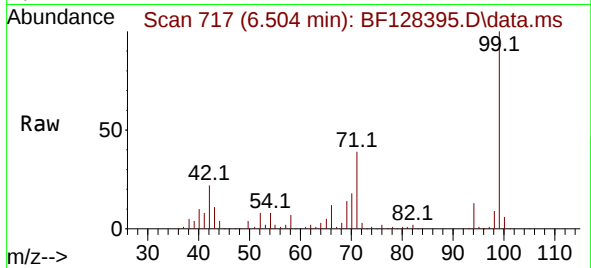




#7
Phenol-d6
Concen: 108.162 ng
RT: 6.504 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

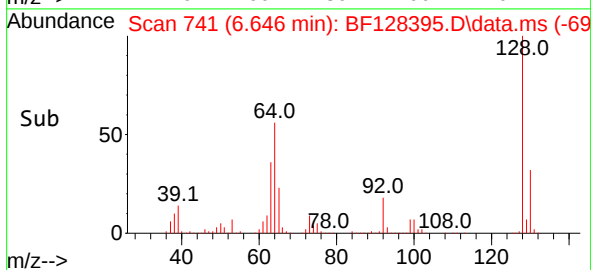
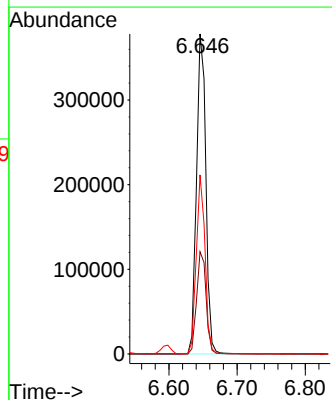
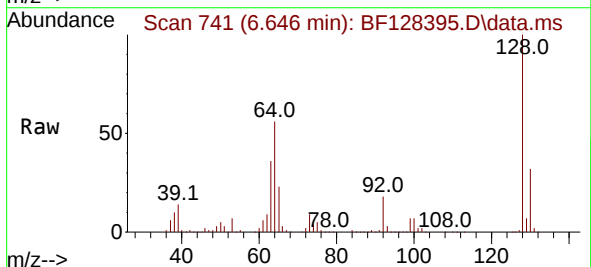
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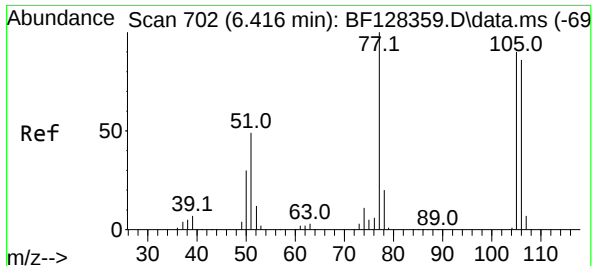
Tgt Ion: 99 Resp: 1100602
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 39.3 30.0 45.0



#8
2-Chlorophenol
Concen: 45.452 ng
RT: 6.646 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:128 Resp: 359105
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 55.9 33.8 73.8





#9

Benzaldehyde

Concen: 35.182 ng

RT: 6.416 min Scan# 702

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

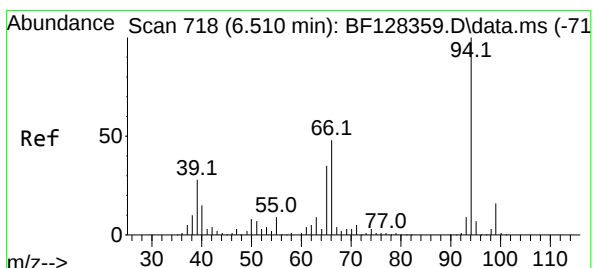
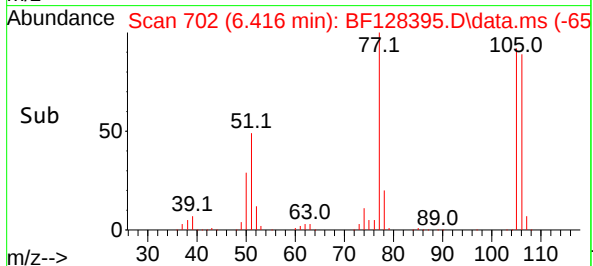
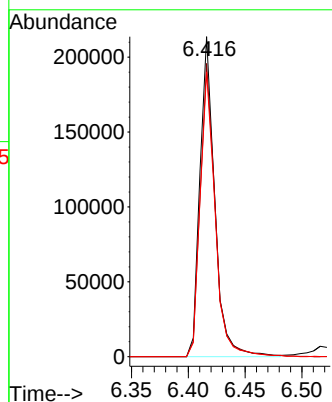
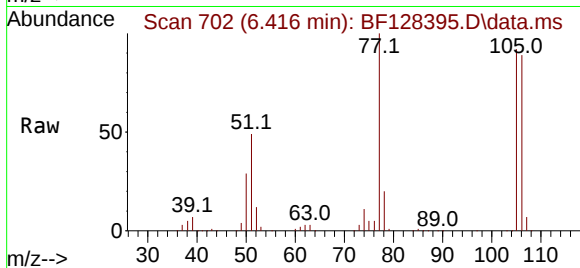
Tgt Ion: 77 Resp: 194514

Ion Ratio Lower Upper

77 100

105 91.6 74.9 114.9

106 89.0 72.2 112.2



#10

Phenol

Concen: 40.929 ng

RT: 6.516 min Scan# 719

Delta R.T. 0.006 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

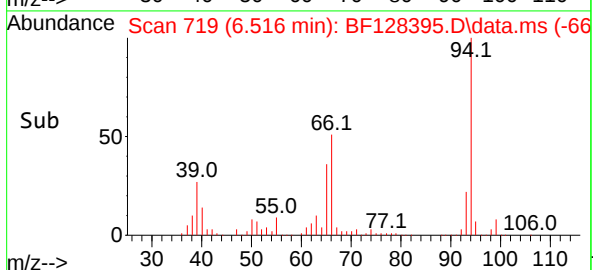
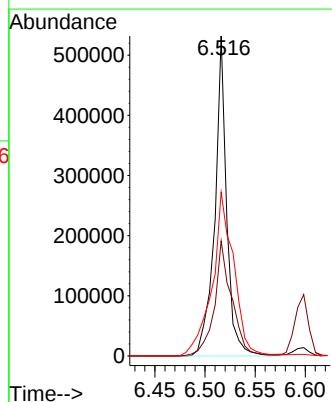
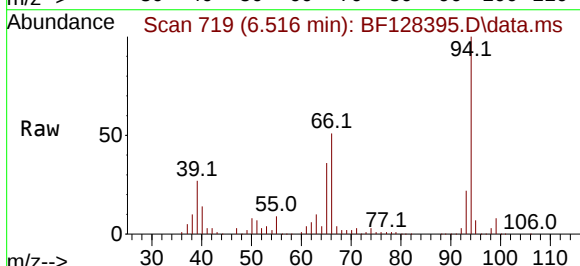
Tgt Ion: 94 Resp: 442889

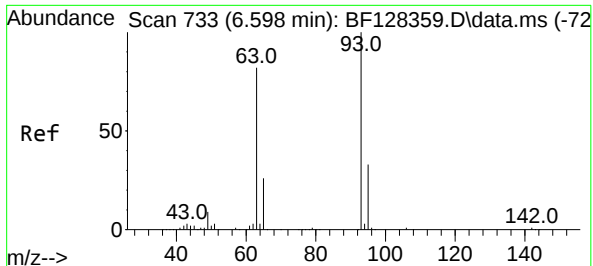
Ion Ratio Lower Upper

94 100

65 35.9 10.6 50.6

66 51.2 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 46.136 ng

RT: 6.598 min Scan# 711

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

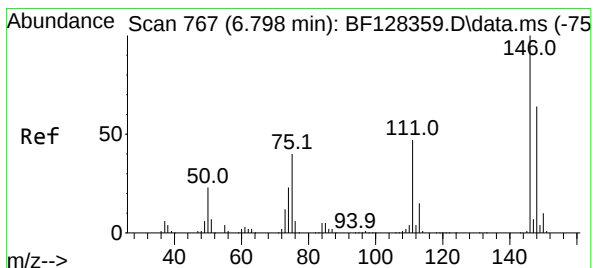
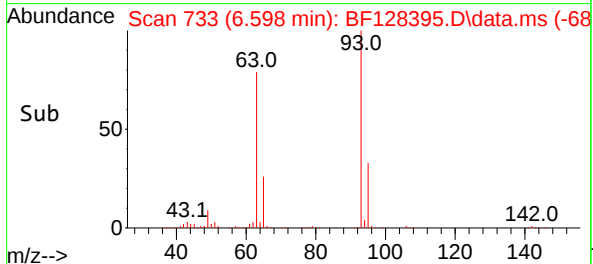
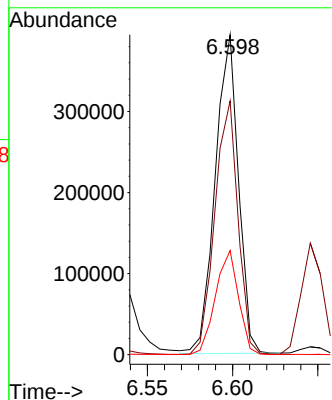
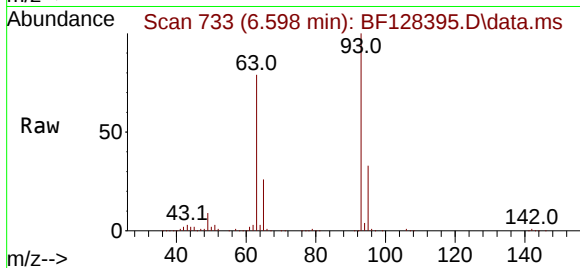
Tgt Ion: 93 Resp: 372588

Ion Ratio Lower Upper

93 100

63 79.3 58.6 98.6

95 32.5 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 41.870 ng

RT: 6.798 min Scan# 767

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

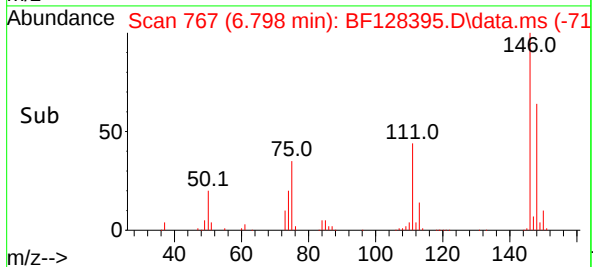
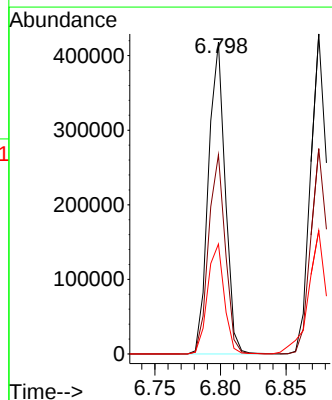
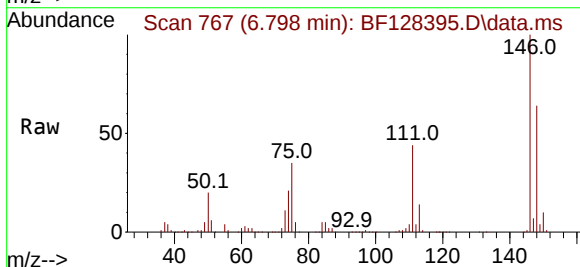
Tgt Ion:146 Resp: 371481

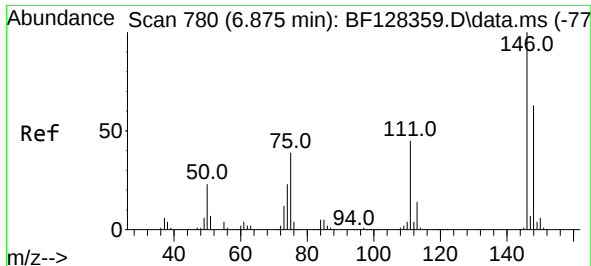
Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

75 35.3 26.2 39.4

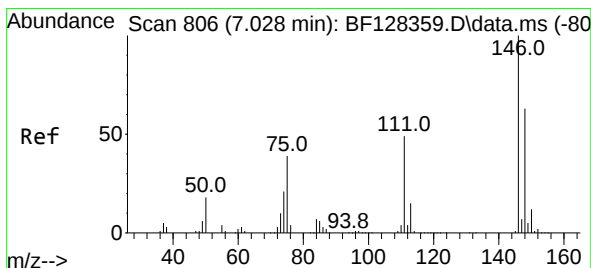
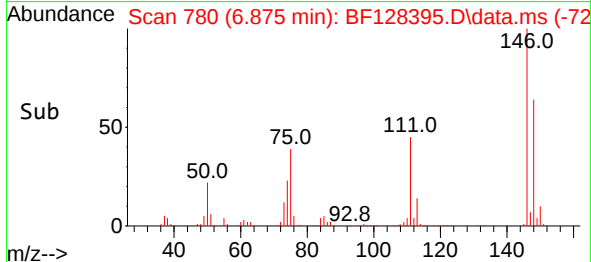
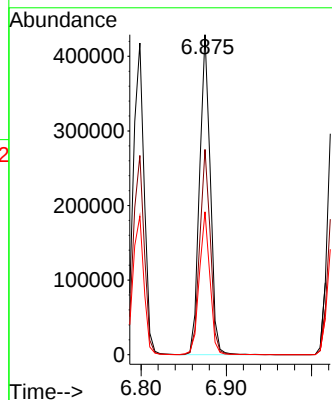
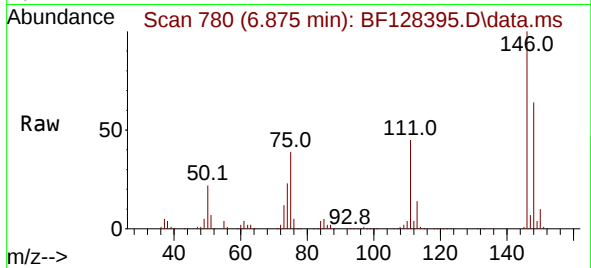




#13
1,4-Dichlorobenzene
Concen: 41.605 ng
RT: 6.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

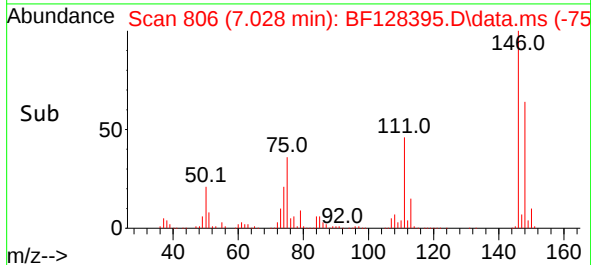
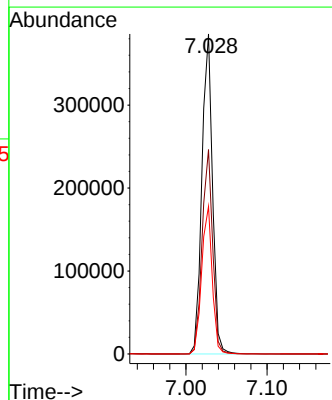
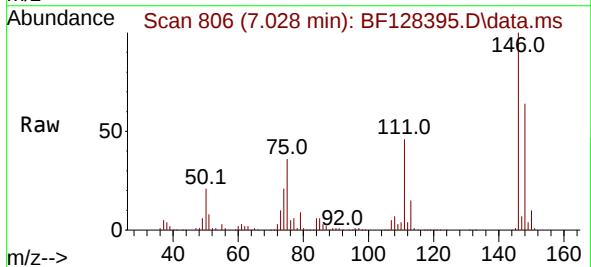
Instrument :
BNA_F
ClientSampleId :
PB145019BS

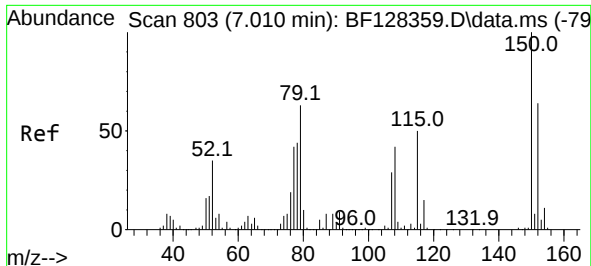
Tgt Ion:146 Resp: 374574
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
111 44.6 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 42.000 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:146 Resp: 350606
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
111 46.1 36.6 55.0

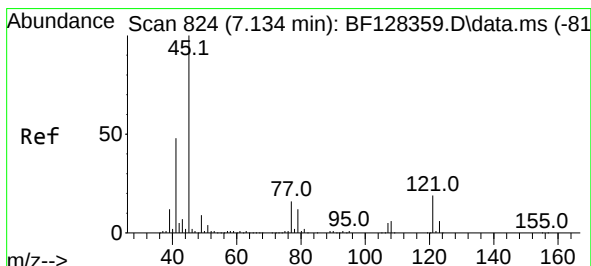
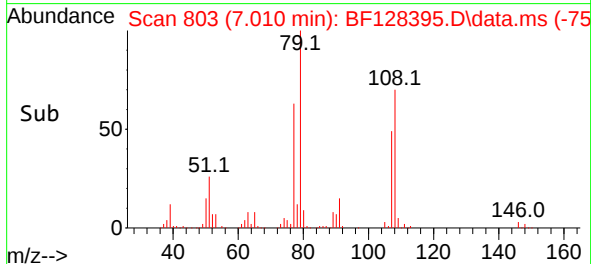
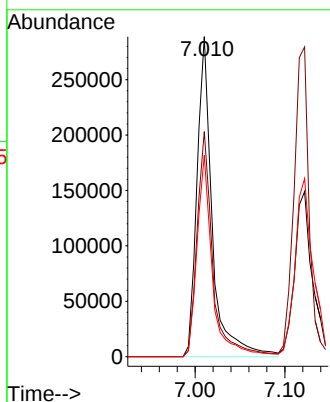
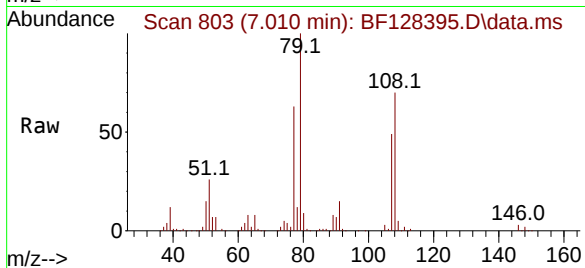




#15
Benzyl Alcohol
Concen: 45.648 ng
RT: 7.010 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

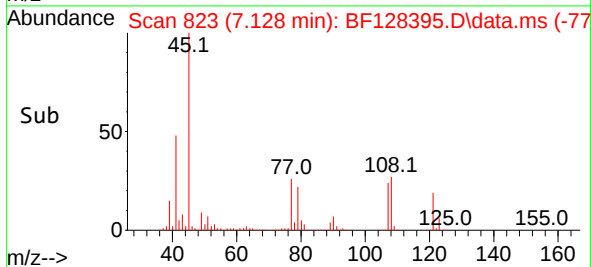
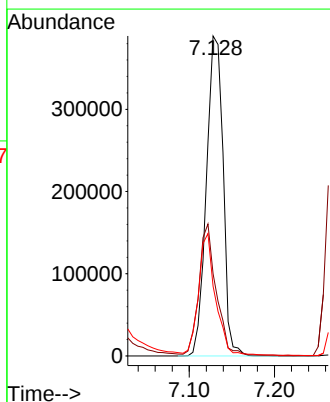
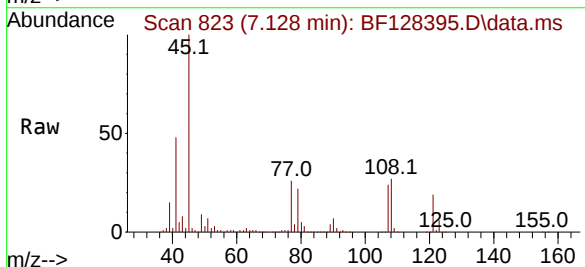
Instrument :
BNA_F
ClientSampleId :
PB145019BS

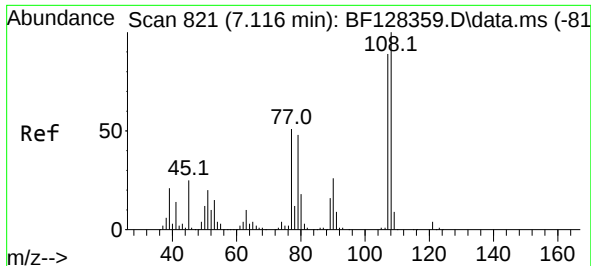
Tgt Ion: 79 Resp: 343859
Ion Ratio Lower Upper
79 100
108 70.4 57.0 85.6
77 62.9 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.442 ng
RT: 7.128 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion: 45 Resp: 529261
Ion Ratio Lower Upper
45 100
77 25.7 0.0 34.9
79 21.8 0.0 31.6

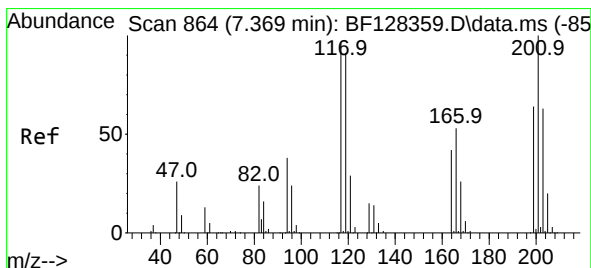
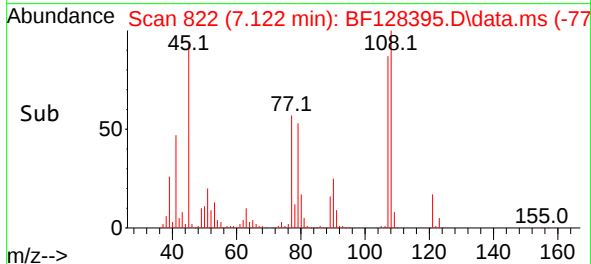
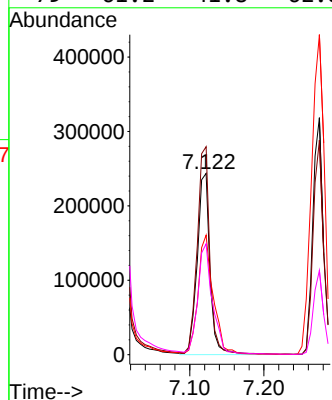
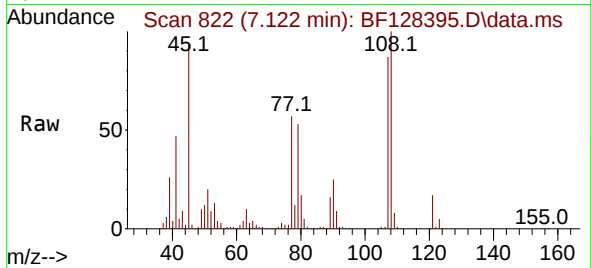




#17
2-Methylphenol
Concen: 43.781 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

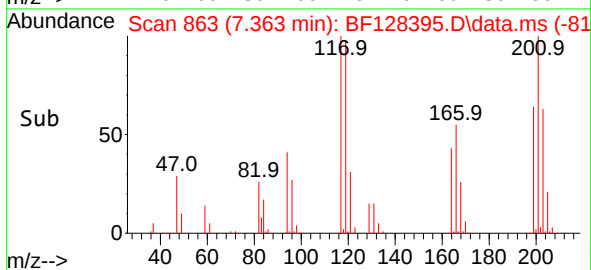
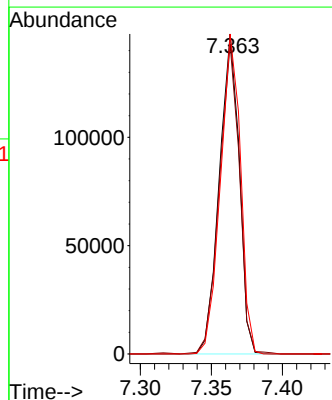
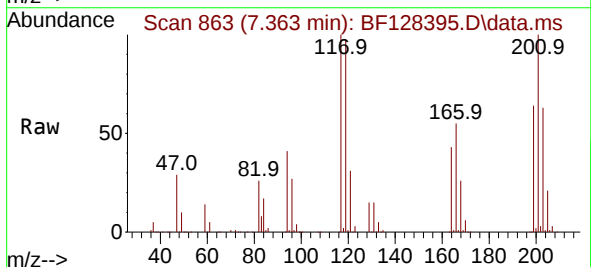
Instrument :
BNA_F
ClientSampleId :
PB145019BS

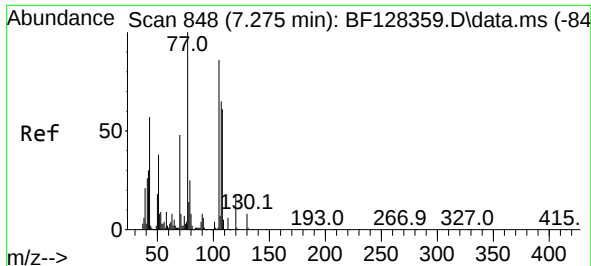
Tgt Ion:107 Resp: 290486
Ion Ratio Lower Upper
107 100
108 114.8 90.2 135.2
77 65.9 41.9 62.9#
79 61.2 41.8 62.8



#18
Hexachloroethane
Concen: 43.024 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:117 Resp: 143491
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.4
201 100.0 84.4 126.6

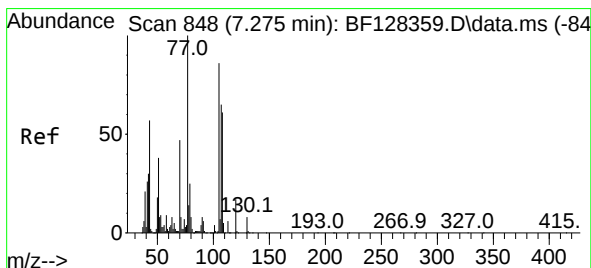
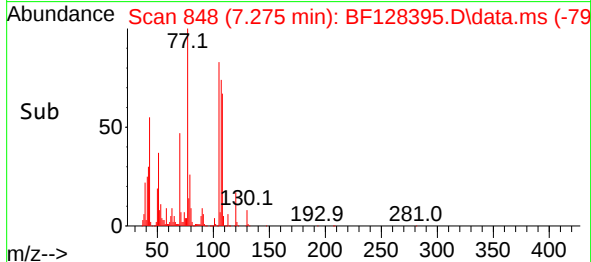
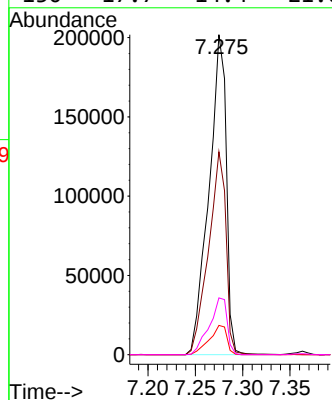
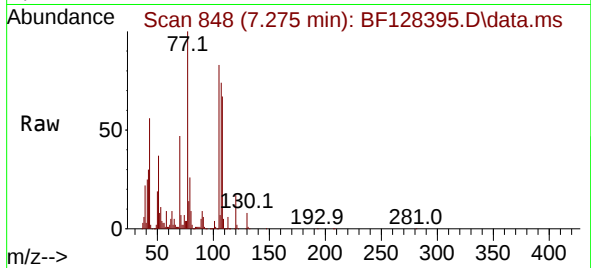




#19
n-Nitroso-di-n-propylamine
Concen: 42.166 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

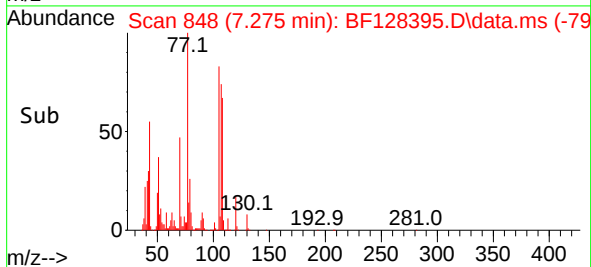
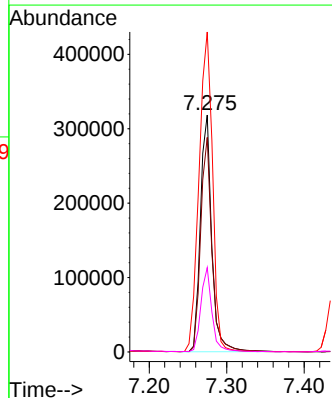
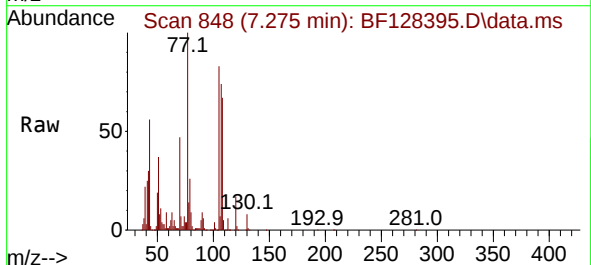
Instrument :
BNA_F
ClientSampleId :
PB145019BS

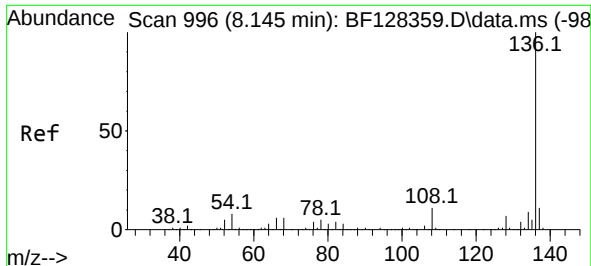
Tgt Ion:	70	Resp:	256607
Ion Ratio	Lower	Upper	
70	100		
42	63.4	48.7	73.1
101	9.1	7.2	10.8
130	17.7	14.4	21.6



#20
3+4-Methylphenols
Concen: 40.552 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

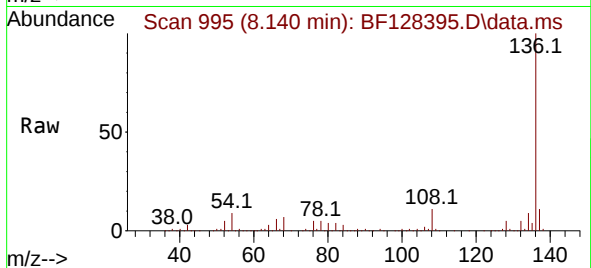
Tgt Ion:	107	Resp:	323946
Ion Ratio	Lower	Upper	
107	100		
108	90.5	73.4	113.4
77	135.0	71.1	111.1#
79	35.6	17.1	57.1



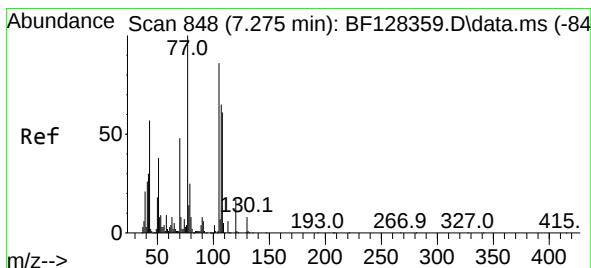
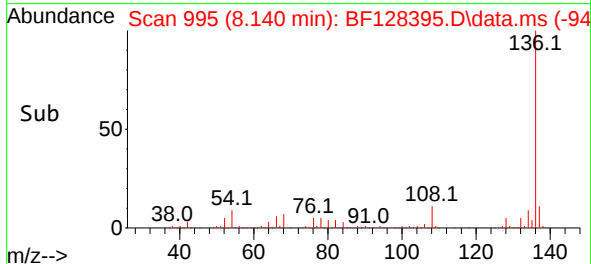
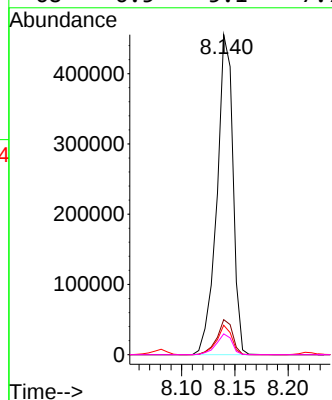


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Instrument :
BNA_F
ClientSampleId :
PB145019BS

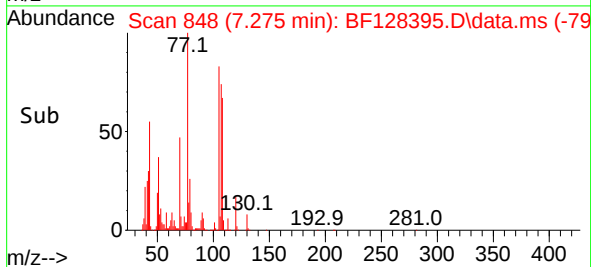
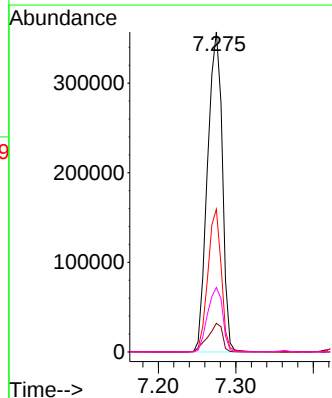
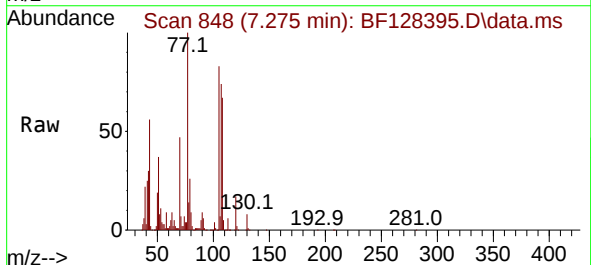


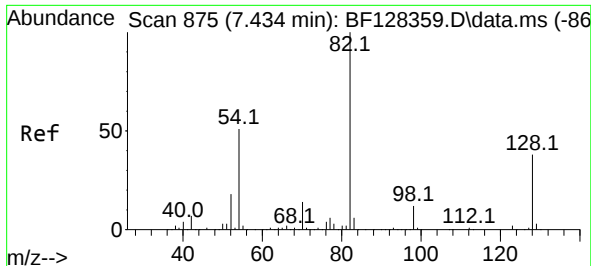
Tgt Ion:	136	Resp:	476035
Ion Ratio	100	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.2	6.8	10.2
68	6.5	5.1	7.7



#22
Acetophenone
Concen: 40.820 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:	105	Resp:	473058
Ion Ratio	100	Lower	Upper
105	100		
71	8.9	7.3	10.9
51	44.6	23.7	35.5
120	20.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 75.564 ng

RT: 7.434 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

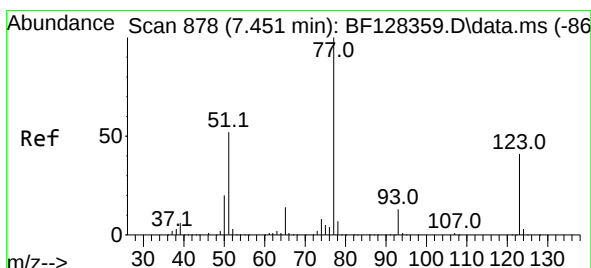
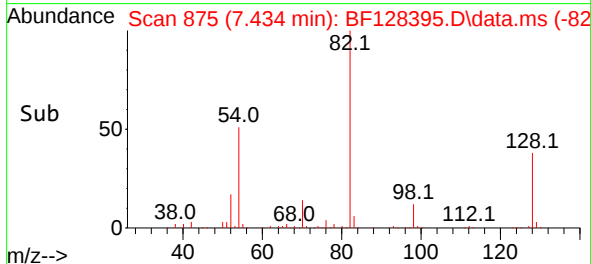
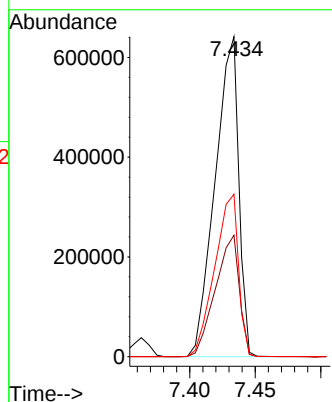
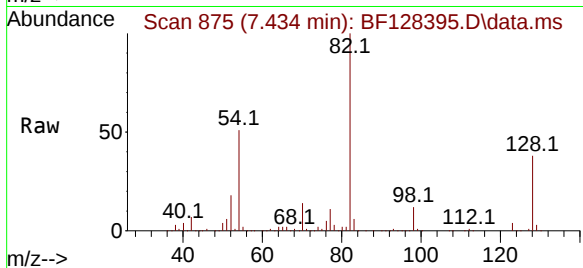
Tgt Ion: 82 Resp: 802833

Ion Ratio Lower Upper

82 100

128 37.9 30.0 45.0

54 50.8 41.3 61.9



#24

Nitrobenzene

Concen: 42.288 ng

RT: 7.451 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

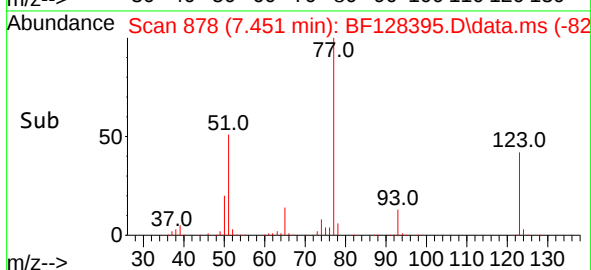
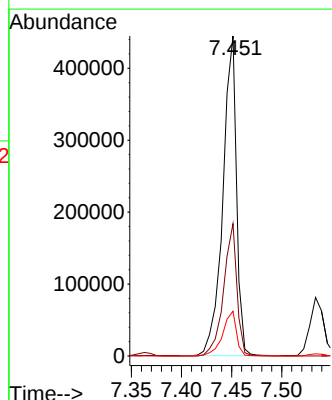
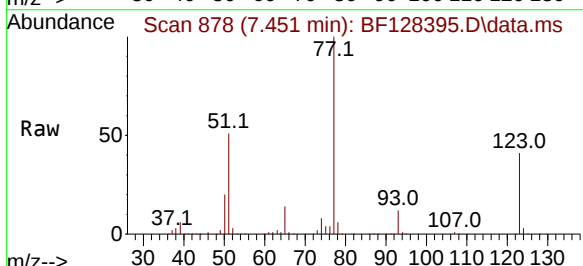
Tgt Ion: 77 Resp: 420522

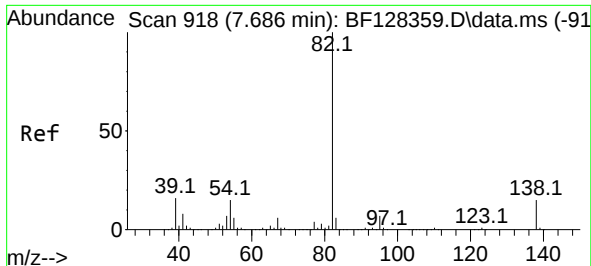
Ion Ratio Lower Upper

77 100

123 41.3 32.0 48.0

65 14.0 11.0 16.6

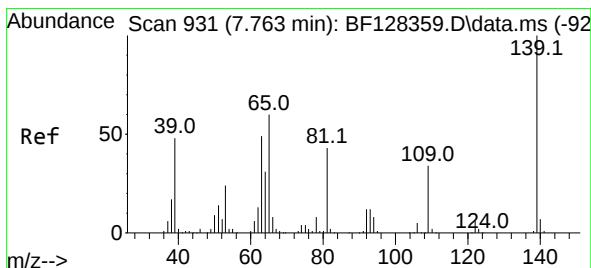
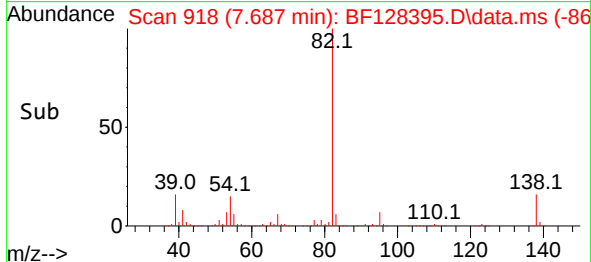
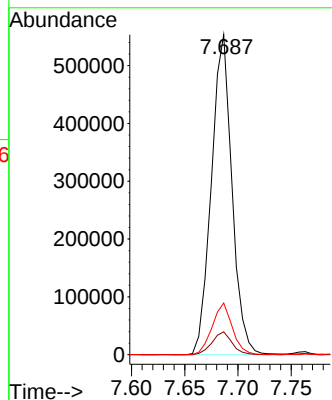
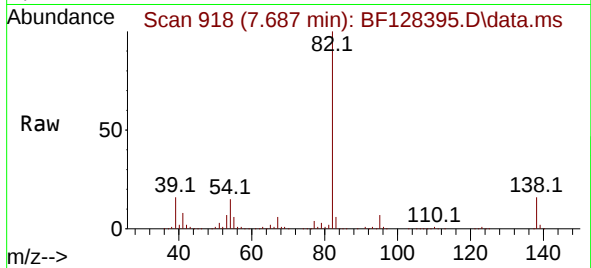




#25
Isophorone
Concen: 45.685 ng
RT: 7.687 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

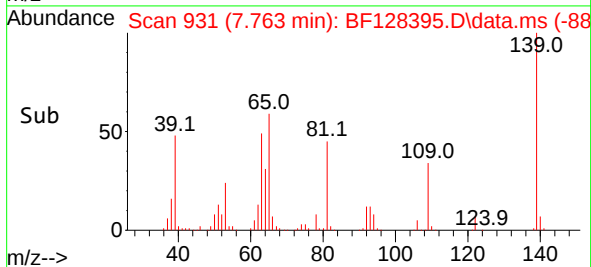
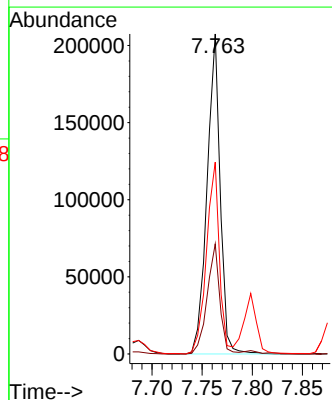
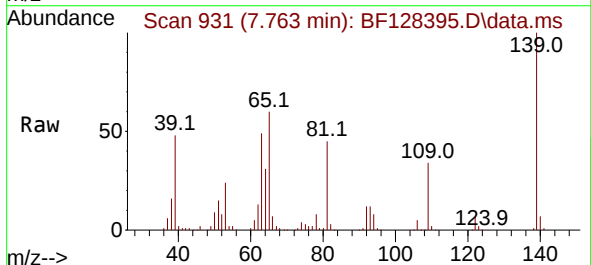
Instrument :
BNA_F
ClientSampleId :
PB145019BS

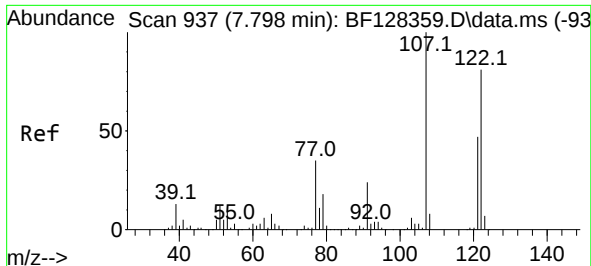
Tgt Ion: 82 Resp: 743838
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 16.1 12.5 18.7



#26
2-Nitrophenol
Concen: 44.087 ng
RT: 7.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion: 139 Resp: 189996
Ion Ratio Lower Upper
139 100
109 34.4 27.4 41.2
65 60.0 50.8 76.2

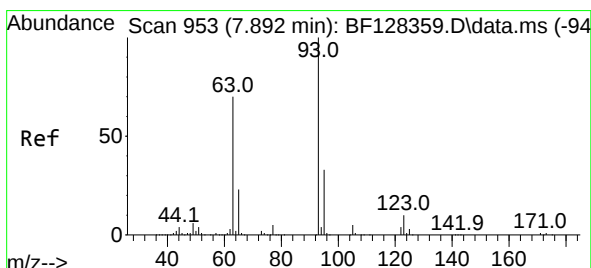
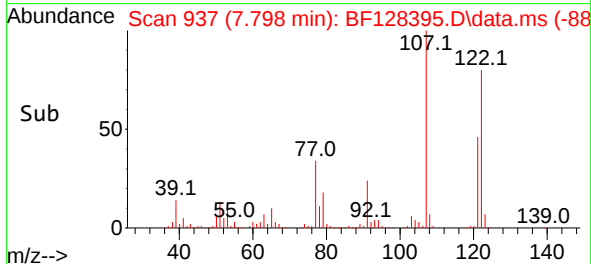
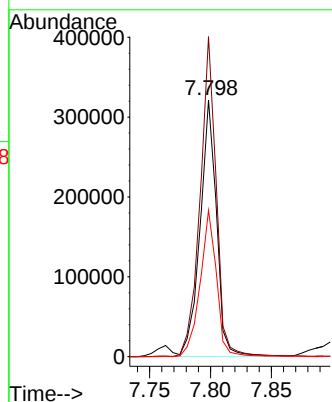
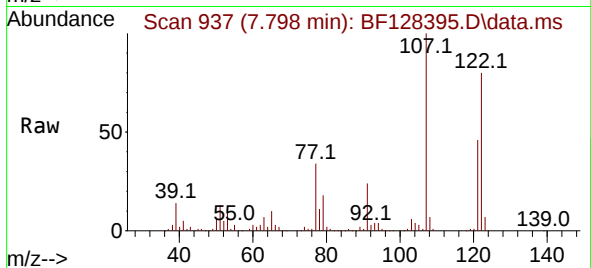




#27
2,4-Dimethylphenol
Concen: 47.899 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

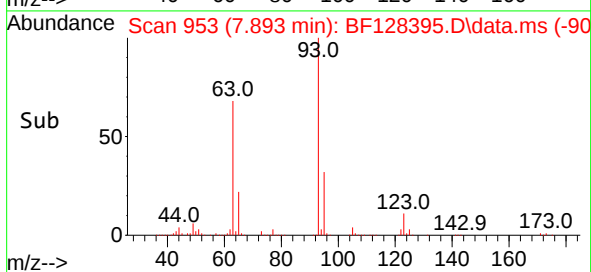
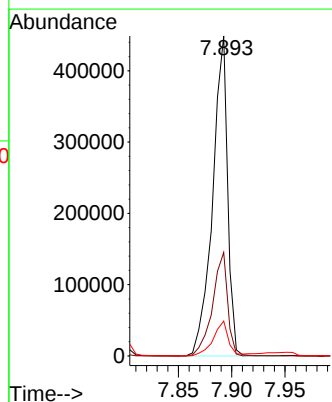
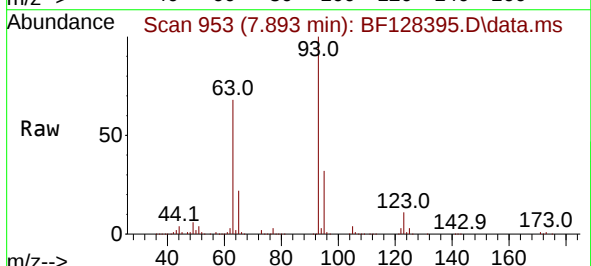
Instrument :
BNA_F
ClientSampleId :
PB145019BS

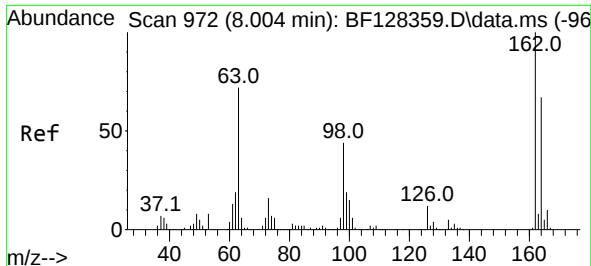
Tgt Ion:122 Resp: 300548
Ion Ratio Lower Upper
122 100
107 124.7 97.5 146.3
121 57.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.934 ng
RT: 7.893 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion: 93 Resp: 441817
Ion Ratio Lower Upper
93 100
95 32.4 25.7 38.5
123 10.9 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 42.996 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF128395.D

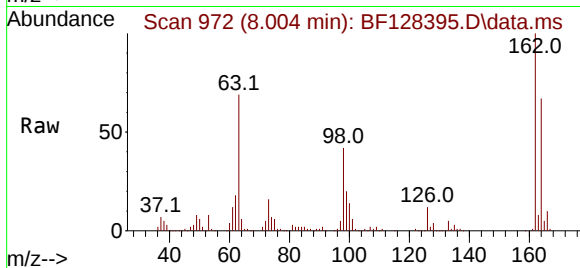
Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS



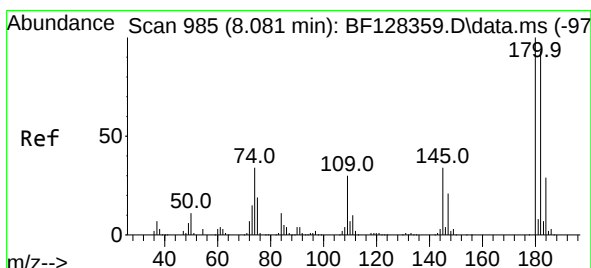
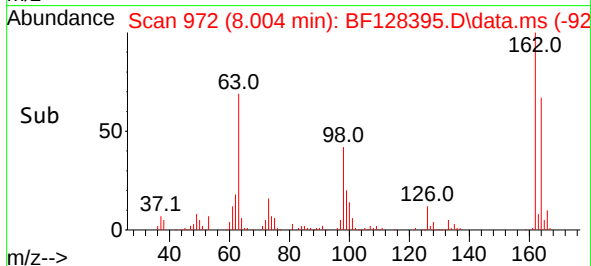
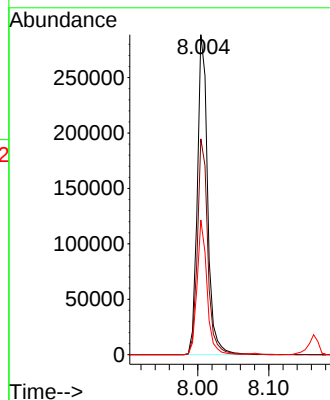
Tgt Ion:162 Resp: 292433

Ion Ratio Lower Upper

162 100

164 67.4 47.1 87.1

98 42.1 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 42.035 ng

RT: 8.081 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

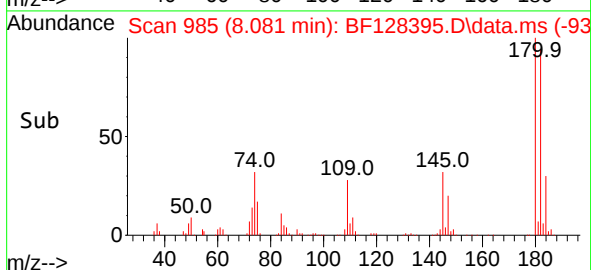
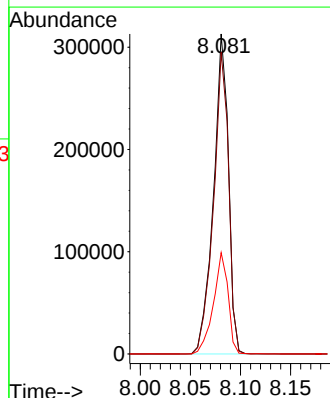
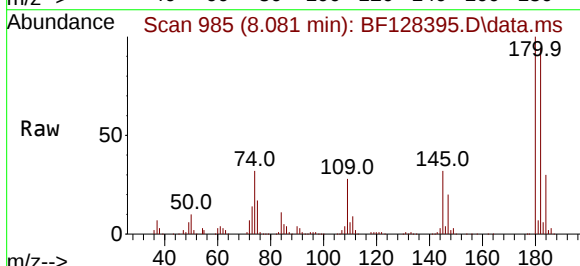
Tgt Ion:180 Resp: 324645

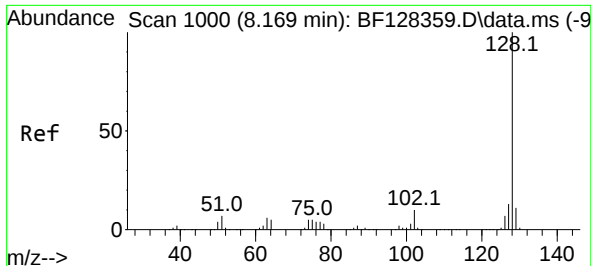
Ion Ratio Lower Upper

180 100

182 94.3 76.4 114.6

145 31.6 25.1 37.7





#31

Naphthalene

Concen: 42.351 ng

RT: 8.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

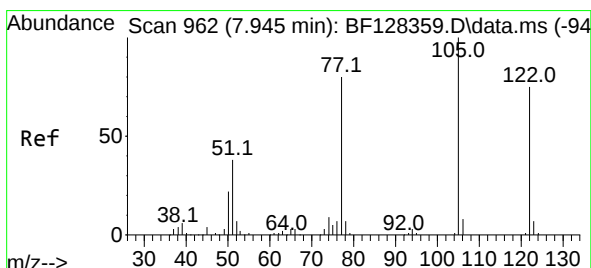
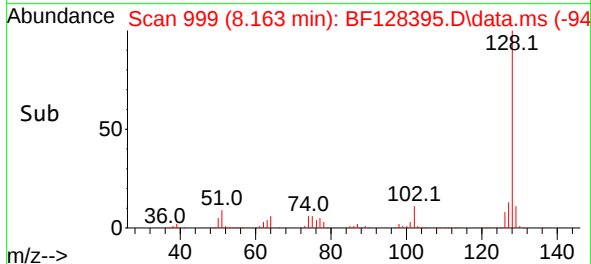
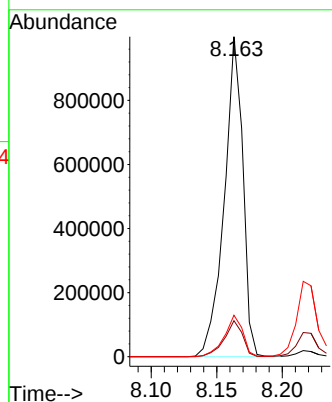
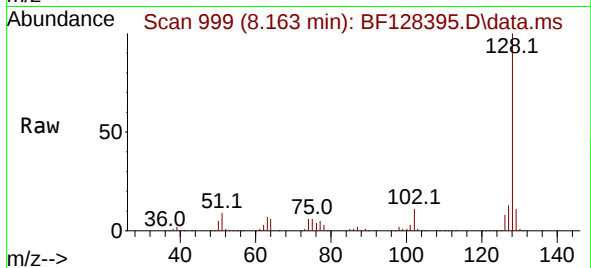
Tgt Ion:128 Resp: 982461

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.0 10.6 16.0



#32

Benzoic acid

Concen: 42.347 ng

RT: 7.957 min Scan# 964

Delta R.T. 0.012 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

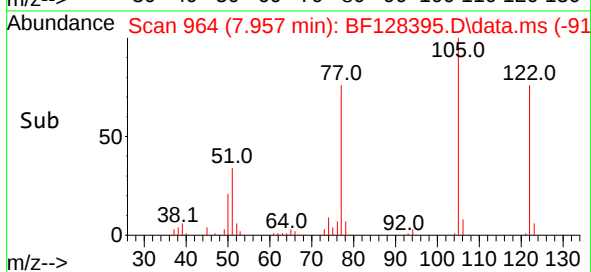
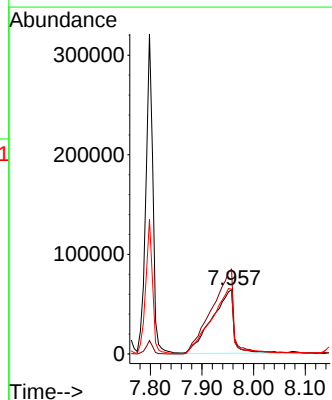
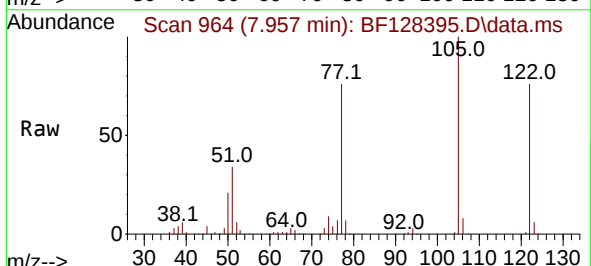
Tgt Ion:122 Resp: 189191

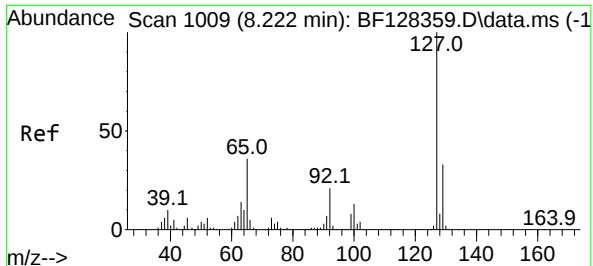
Ion Ratio Lower Upper

122 100

105 132.0 107.9 147.9

77 100.8 82.5 122.5

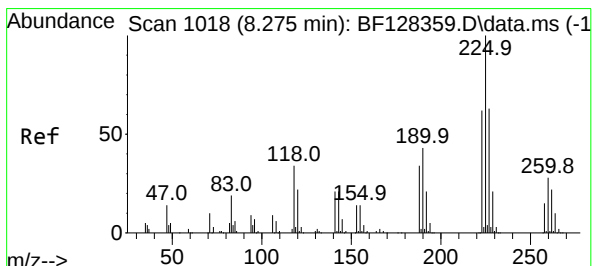
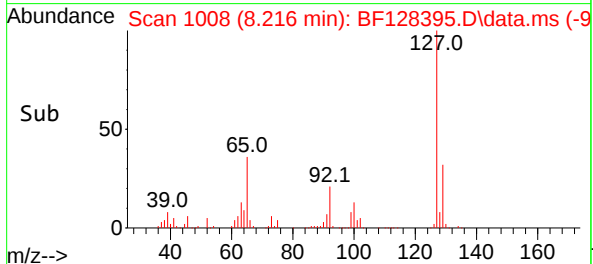
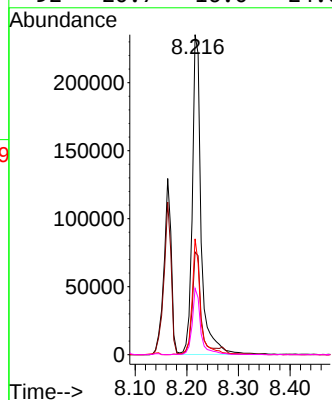
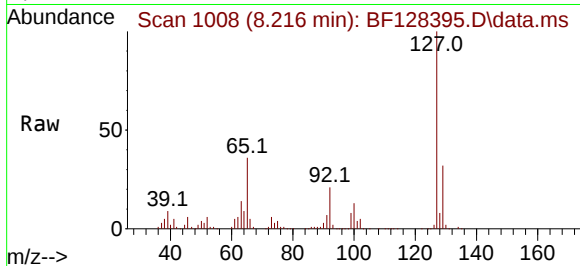




#33
4-Chloroaniline
Concen: 30.210 ng
RT: 8.216 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

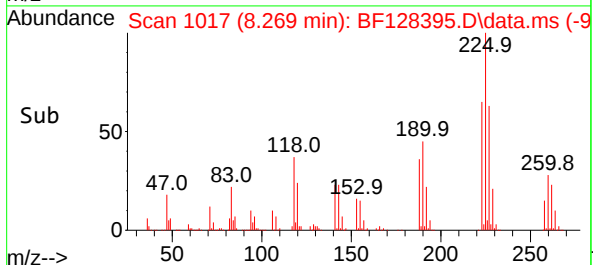
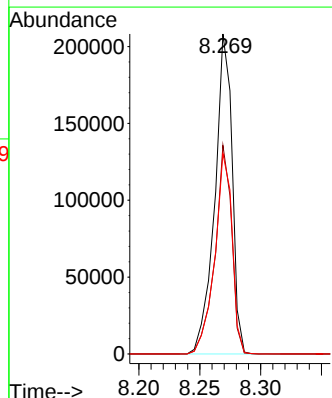
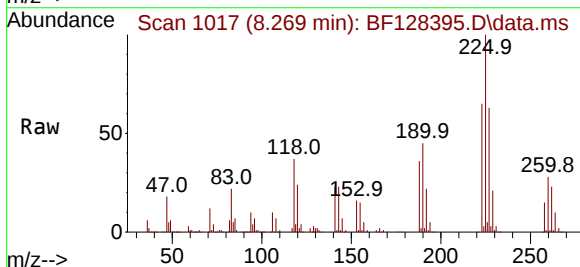
Instrument :
BNA_F
ClientSampleId :
PB145019BS

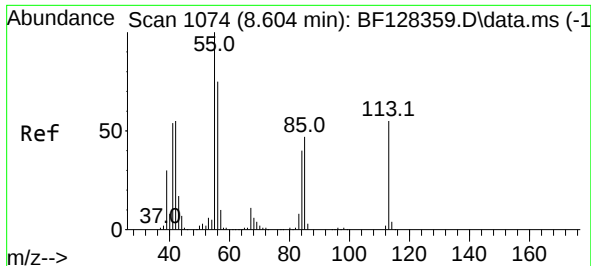
Tgt Ion:	127	Resp:	280433
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	36.2	26.7	40.1
92	20.7	16.0	24.0



#34
Hexachlorobutadiene
Concen: 41.311 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:	225	Resp:	206644
Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.0	78.0
227	62.7	50.7	76.1

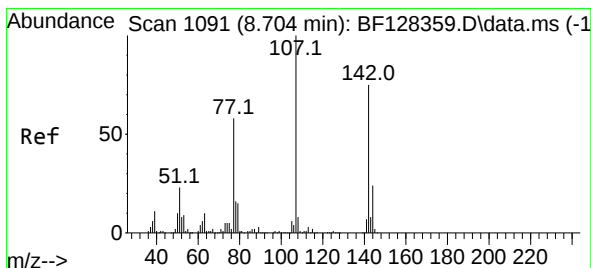
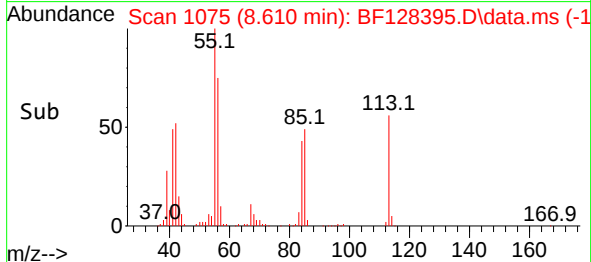
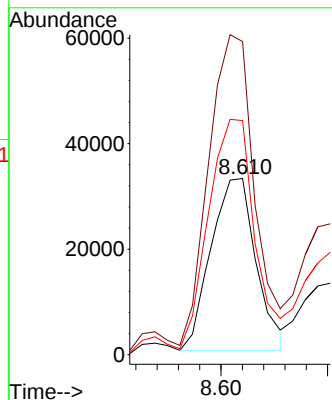
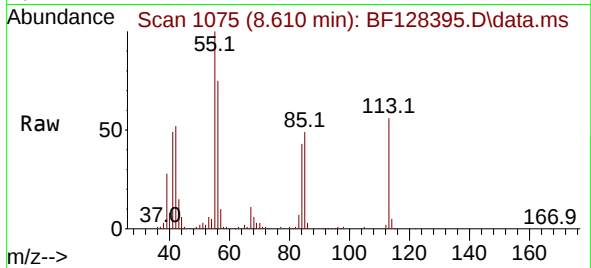




#35
Caprolactam
Concen: 21.818 ng
RT: 8.610 min Scan# 1075
Delta R.T. 0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

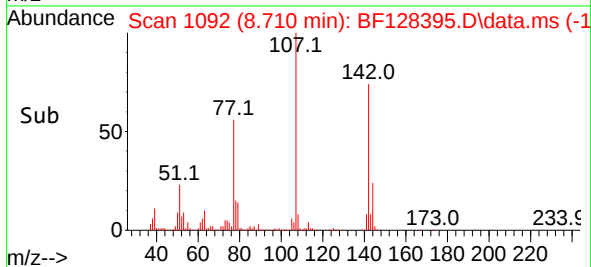
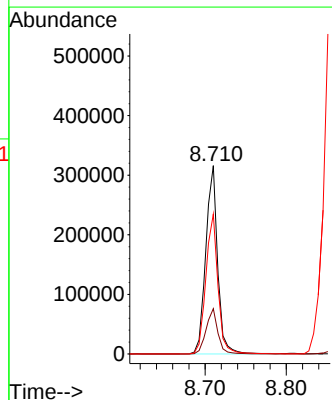
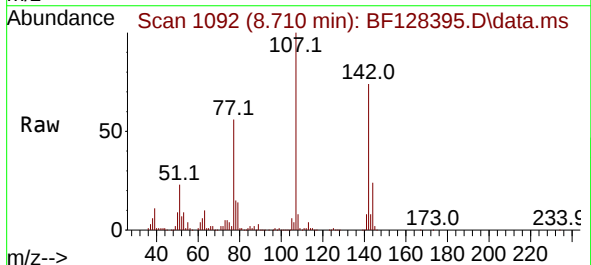
Instrument :
BNA_F
ClientSampleId :
PB145019BS

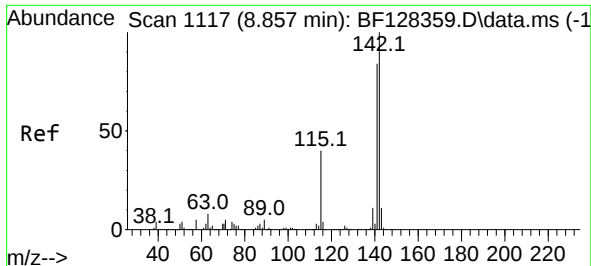
Tgt Ion:113 Resp: 47897
Ion Ratio Lower Upper
113 100
55 177.7 157.4 197.4
56 132.9 116.1 156.1



#36
4-Chloro-3-methylphenol
Concen: 43.504 ng
RT: 8.710 min Scan# 1092
Delta R.T. 0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:107 Resp: 320639
Ion Ratio Lower Upper
107 100
144 24.0 20.2 30.4
142 74.3 61.5 92.3





#37

2-Methylnaphthalene

Concen: 43.741 ng

RT: 8.857 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

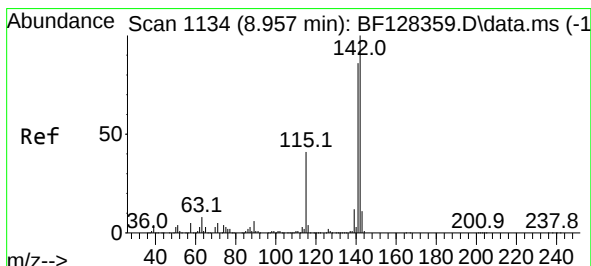
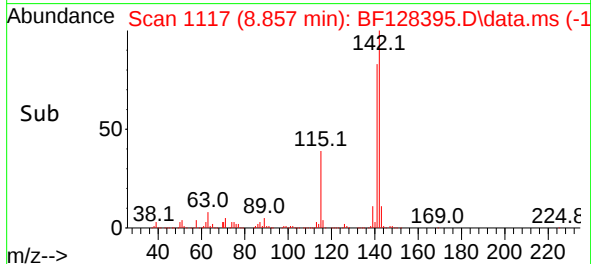
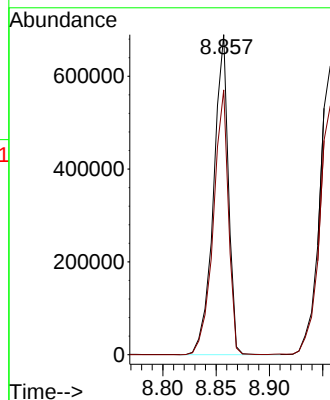
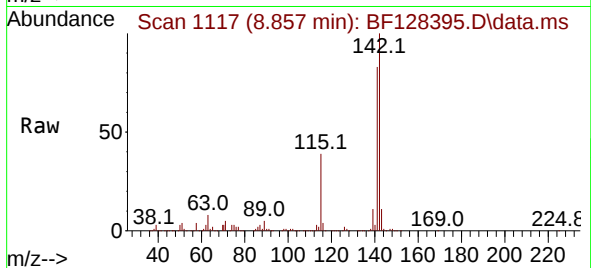
PB145019BS

Tgt Ion:142 Resp: 665329

Ion Ratio Lower Upper

142 100

141 82.8 67.4 101.2



#38

1-Methylnaphthalene

Concen: 41.630 ng

RT: 8.957 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF128395.D

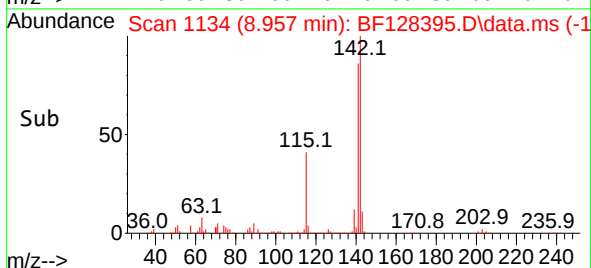
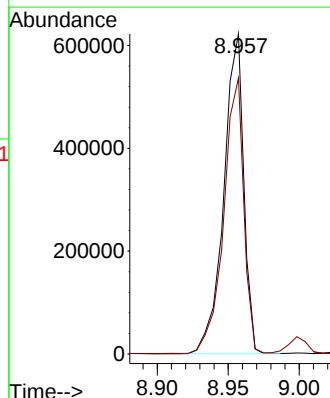
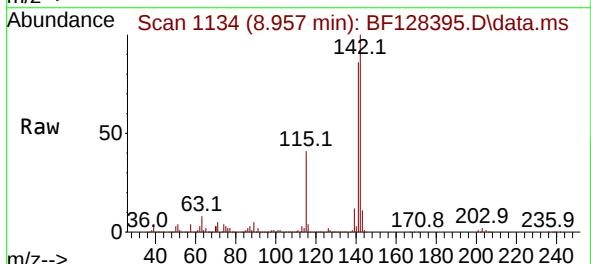
Acq: 23 May 2022 12:27

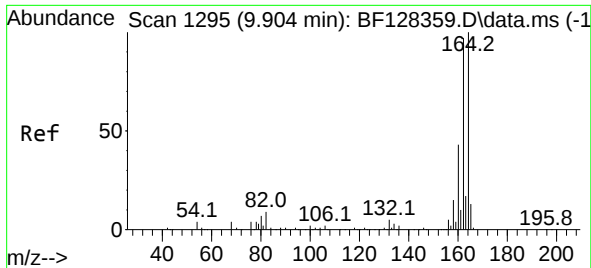
Tgt Ion:142 Resp: 609089

Ion Ratio Lower Upper

142 100

141 86.2 70.1 105.1

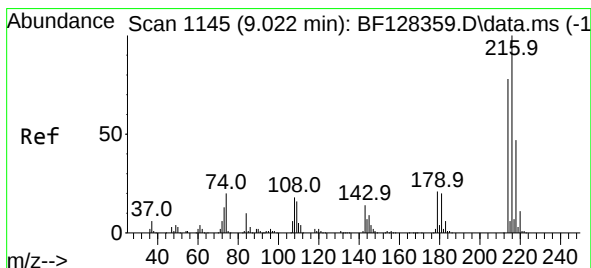
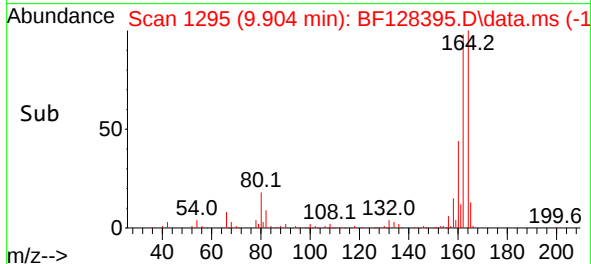
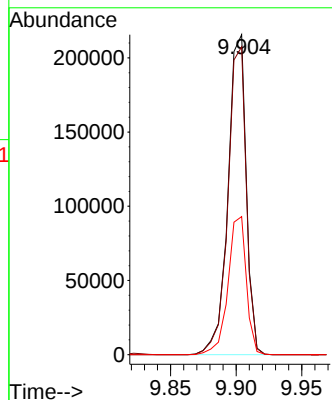
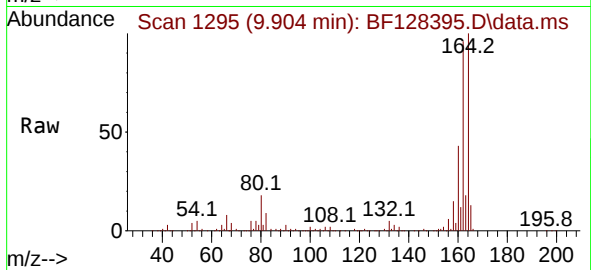




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

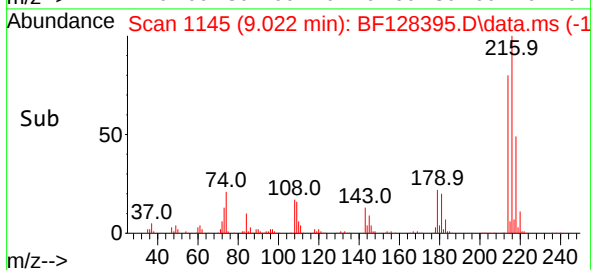
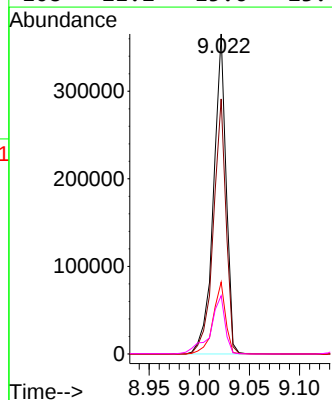
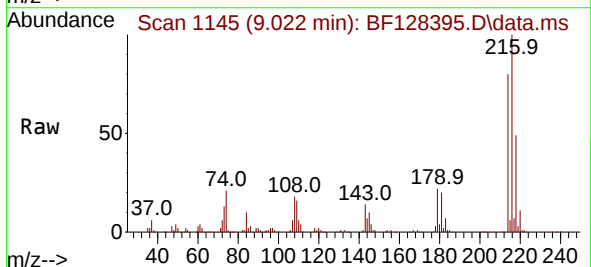
Instrument :
BNA_F
ClientSampleId :
PB145019BS

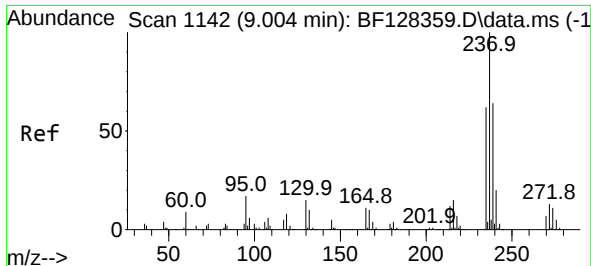
Tgt Ion:164 Resp: 209326
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 43.1 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.383 ng
RT: 9.022 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:216 Resp: 319731
Ion Ratio Lower Upper
216 100
214 79.8 62.6 94.0
179 22.0 16.9 25.3
108 21.2 15.6 23.4

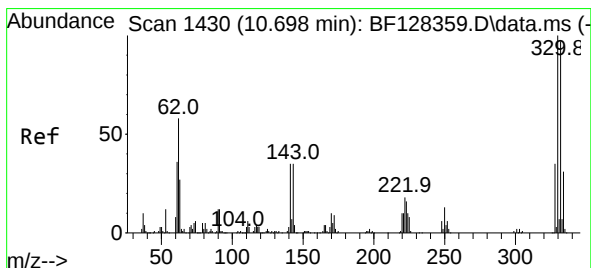
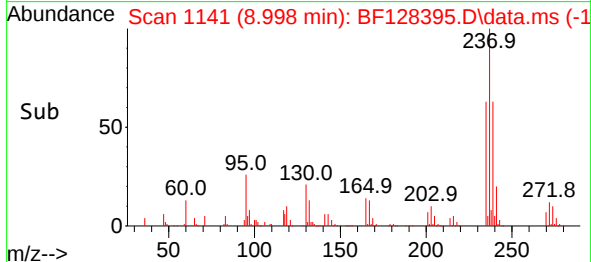
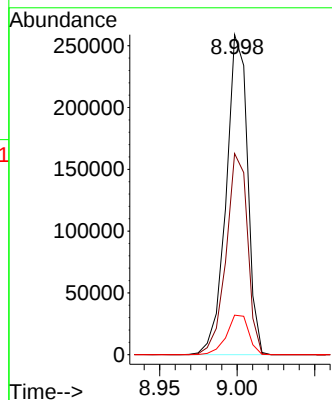
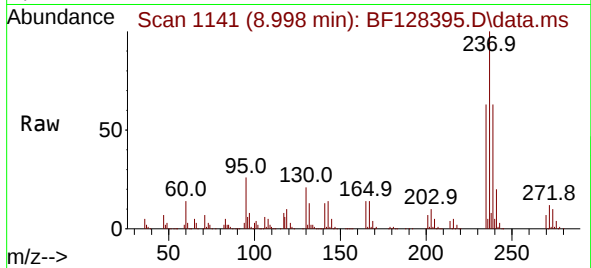




#41
Hexachlorocyclopentadiene
Concen: 109.417 ng
RT: 8.998 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

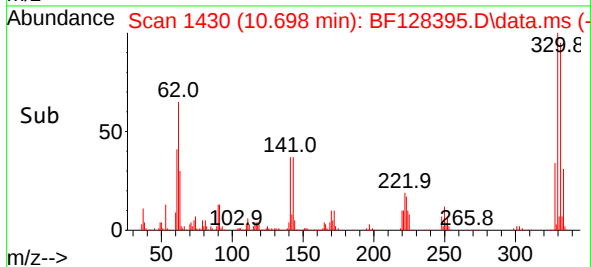
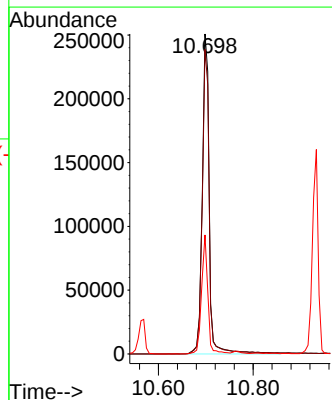
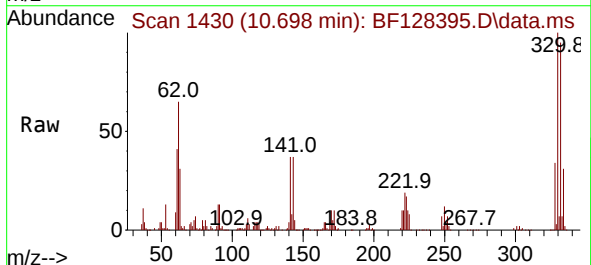
Instrument :
BNA_F
ClientSampleId :
PB145019BS

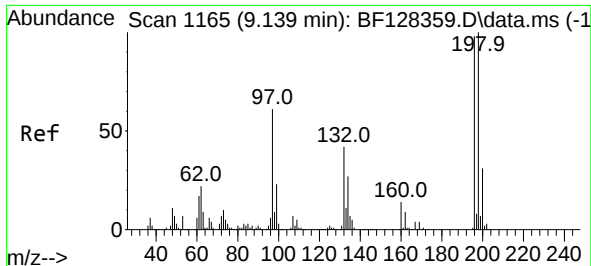
Tgt Ion:237 Resp: 248692
Ion Ratio Lower Upper
237 100
235 62.9 43.6 83.6
272 12.4 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 119.597 ng
RT: 10.698 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:330 Resp: 258183
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 33.6 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 50.760 ng

RT: 9.139 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

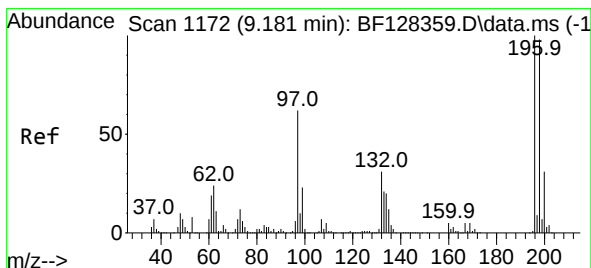
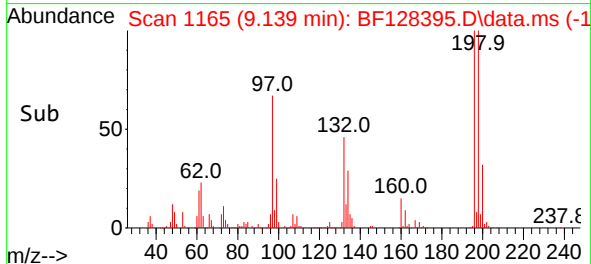
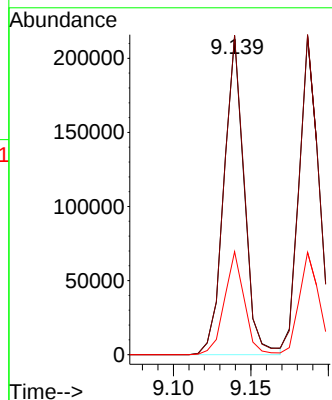
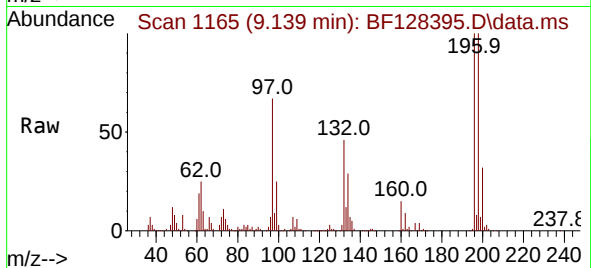
Tgt Ion:196 Resp: 195542

Ion Ratio Lower Upper

196 100

198 100.1 80.4 120.6

200 32.3 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 50.989 ng

RT: 9.187 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Tgt Ion:196 Resp: 208941

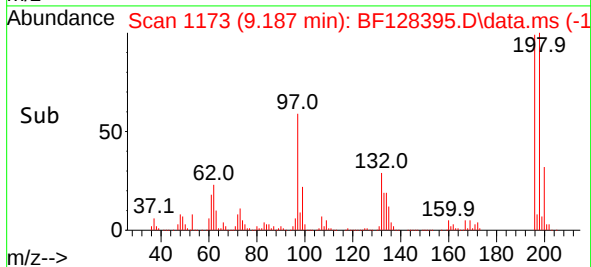
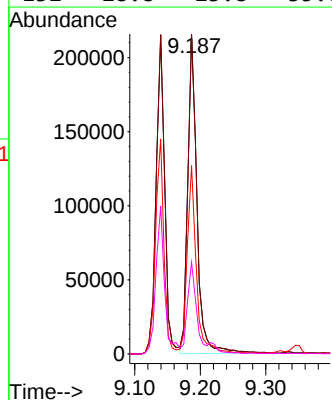
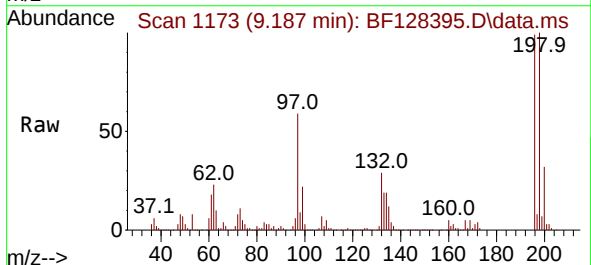
Ion Ratio Lower Upper

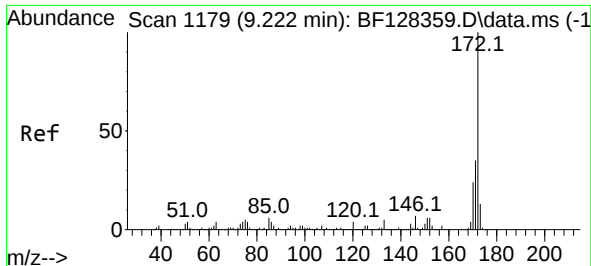
196 100

198 100.5 80.2 120.2

97 59.1 50.3 75.5

132 28.8 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 94.159 ng

RT: 9.222 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

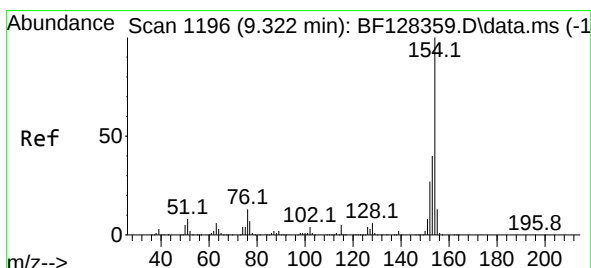
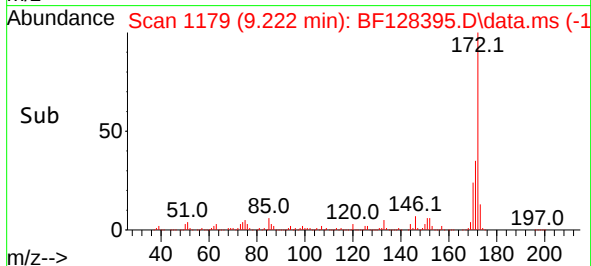
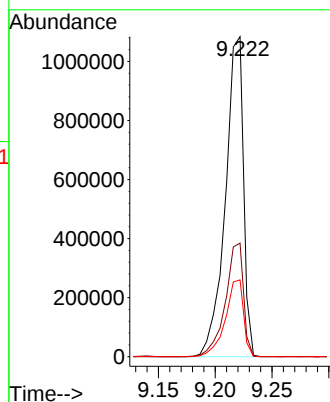
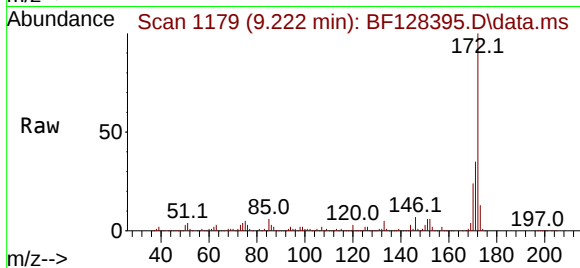
Tgt Ion:172 Resp: 1205251

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 53.304 ng

RT: 9.322 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

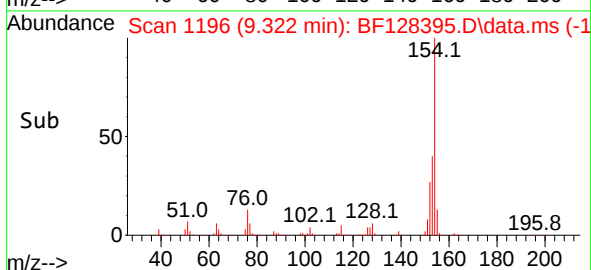
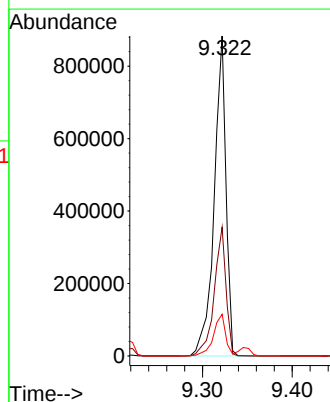
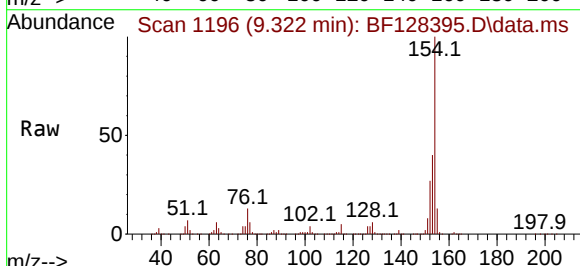
Tgt Ion:154 Resp: 806258

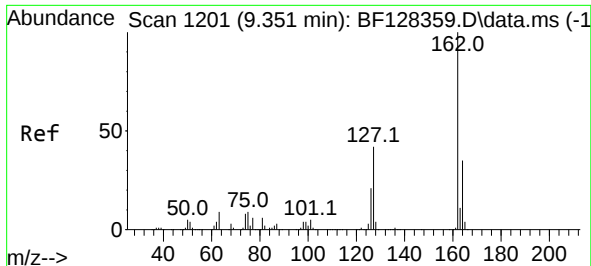
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 13.0 0.0 33.2

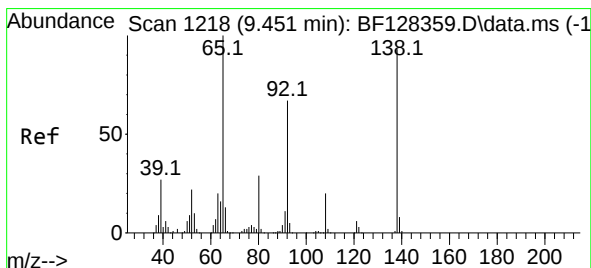
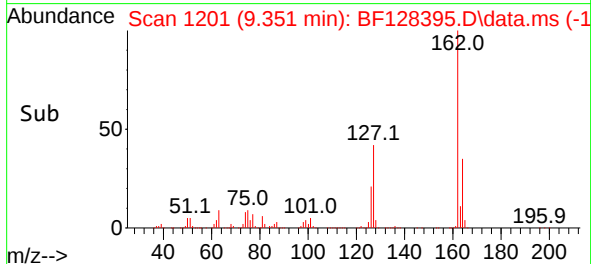
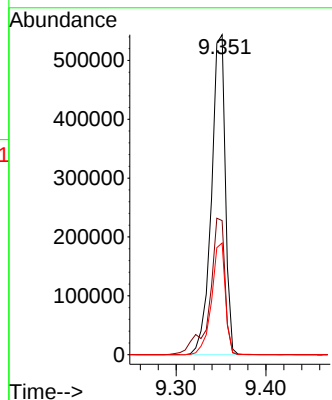
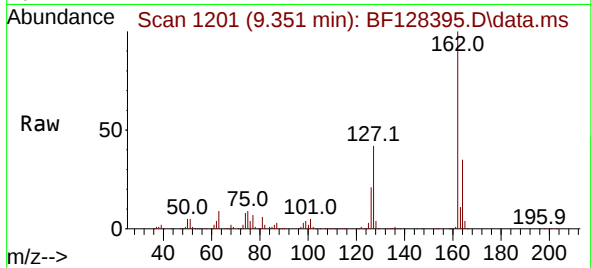




#47
2-Chloronaphthalene
Concen: 52.080 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

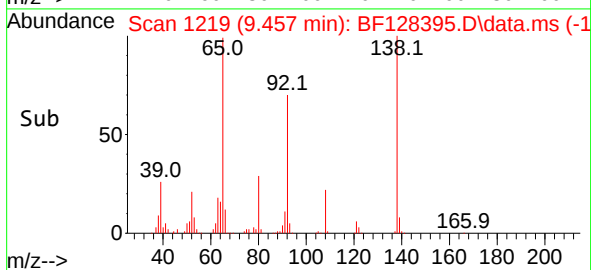
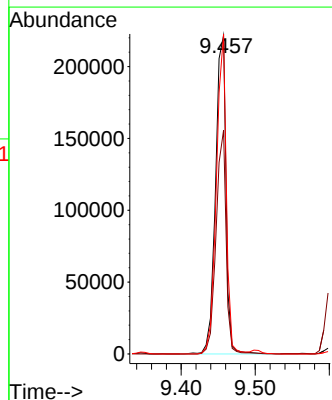
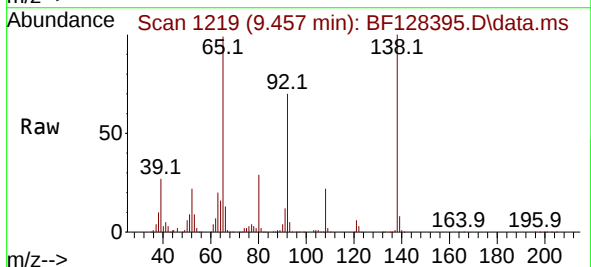
Instrument :
BNA_F
ClientSampleId :
PB145019BS

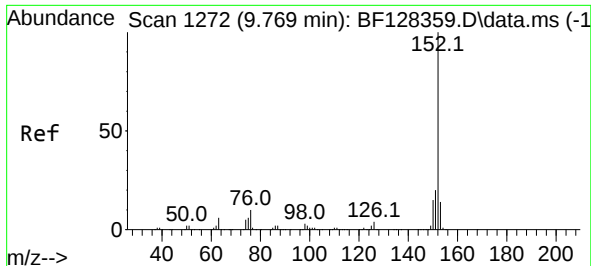
Tgt Ion:162 Resp: 584318
Ion Ratio Lower Upper
162 100
127 41.9 32.9 49.3
164 34.9 28.2 42.2



#48
2-Nitroaniline
Concen: 53.345 ng
RT: 9.457 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion: 65 Resp: 216834
Ion Ratio Lower Upper
65 100
92 70.2 53.7 80.5
138 100.5 76.4 114.6

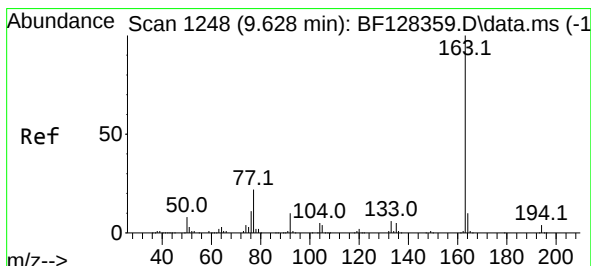
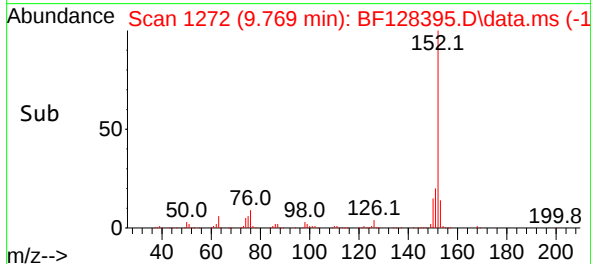
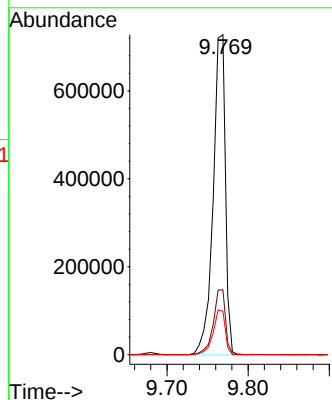
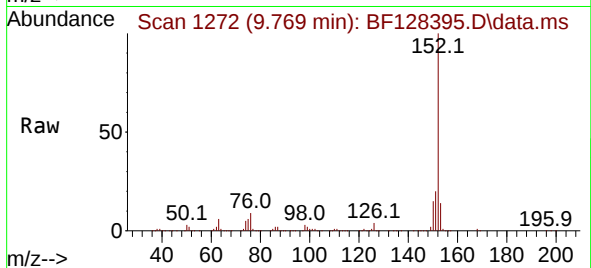




#49
Acenaphthylene
Concen: 45.391 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

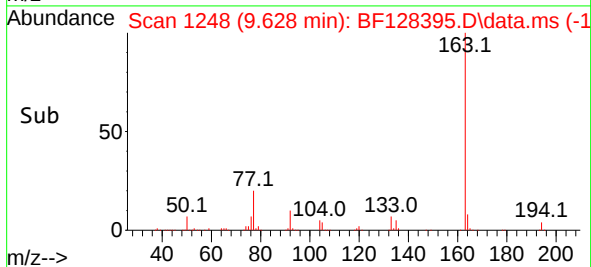
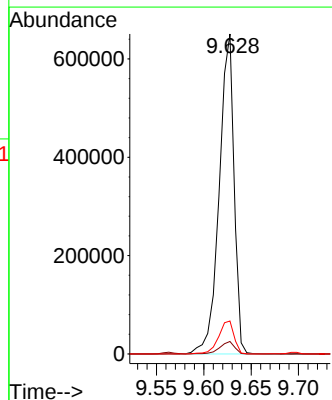
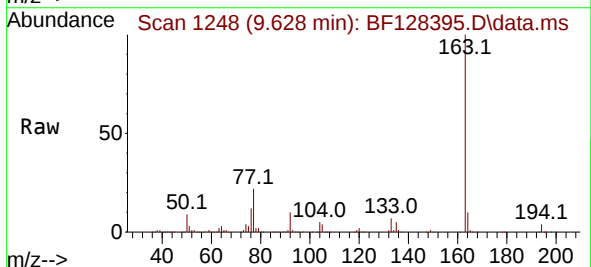
Instrument :
BNA_F
ClientSampleId :
PB145019BS

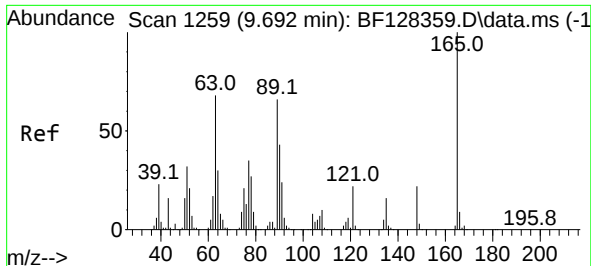
Tgt Ion:152 Resp: 762034
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.6 11.2 16.8



#50
Dimethylphthalate
Concen: 53.484 ng
RT: 9.628 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:163 Resp: 713162
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.6 13.0

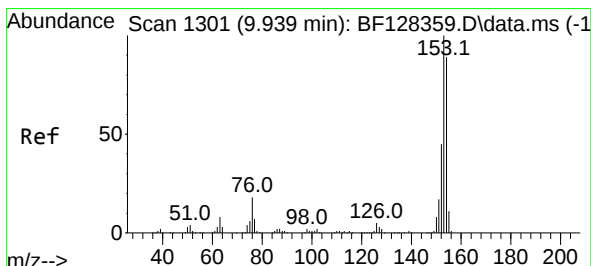
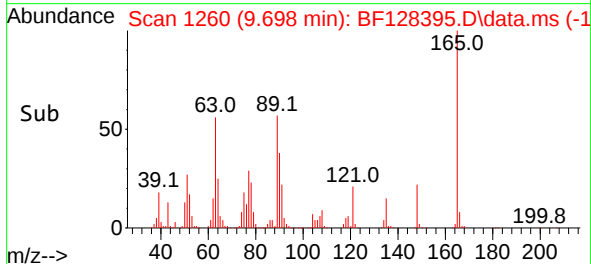
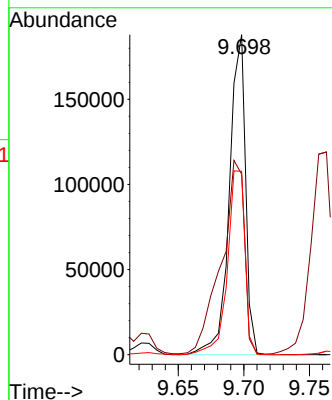
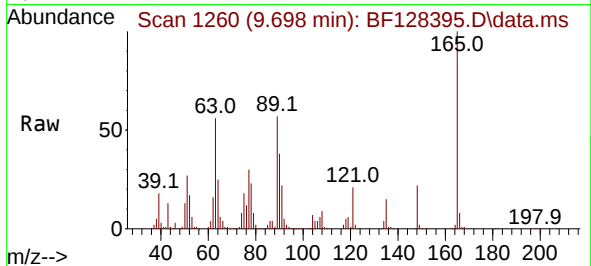




#51
2,6-Dinitrotoluene
Concen: 55.275 ng
RT: 9.698 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

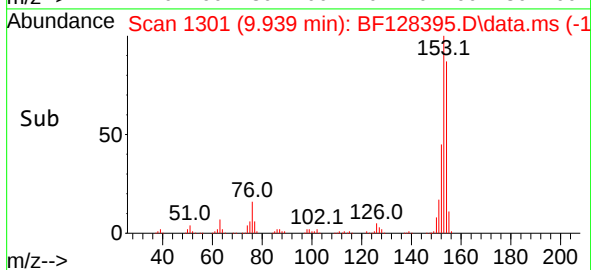
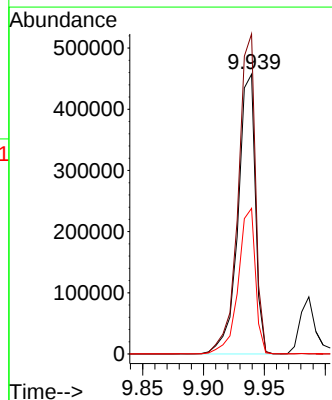
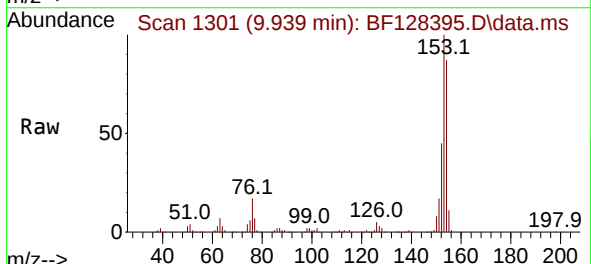
Instrument :
BNA_F
ClientSampleId :
PB145019BS

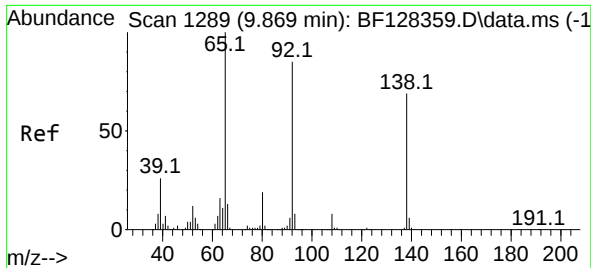
Tgt Ion:165 Resp: 161194
Ion Ratio Lower Upper
165 100
63 56.4 49.5 74.3
89 57.3 49.0 73.4



#52
Acenaphthene
Concen: 43.163 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:154 Resp: 455040
Ion Ratio Lower Upper
154 100
153 114.4 90.5 135.7
152 52.1 41.0 61.6

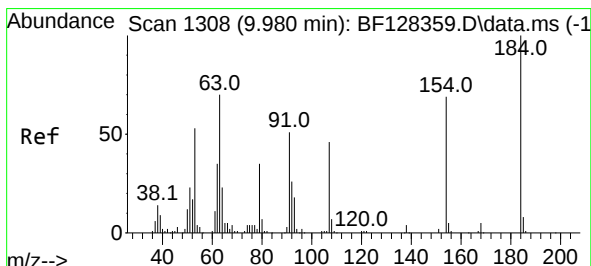
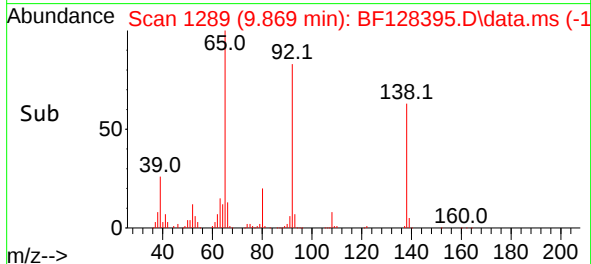
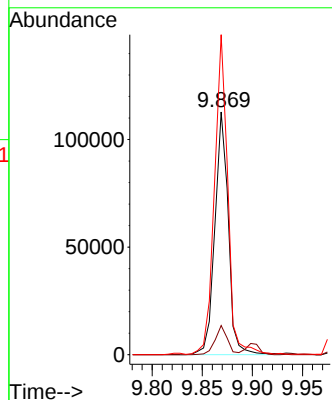
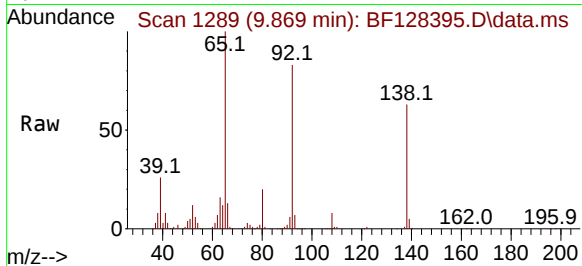




#53
3-Nitroaniline
Concen: 32.002 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

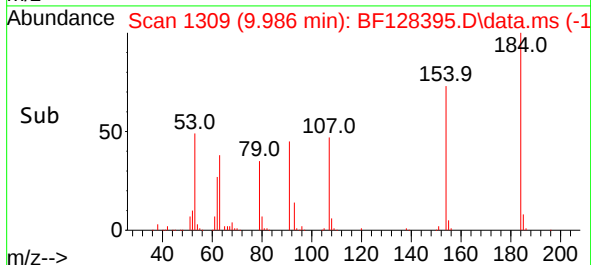
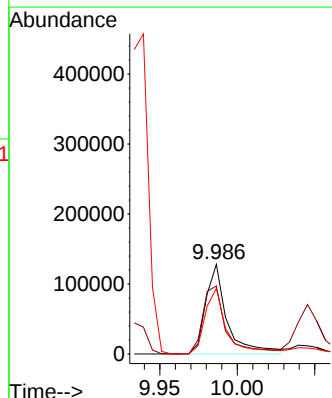
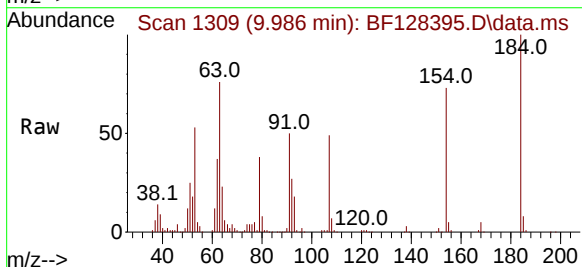
Instrument :
BNA_F
ClientSampleId :
PB145019BS

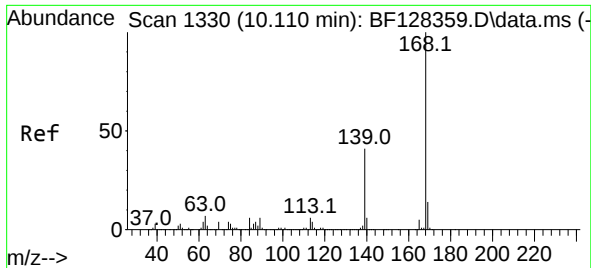
Tgt Ion:138 Resp: 105051
Ion Ratio Lower Upper
138 100
108 12.0 8.2 12.4
92 131.8 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 83.428 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:184 Resp: 123388
Ion Ratio Lower Upper
184 100
63 75.8 50.0 75.0#
154 73.0 51.7 77.5

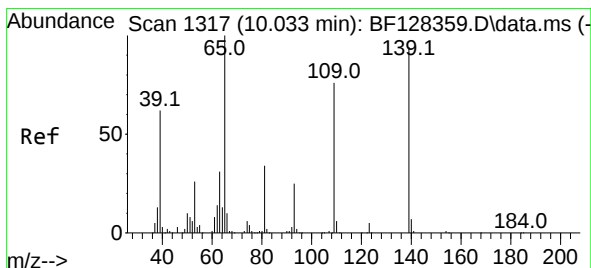
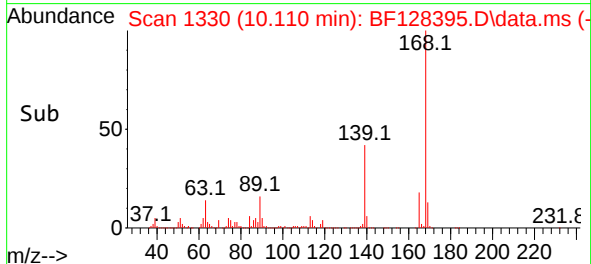
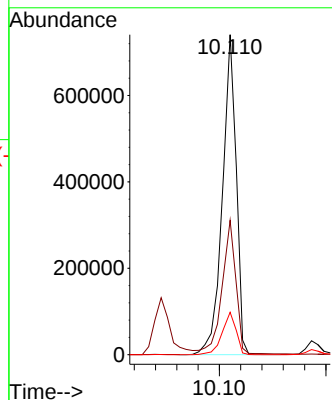
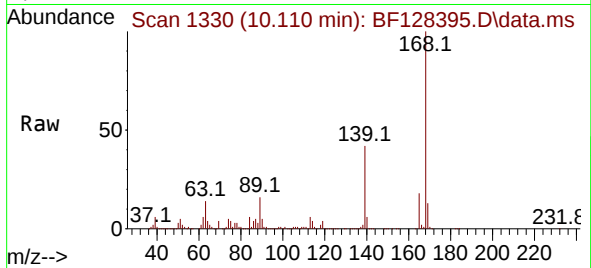




#55
Dibenzenofuran
Concen: 41.492 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

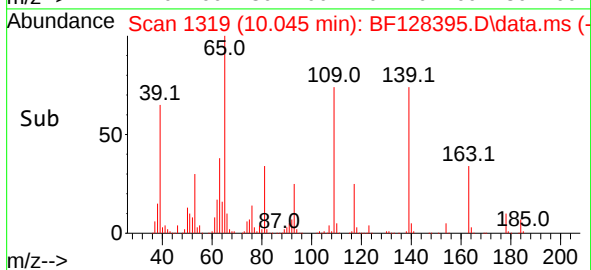
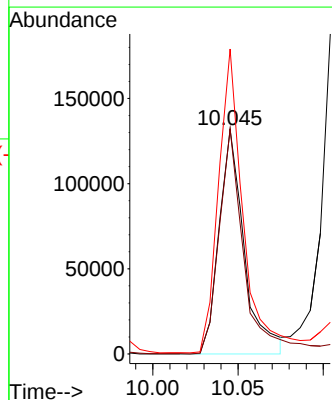
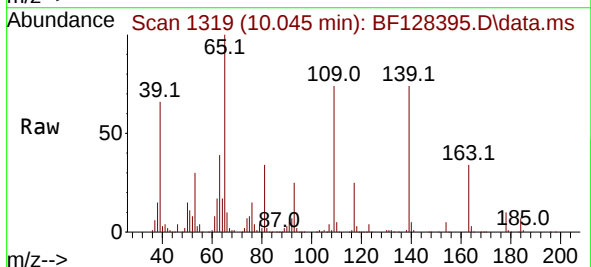
Instrument :
BNA_F
ClientSampleId :
PB145019BS

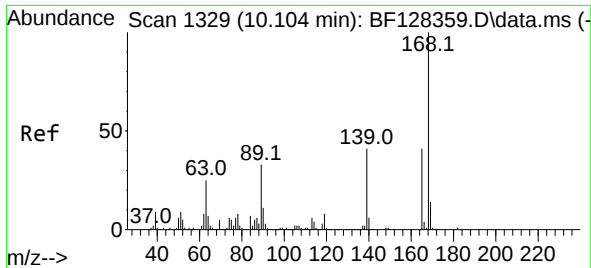
Tgt Ion:168 Resp: 663185
Ion Ratio Lower Upper
168 100
139 42.0 31.7 47.5
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 71.787 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.012 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:139 Resp: 135538
Ion Ratio Lower Upper
139 100
109 100.2 61.9 101.9
65 135.8 93.5 133.5#

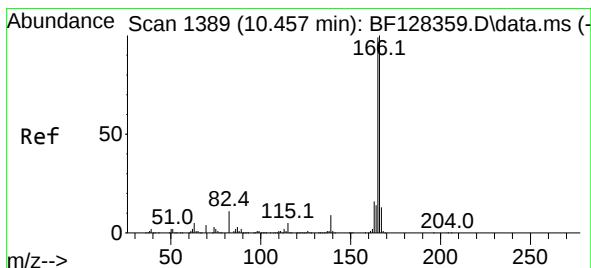
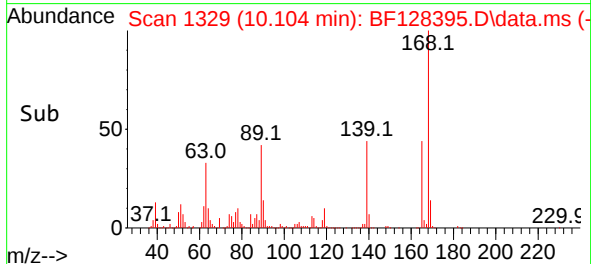
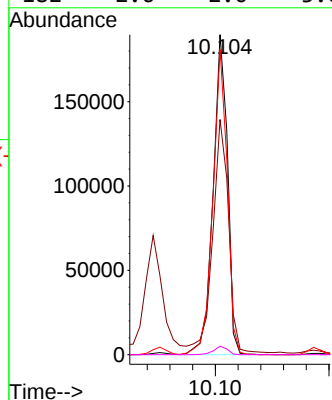
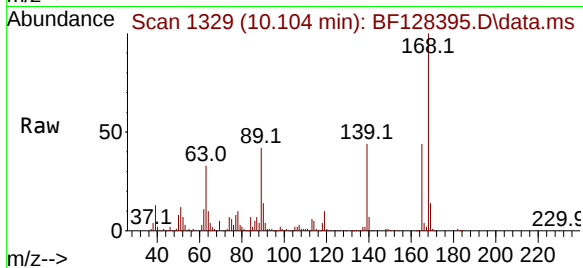




#57
2,4-Dinitrotoluene
Concen: 45.392 ng
RT: 10.104 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

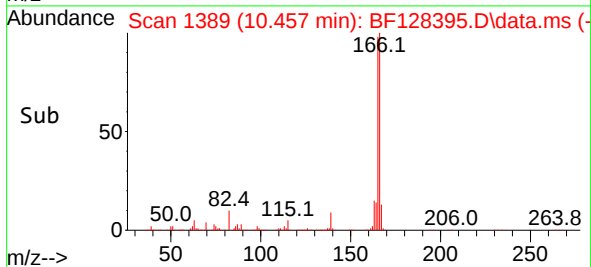
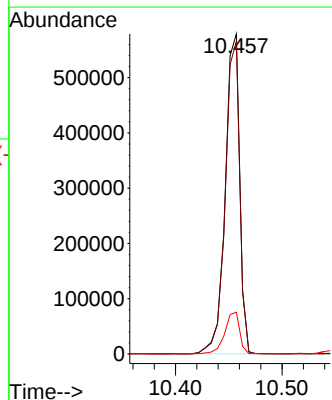
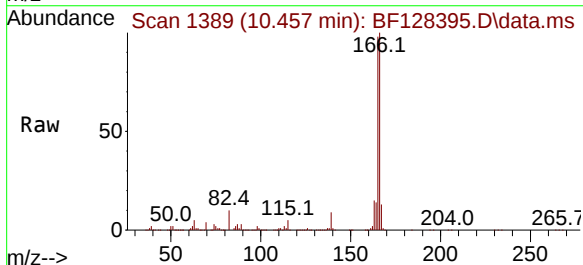
Instrument :
BNA_F
ClientSampleId :
PB145019BS

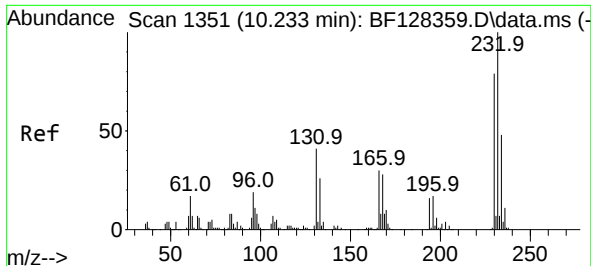
Tgt Ion:165 Resp: 166780
Ion Ratio Lower Upper
165 100
63 73.5 32.6 49.0#
89 95.4 55.2 82.8#
182 2.6 2.0 3.0



#58
Fluorene
Concen: 43.463 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:166 Resp: 544445
Ion Ratio Lower Upper
166 100
165 97.6 78.6 117.8
167 13.0 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.308 ng

RT: 10.234 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

Tgt Ion:232 Resp: 139039

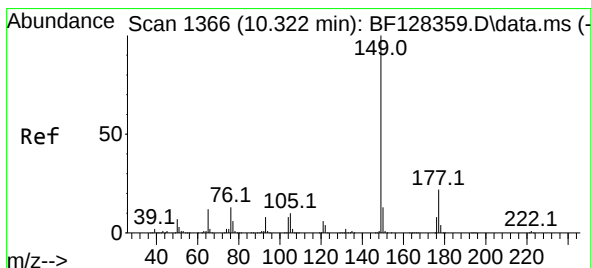
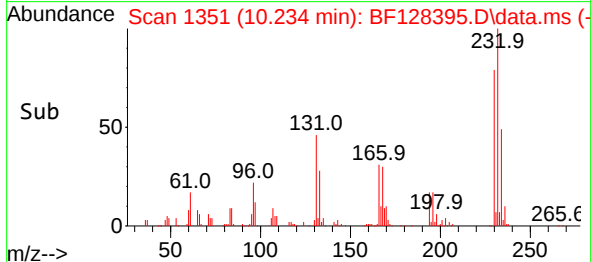
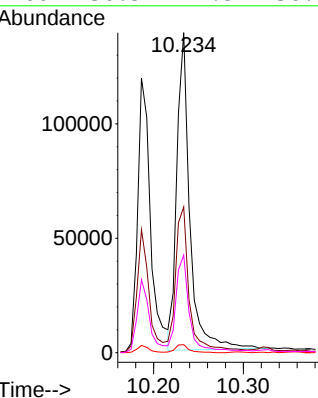
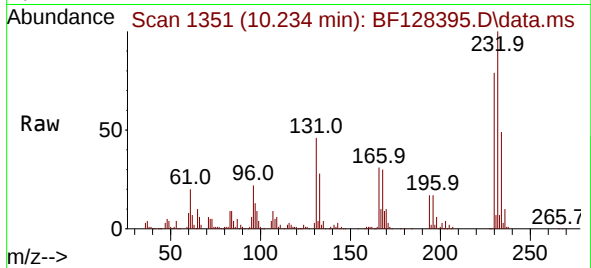
Ion Ratio Lower Upper

232 100

131 46.1 35.4 53.2

130 2.7 1.9 2.9

166 30.5 24.5 36.7



#60

Diethylphthalate

Concen: 45.248 ng

RT: 10.328 min Scan# 1367

Delta R.T. 0.006 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

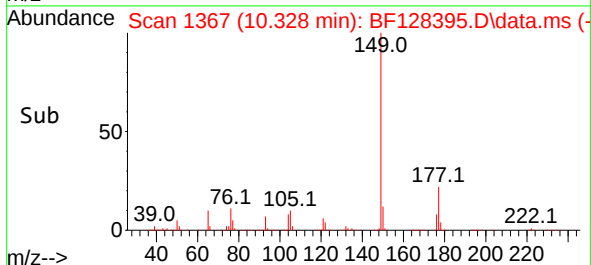
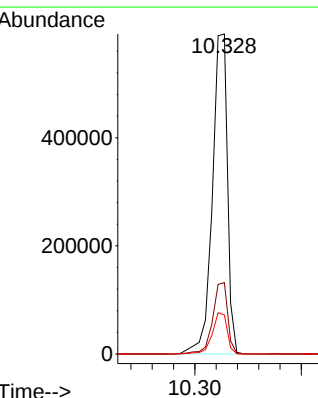
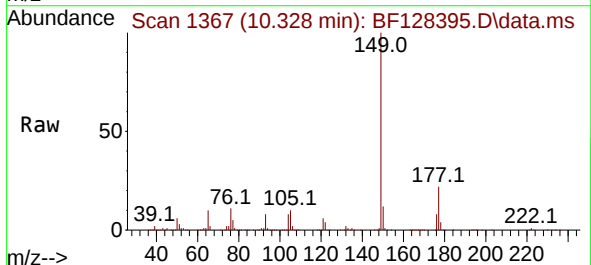
Tgt Ion:149 Resp: 581393

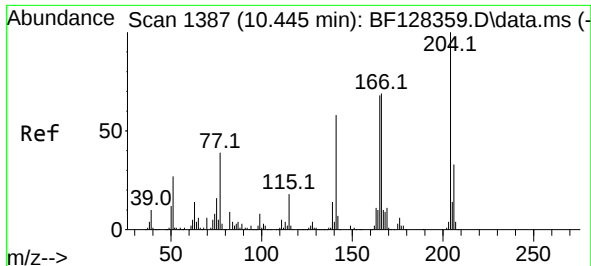
Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.8

150 12.2 10.2 15.2





#61

4-Chlorophenyl-phenylether

Concen: 43.142 ng

RT: 10.439 min Scan# 1386

Delta R.T. -0.006 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

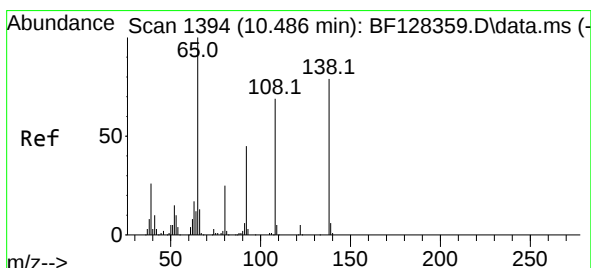
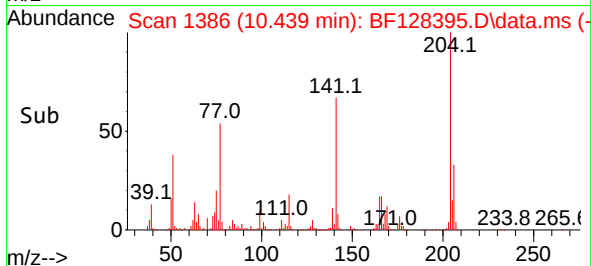
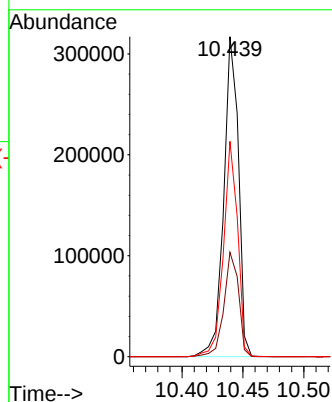
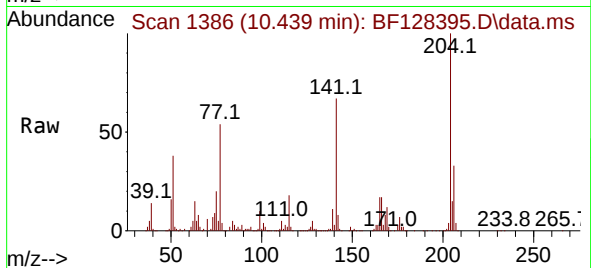
Tgt Ion:204 Resp: 266334

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

141 67.3 48.7 73.1



#62

4-Nitroaniline

Concen: 37.661 ng

RT: 10.492 min Scan# 1395

Delta R.T. 0.006 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

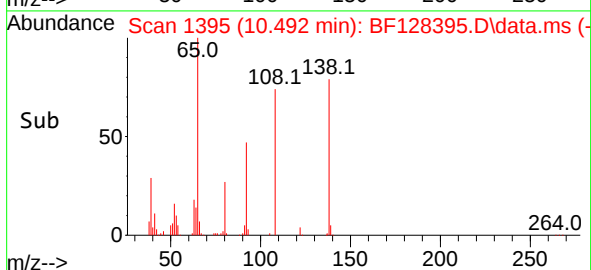
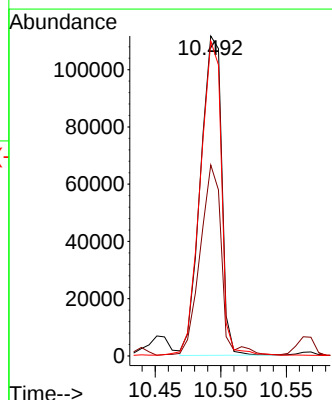
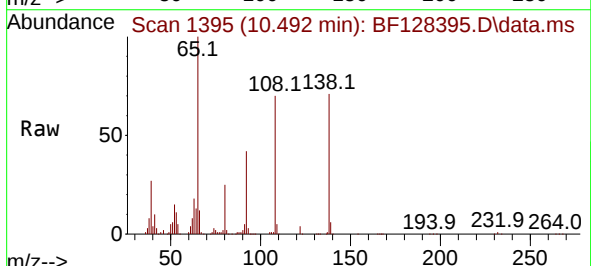
Tgt Ion:138 Resp: 125120

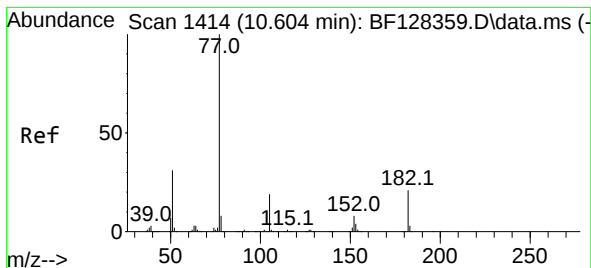
Ion Ratio Lower Upper

138 100

92 59.7 37.4 77.4

108 98.4 68.4 108.4





#63

Azobenzene

Concen: 44.562 ng

RT: 10.604 min Scan# 1414

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

Tgt Ion: 77 Resp: 641579

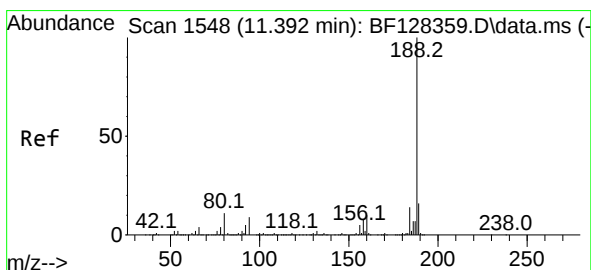
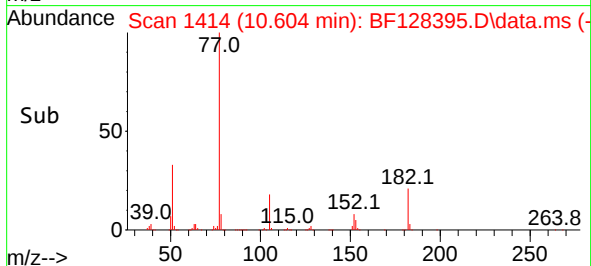
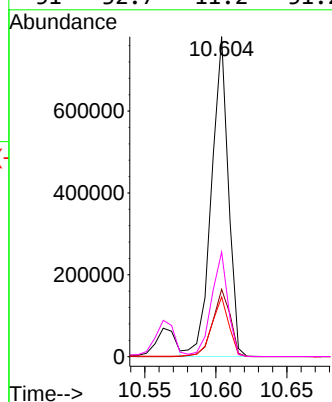
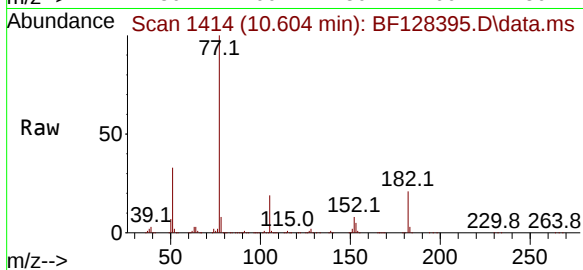
Ion Ratio Lower Upper

77 100

182 21.0 1.2 41.2

105 18.6 0.0 39.8

51 32.7 11.2 51.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

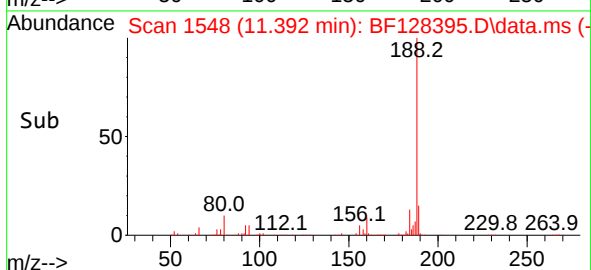
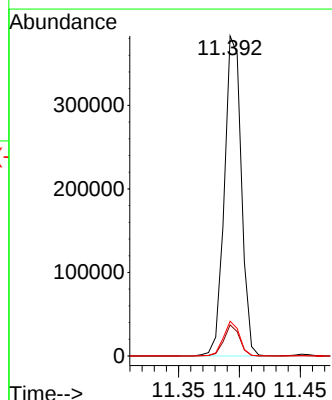
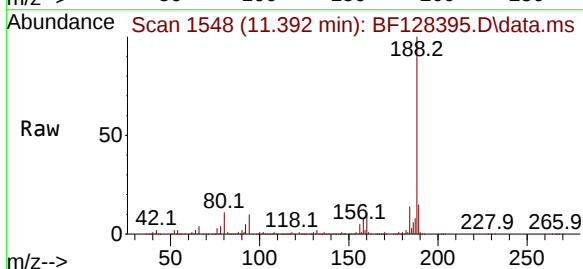
Tgt Ion: 188 Resp: 371940

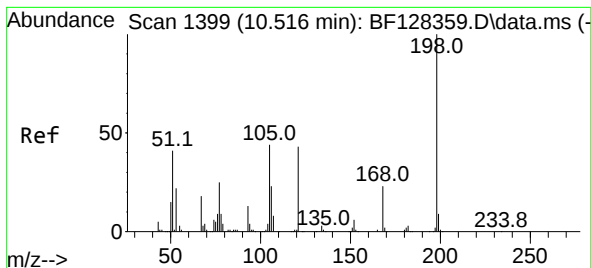
Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

80 10.9 8.9 13.3

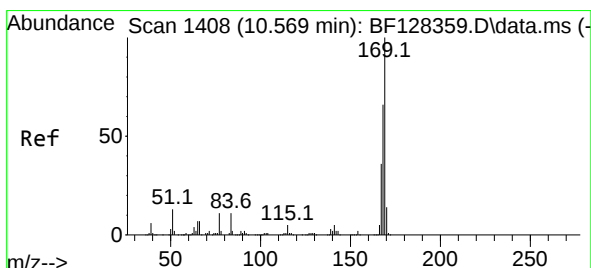
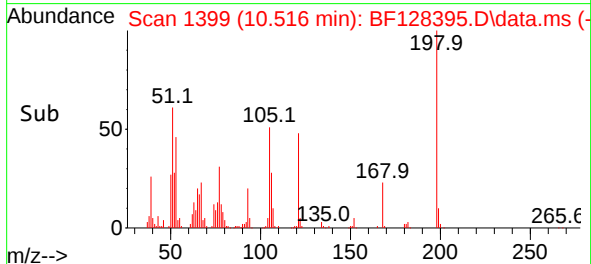
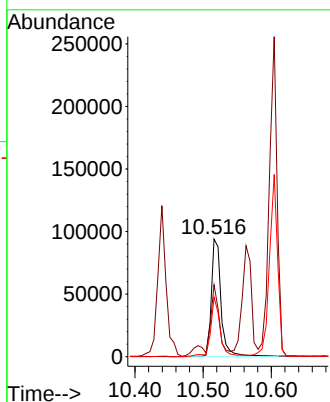
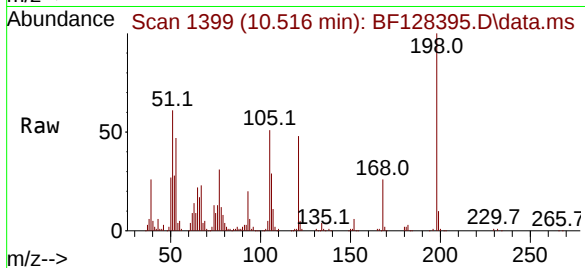




#65
4,6-Dinitro-2-methylphenol
Concen: 41.156 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

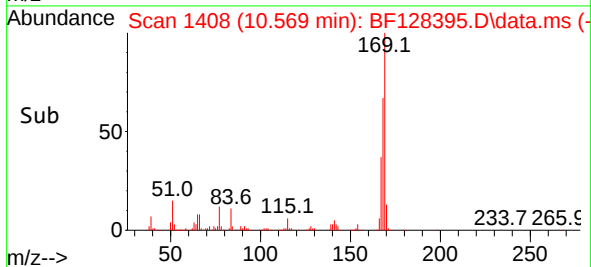
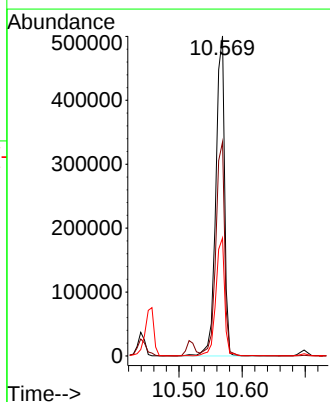
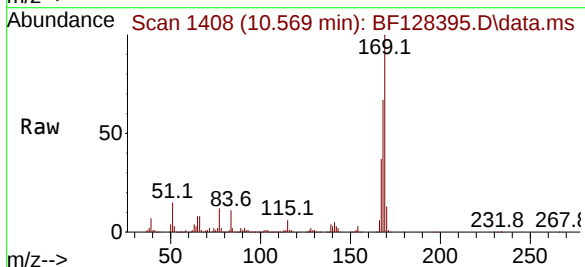
Instrument :
BNA_F
ClientSampleId :
PB145019BS

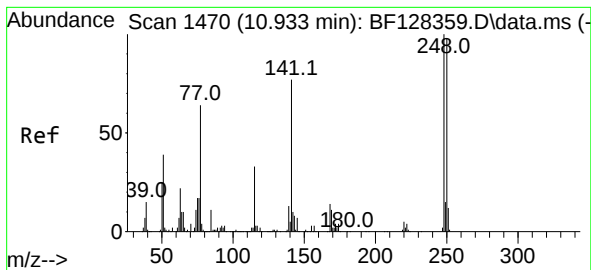
Tgt Ion:198 Resp: 94082
Ion Ratio Lower Upper
198 100
51 61.1 28.4 68.4
105 50.5 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 44.361 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:169 Resp: 477668
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 36.9 29.5 44.3

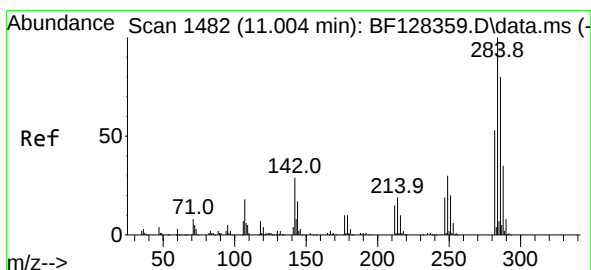
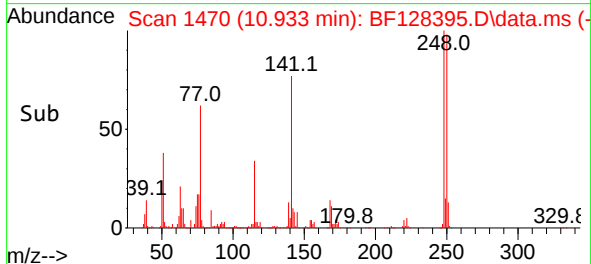
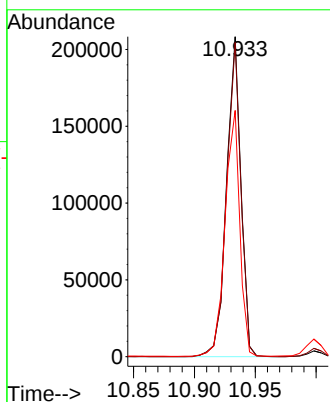
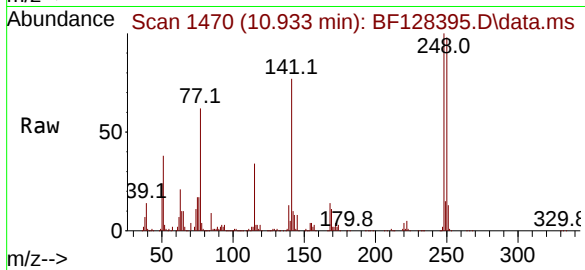




#67
4-Bromophenyl-phenylether
Concen: 44.034 ng
RT: 10.933 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

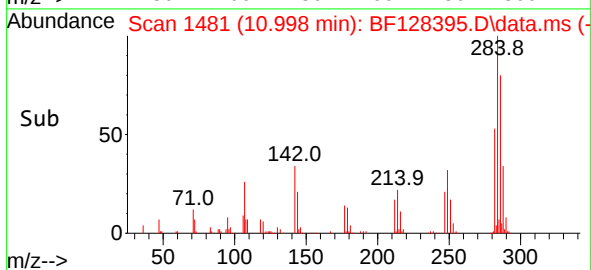
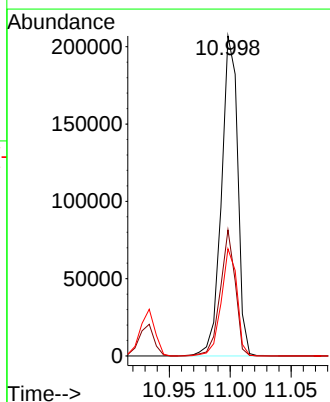
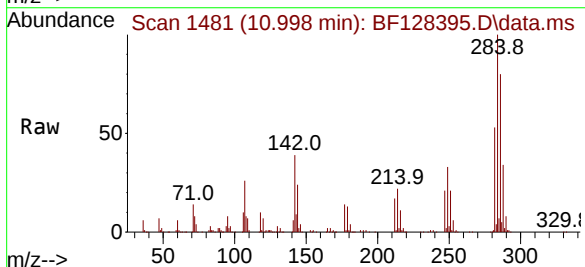
Instrument :
BNA_F
ClientSampleId :
PB145019BS

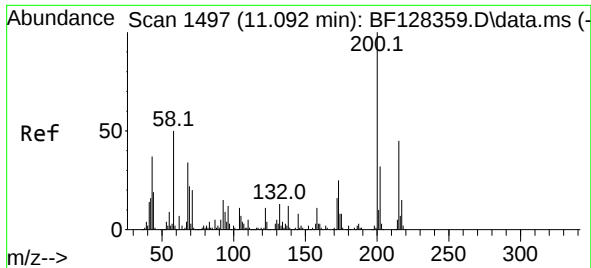
Tgt Ion:248 Resp: 171403
Ion Ratio Lower Upper
248 100
250 98.2 77.7 116.5
141 77.0 65.6 98.4



#68
Hexachlorobenzene
Concen: 45.453 ng
RT: 10.998 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:284 Resp: 192369
Ion Ratio Lower Upper
284 100
142 39.4 30.2 45.4
249 33.5 26.1 39.1

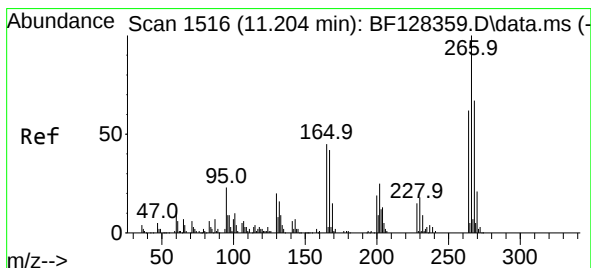
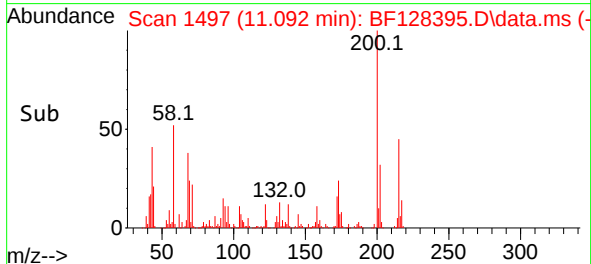
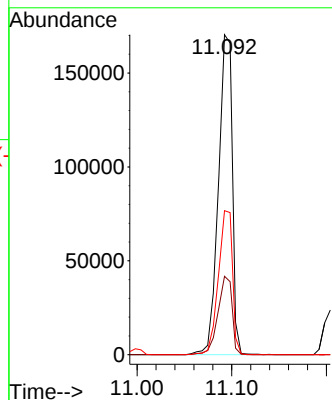
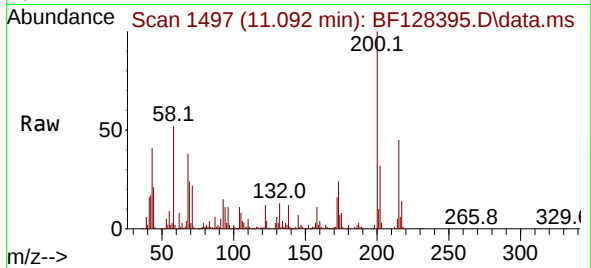




#69
 Atrazine
 Concen: 49.185 ng
 RT: 11.092 min Scan# 1497
 Delta R.T. 0.000 min
 Lab File: BF128395.D
 Acq: 23 May 2022 12:27

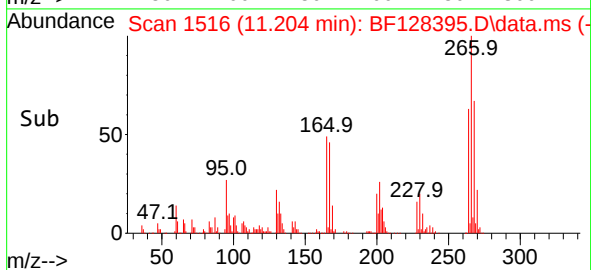
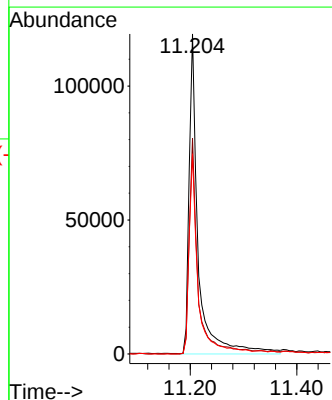
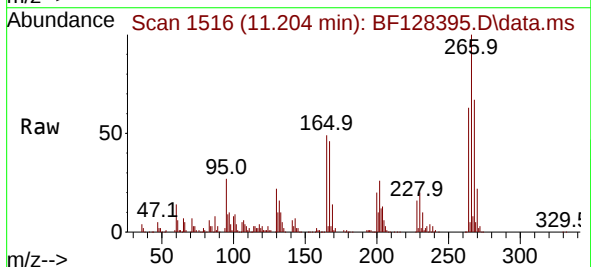
Instrument :
 BNA_F
 ClientSampleId :
 PB145019BS

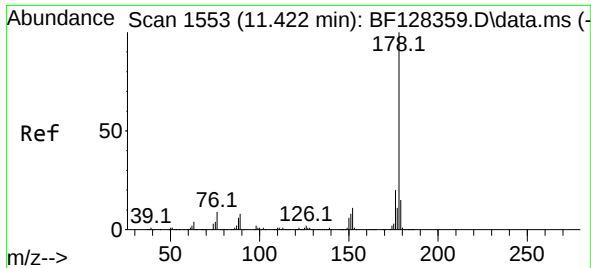
Tgt Ion:200 Resp: 173845
 Ion Ratio Lower Upper
 200 100
 173 24.5 6.0 46.0
 215 45.0 28.1 68.1



#70
 Pentachlorophenol
 Concen: 83.183 ng
 RT: 11.204 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: BF128395.D
 Acq: 23 May 2022 12:27

Tgt Ion:266 Resp: 142468
 Ion Ratio Lower Upper
 266 100
 268 67.4 53.0 79.6
 264 62.5 53.1 79.7

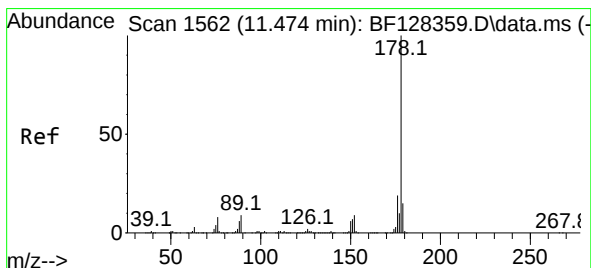
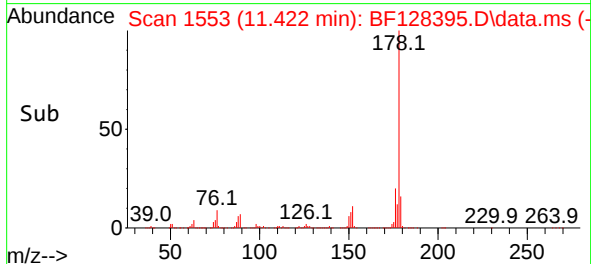
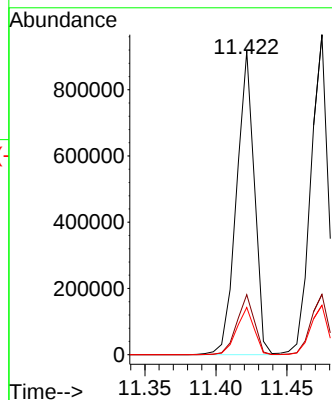
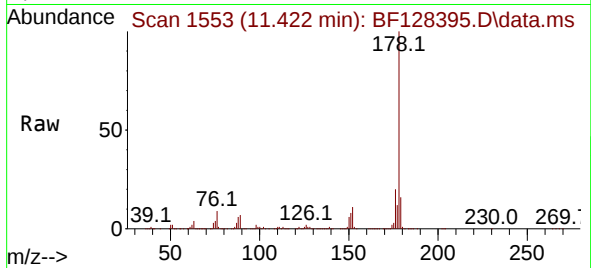




#71
Phenanthrene
Concen: 44.238 ng
RT: 11.422 min Scan# 1553
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

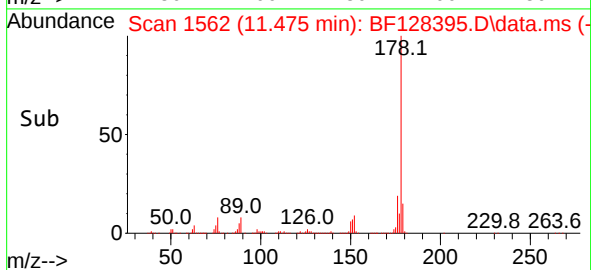
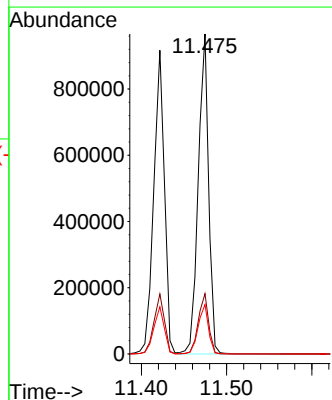
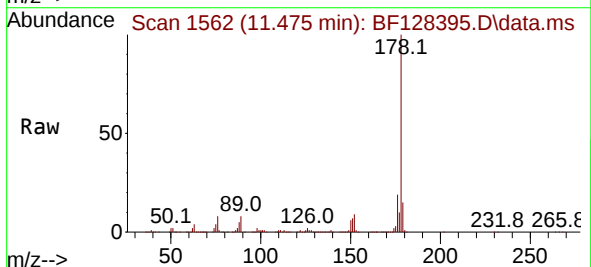
Instrument :
BNA_F
ClientSampleId :
PB145019BS

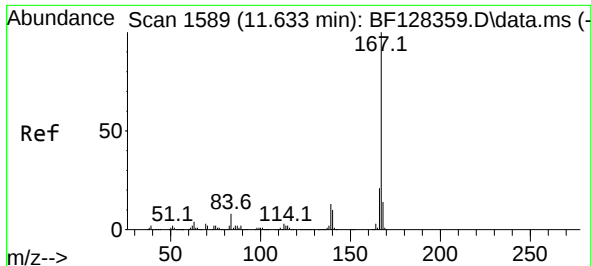
Tgt Ion:178 Resp: 802981
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.6 12.6 19.0



#72
Anthracene
Concen: 45.314 ng
RT: 11.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:178 Resp: 817471
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.4 18.6

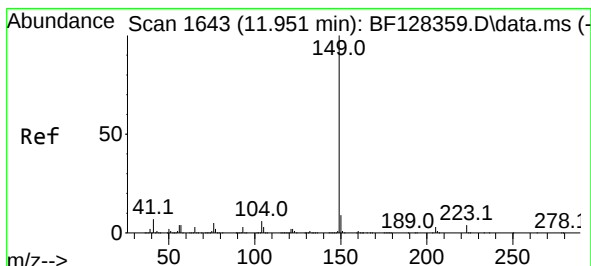
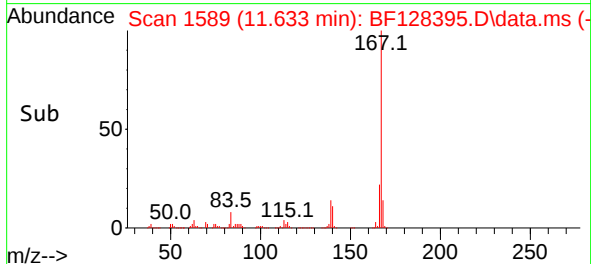
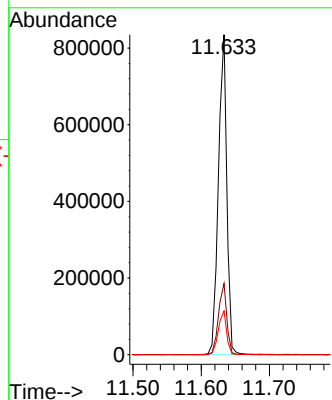
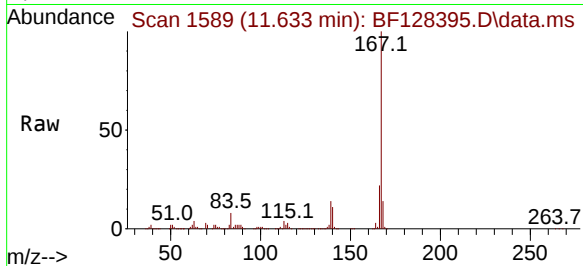




#73
 Carbazole
 Concen: 39.818 ng
 RT: 11.633 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF128395.D
 Acq: 23 May 2022 12:27

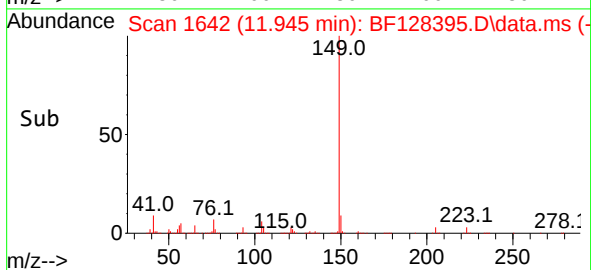
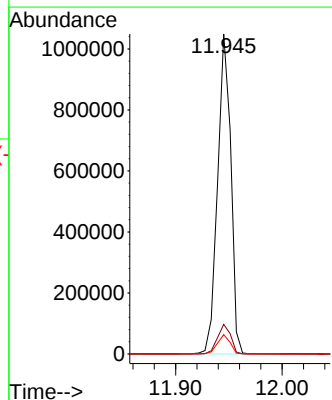
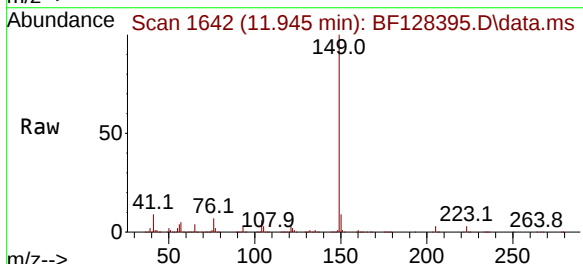
Instrument :
 BNA_F
 ClientSampleId :
 PB145019BS

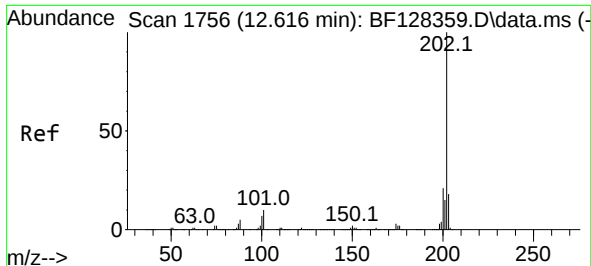
Tgt Ion:	167	Resp:	716344
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.6	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 45.703 ng
 RT: 11.945 min Scan# 1642
 Delta R.T. -0.006 min
 Lab File: BF128395.D
 Acq: 23 May 2022 12:27

Tgt Ion:	149	Resp:	898159
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	6.0	4.3	6.5

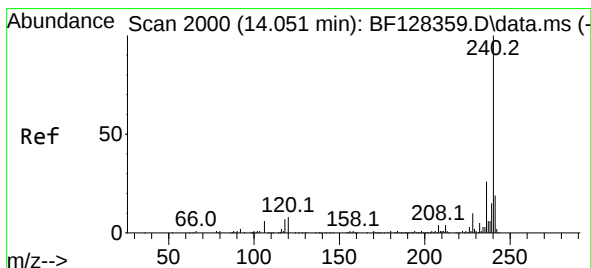
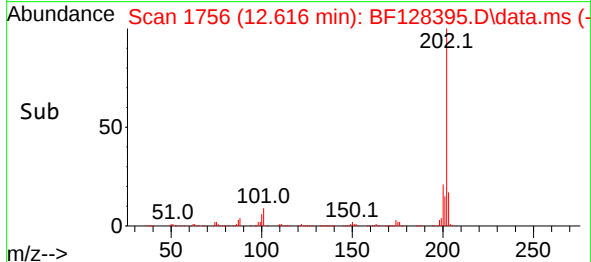
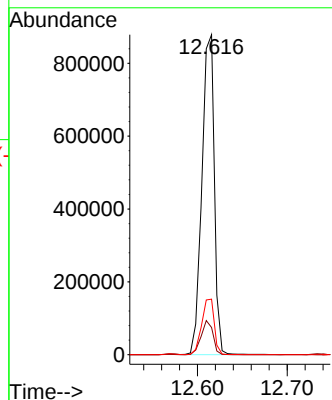
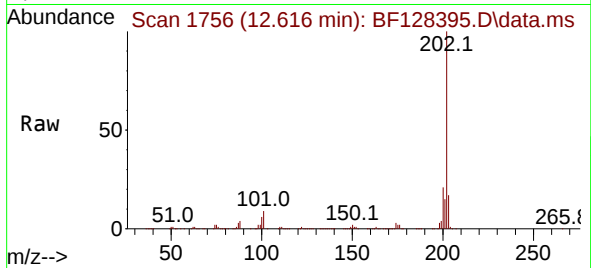




#75
Fluoranthene
Concen: 42.960 ng
RT: 12.616 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

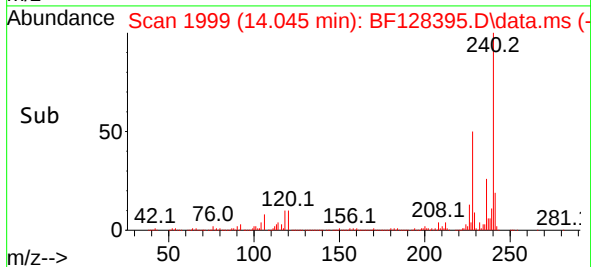
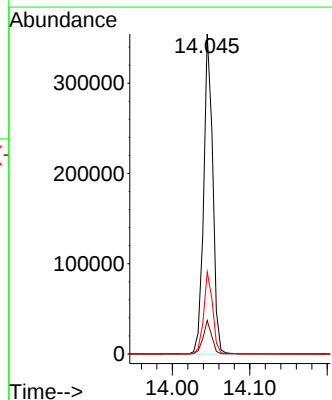
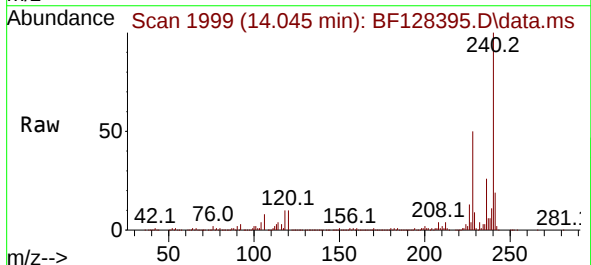
Instrument :
BNA_F
ClientSampleId :
PB145019BS

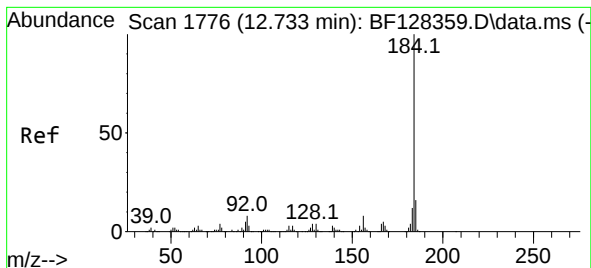
Tgt Ion:202 Resp: 844478
Ion Ratio Lower Upper
202 100
101 8.5 0.0 31.6
203 17.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:240 Resp: 288077
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 25.7 20.3 30.5





#77

Benzidine

Concen: 48.240 ng

RT: 12.733 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

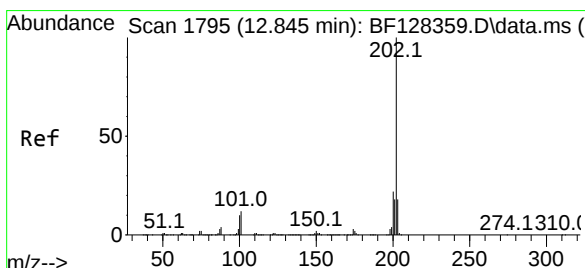
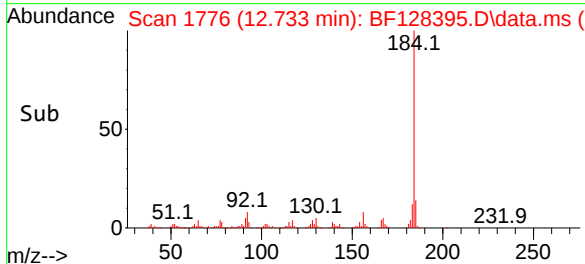
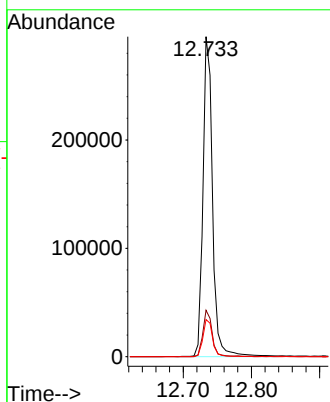
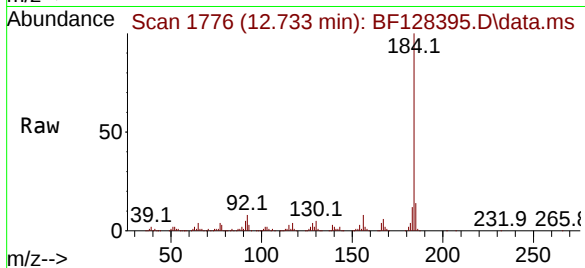
Tgt Ion:184 Resp: 289038

Ion Ratio Lower Upper

184 100

185 14.5 12.1 18.1

183 11.6 9.0 13.4



#78

Pyrene

Concen: 39.602 ng

RT: 12.845 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

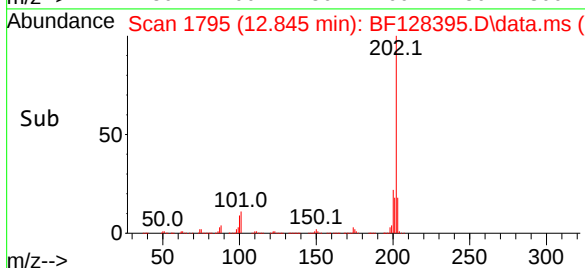
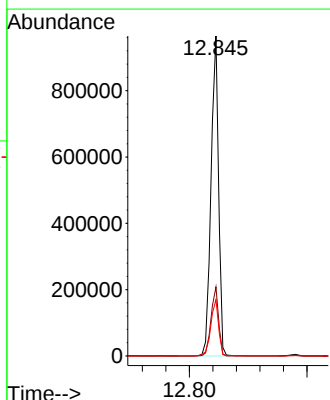
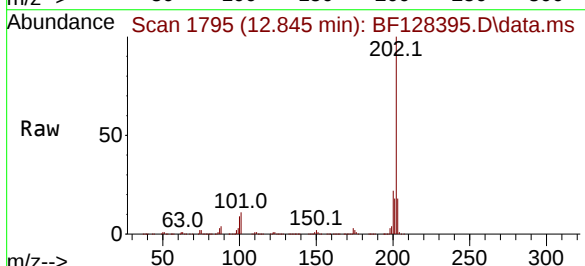
Tgt Ion:202 Resp: 854182

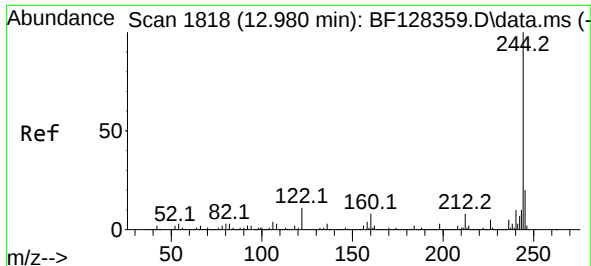
Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

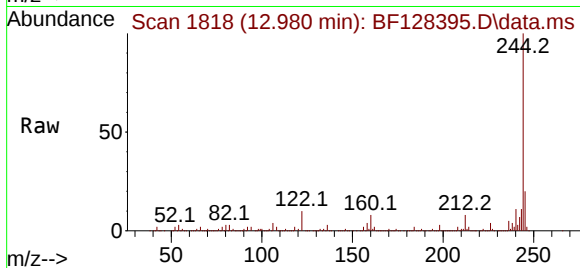
203 17.6 14.0 21.0



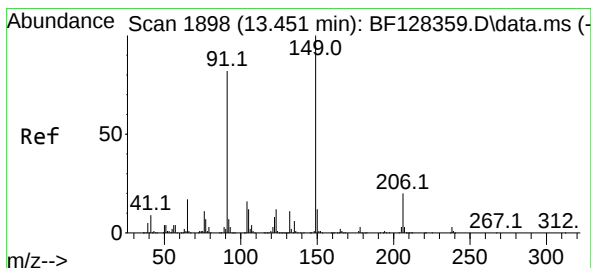
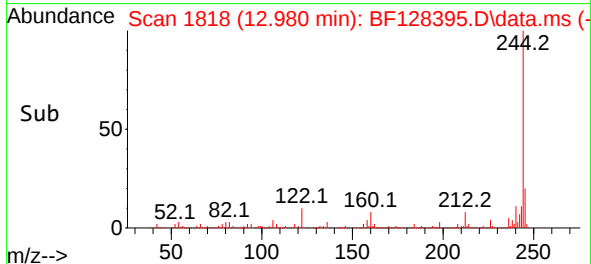
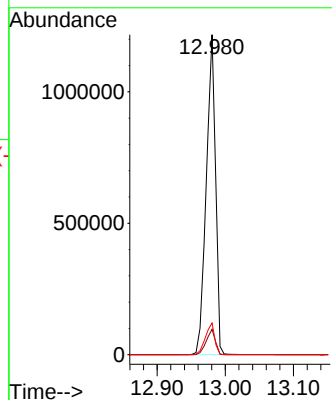


#79
 Terphenyl-d14
 Concen: 77.284 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128395.D
 Acq: 23 May 2022 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB145019BS

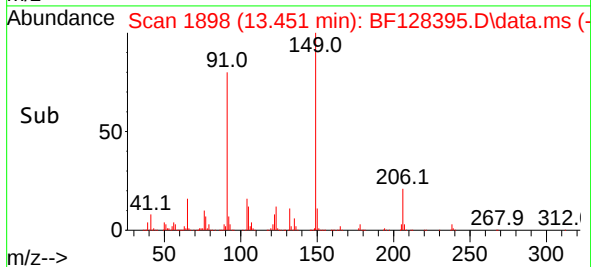
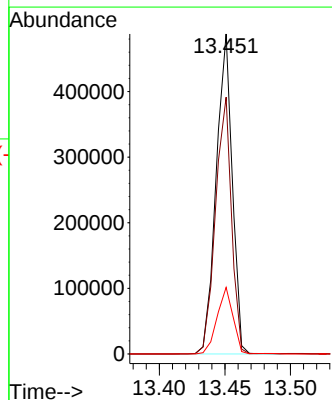
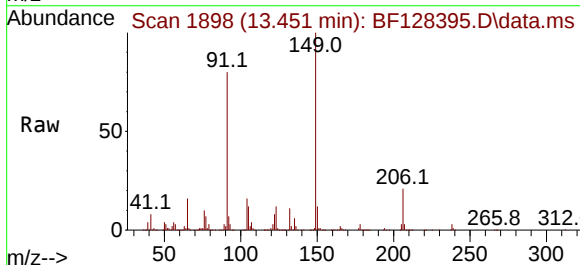


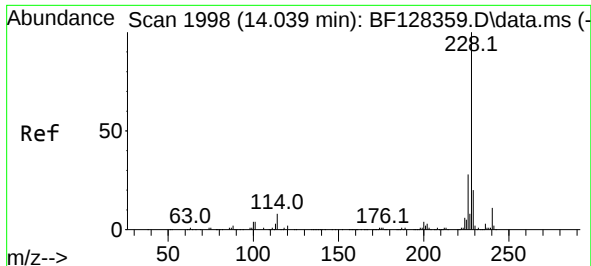
Tgt Ion:244 Resp: 1153315
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 9.9 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 48.082 ng
 RT: 13.451 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: BF128395.D
 Acq: 23 May 2022 12:27

Tgt Ion:149 Resp: 415911
 Ion Ratio Lower Upper
 149 100
 91 80.3 65.8 98.6
 206 20.8 15.4 23.2

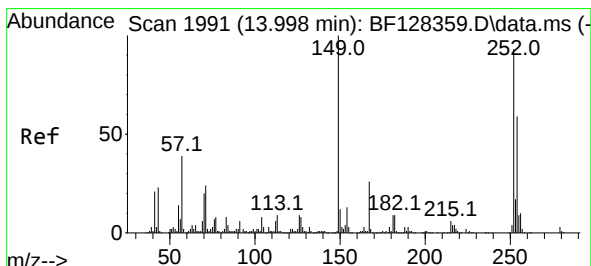
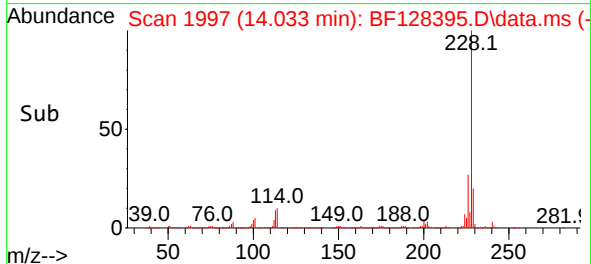
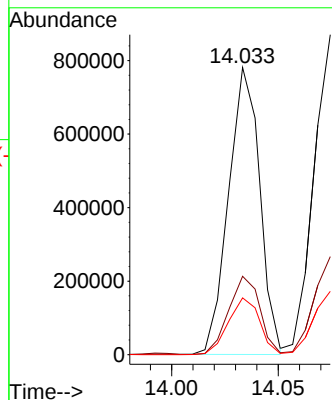
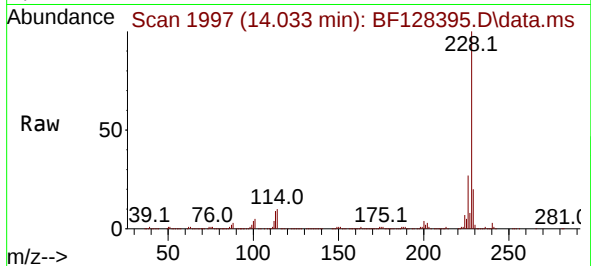




#81
Benzo(a)anthracene
Concen: 43.379 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

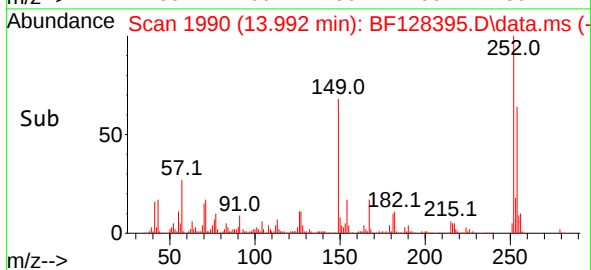
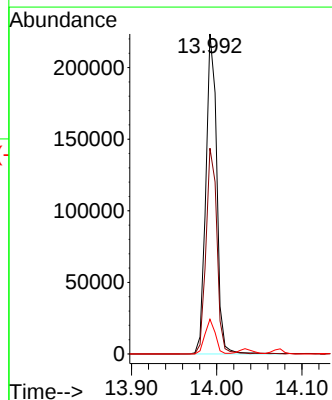
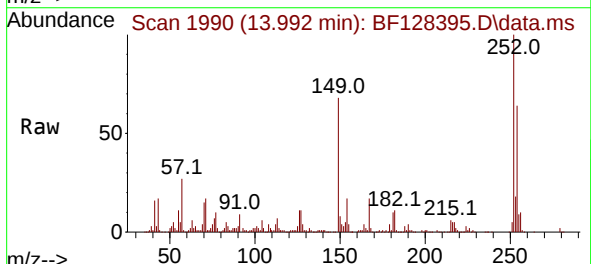
Instrument :
BNA_F
ClientSampleId :
PB145019BS

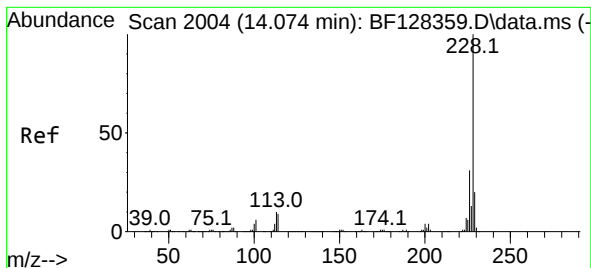
Tgt Ion:228 Resp: 795073
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 47.500 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:252 Resp: 198673
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 10.9 8.8 13.2





#83

Chrysene

Concen: 43.698 ng

RT: 14.074 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

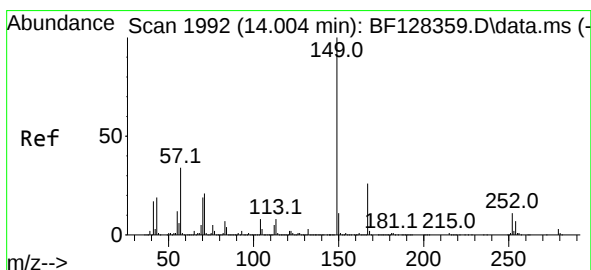
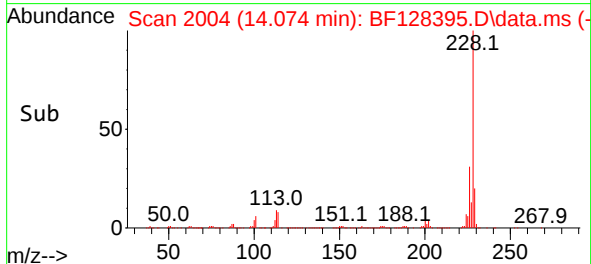
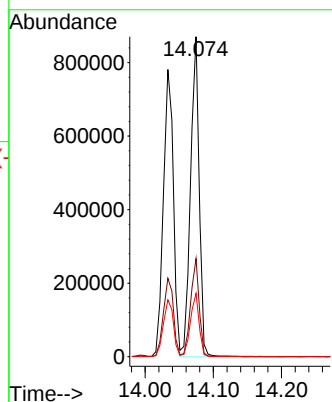
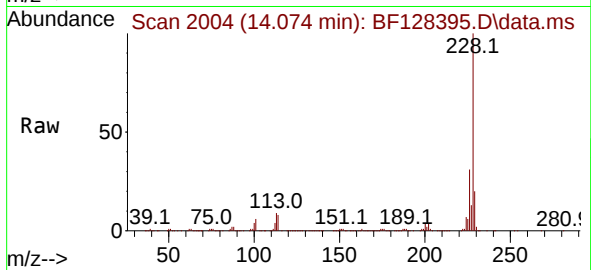
Tgt Ion:228 Resp: 762802

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.747 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

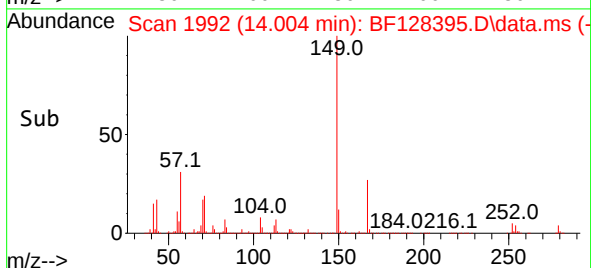
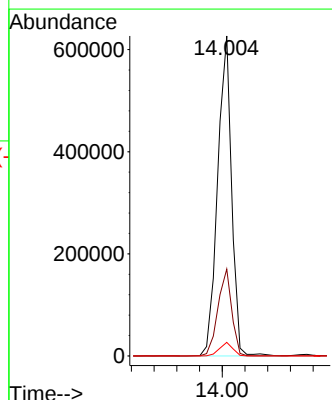
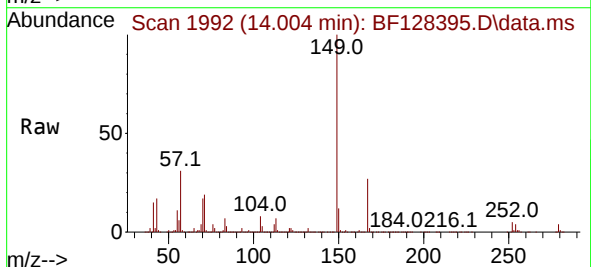
Tgt Ion:149 Resp: 534703

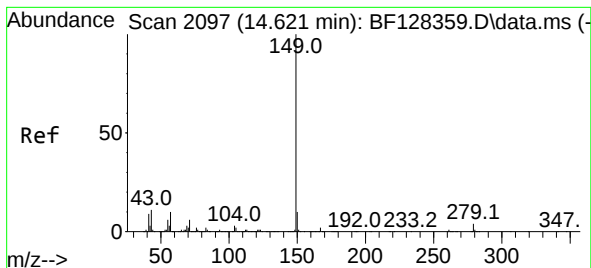
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 48.198 ng

RT: 14.616 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

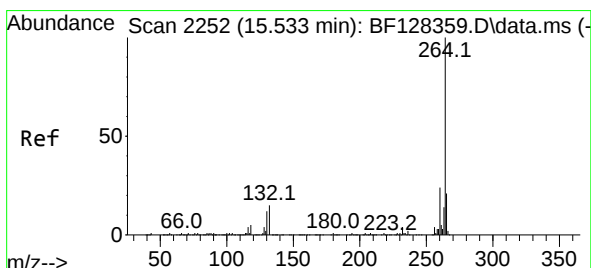
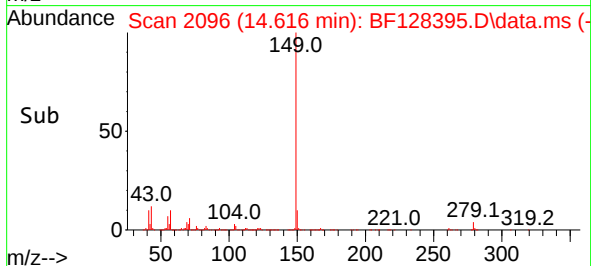
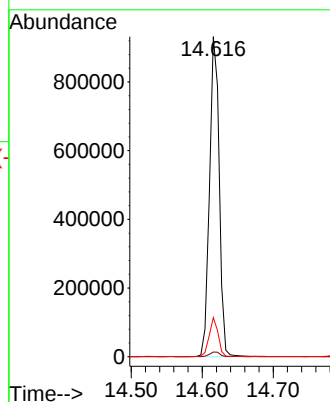
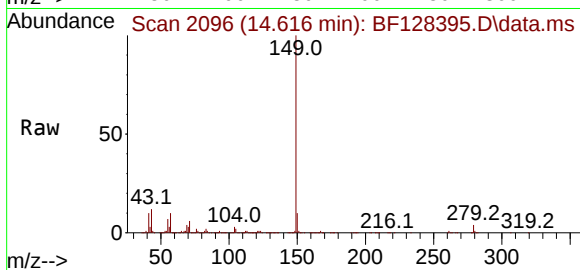
Tgt Ion:149 Resp: 885912

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.3 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2252

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

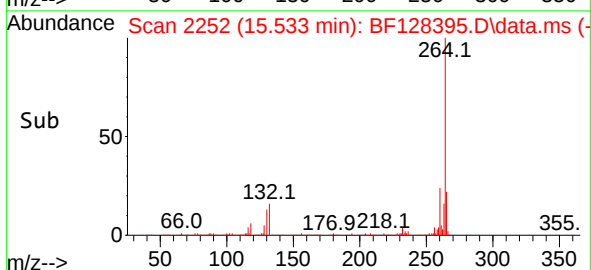
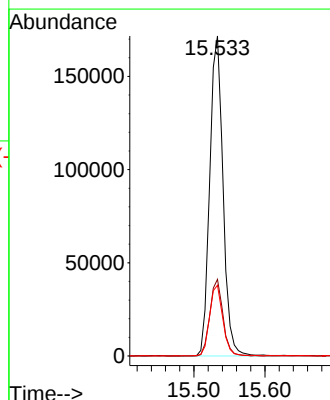
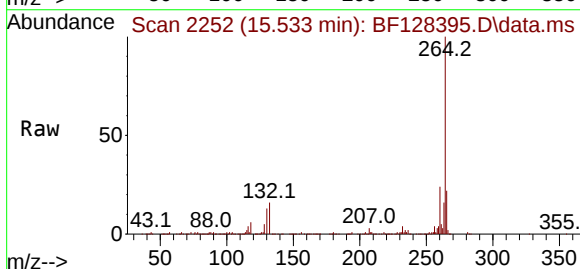
Tgt Ion:264 Resp: 223644

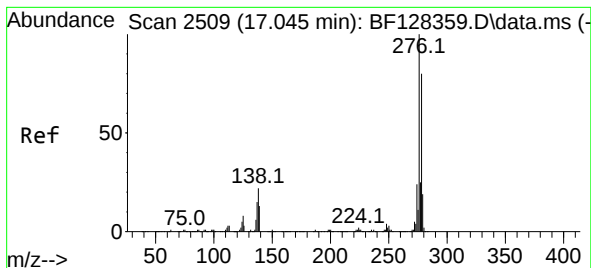
Ion Ratio Lower Upper

264 100

260 23.9 20.1 30.1

265 22.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.996 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

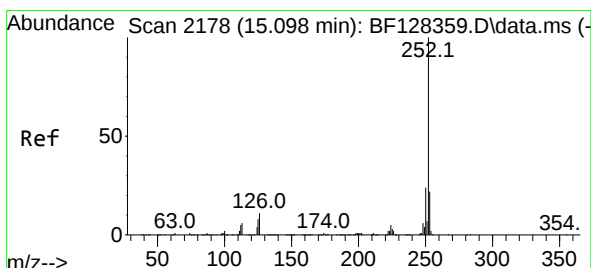
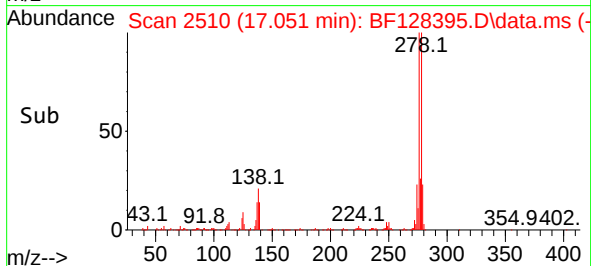
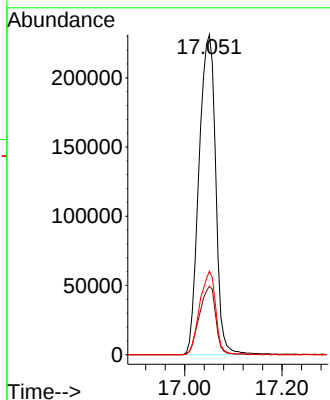
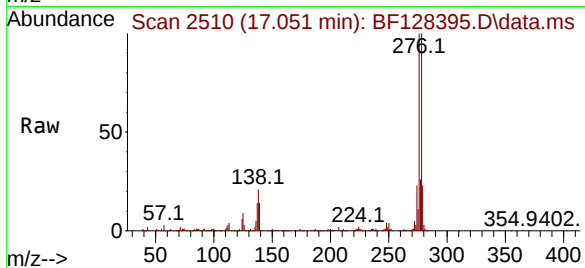
Tgt Ion:276 Resp: 548837

Ion Ratio Lower Upper

276 100

138 20.8 19.0 28.4

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.284 ng

RT: 15.098 min Scan# 2178

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

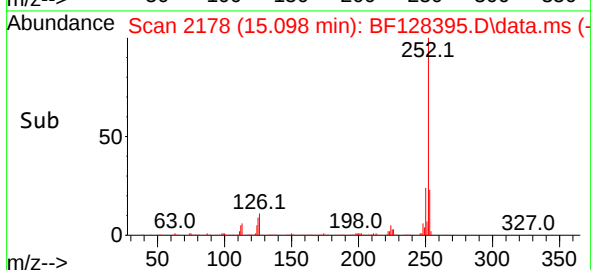
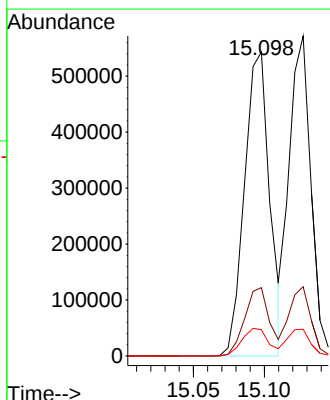
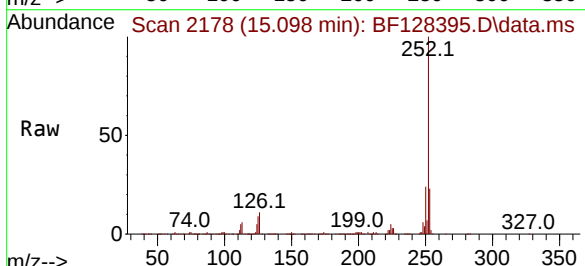
Tgt Ion:252 Resp: 671737

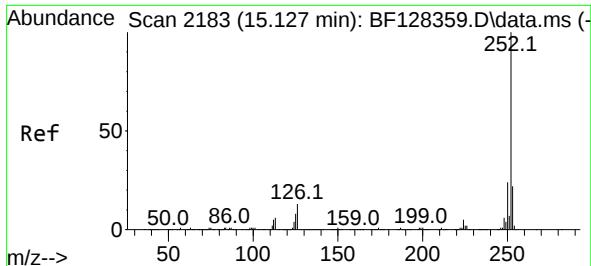
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 8.7 7.4 11.2

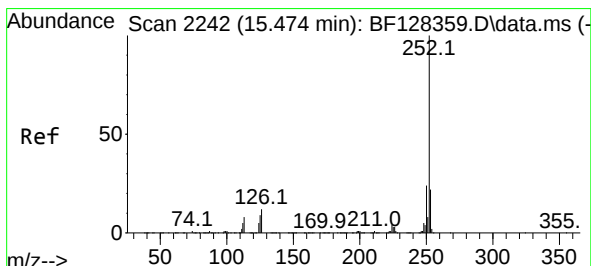
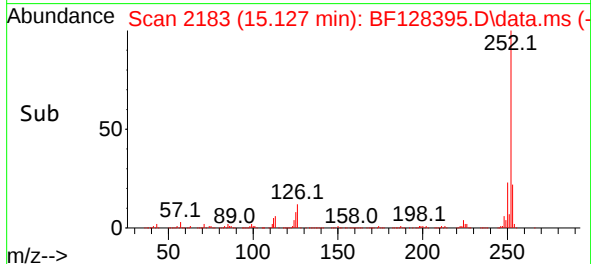
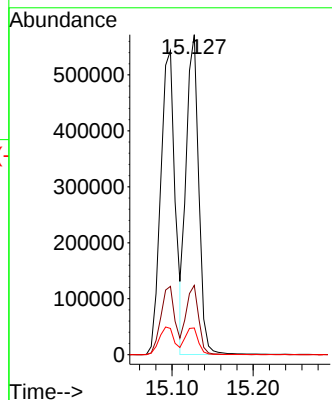
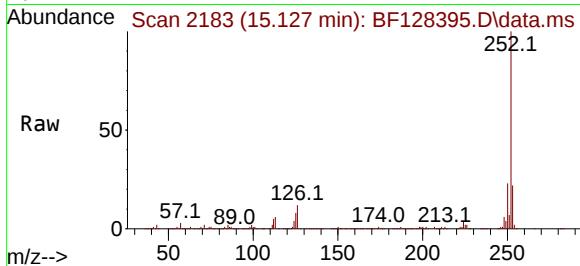




#89
Benzo(k)fluoranthene
Concen: 47.052 ng
RT: 15.127 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

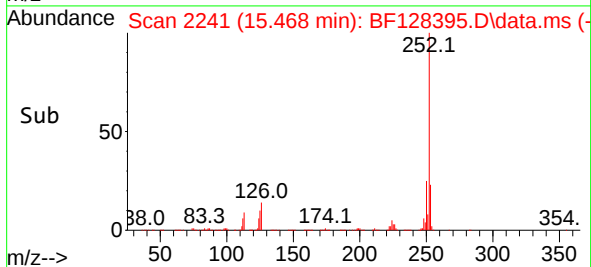
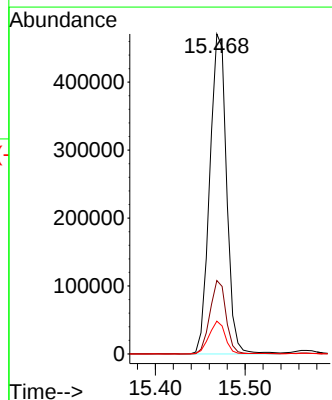
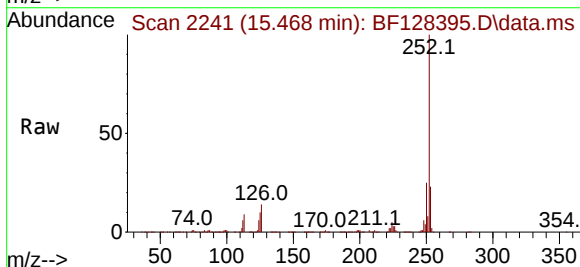
Instrument :
BNA_F
ClientSampleId :
PB145019BS

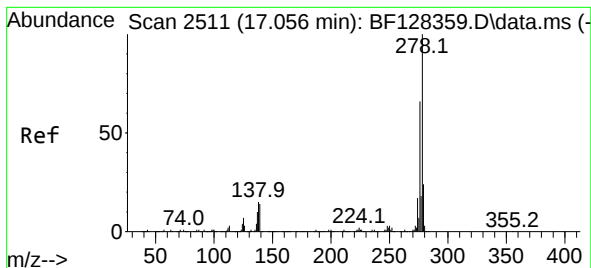
Tgt Ion:252 Resp: 613097
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 8.4 6.8 10.2



#90
Benzo(a)pyrene
Concen: 54.981 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF128395.D
Acq: 23 May 2022 12:27

Tgt Ion:252 Resp: 614024
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.3 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 45.146 ng

RT: 17.057 min Scan# 2511

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB145019BS

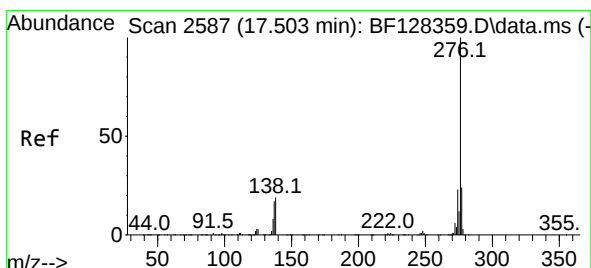
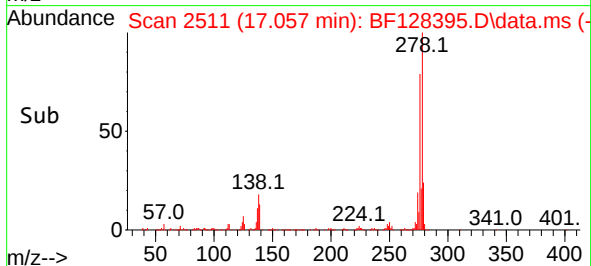
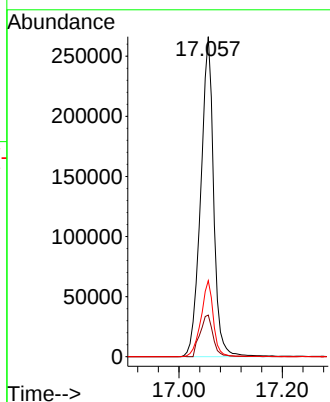
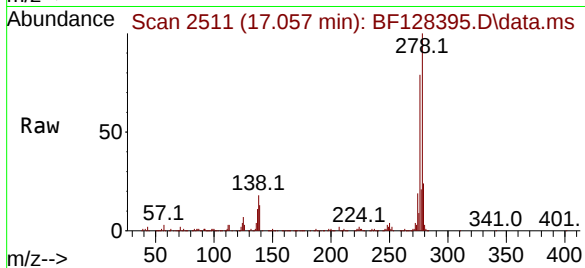
Tgt Ion:278 Resp: 462395

Ion Ratio Lower Upper

278 100

139 13.0 12.6 19.0

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 44.623 ng

RT: 17.504 min Scan# 2587

Delta R.T. 0.000 min

Lab File: BF128395.D

Acq: 23 May 2022 12:27

Tgt Ion:276 Resp: 476813

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 18.6 16.2 24.2

