

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128017.D
 Acq On : 02 May 2022 10:53
 Operator : CG\JU
 Sample : PB144493BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144493BS

Quant Time: May 02 14:36:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	144921	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	582236	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	333526	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	595107	20.000	ng	0.00
76) Chrysene-d12	14.121	240	393495	20.000	ng	0.00
86) Perylene-d12	15.633	264	293929	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1025137	112.670	ng	0.02
7) Phenol-d6	6.569	99	1363895	115.525	ng	0.00
23) Nitrobenzene-d5	7.504	82	1002955	81.003	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	410082	122.139	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1594519	80.879	ng	0.00
79) Terphenyl-d14	13.057	244	1806258	83.936	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	127257	29.314	ng	96
3) Pyridine	3.657	79	352165	31.661	ng	98
4) n-Nitrosodimethylamine	3.628	42	225299	41.845	ng	97
6) Aniline	6.598	93	541665	38.616	ng	100
8) 2-Chlorophenol	6.722	128	407880	43.192	ng	96
9) Benzaldehyde	6.487	77	272858	37.359	ng	95
10) Phenol	6.581	94	520615	43.722	ng	91
11) bis(2-Chloroethyl)ether	6.669	93	415001	42.015	ng	98
12) 1,3-Dichlorobenzene	6.875	146	427699	39.346	ng	98
13) 1,4-Dichlorobenzene	6.951	146	428126	39.458	ng	99
14) 1,2-Dichlorobenzene	7.098	146	414981	41.314	ng	98
15) Benzyl Alcohol	7.075	79	363953	45.333	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	617474	40.902	ng	91
17) 2-Methylphenol	7.186	107	364756	44.767	ng	94
18) Hexachloroethane	7.439	117	169496	42.492	ng	97
19) n-Nitroso-di-n-propyla...	7.345	70	319237	44.173	ng	97
20) 3+4-Methylphenols	7.339	107	406289	41.278	ng	# 85
22) Acetophenone	7.345	105	567862	40.016	ng	# 93
24) Nitrobenzene	7.516	77	492039	41.240	ng	99
25) Isophorone	7.757	82	906212	43.486	ng	99
26) 2-Nitrophenol	7.834	139	219879	43.248	ng	94
27) 2,4-Dimethylphenol	7.863	122	376584	44.594	ng	97
28) bis(2-Chloroethoxy)met...	7.957	93	523742	39.216	ng	99
29) 2,4-Dichlorophenol	8.075	162	345394	39.041	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	384355	38.247	ng	99
31) Naphthalene	8.239	128	1153252	38.890	ng	99
32) Benzoic acid	8.004	122	197181	32.577	ng	96
33) 4-Chloroaniline	8.286	127	358209	30.530	ng	98
34) Hexachlorobutadiene	8.345	225	249987	39.493	ng	98
35) Caprolactam	8.675	113	63227	22.140	ng	94
36) 4-Chloro-3-methylphenol	8.775	107	393778	41.677	ng	97
37) 2-Methylnaphthalene	8.933	142	782697	39.937	ng	98
38) 1-Methylnaphthalene	9.028	142	743176	39.013	ng	98
40) 1,2,4,5-Tetrachloroben...	9.098	216	379890	38.643	ng	98
41) Hexachlorocyclopentadiene	9.075	237	479285	89.986	ng	100
43) 2,4,6-Trichlorophenol	9.210	196	248049	38.347	ng	99

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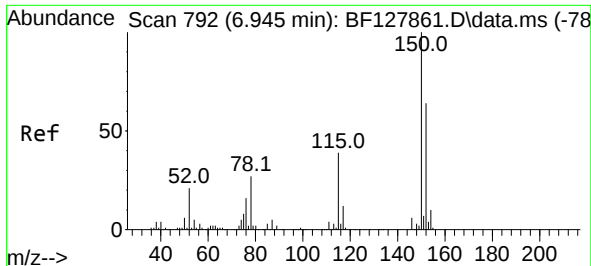
Quant Time: May 02 14:36:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	268899	38.240	ng	96
46) 1,1'-Biphenyl	9.398	154	960175	38.864	ng	99
47) 2-Chloronaphthalene	9.422	162	705880	37.531	ng	97
48) 2-Nitroaniline	9.522	65	266768	41.932	ng	95
49) Acenaphthylene	9.839	152	1137807	39.549	ng	100
50) Dimethylphthalate	9.698	163	870353	38.911	ng	100
51) 2,6-Dinitrotoluene	9.763	165	200810	41.464	ng	92
52) Acenaphthene	10.016	154	683832	35.355	ng	99
53) 3-Nitroaniline	9.933	138	163648	30.430	ng	96
54) 2,4-Dinitrophenol	10.051	184	215243	84.393	ng	89
55) Dibenzofuran	10.186	168	1016766	36.436	ng	97
56) 4-Nitrophenol	10.104	139	284378	69.250	ng	90
57) 2,4-Dinitrotoluene	10.175	165	260307	40.578	ng	# 82
58) Fluorene	10.533	166	806958	38.753	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.304	232	228439	38.632	ng	99
60) Diethylphthalate	10.398	149	851021	38.799	ng	100
61) 4-Chlorophenyl-phenyle...	10.516	204	401800	38.831	ng	95
62) 4-Nitroaniline	10.557	138	200182	38.074	ng	92
63) Azobenzene	10.680	77	917092	37.998	ng	98
65) 4,6-Dinitro-2-methylph...	10.586	198	145210	41.065	ng	98
66) n-Nitrosodiphenylamine	10.639	169	722134	38.998	ng	98
67) 4-Bromophenyl-phenylether	11.010	248	259227	39.294	ng	96
68) Hexachlorobenzene	11.080	284	281714	40.531	ng	# 92
69) Atrazine	11.169	200	254910	44.519	ng	97
70) Pentachlorophenol	11.274	266	292609	71.559	ng	98
71) Phenanthrene	11.498	178	1174246	37.695	ng	100
72) Anthracene	11.551	178	1199014	38.639	ng	99
73) Carbazole	11.704	167	1070251	35.786	ng	99
74) Di-n-butylphthalate	12.021	149	1314397	39.084	ng	99
75) Fluoranthene	12.692	202	1239791	37.815	ng	96
77) Benzidine	12.810	184	562940	75.608	ng	98
78) Pyrene	12.921	202	1254402	39.490	ng	100
80) Butylbenzylphthalate	13.527	149	527577	42.374	ng	97
81) Benzo(a)anthracene	14.110	228	1047743	39.948	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	272471	32.719	ng	99
83) Chrysene	14.151	228	946663	37.793	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	707676	42.861	ng	99
85) Di-n-octyl phthalate	14.698	149	1097399	42.889	ng	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	722623	36.833	ng	98
88) Benzo(b)fluoranthene	15.186	252	811786	43.972	ng	100
89) Benzo(k)fluoranthene	15.215	252	779953	41.934	ng	98
90) Benzo(a)pyrene	15.568	252	731314	47.756	ng	98
91) Dibenzo(a,h)anthracene	17.203	278	623155	39.604	ng	98
92) Benzo(g,h,i)perylene	17.662	276	647145	39.027	ng	98

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

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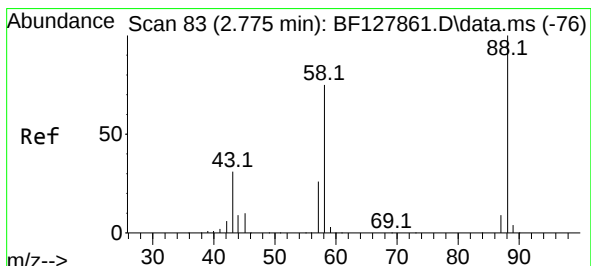
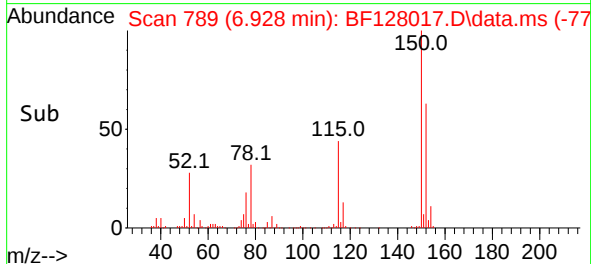
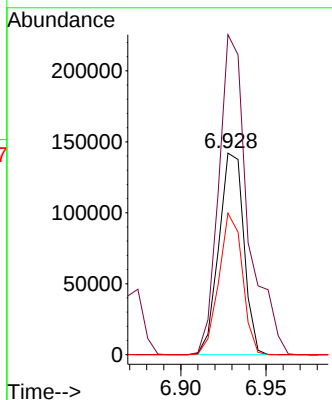
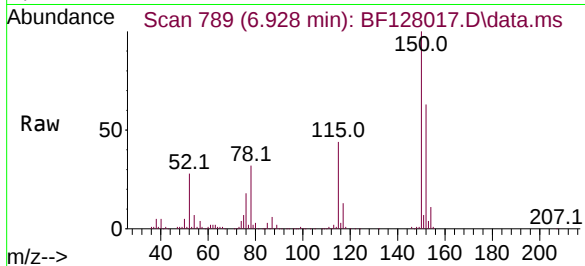




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128017.D
 Acq: 02 May 2022 10:53

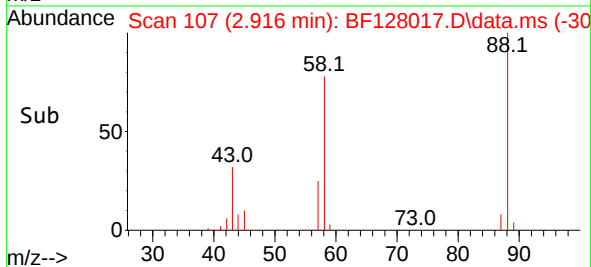
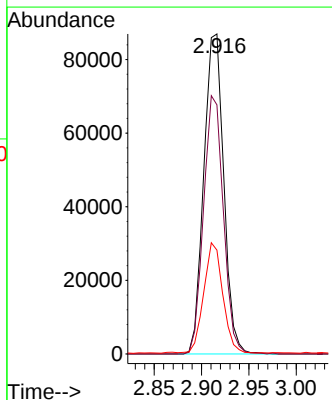
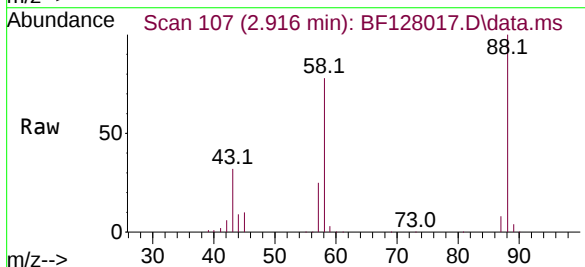
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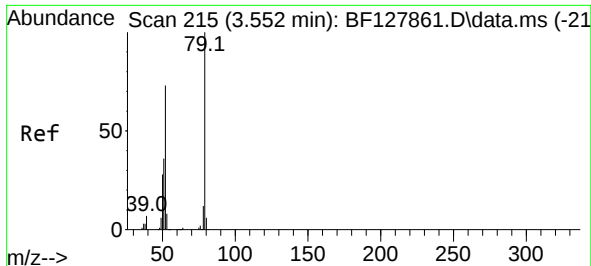
Tgt Ion:152 Resp: 144921
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.3 187.9
 115 70.2 48.8 73.2



#2
 1,4-Dioxane
 Concen: 29.314 ng
 RT: 2.916 min Scan# 107
 Delta R.T. 0.153 min
 Lab File: BF128017.D
 Acq: 02 May 2022 10:53

Tgt Ion: 88 Resp: 127257
 Ion Ratio Lower Upper
 88 100
 58 80.0 61.0 91.4
 43 32.7 24.9 37.3

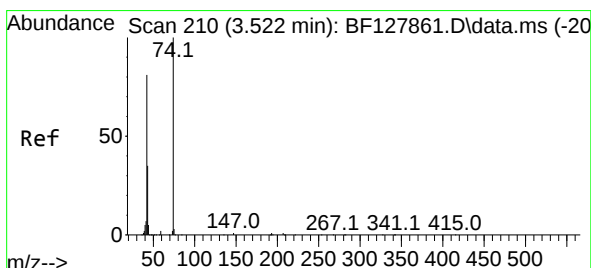
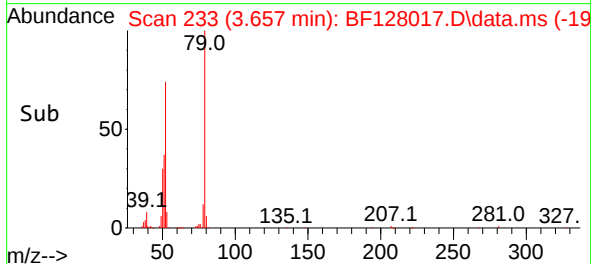
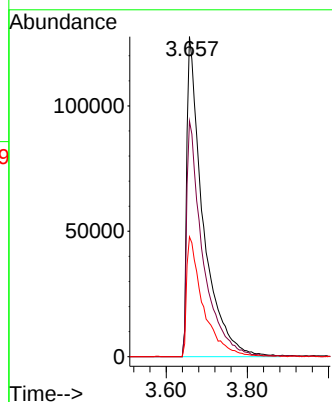
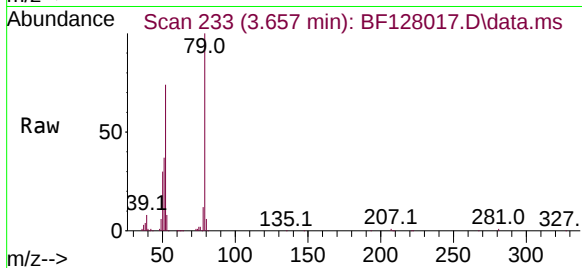




#3
Pyridine
Concen: 31.661 ng
RT: 3.657 min Scan# 215
Delta R.T. 0.118 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

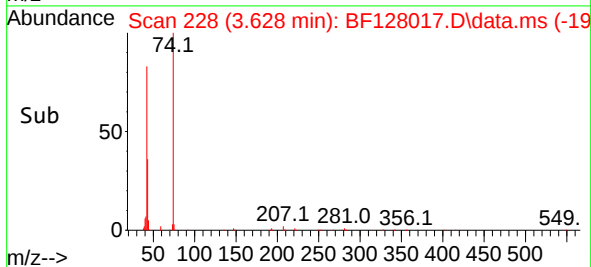
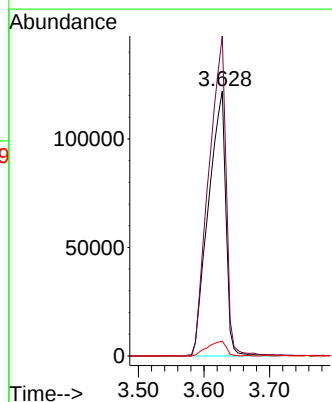
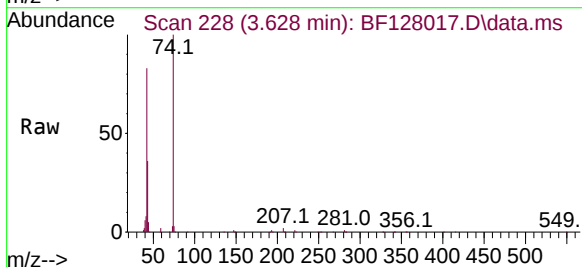
Instrument :
BNA_F
ClientSampleId :
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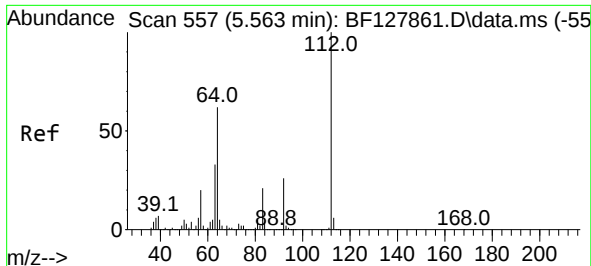
Tgt Ion: 79 Resp: 352165
Ion Ratio Lower Upper
79 100
52 73.6 58.3 87.5
51 37.5 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 41.845 ng
RT: 3.628 min Scan# 228
Delta R.T. 0.118 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion: 42 Resp: 225299
Ion Ratio Lower Upper
42 100
74 120.8 99.0 148.4
44 5.5 5.2 7.8

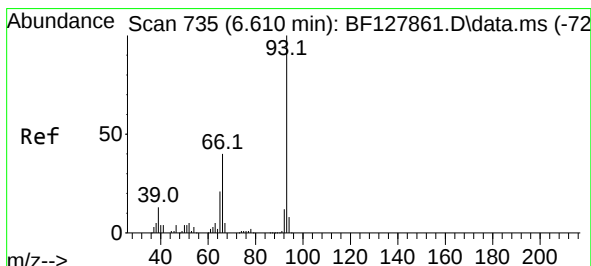
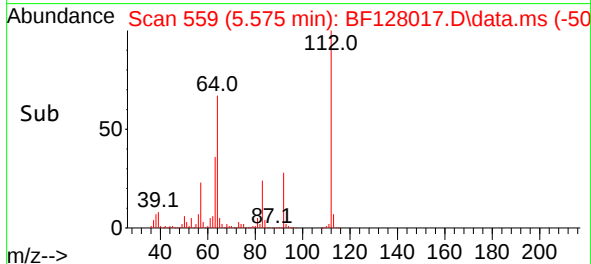
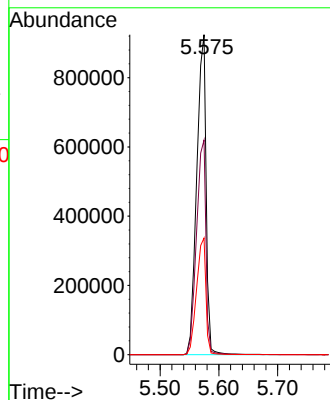
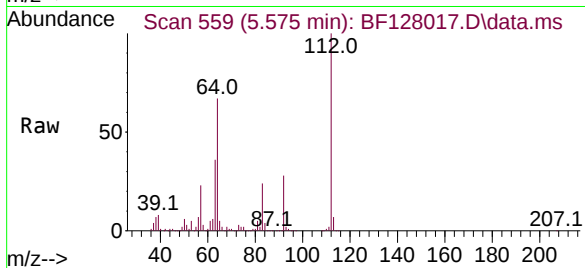




#5
2-Fluorophenol
Concen: 112.670 ng
RT: 5.575 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

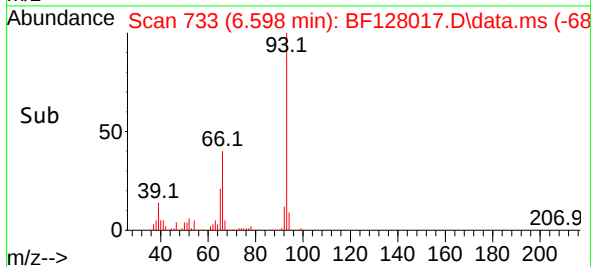
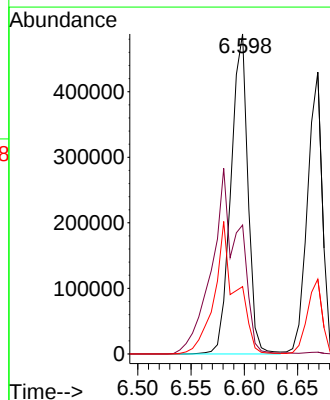
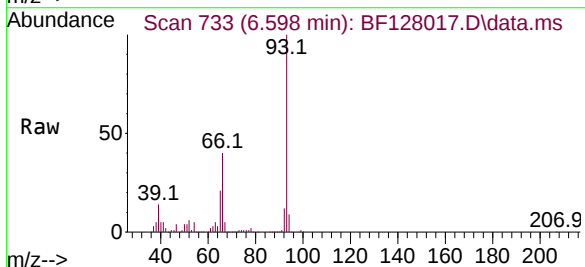
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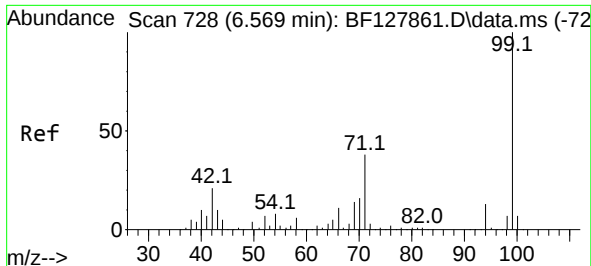
Tgt Ion:112 Resp: 1025137
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 36.5 26.3 39.5



#6
Aniline
Concen: 38.616 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion: 93 Resp: 541665
Ion Ratio Lower Upper
93 100
66 40.3 32.2 48.4
65 21.0 16.7 25.1

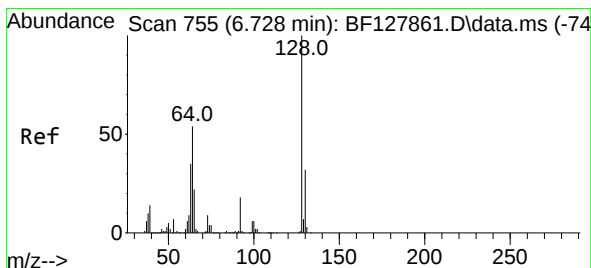
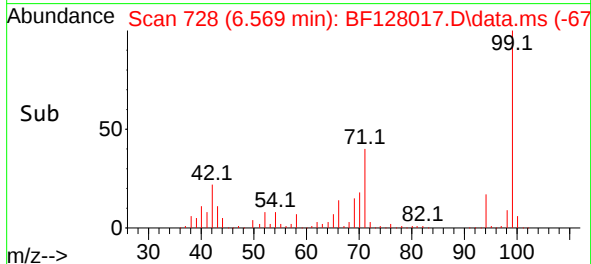
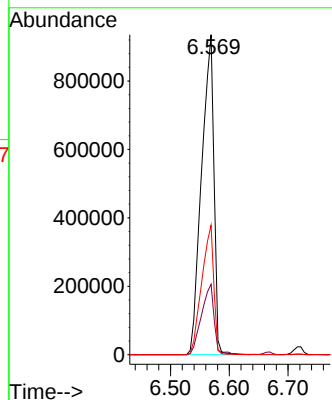
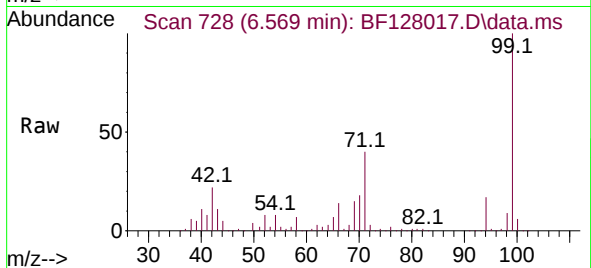




#7
Phenol-d6
Concen: 115.525 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

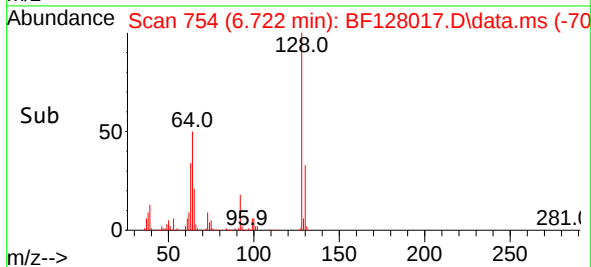
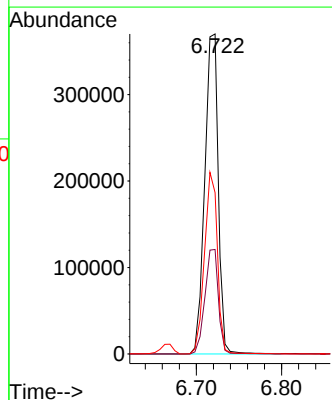
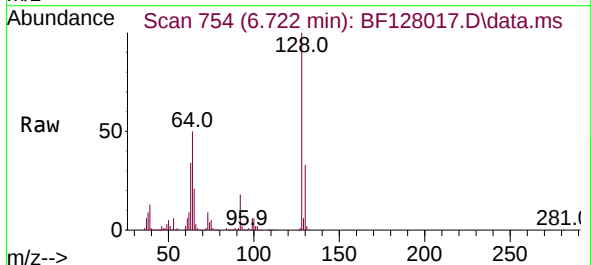
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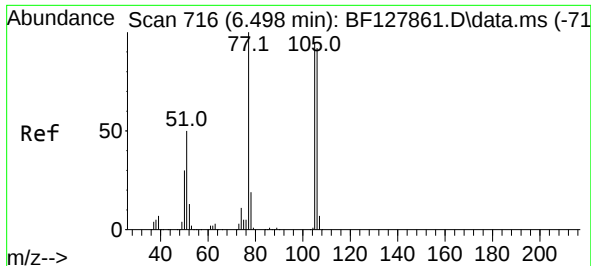
Tgt Ion: 99 Resp: 1363895
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 40.4 30.0 45.0



#8
2-Chlorophenol
Concen: 43.192 ng
RT: 6.722 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:128 Resp: 407880
Ion Ratio Lower Upper
128 100
130 32.7 11.6 51.6
64 50.4 33.8 73.8

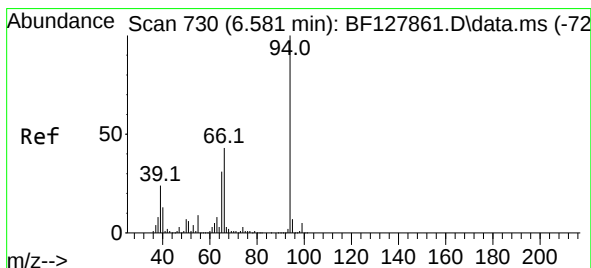
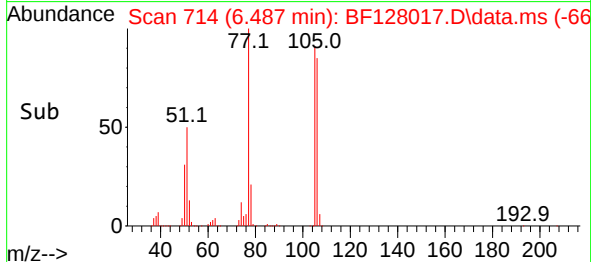
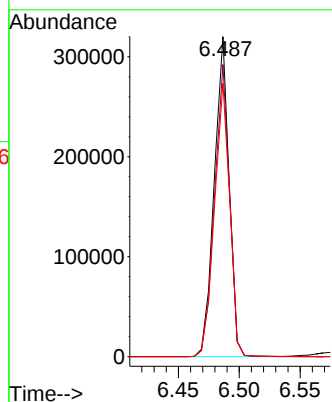
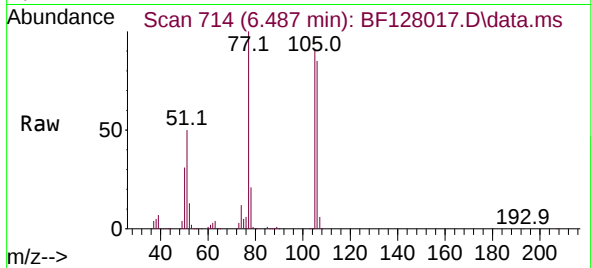




#9
Benzaldehyde
Concen: 37.359 ng
RT: 6.487 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

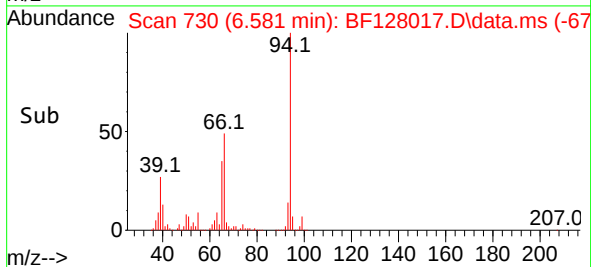
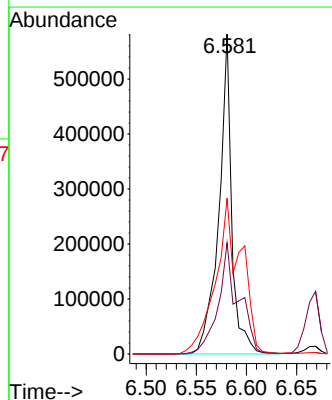
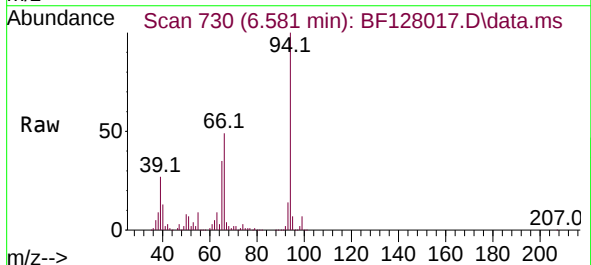
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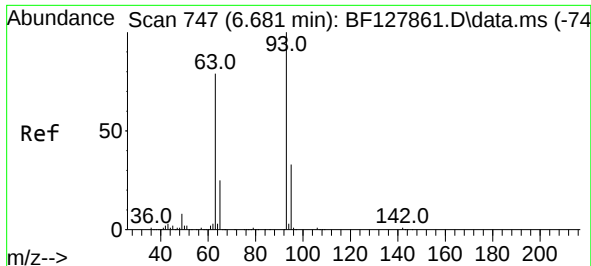
Tgt Ion: 77 Resp: 272858
Ion Ratio Lower Upper
77 100
105 91.3 74.9 114.9
106 85.4 72.2 112.2



#10
Phenol
Concen: 43.722 ng
RT: 6.581 min Scan# 730
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion: 94 Resp: 520615
Ion Ratio Lower Upper
94 100
65 34.7 10.6 50.6
66 48.6 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 42.015 ng

RT: 6.669 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

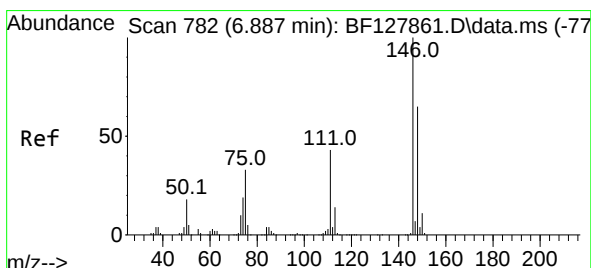
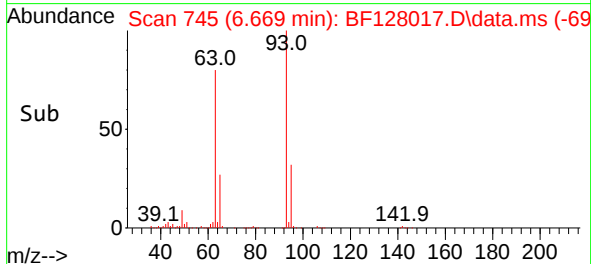
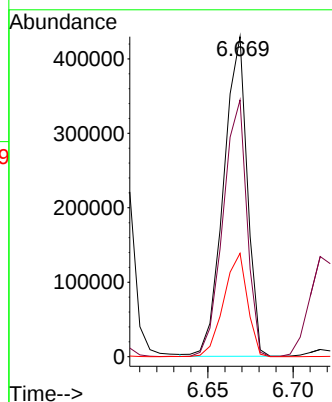
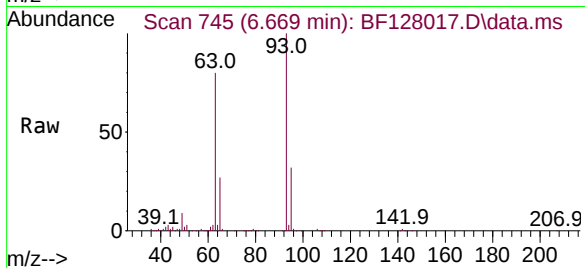
Tgt Ion: 93 Resp: 415001

Ion Ratio Lower Upper

93 100

63 80.2 58.6 98.6

95 32.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 39.346 ng

RT: 6.875 min Scan# 780

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

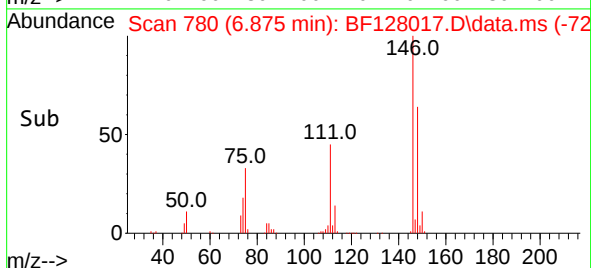
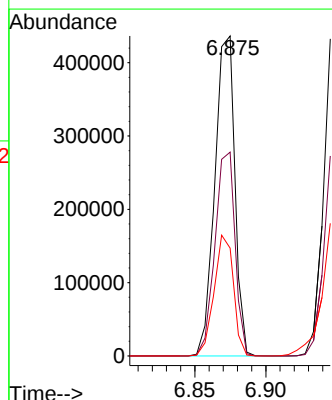
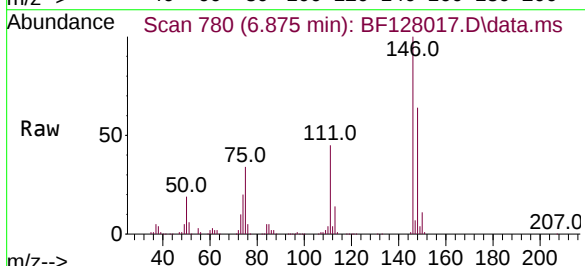
Tgt Ion:146 Resp: 427699

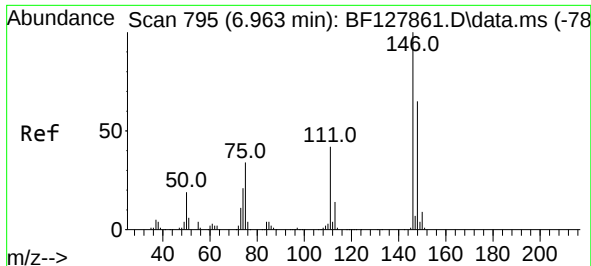
Ion Ratio Lower Upper

146 100

148 63.7 52.1 78.1

75 33.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.458 ng

RT: 6.951 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

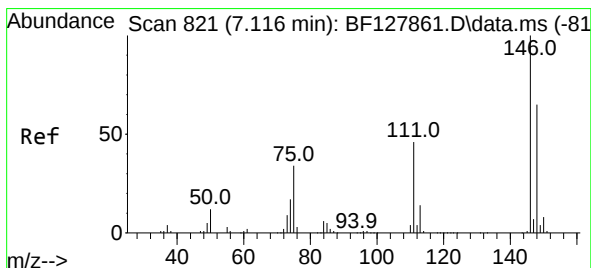
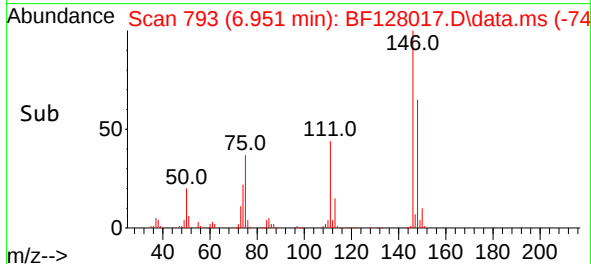
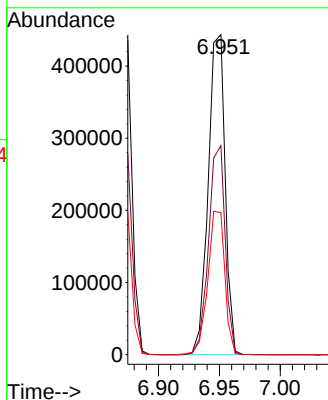
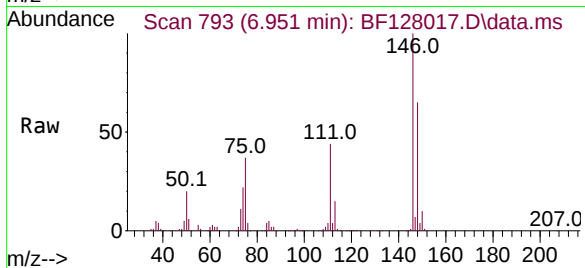
Tgt Ion:146 Resp: 428126

Ion Ratio Lower Upper

146 100

148 65.3 52.3 78.5

111 44.4 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 41.314 ng

RT: 7.098 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

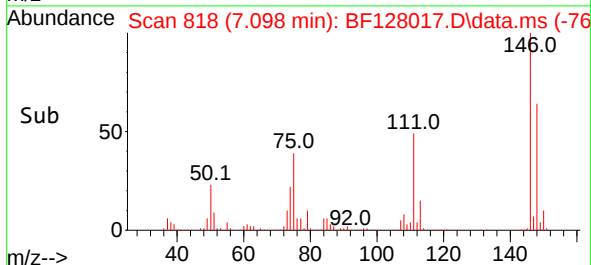
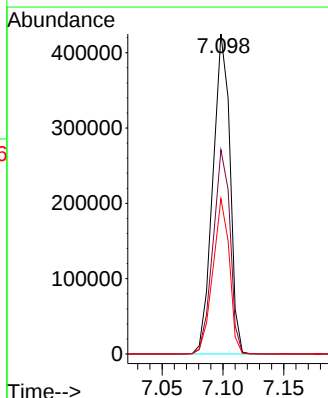
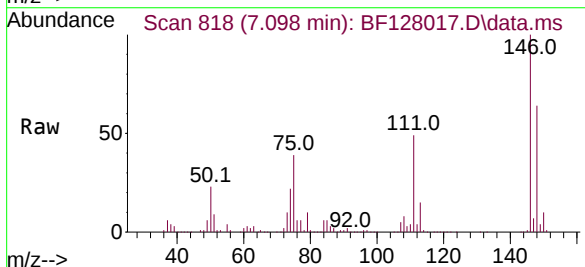
Tgt Ion:146 Resp: 414981

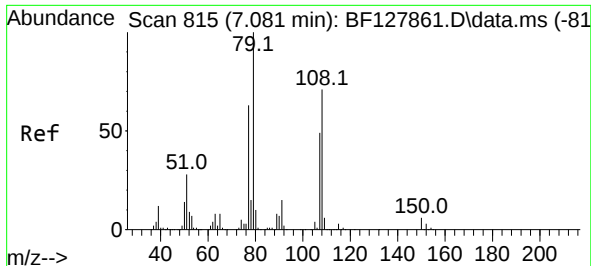
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

111 48.6 36.6 55.0

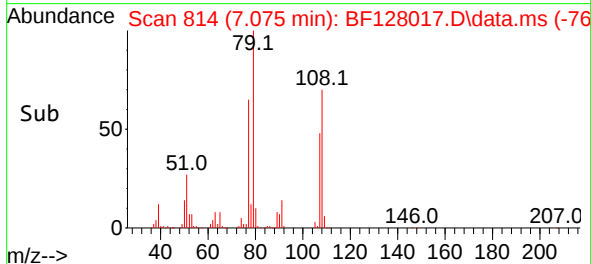
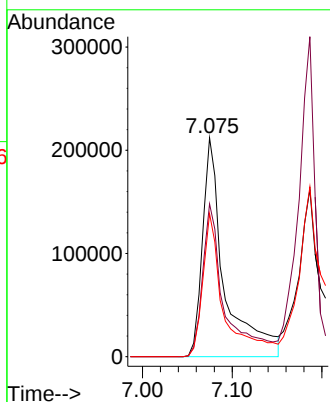
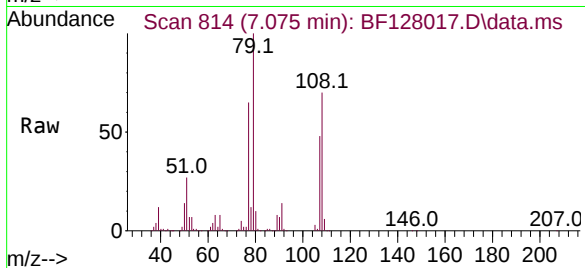




#15
Benzyl Alcohol
Concen: 45.333 ng
RT: 7.075 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

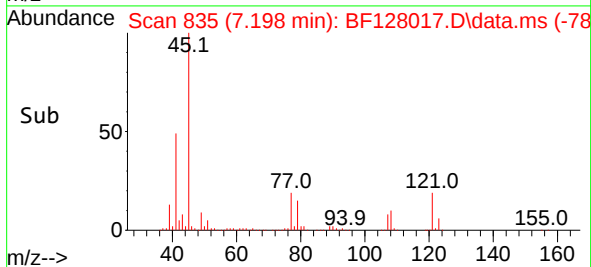
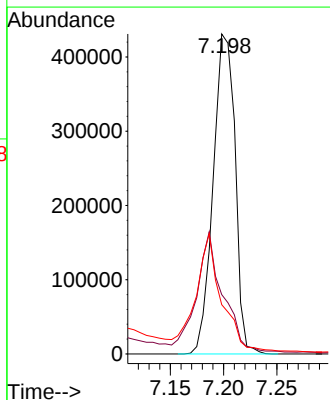
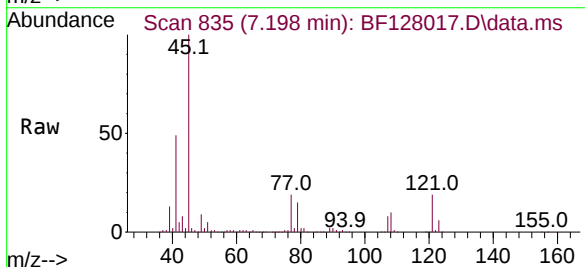
Instrument :
BNA_F
ClientSampleId :
PB144493BS

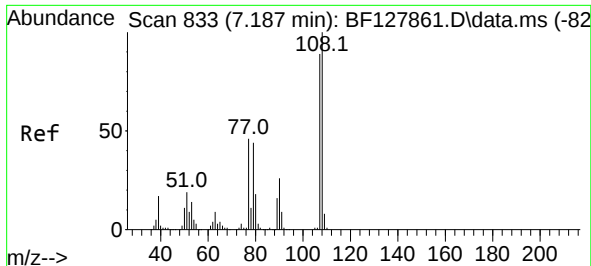
Tgt Ion: 79 Resp: 363953
Ion Ratio Lower Upper
79 100
108 69.8 57.0 85.6
77 65.4 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.902 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion: 45 Resp: 617474
Ion Ratio Lower Upper
45 100
77 18.5 0.0 34.9
79 15.4 0.0 31.6

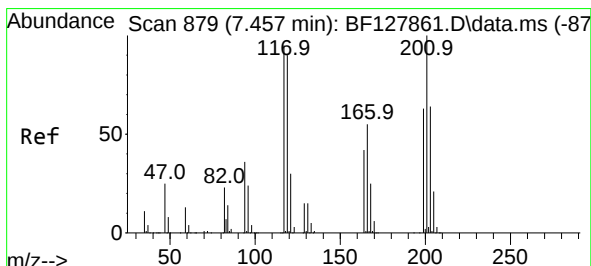
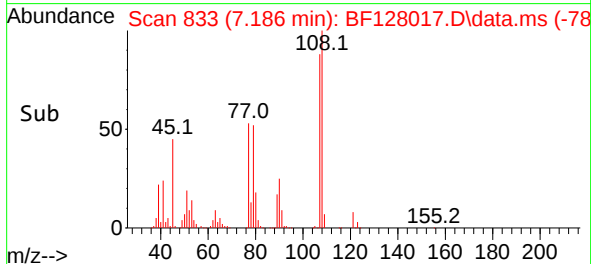
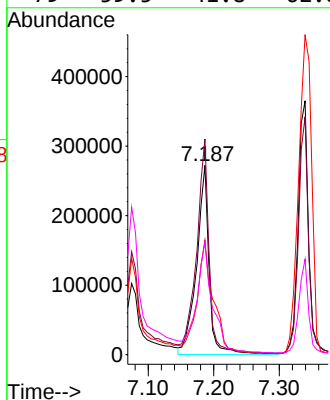
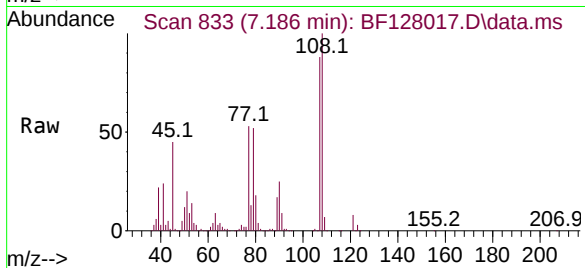




#17
2-Methylphenol
Concen: 44.767 ng
RT: 7.186 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

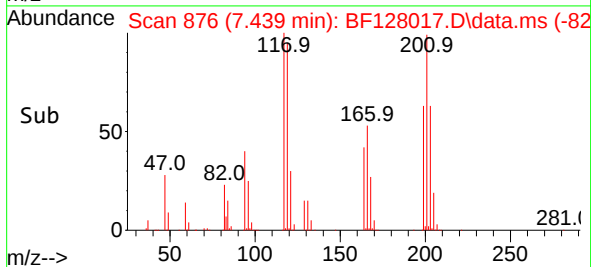
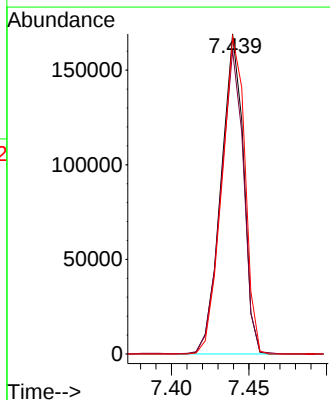
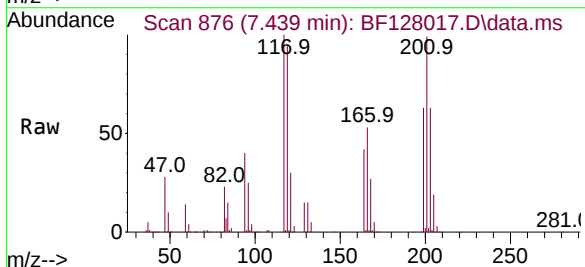
Instrument :
BNA_F
ClientSampleId :
PB144493BS

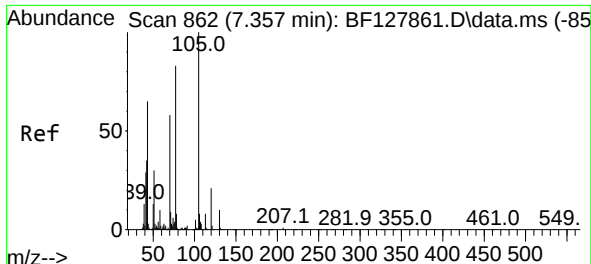
Tgt Ion:107 Resp: 364756
Ion Ratio Lower Upper
107 100
108 113.9 90.2 135.2
77 60.4 41.9 62.9
79 59.5 41.8 62.8



#18
Hexachloroethane
Concen: 42.492 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:117 Resp: 169496
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.4
201 99.2 84.4 126.6

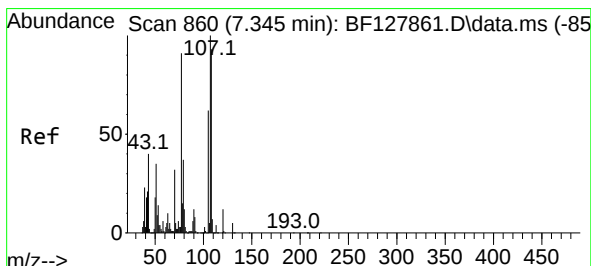
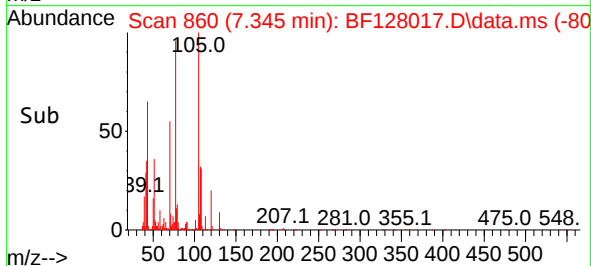
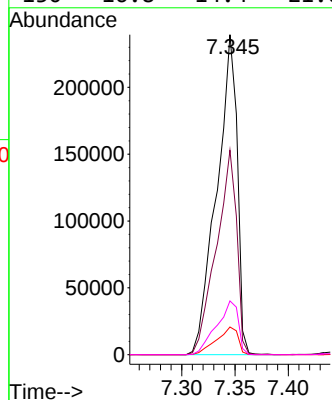
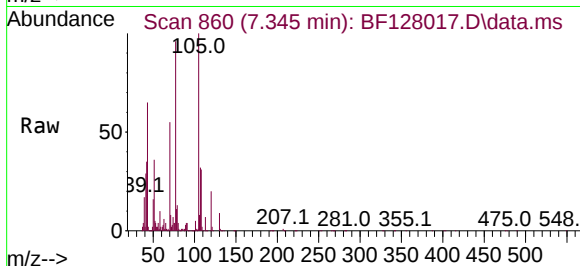




#19
n-Nitroso-di-n-propylamine
Concen: 44.173 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

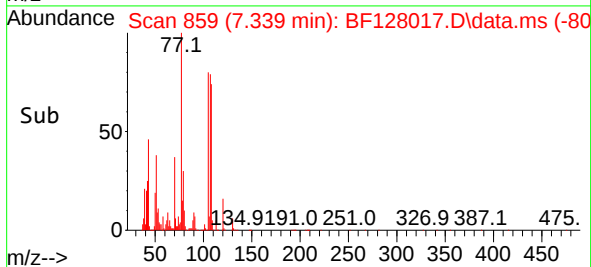
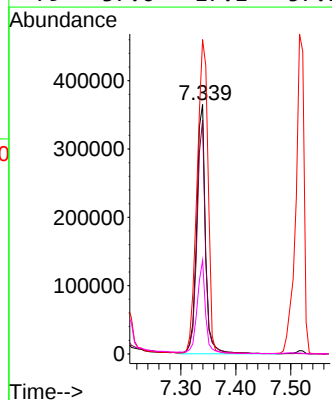
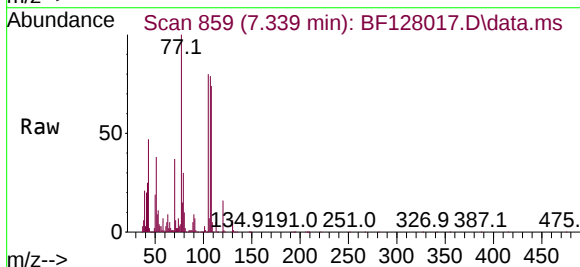
Instrument :
BNA_F
ClientSampleId :
PB144493BS

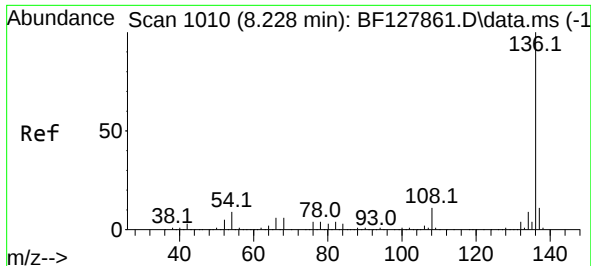
Tgt Ion: 70 Resp: 319237
Ion Ratio Lower Upper
70 100
42 63.9 48.7 73.1
101 8.6 7.2 10.8
130 16.8 14.4 21.6



#20
3+4-Methylphenols
Concen: 41.278 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:107 Resp: 406289
Ion Ratio Lower Upper
107 100
108 93.7 73.4 113.4
77 126.0 71.1 111.1#
79 37.6 17.1 57.1

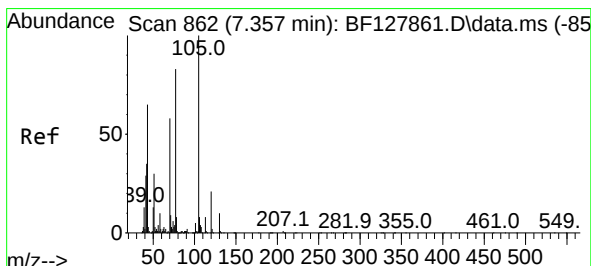
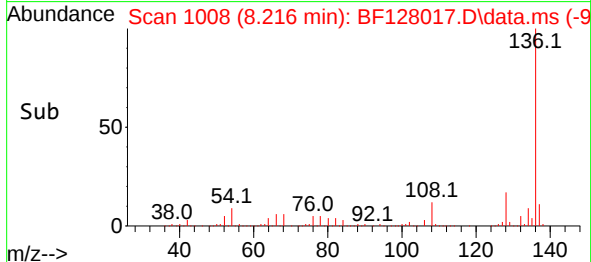
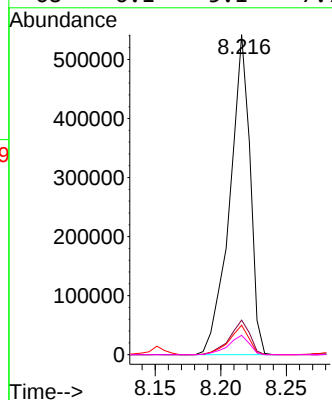
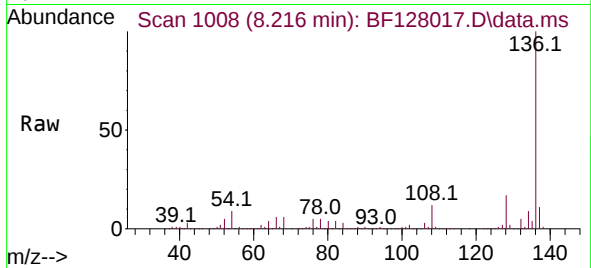




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

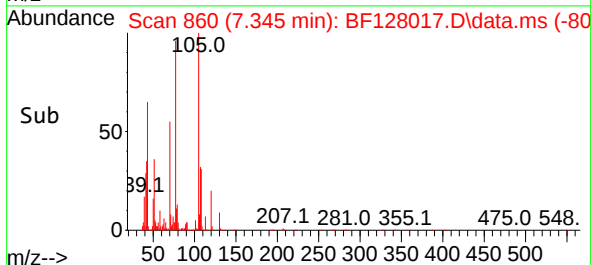
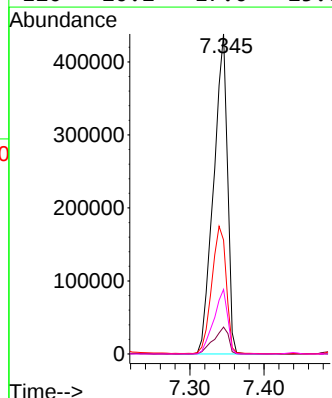
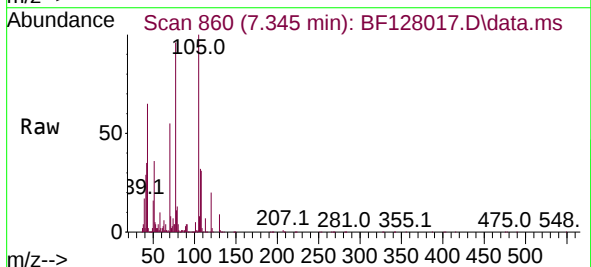
Instrument :
BNA_F
ClientSampleId :
PB144493BS

Tgt Ion:136 Resp: 582236
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 6.8 10.2
68 6.1 5.1 7.7



#22
Acetophenone
Concen: 40.016 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:105 Resp: 567862
Ion Ratio Lower Upper
105 100
71 8.4 7.3 10.9
51 35.6 23.7 35.5#
120 20.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 81.003 ng

RT: 7.504 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

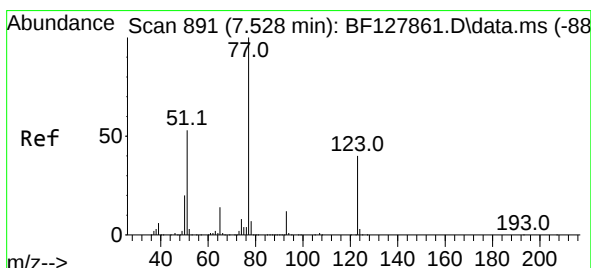
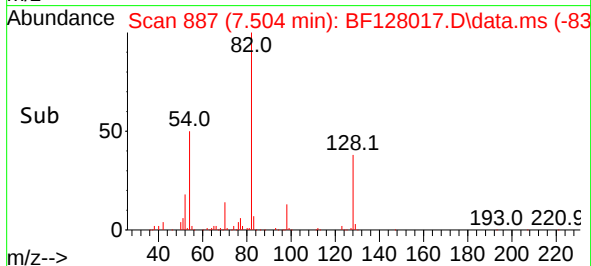
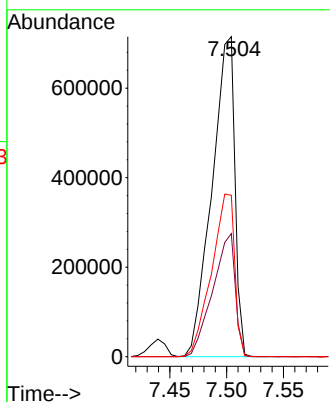
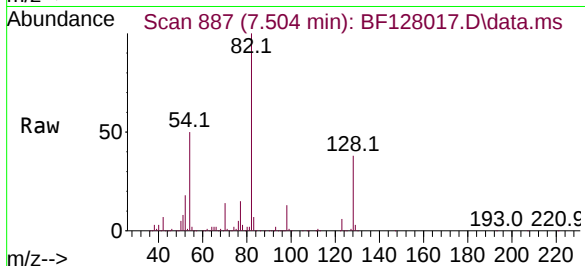
BNA_F

ClientSampleId :

PB144493BS

Tgt Ion: 82 Resp: 1002955

Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.0	45.0
54	50.4	41.3	61.9



#24

Nitrobenzene

Concen: 41.240 ng

RT: 7.516 min Scan# 889

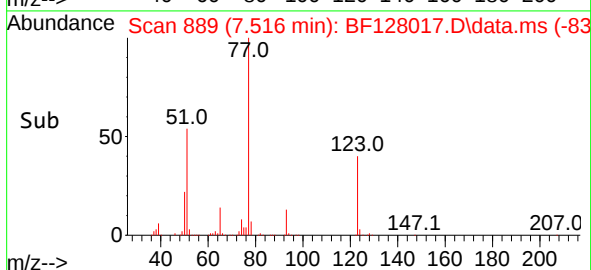
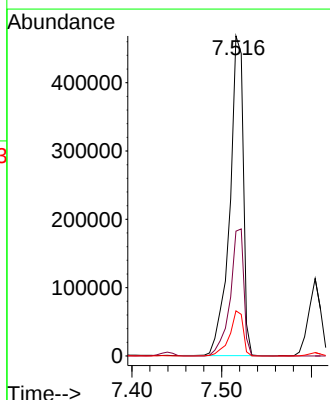
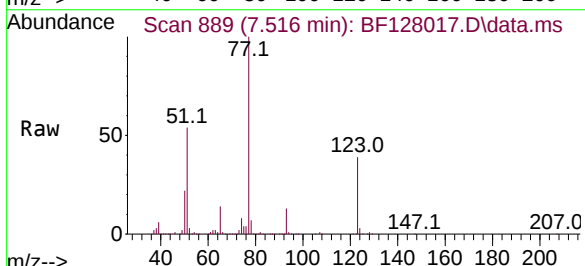
Delta R.T. -0.006 min

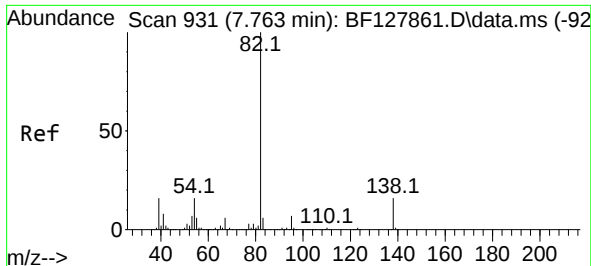
Lab File: BF128017.D

Acq: 02 May 2022 10:53

Tgt Ion: 77 Resp: 492039

Ion	Ratio	Lower	Upper
77	100		
123	39.0	32.0	48.0
65	14.1	11.0	16.6

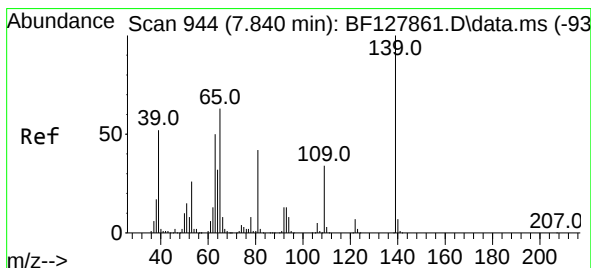
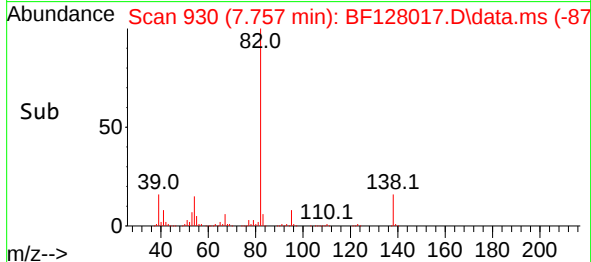
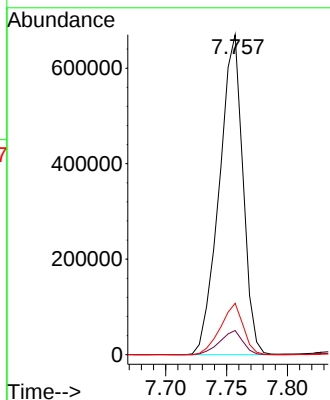
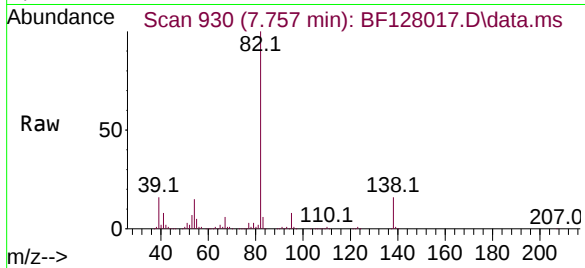




#25
Isophorone
Concen: 43.486 ng
RT: 7.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

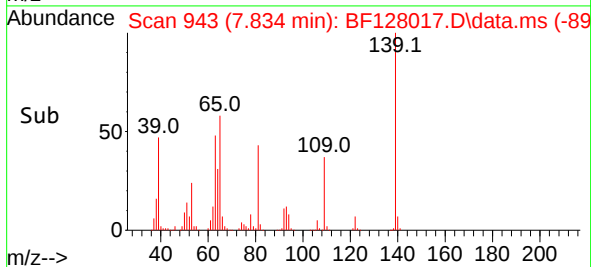
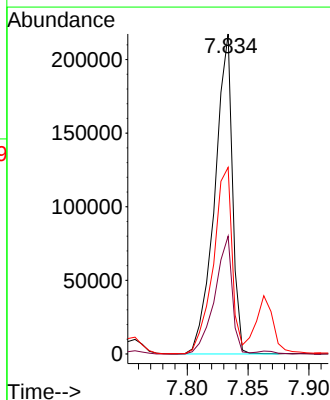
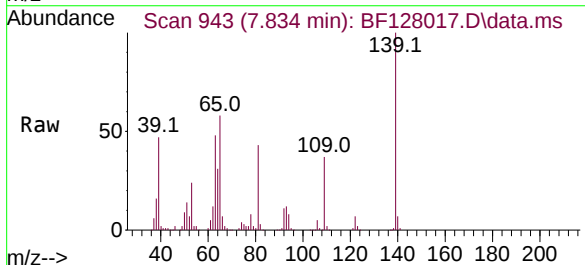
Instrument :
BNA_F
ClientSampleId :
PB144493BS

Tgt Ion: 82 Resp: 906212
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 16.1 12.5 18.7



#26
2-Nitrophenol
Concen: 43.248 ng
RT: 7.834 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion: 139 Resp: 219879
Ion Ratio Lower Upper
139 100
109 36.8 27.4 41.2
65 58.3 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 44.594 ng

RT: 7.863 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

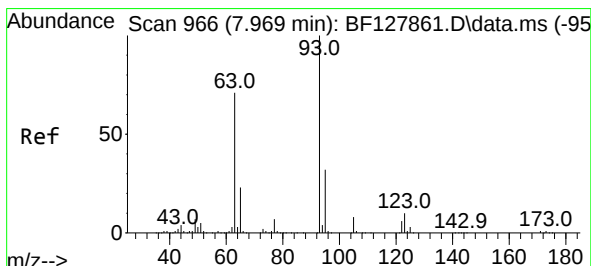
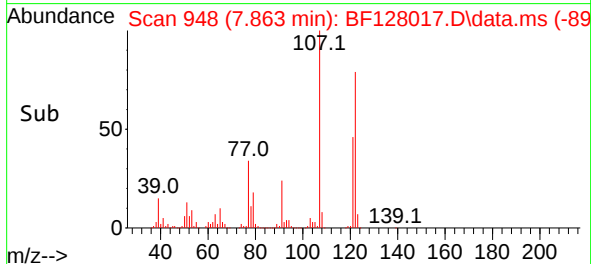
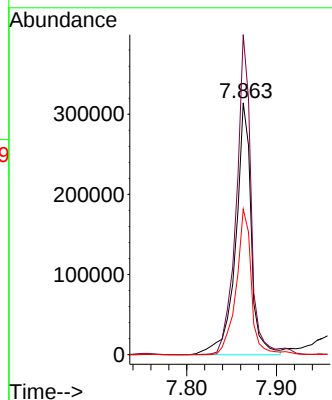
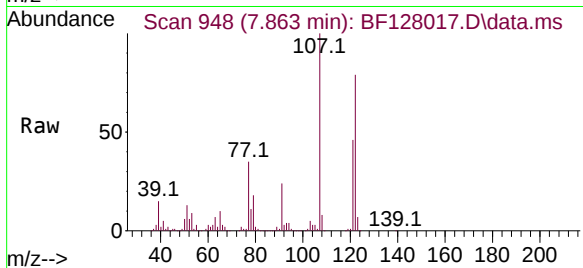
Tgt Ion:122 Resp: 376584

Ion Ratio Lower Upper

122 100

107 127.0 97.5 146.3

121 57.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.216 ng

RT: 7.957 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

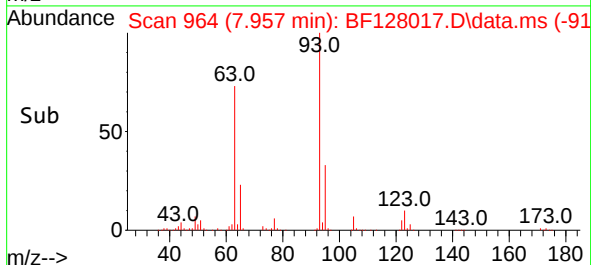
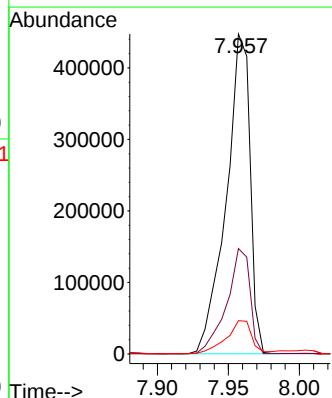
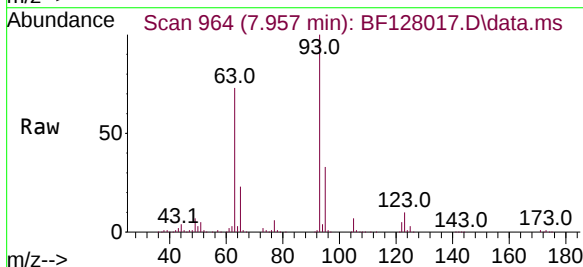
Tgt Ion: 93 Resp: 523742

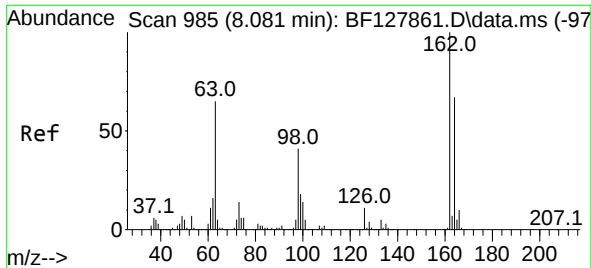
Ion Ratio Lower Upper

93 100

95 33.0 25.7 38.5

123 10.4 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 39.041 ng

RT: 8.075 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

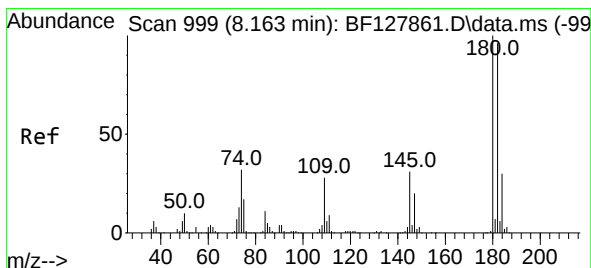
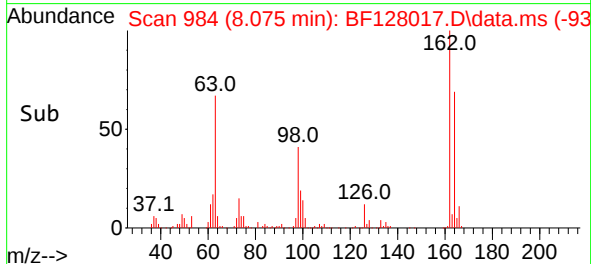
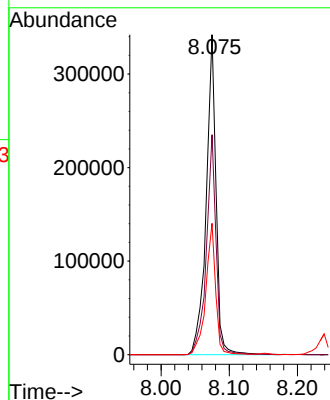
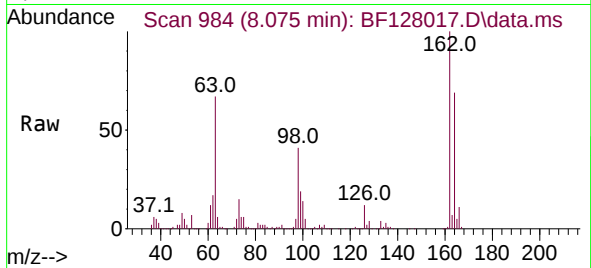
Tgt Ion:162 Resp: 345394

Ion Ratio Lower Upper

162 100

164 68.8 47.1 87.1

98 41.0 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 38.247 ng

RT: 8.157 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

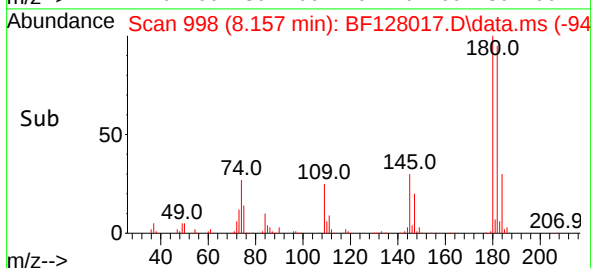
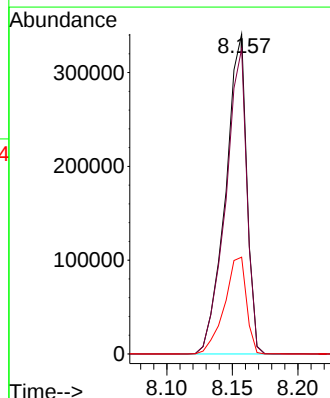
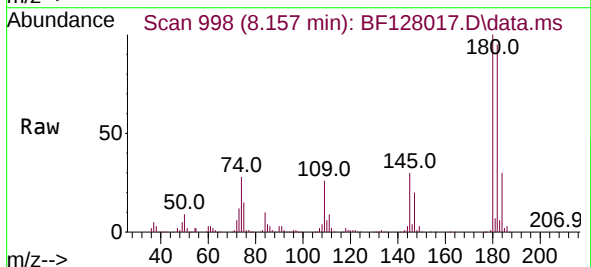
Tgt Ion:180 Resp: 384355

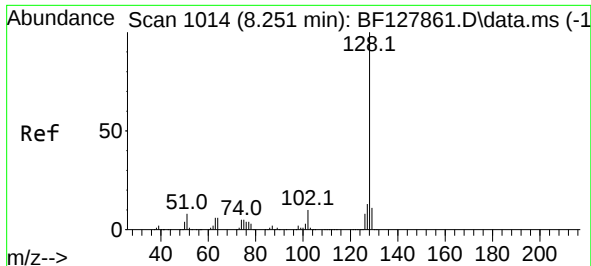
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

145 30.2 25.1 37.7

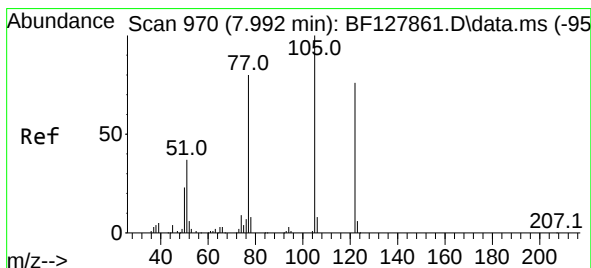
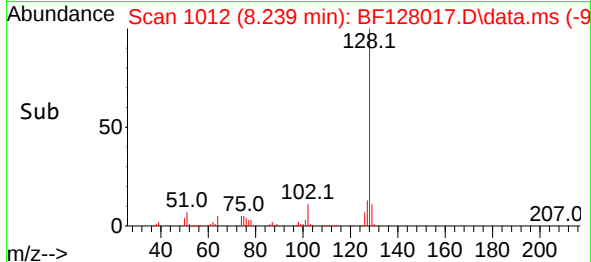
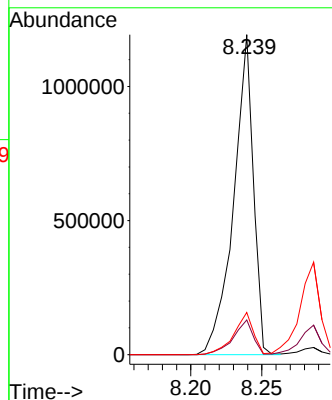
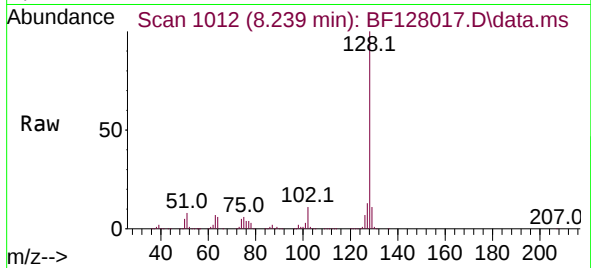




#31
Naphthalene
Concen: 38.890 ng
RT: 8.239 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

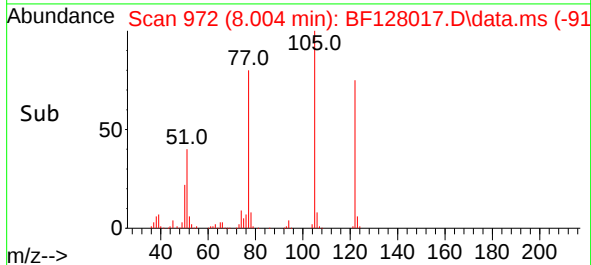
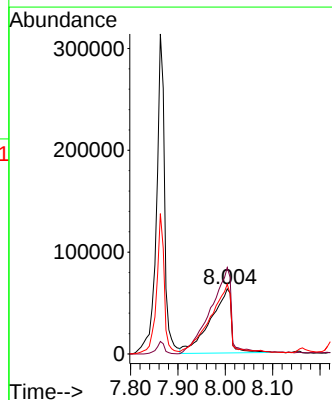
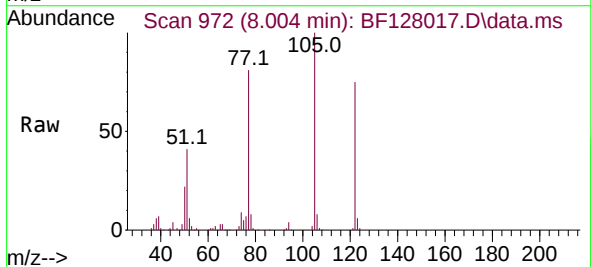
Instrument :
BNA_F
ClientSampleId :
PB144493BS

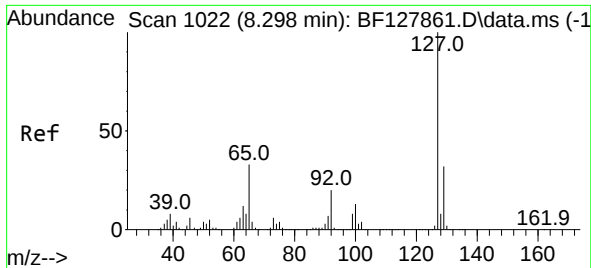
Tgt Ion:128 Resp: 1153252
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 32.577 ng
RT: 8.004 min Scan# 972
Delta R.T. 0.018 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:122 Resp: 197181
Ion Ratio Lower Upper
122 100
105 132.6 107.9 147.9
77 107.1 82.5 122.5

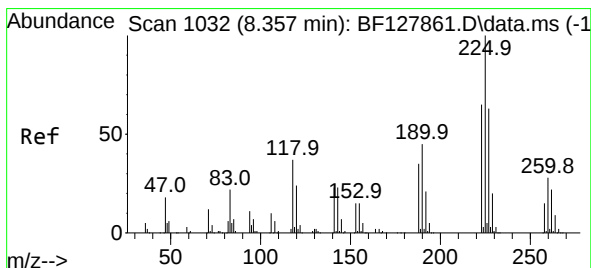
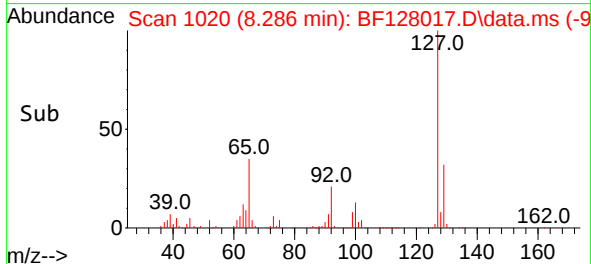
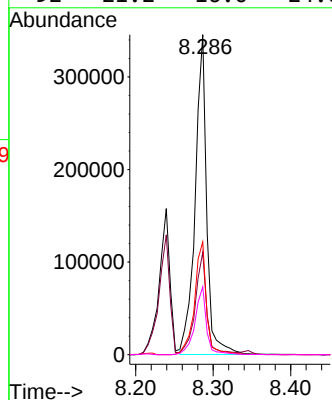
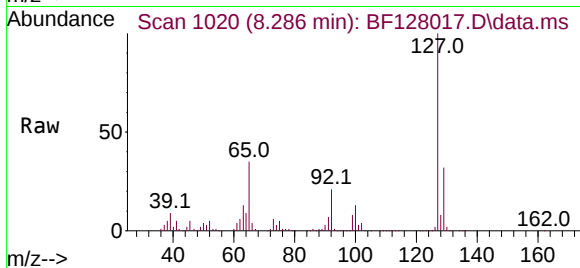




#33
4-Chloroaniline
Concen: 30.530 ng
RT: 8.286 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

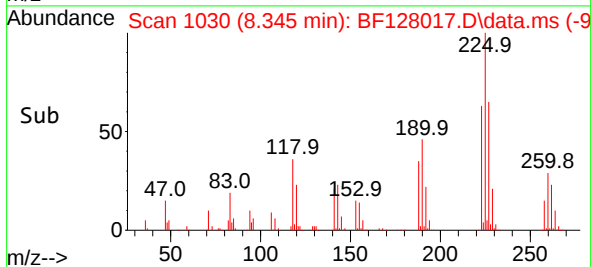
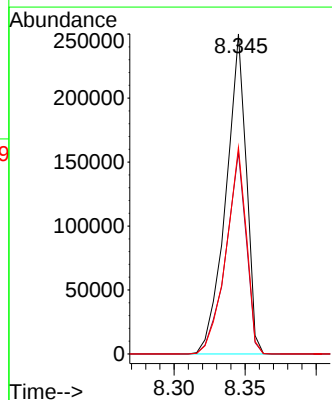
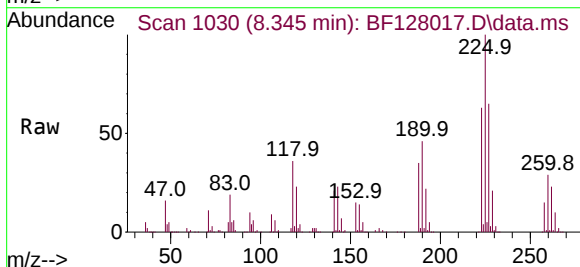
Instrument :
BNA_F
ClientSampleId :
PB144493BS

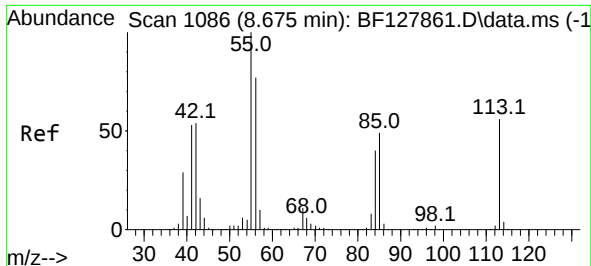
Tgt Ion:	127	Resp:	358209
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	35.3	26.7	40.1
92	21.2	16.0	24.0



#34
Hexachlorobutadiene
Concen: 39.493 ng
RT: 8.345 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:	225	Resp:	249987
Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.0	78.0
227	64.6	50.7	76.1

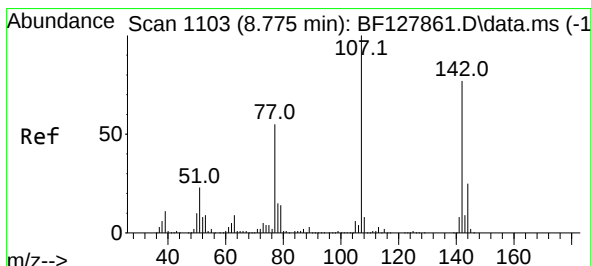
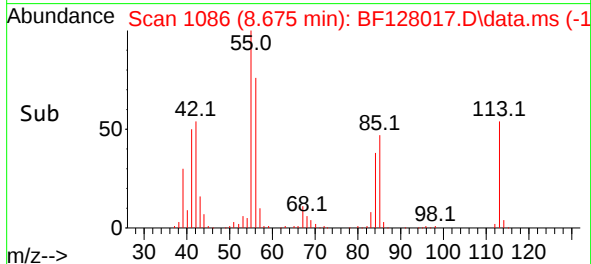
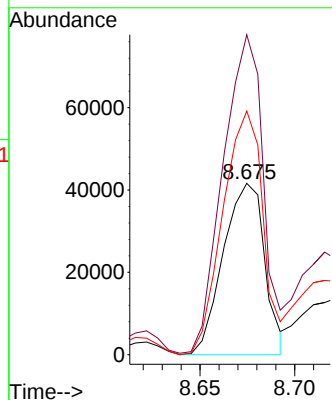
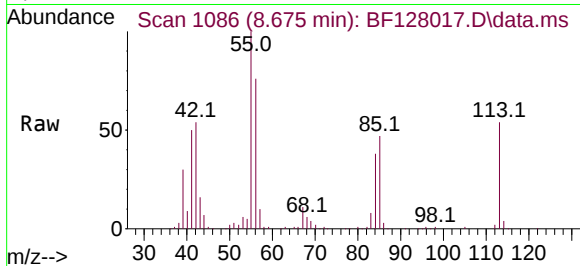




#35
 Caprolactam
 Concen: 22.140 ng
 RT: 8.675 min Scan# 1086
 Delta R.T. 0.006 min
 Lab File: BF128017.D
 Acq: 02 May 2022 10:53

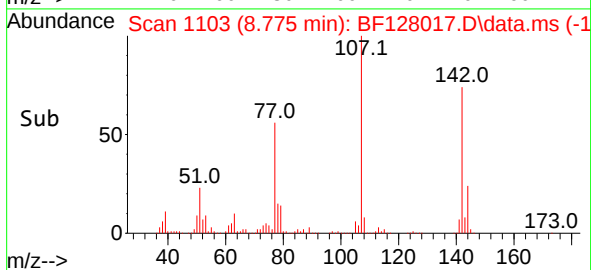
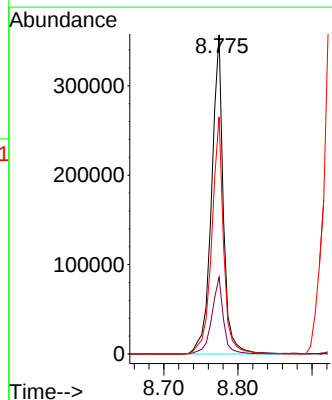
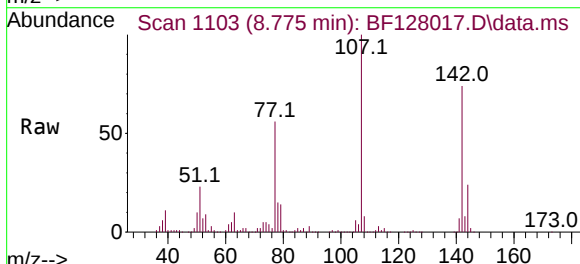
Instrument :
 BNA_F
 ClientSampleId :
 PB144493BS

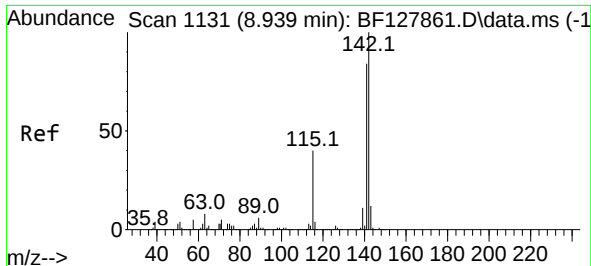
Tgt Ion:113 Resp: 63227
 Ion Ratio Lower Upper
 113 100
 55 186.8 157.4 197.4
 56 142.3 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.677 ng
 RT: 8.775 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: BF128017.D
 Acq: 02 May 2022 10:53

Tgt Ion:107 Resp: 393778
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.2 30.4
 142 74.3 61.5 92.3

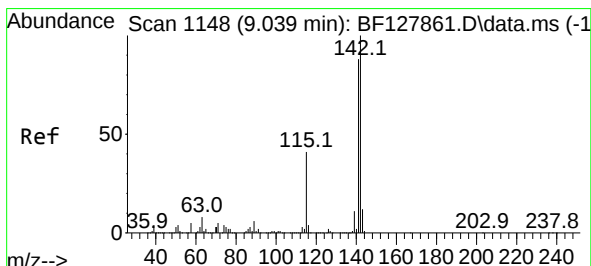
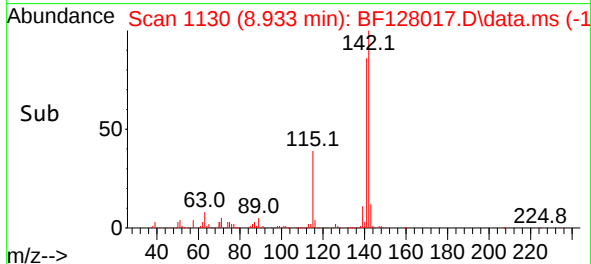
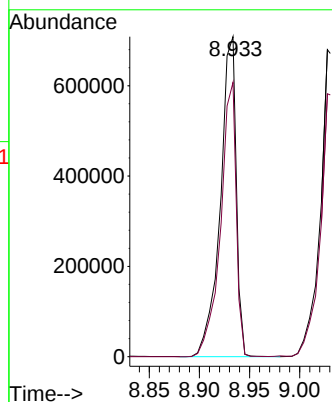
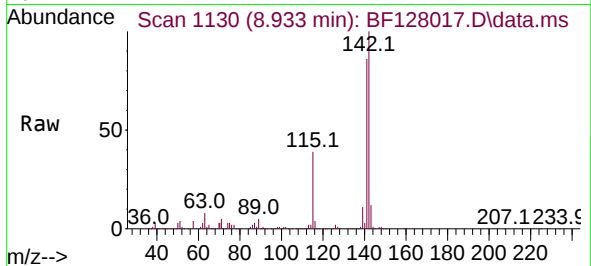




#37
2-Methylnaphthalene
Concen: 39.937 ng
RT: 8.933 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

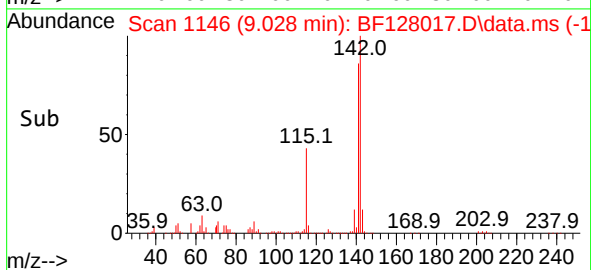
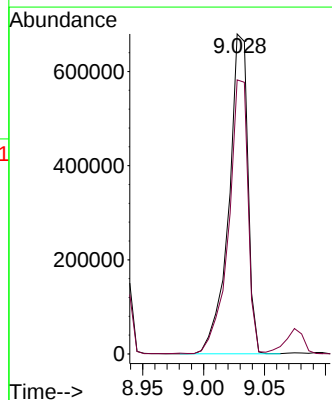
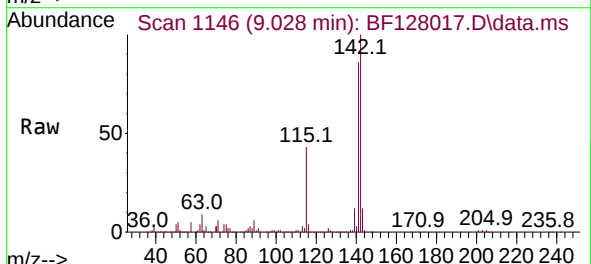
Instrument :
BNA_F
ClientSampleId :
PB144493BS

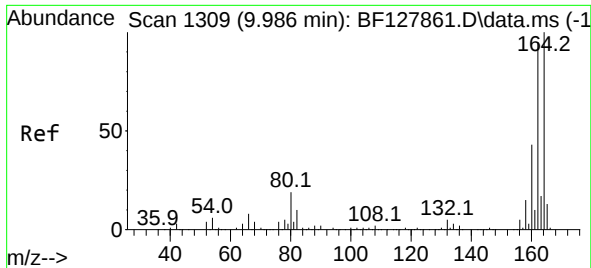
Tgt Ion:142 Resp: 782697
Ion Ratio Lower Upper
142 100
141 85.7 67.4 101.2



#38
1-Methylnaphthalene
Concen: 39.013 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:142 Resp: 743176
Ion Ratio Lower Upper
142 100
141 85.6 70.1 105.1

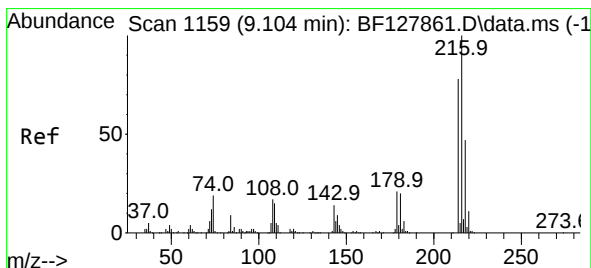
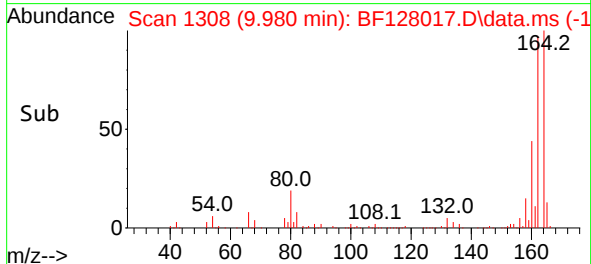
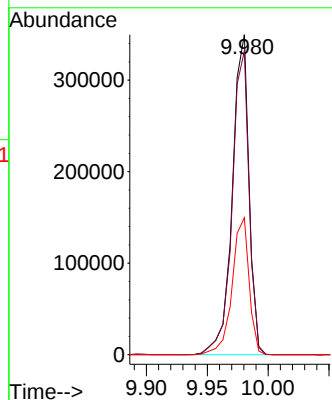
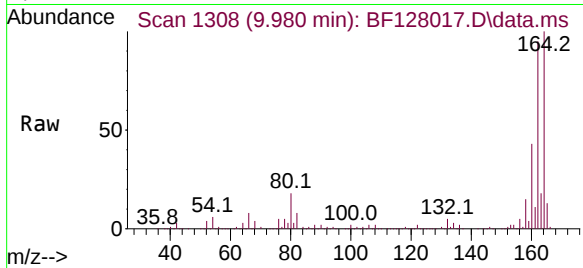




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

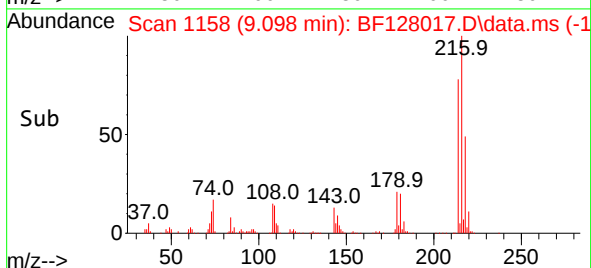
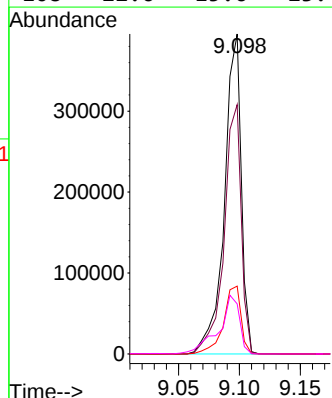
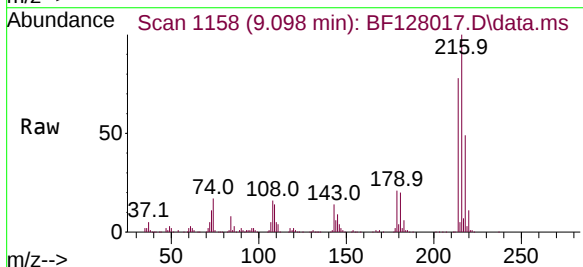
Instrument :
BNA_F
ClientSampleId :
PB144493BS

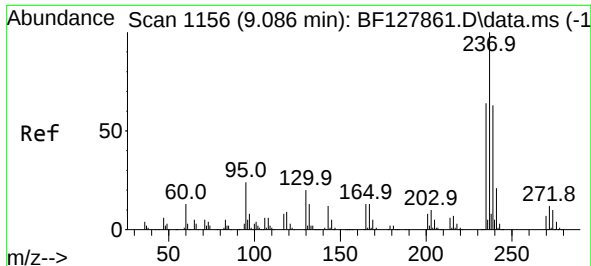
Tgt Ion:164 Resp: 333526
Ion Ratio Lower Upper
164 100
162 94.8 76.0 114.0
160 42.8 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.643 ng
RT: 9.098 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:216 Resp: 379890
Ion Ratio Lower Upper
216 100
214 79.4 62.6 94.0
179 22.1 16.9 25.3
108 22.6 15.6 23.4

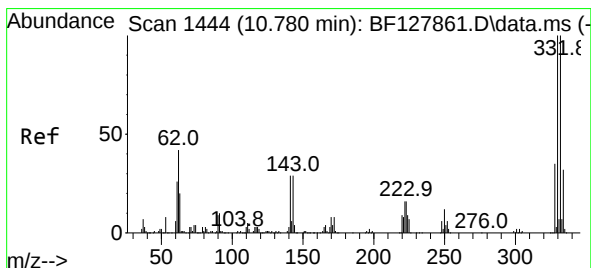
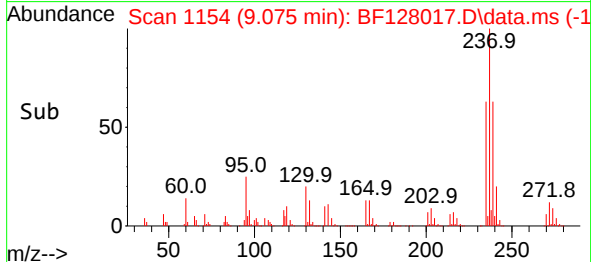
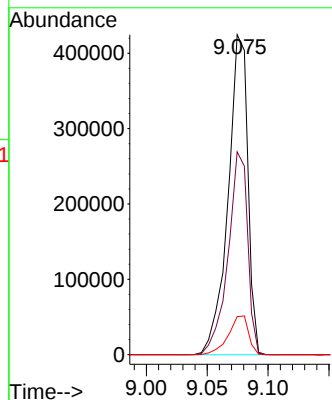
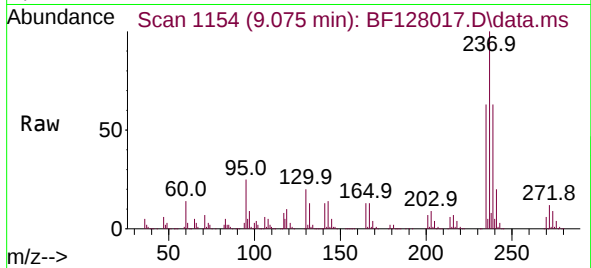




#41
Hexachlorocyclopentadiene
Concen: 89.986 ng
RT: 9.075 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

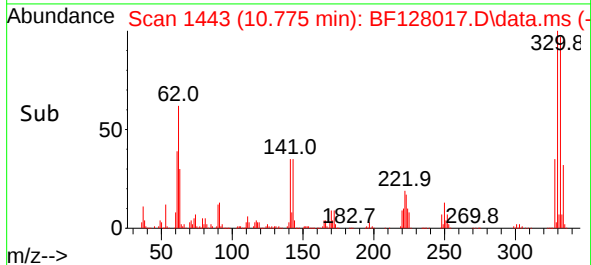
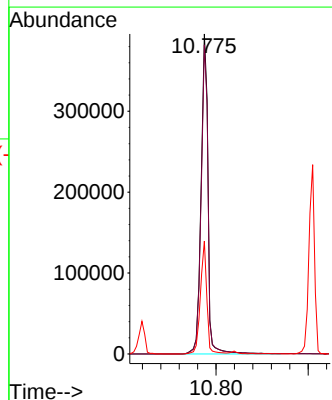
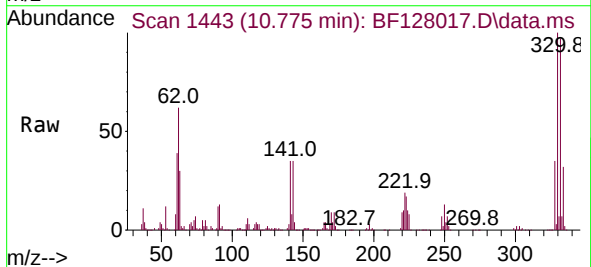
Instrument :
BNA_F
ClientSampleId :
PB144493BS

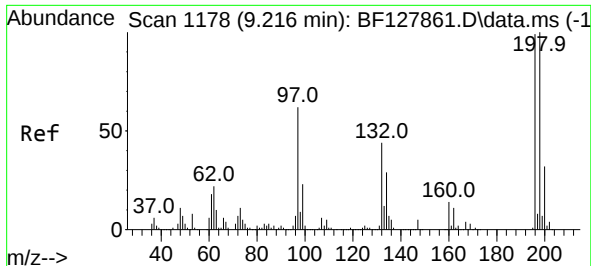
Tgt Ion:237 Resp: 479285
Ion Ratio Lower Upper
237 100
235 63.4 43.6 83.6
272 11.9 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 122.139 ng
RT: 10.775 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:330 Resp: 410082
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 32.8 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 38.347 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

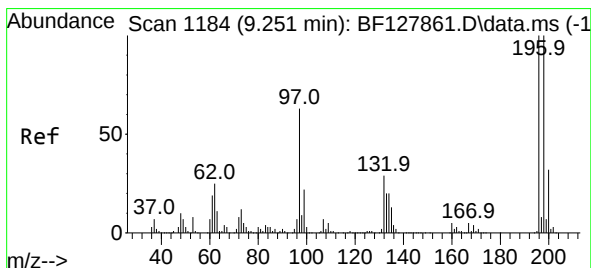
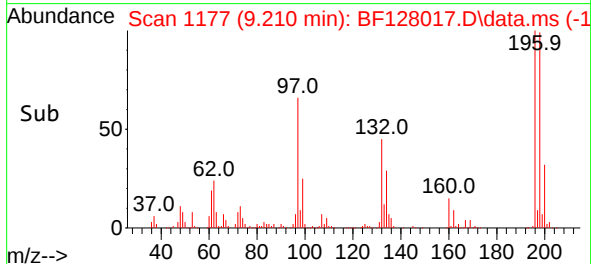
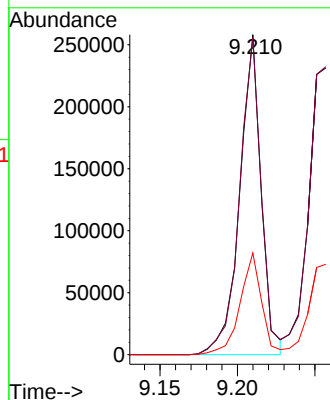
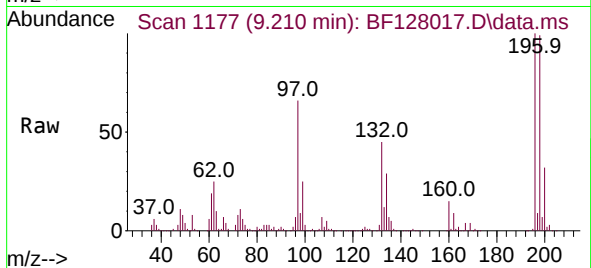
Tgt Ion:196 Resp: 248049

Ion Ratio Lower Upper

196 100

198 99.2 80.4 120.6

200 31.8 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 38.240 ng

RT: 9.257 min Scan# 1185

Delta R.T. 0.012 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Tgt Ion:196 Resp: 268899

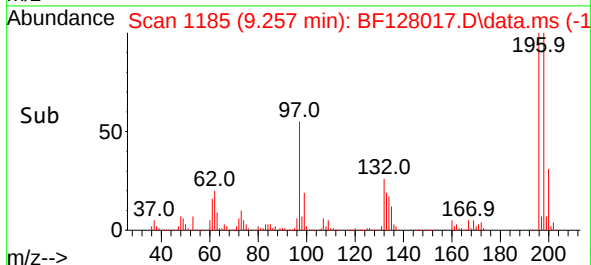
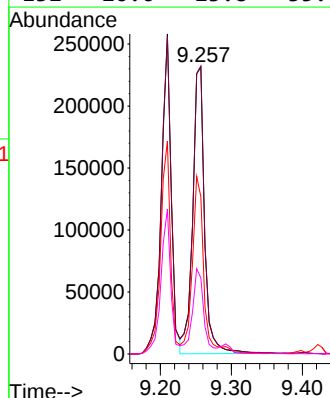
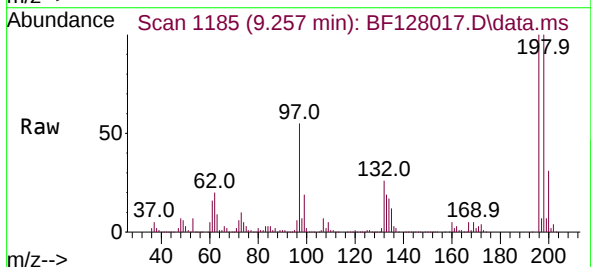
Ion Ratio Lower Upper

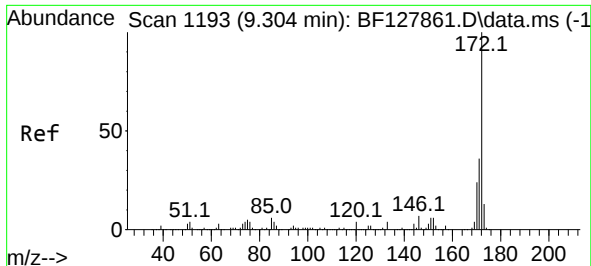
196 100

198 100.4 80.2 120.2

97 54.9 50.3 75.5

132 26.6 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 80.879 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

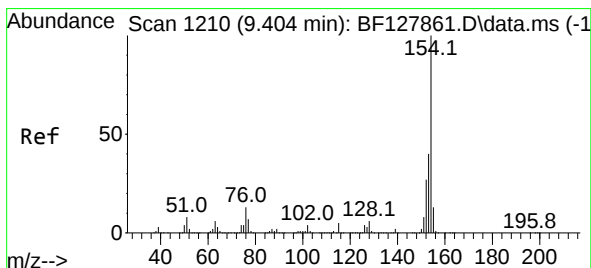
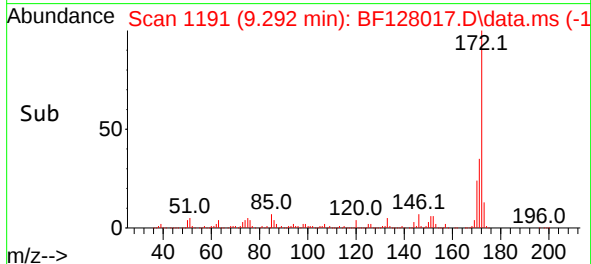
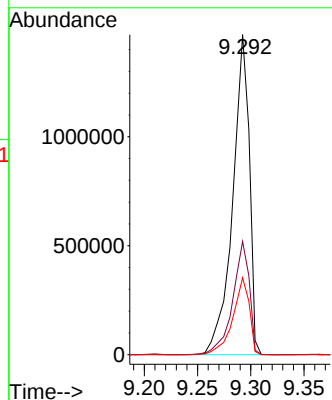
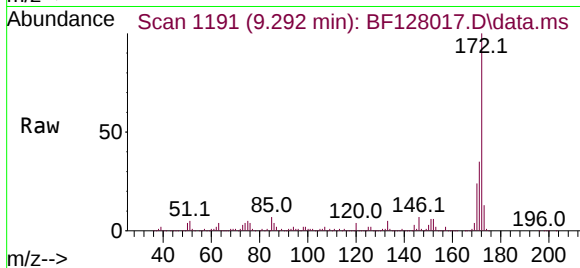
Tgt Ion:172 Resp: 1594519

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 38.864 ng

RT: 9.398 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

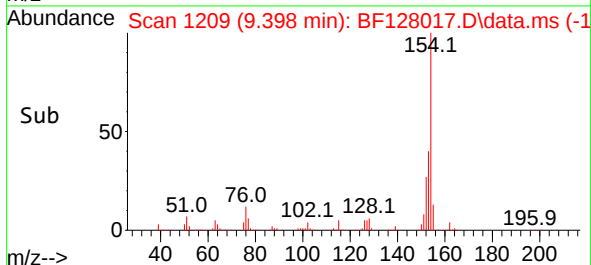
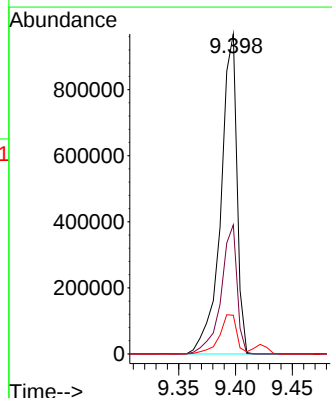
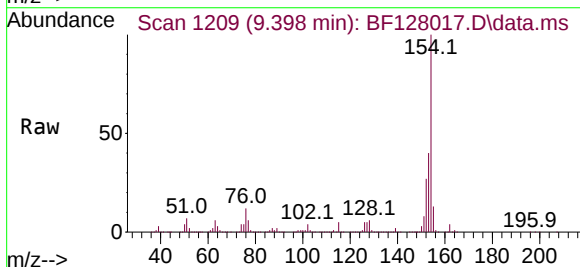
Tgt Ion:154 Resp: 960175

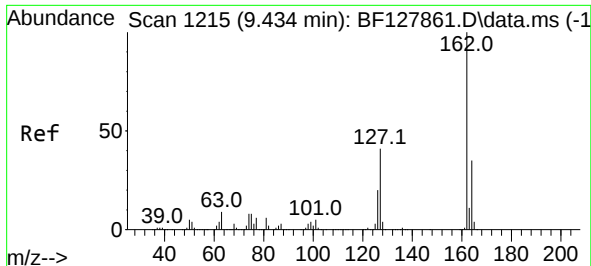
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 12.1 0.0 33.2





#47

2-Chloronaphthalene

Concen: 37.531 ng

RT: 9.422 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

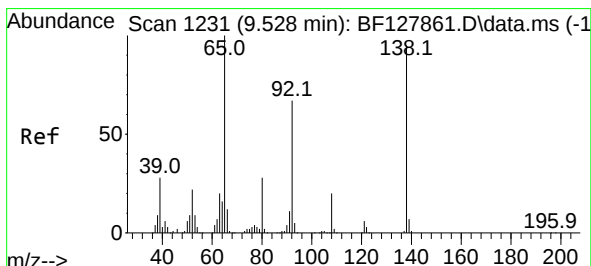
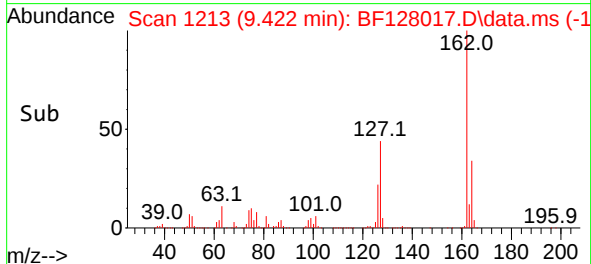
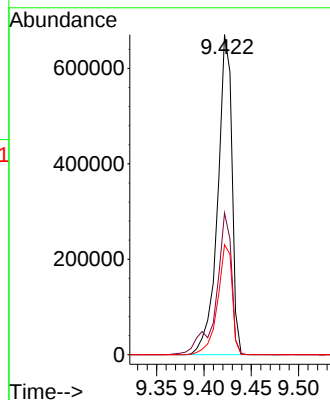
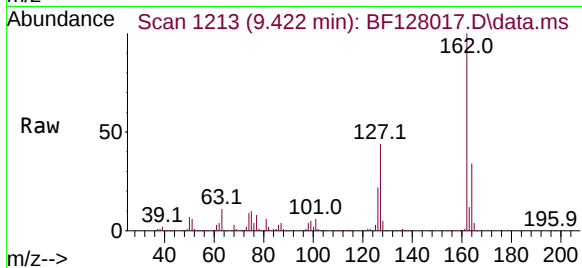
Tgt Ion:162 Resp: 705880

Ion Ratio Lower Upper

162 100

127 44.3 32.9 49.3

164 34.4 28.2 42.2



#48

2-Nitroaniline

Concen: 41.932 ng

RT: 9.522 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

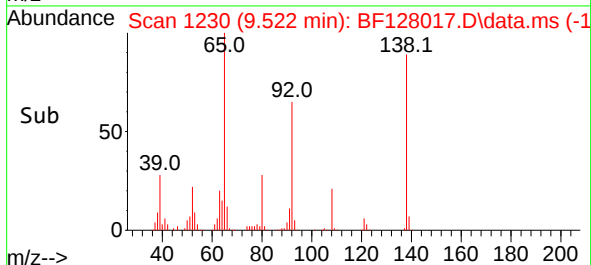
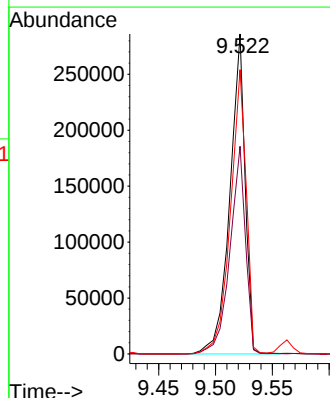
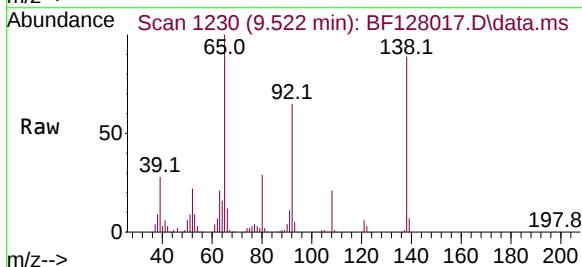
Tgt Ion: 65 Resp: 266768

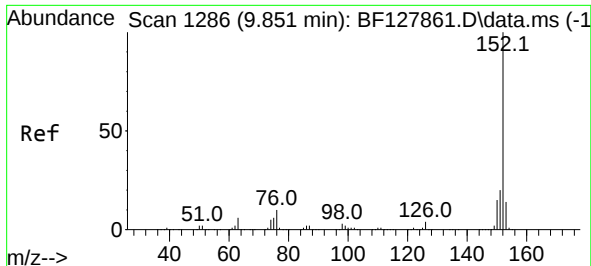
Ion Ratio Lower Upper

65 100

92 64.9 53.7 80.5

138 88.8 76.4 114.6





#49

Acenaphthylene

Concen: 39.549 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

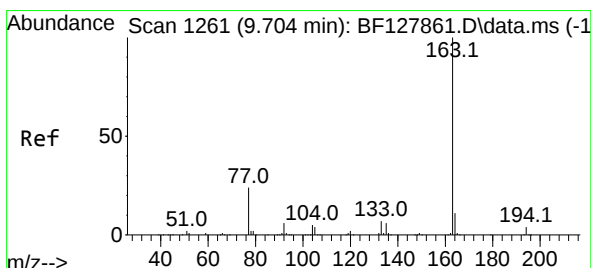
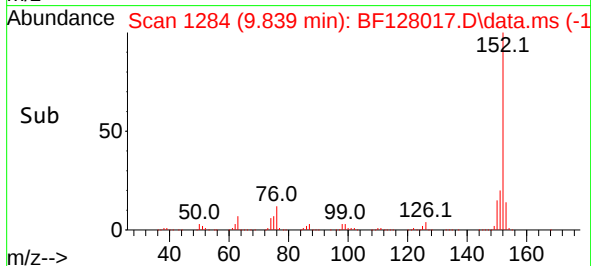
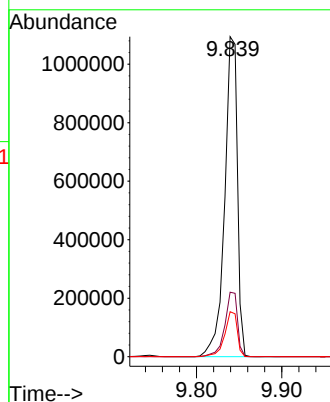
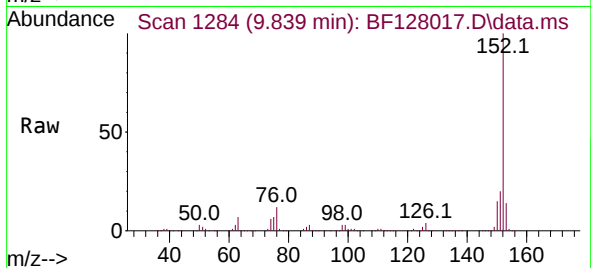
Tgt Ion:152 Resp: 1137807

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 14.1 11.2 16.8



#50

Dimethylphthalate

Concen: 38.911 ng

RT: 9.698 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

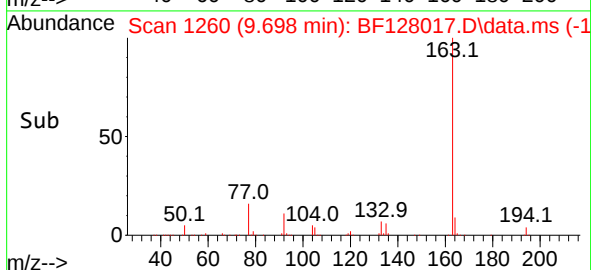
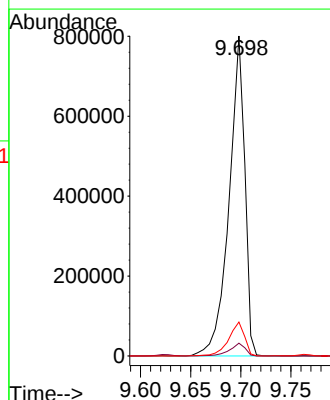
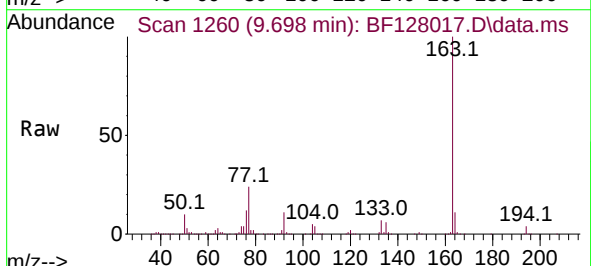
Tgt Ion:163 Resp: 870353

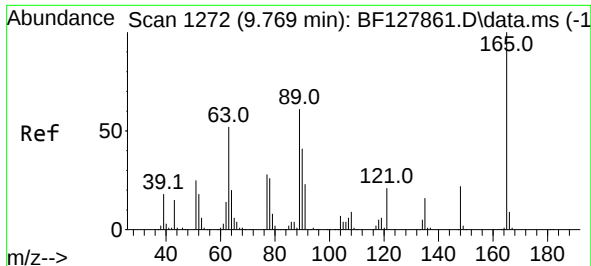
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.6 8.6 13.0

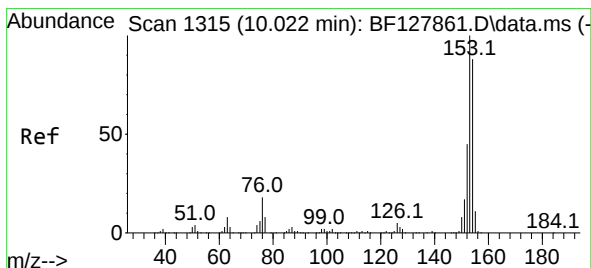
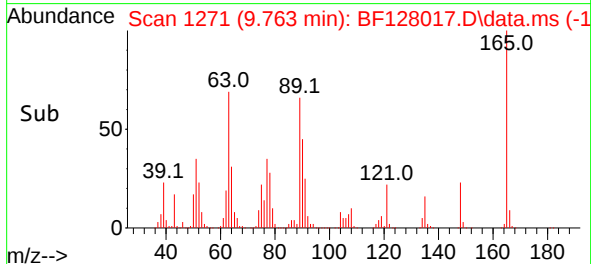
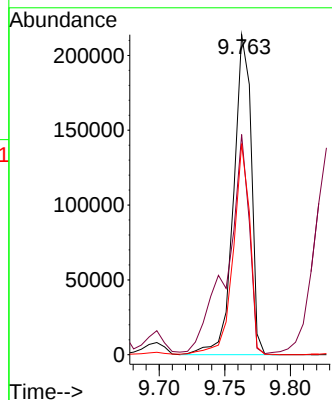
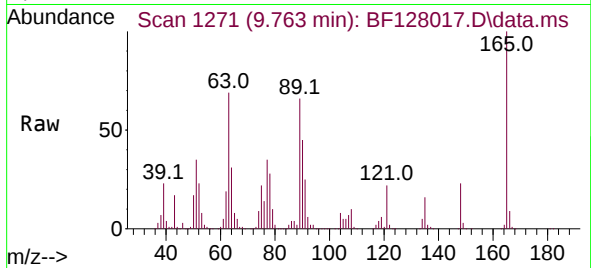




#51
2,6-Dinitrotoluene
Concen: 41.464 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

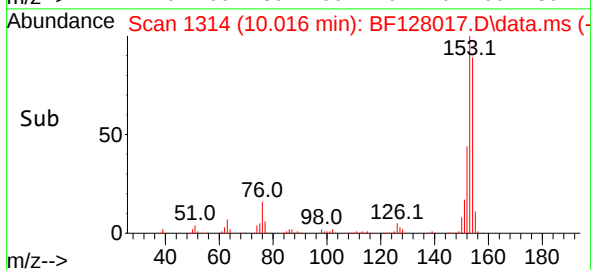
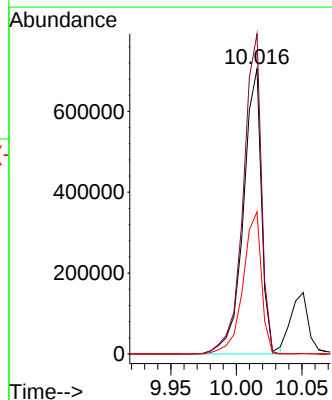
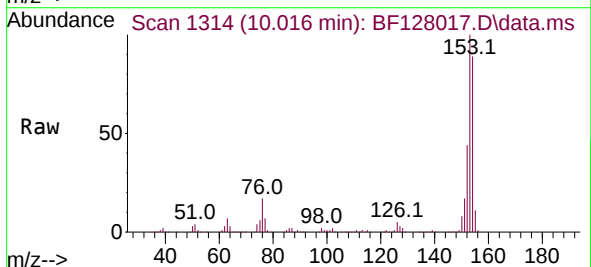
Instrument :
BNA_F
ClientSampleId :
PB144493BS

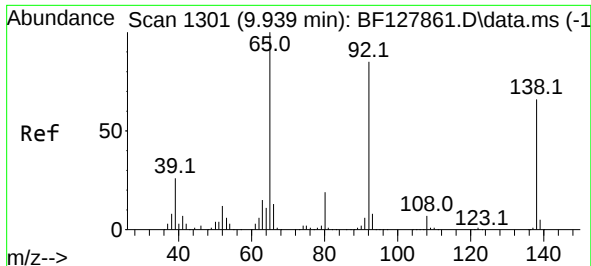
Tgt Ion:165 Resp: 200810
Ion Ratio Lower Upper
165 100
63 68.8 49.5 74.3
89 65.9 49.0 73.4



#52
Acenaphthene
Concen: 35.355 ng
RT: 10.016 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:154 Resp: 683832
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 49.8 41.0 61.6

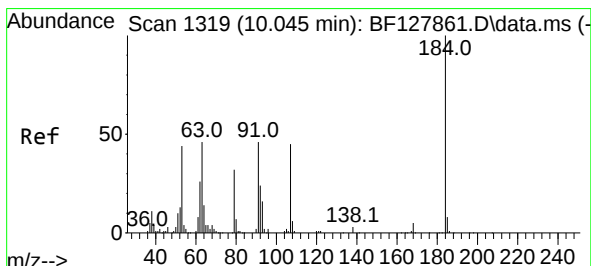
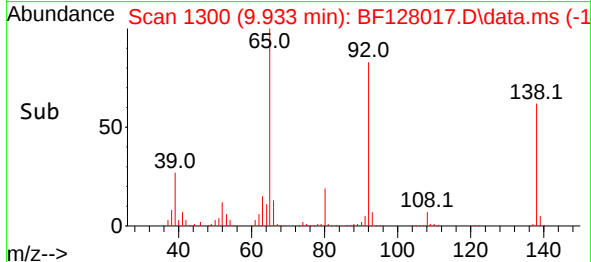
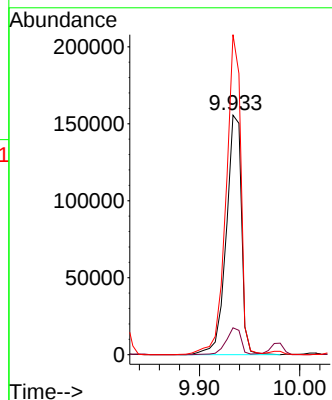
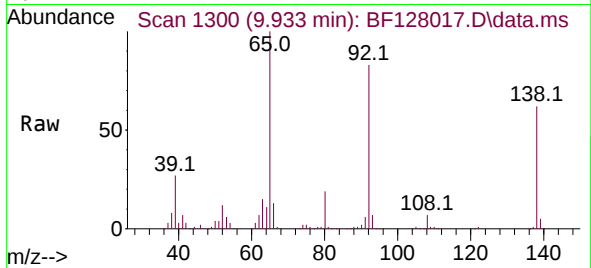




#53
3-Nitroaniline
Concen: 30.430 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

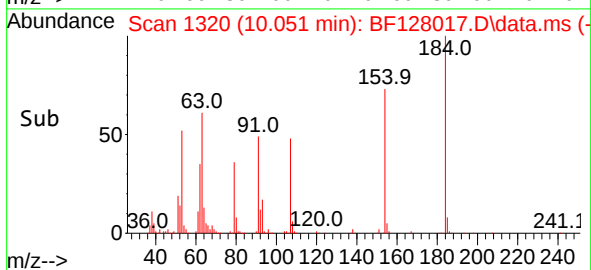
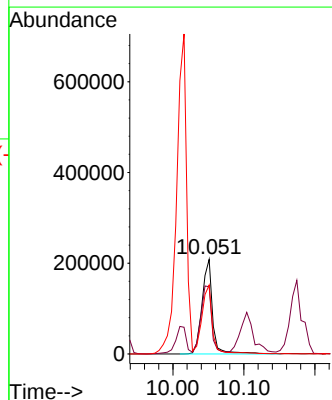
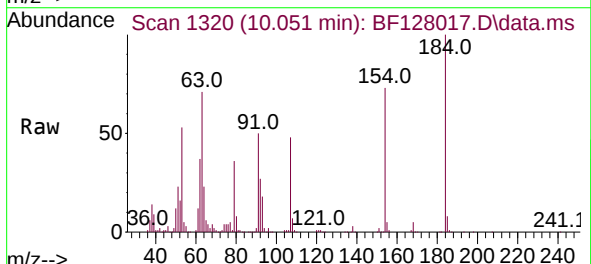
Instrument :
BNA_F
ClientSampleId :
PB144493BS

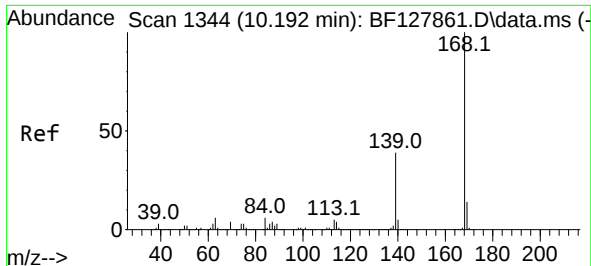
Tgt Ion:138 Resp: 163648
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.4
92 133.6 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 84.393 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.018 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:184 Resp: 215243
Ion Ratio Lower Upper
184 100
63 71.0 50.0 75.0
154 73.0 51.7 77.5

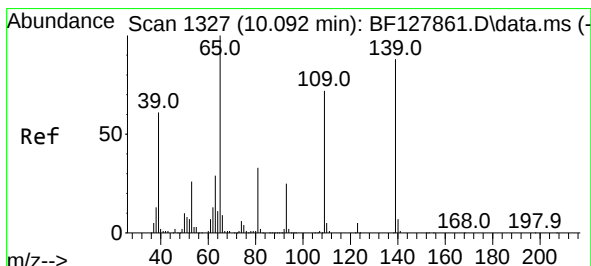
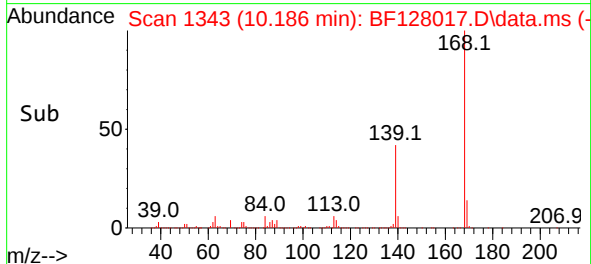
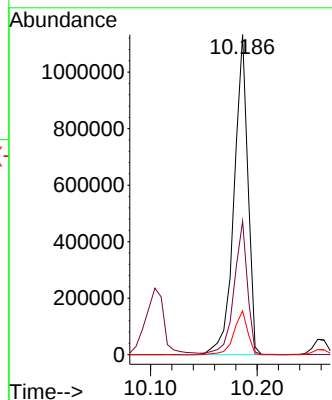
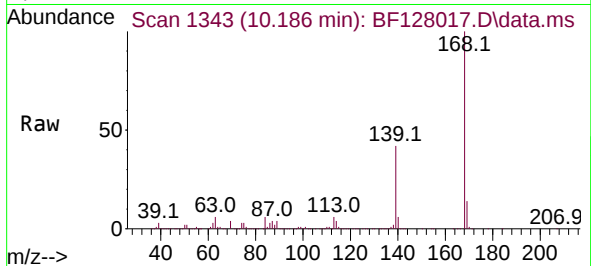




#55
Dibenzenofuran
Concen: 36.436 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

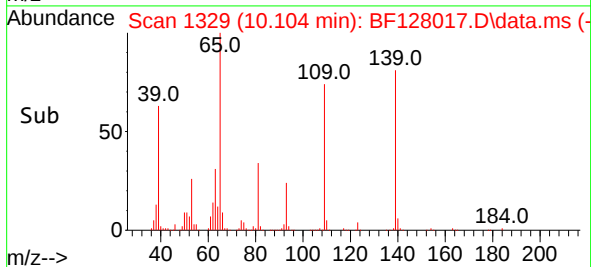
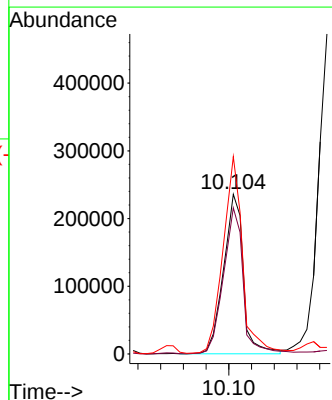
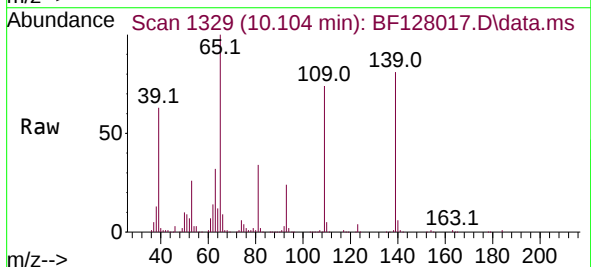
Instrument :
BNA_F
ClientSampleId :
PB144493BS

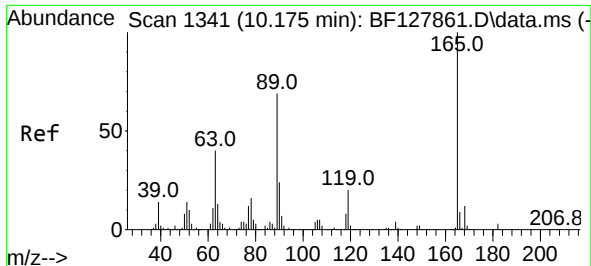
Tgt Ion:168 Resp: 1016766
Ion Ratio Lower Upper
168 100
139 41.7 31.7 47.5
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 69.250 ng
RT: 10.104 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:139 Resp: 284378
Ion Ratio Lower Upper
139 100
109 91.5 61.9 101.9
65 123.6 93.5 133.5

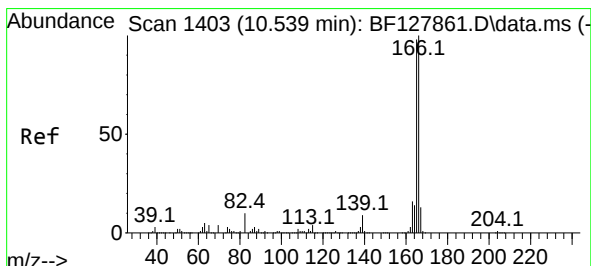
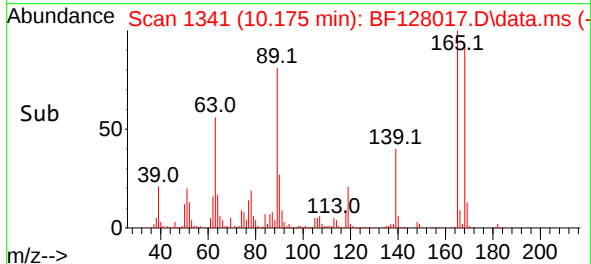
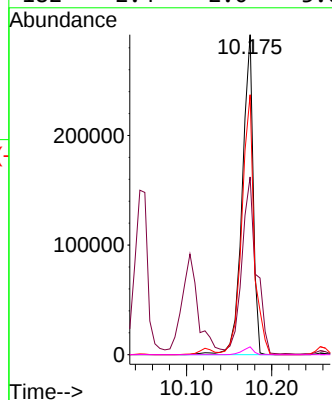
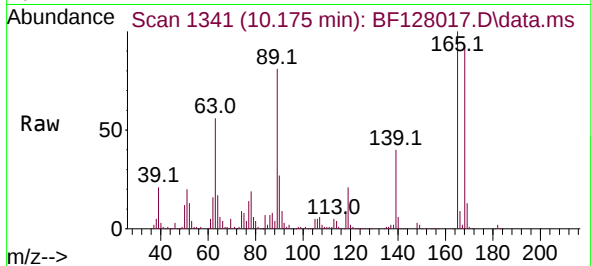




#57
2,4-Dinitrotoluene
Concen: 40.578 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

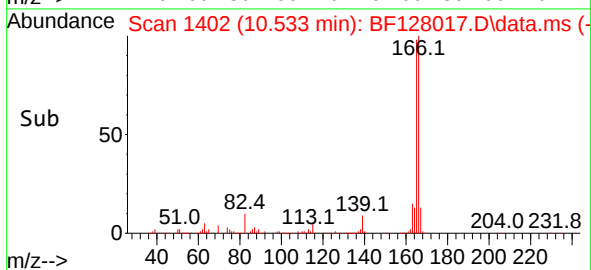
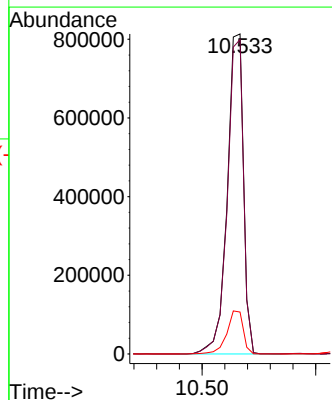
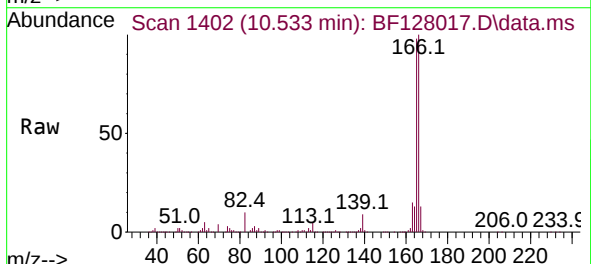
Instrument :
BNA_F
ClientSampleId :
PB144493BS

Tgt Ion:165 Resp: 260307
Ion Ratio Lower Upper
165 100
63 55.6 32.6 49.0#
89 81.2 55.2 82.8
182 2.4 2.0 3.0



#58
Fluorene
Concen: 38.753 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:166 Resp: 806958
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 13.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.632 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

Tgt Ion:232 Resp: 228439

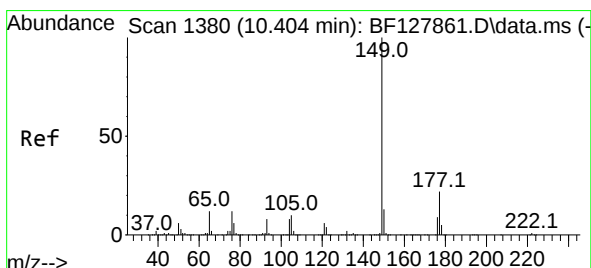
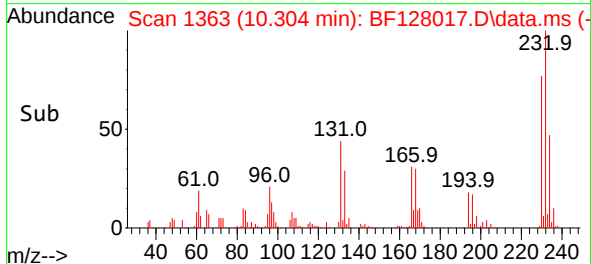
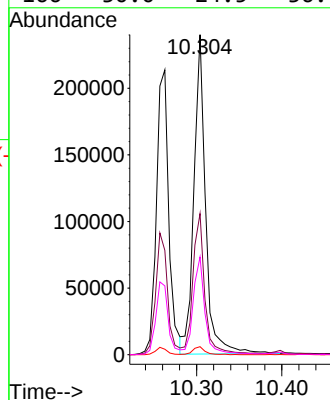
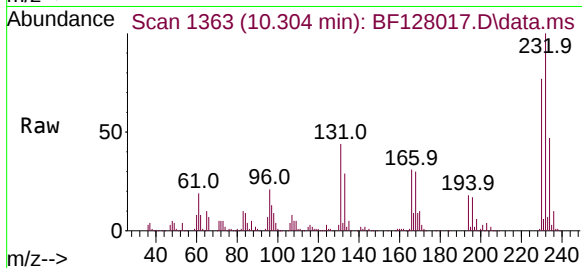
Ion Ratio Lower Upper

232 100

131 44.0 35.4 53.2

130 2.6 1.9 2.9

166 30.0 24.5 36.7



#60

Diethylphthalate

Concen: 38.799 ng

RT: 10.398 min Scan# 1379

Delta R.T. 0.006 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

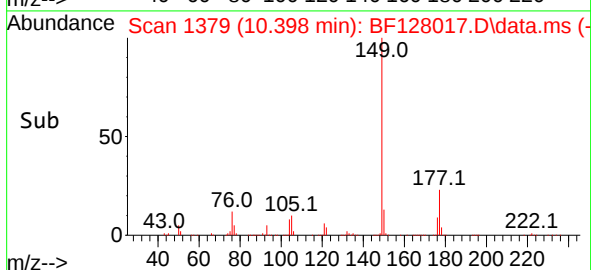
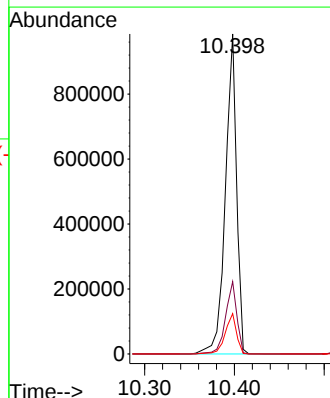
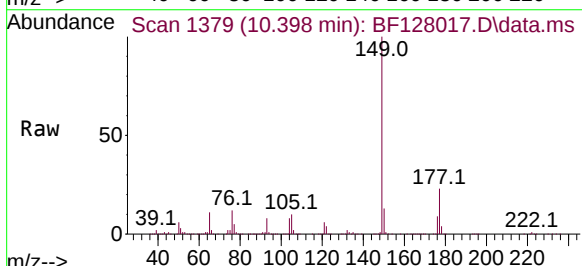
Tgt Ion:149 Resp: 851021

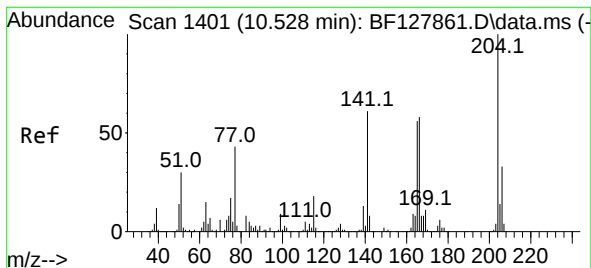
Ion Ratio Lower Upper

149 100

177 22.6 17.8 26.8

150 12.6 10.2 15.2

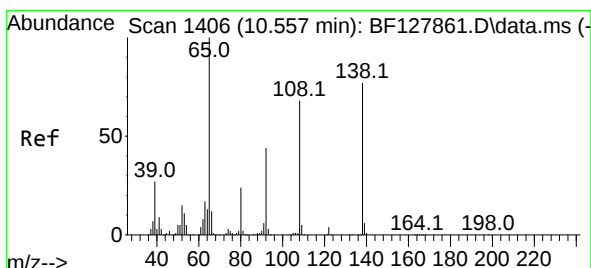
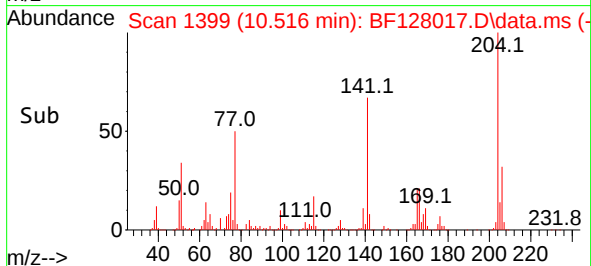
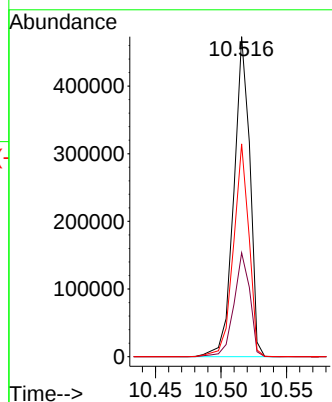
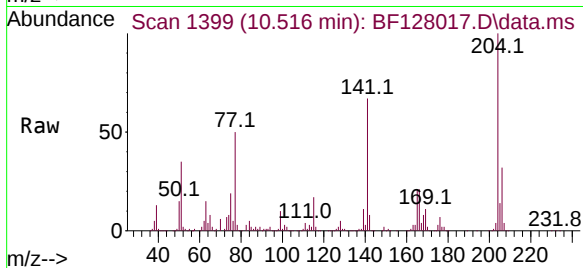




#61
4-Chlorophenyl-phenylether
Concen: 38.831 ng
RT: 10.516 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

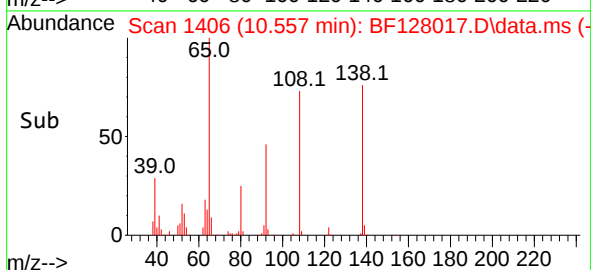
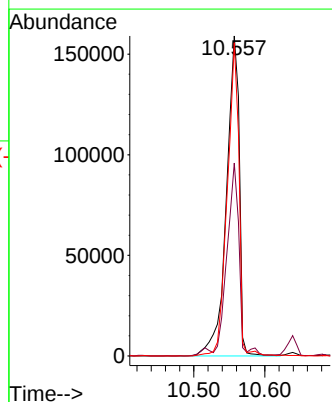
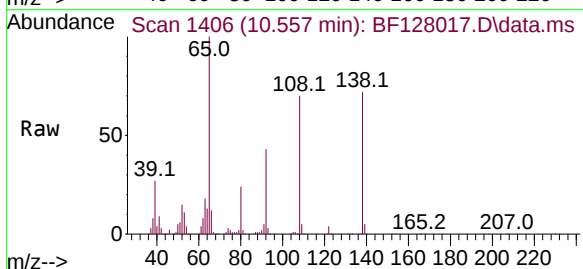
Instrument :
BNA_F
ClientSampleId :
PB144493BS

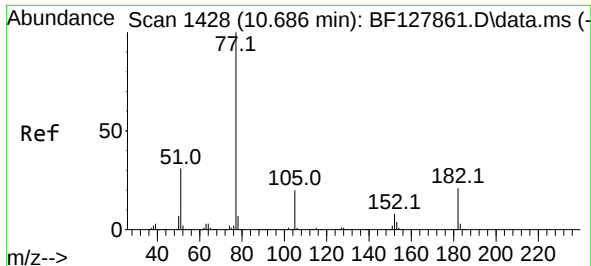
Tgt Ion:204 Resp: 401800
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 66.5 48.7 73.1



#62
4-Nitroaniline
Concen: 38.074 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:138 Resp: 200182
Ion Ratio Lower Upper
138 100
92 60.3 37.4 77.4
108 97.9 68.4 108.4

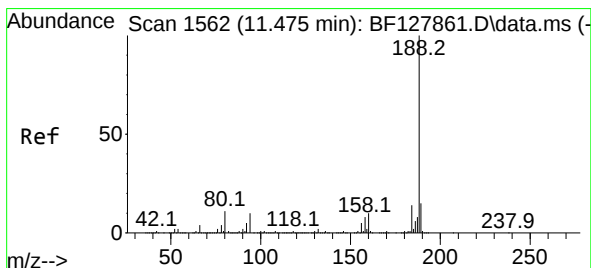
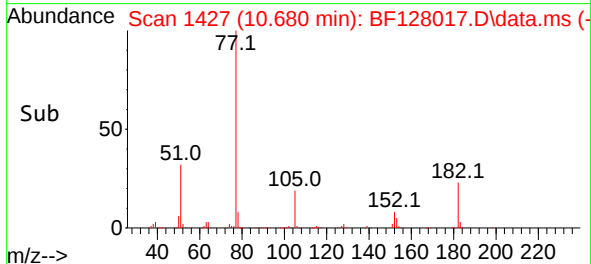
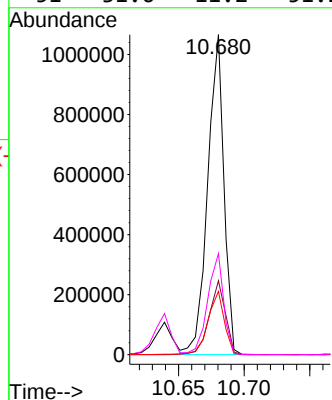
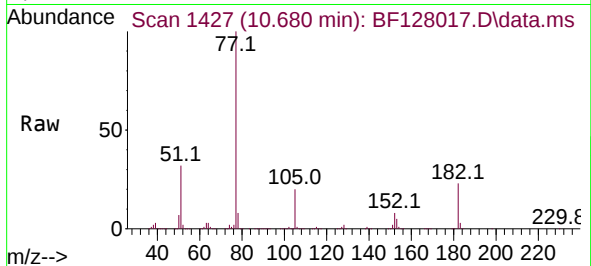




#63
Azobenzene
Concen: 37.998 ng
RT: 10.680 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

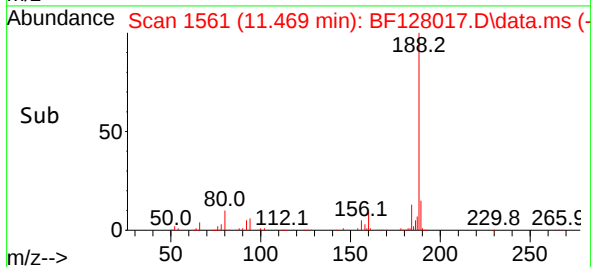
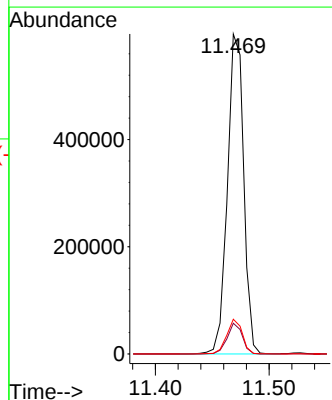
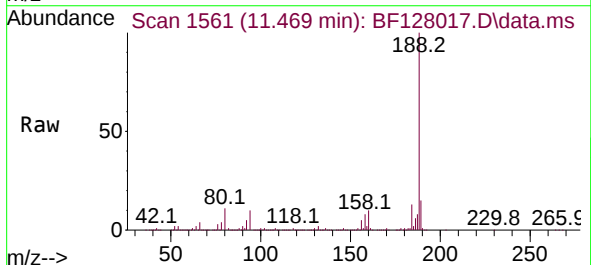
Instrument :
BNA_F
ClientSampleId :
PB144493BS

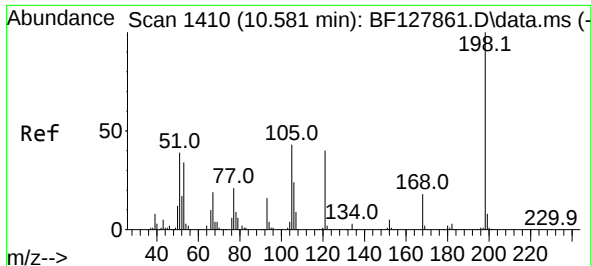
Tgt Ion: 77	Resp: 917092
Ion Ratio	Lower Upper
77 100	
182 23.1	1.2 41.2
105 19.8	0.0 39.8
51 31.6	11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:188	Resp: 595107		
Ion Ratio	Lower	Upper	
188 100			
94 9.6	8.0	12.0	
80 10.9	8.9	13.3	

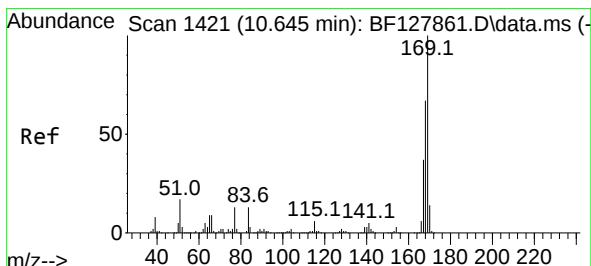
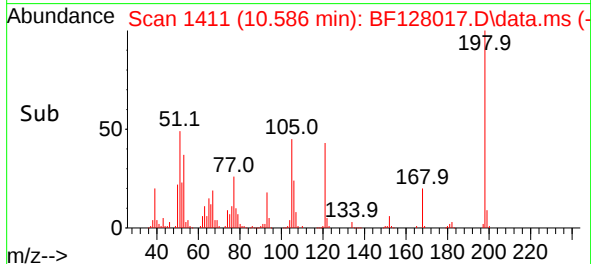
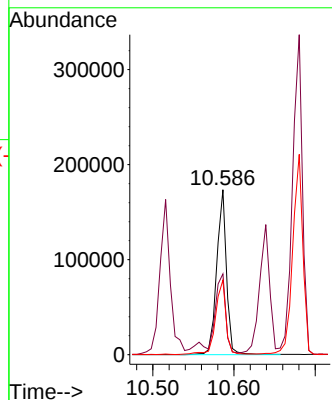
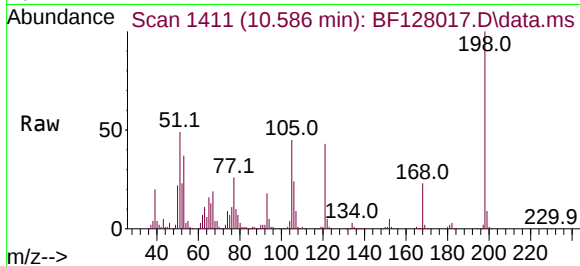




#65
4,6-Dinitro-2-methylphenol
Concen: 41.065 ng
RT: 10.586 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

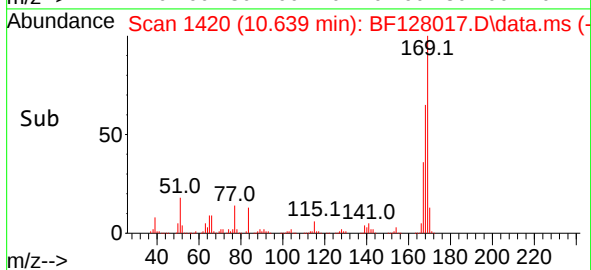
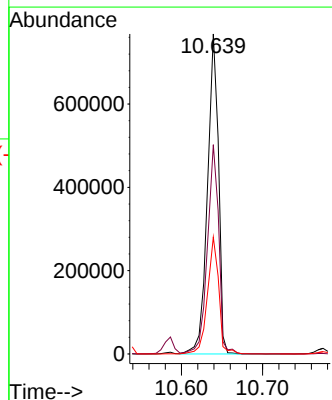
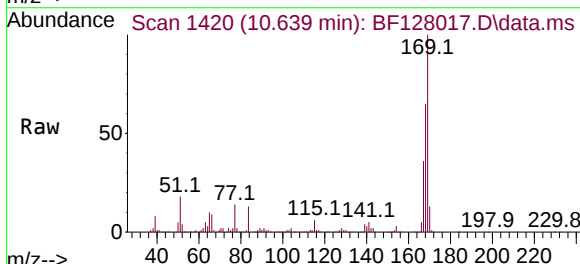
Instrument :
BNA_F
ClientSampleId :
PB144493BS

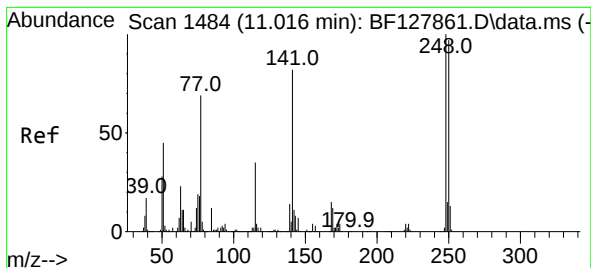
Tgt Ion:198 Resp: 145210
Ion Ratio Lower Upper
198 100
51 49.0 28.4 68.4
105 45.2 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 38.998 ng
RT: 10.639 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:169 Resp: 722134
Ion Ratio Lower Upper
169 100
168 65.4 53.8 80.6
167 36.5 29.5 44.3

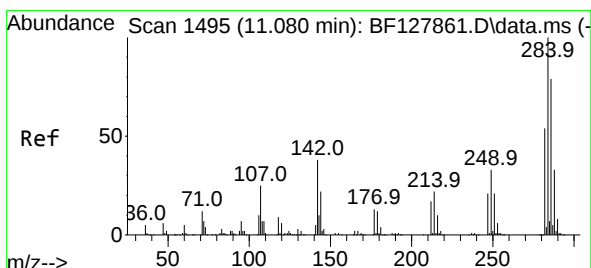
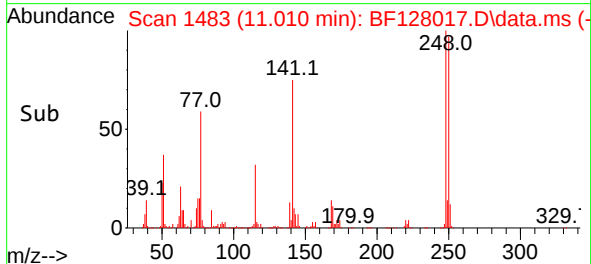
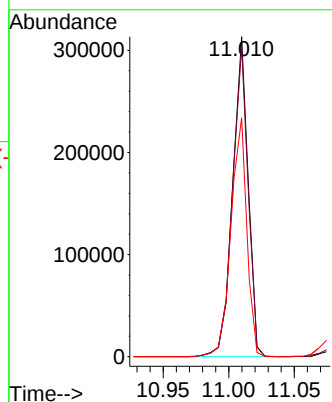
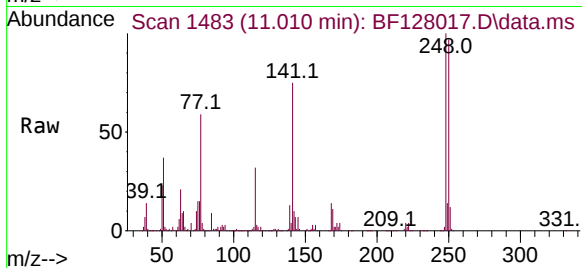




#67
4-Bromophenyl-phenylether
Concen: 39.294 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

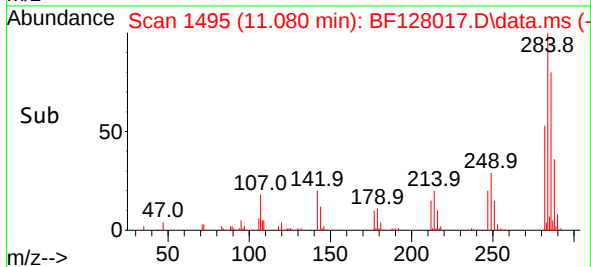
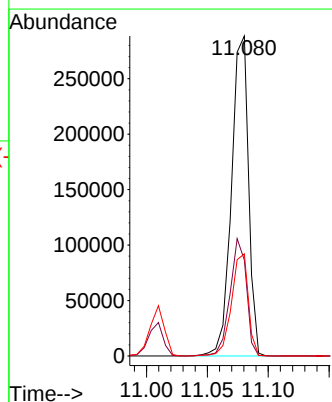
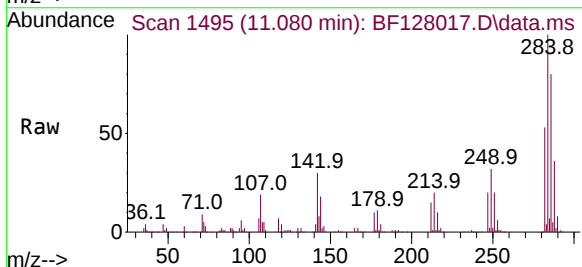
Instrument :
BNA_F
ClientSampleId :
PB144493BS

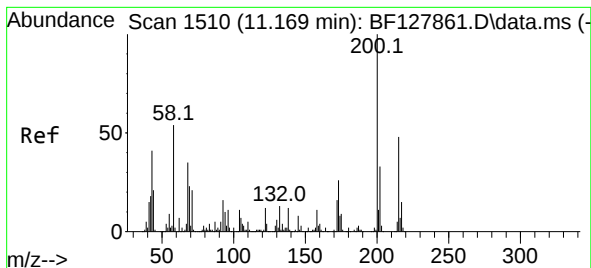
Tgt Ion:248 Resp: 259227
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 74.7 65.6 98.4



#68
Hexachlorobenzene
Concen: 40.531 ng
RT: 11.080 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:284 Resp: 281714
Ion Ratio Lower Upper
284 100
142 29.9 30.2 45.4#
249 31.9 26.1 39.1





#69

Atrazine

Concen: 44.519 ng

RT: 11.169 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

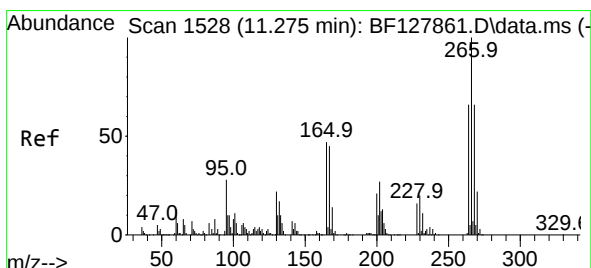
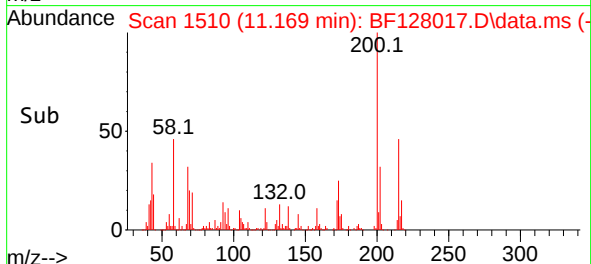
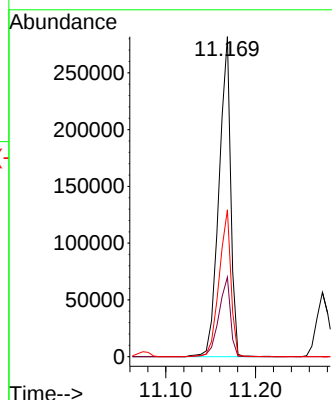
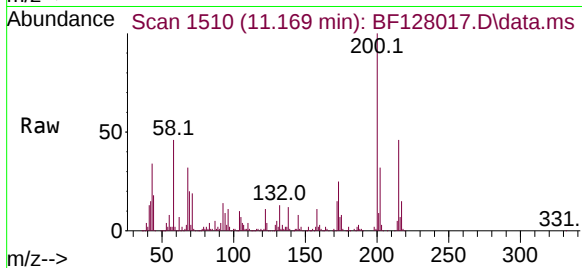
Tgt Ion:200 Resp: 254910

Ion Ratio Lower Upper

200 100

173 24.9 6.0 46.0

215 45.9 28.1 68.1



#70

Pentachlorophenol

Concen: 71.559 ng

RT: 11.274 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

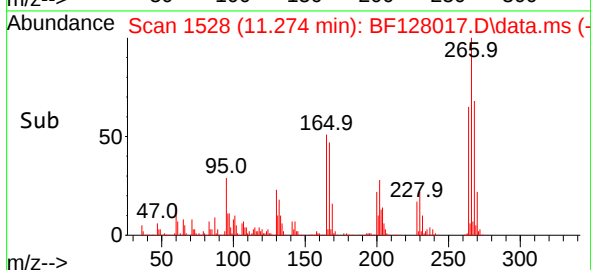
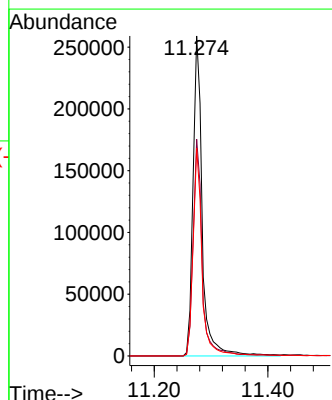
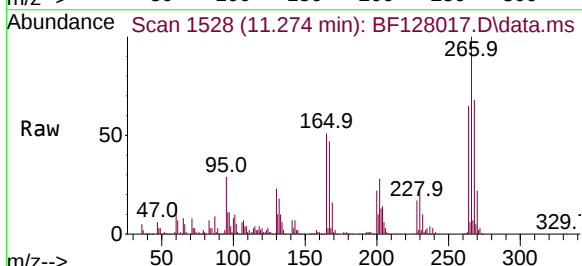
Tgt Ion:266 Resp: 292609

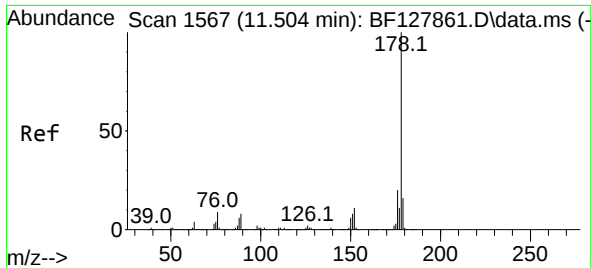
Ion Ratio Lower Upper

266 100

268 67.8 53.0 79.6

264 65.0 53.1 79.7

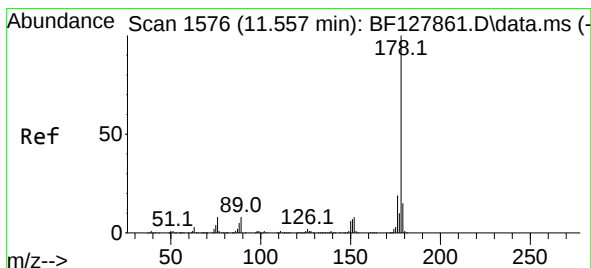
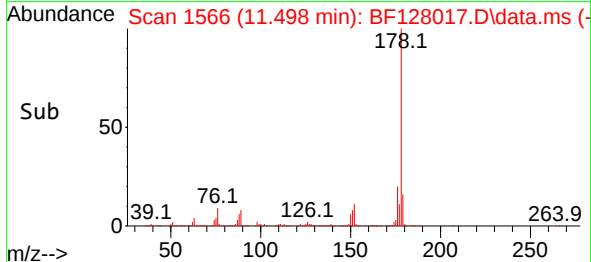
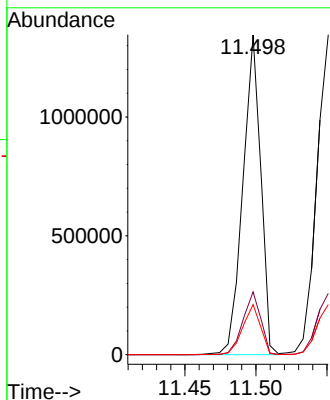
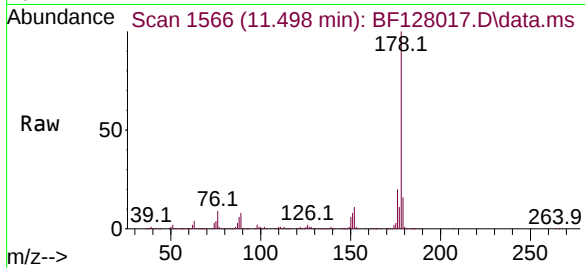




#71
Phenanthrene
Concen: 37.695 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

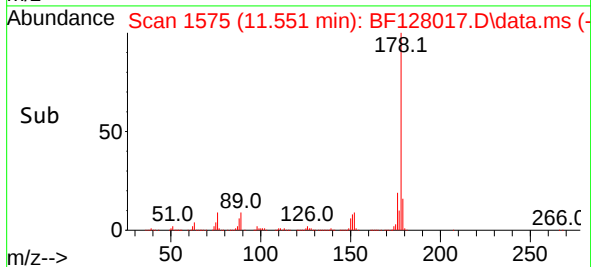
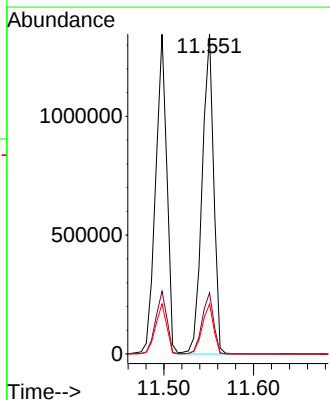
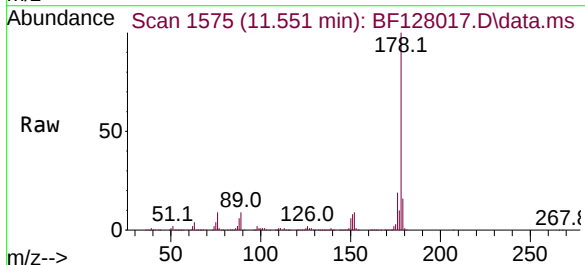
Instrument :
BNA_F
ClientSampleId :
PB144493BS

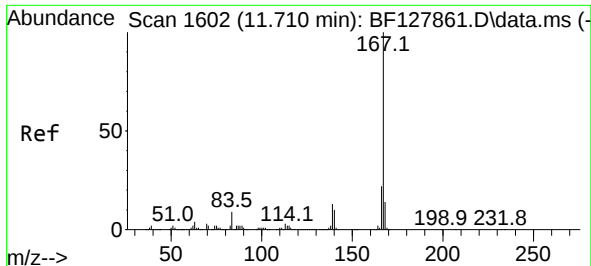
Tgt Ion:178 Resp: 1174246
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.6 12.6 19.0



#72
Anthracene
Concen: 38.639 ng
RT: 11.551 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:178 Resp: 1199014
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.6 12.4 18.6

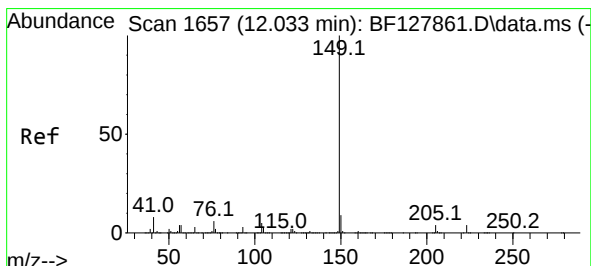
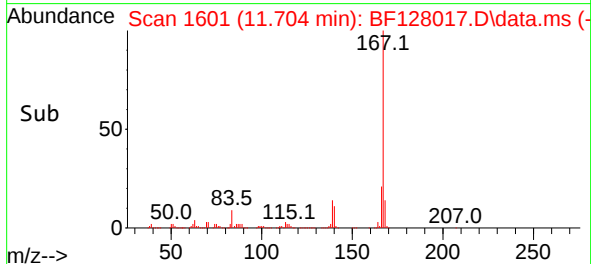
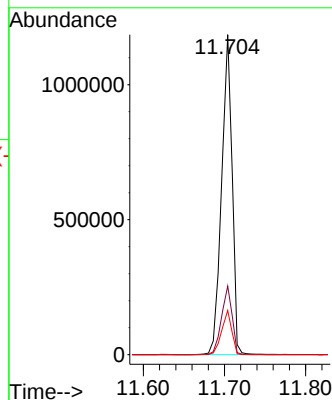
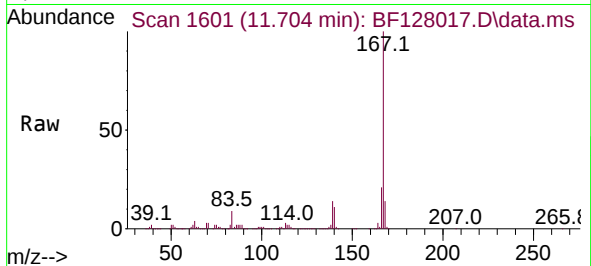




#73
Carbazole
Concen: 35.786 ng
RT: 11.704 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

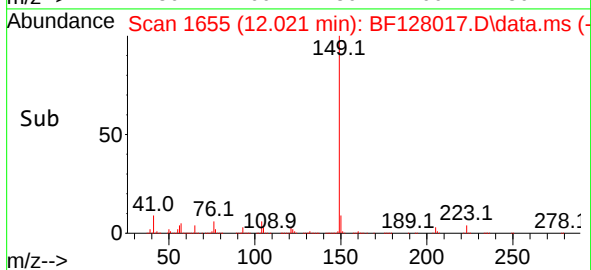
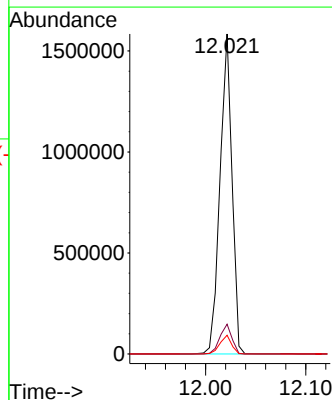
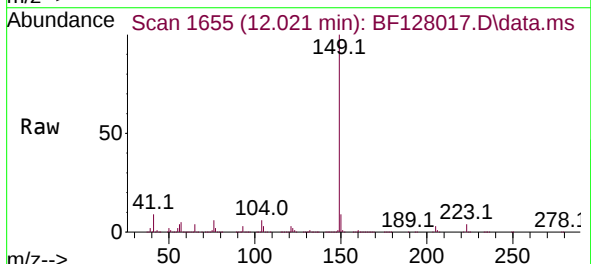
Instrument :
BNA_F
ClientSampleId :
PB144493BS

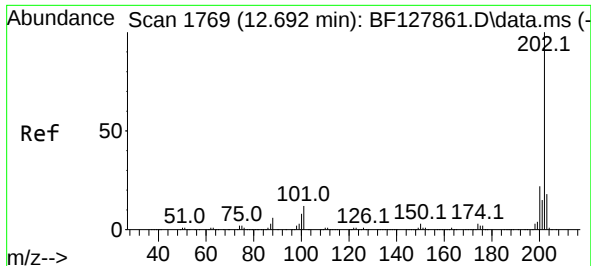
Tgt Ion:167 Resp: 1070251
Ion Ratio Lower Upper
167 100
166 21.5 17.6 26.4
139 13.8 10.7 16.1



#74
Di-n-butylphthalate
Concen: 39.084 ng
RT: 12.021 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:149 Resp: 1314397
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.8 4.3 6.5

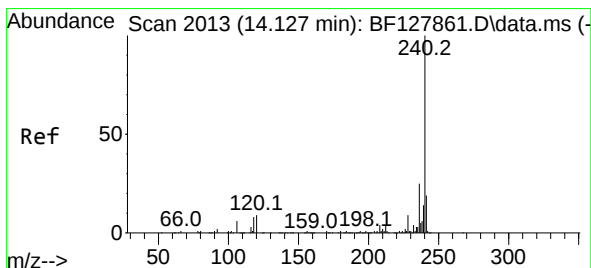
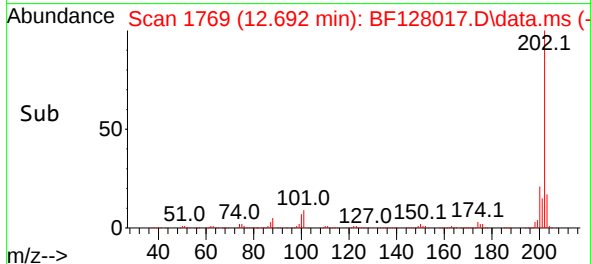
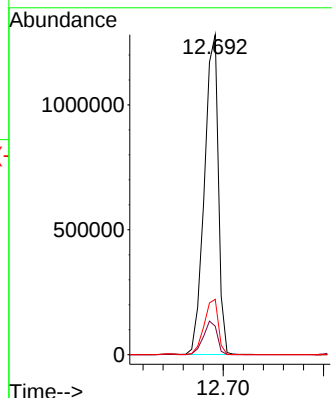
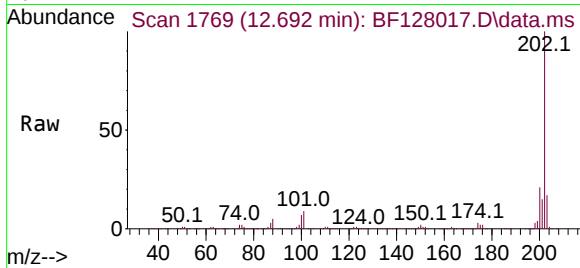




#75
Fluoranthene
Concen: 37.815 ng
RT: 12.692 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

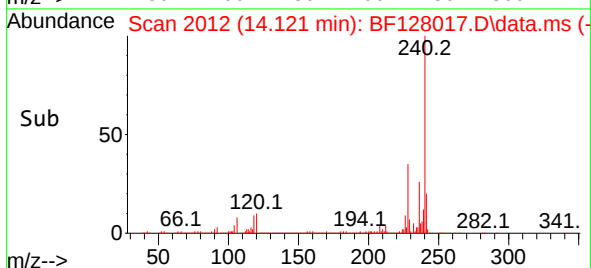
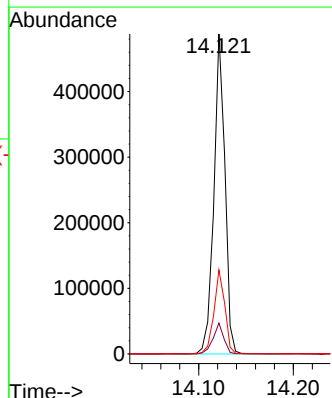
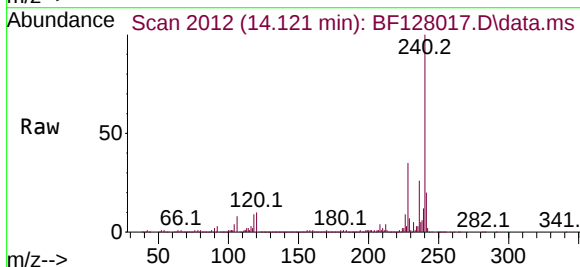
Instrument :
BNA_F
ClientSampleId :
PB144493BS

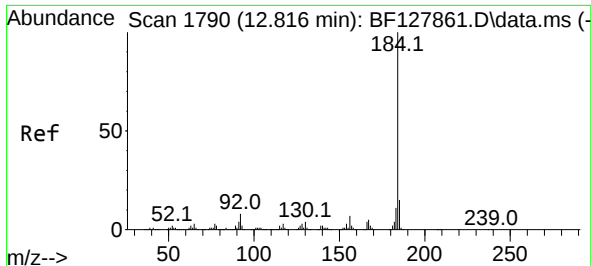
Tgt Ion:202 Resp: 1239791
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.6
203 17.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:240 Resp: 393495
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 26.2 20.3 30.5

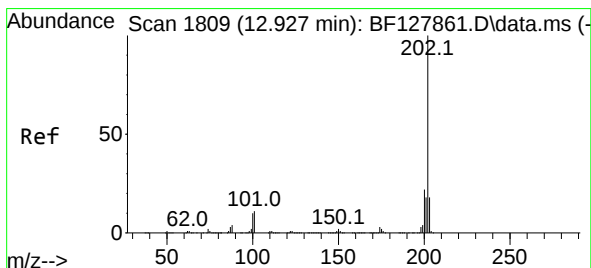
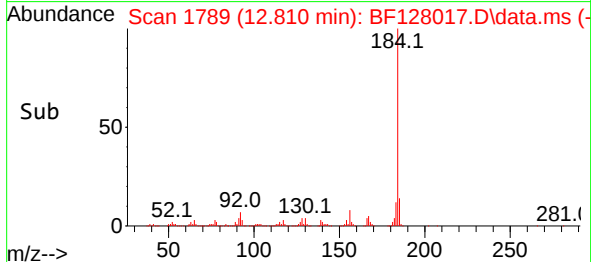
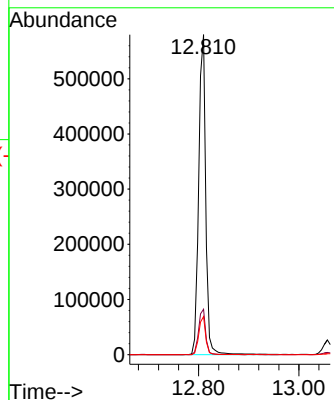
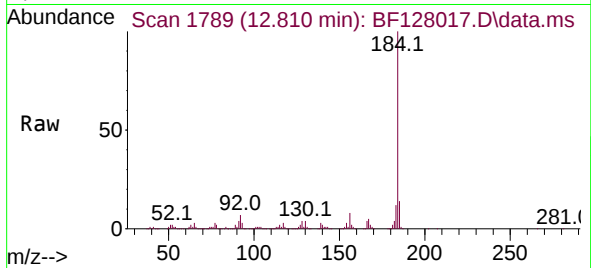




#77
Benzidine
Concen: 75.608 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

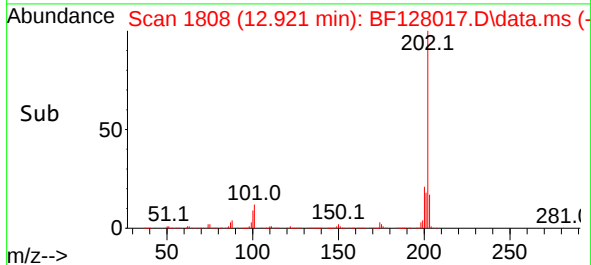
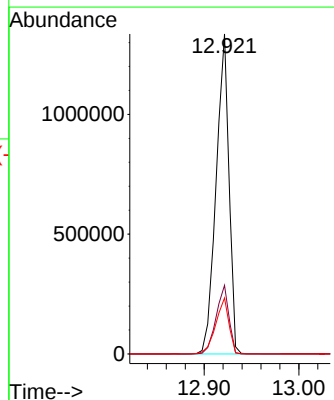
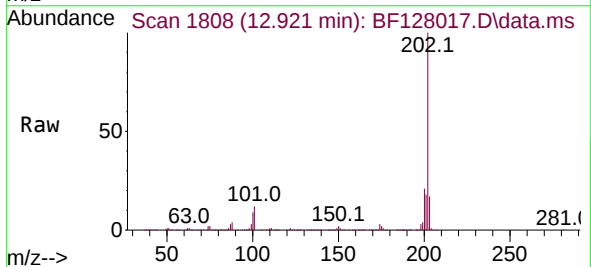
Instrument :
BNA_F
ClientSampleId :
PB144493BS

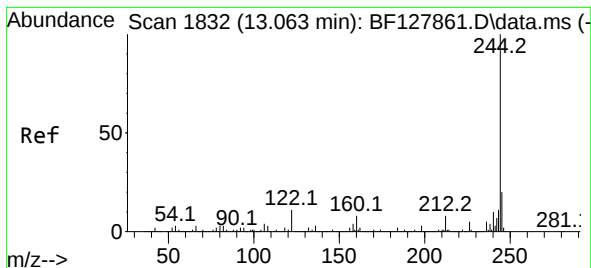
Tgt Ion:184 Resp: 562940
Ion Ratio Lower Upper
184 100
185 14.2 12.1 18.1
183 11.9 9.0 13.4



#78
Pyrene
Concen: 39.490 ng
RT: 12.921 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:202 Resp: 1254402
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 83.936 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

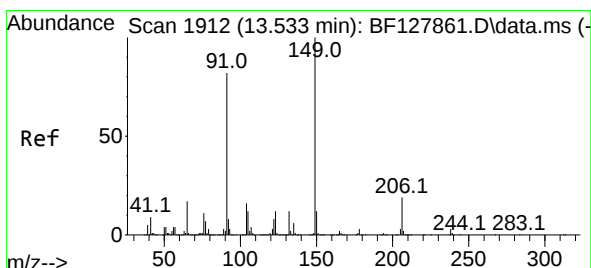
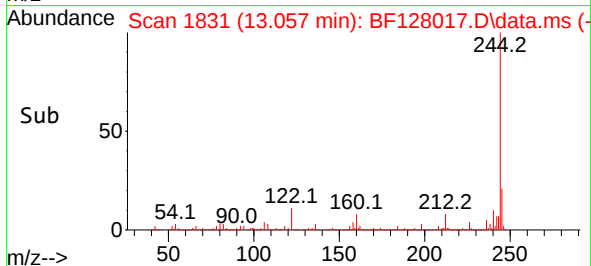
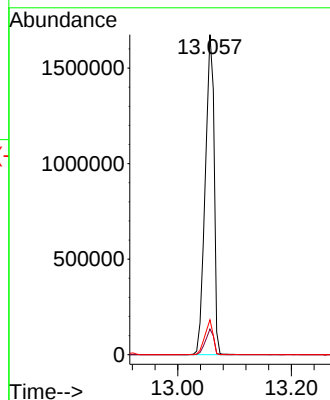
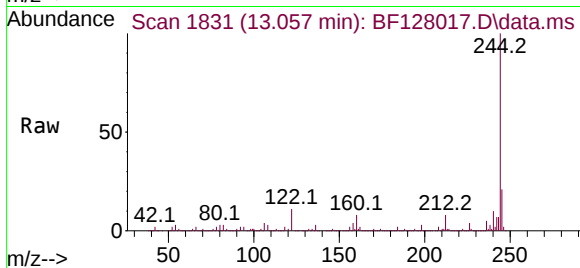
Tgt Ion:244 Resp: 1806258

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

122 10.9 8.6 12.8



#80

Butylbenzylphthalate

Concen: 42.374 ng

RT: 13.527 min Scan# 1911

Delta R.T. -0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

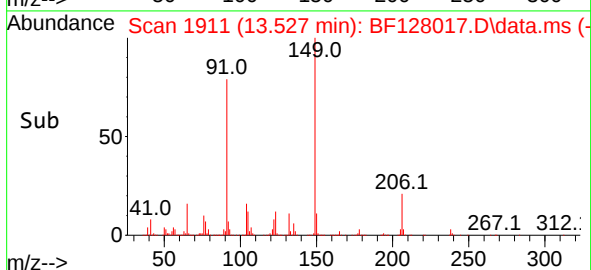
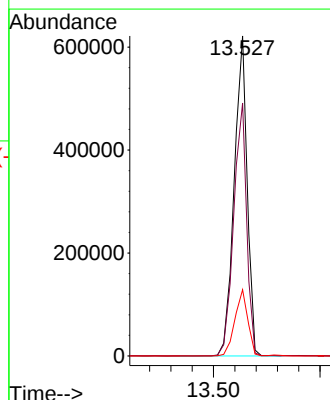
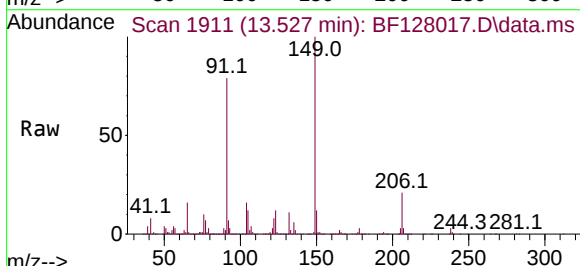
Tgt Ion:149 Resp: 527577

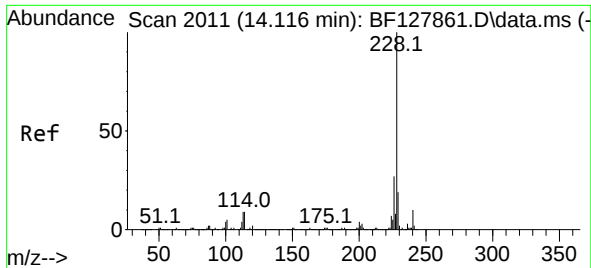
Ion Ratio Lower Upper

149 100

91 79.0 65.8 98.6

206 20.7 15.4 23.2

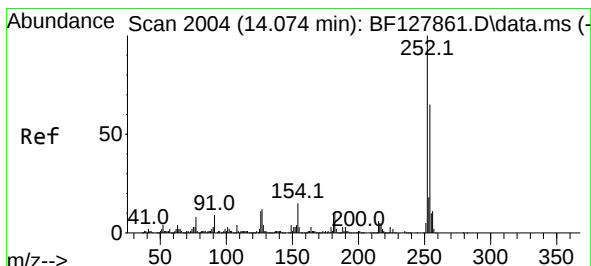
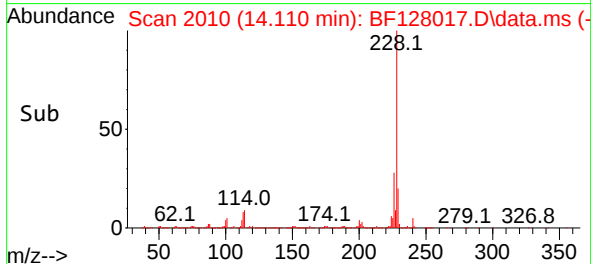
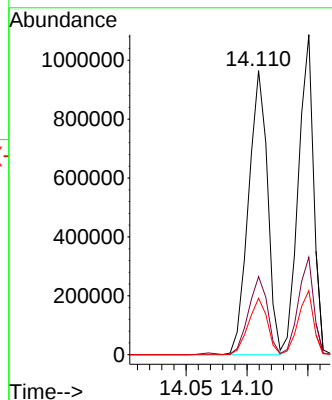
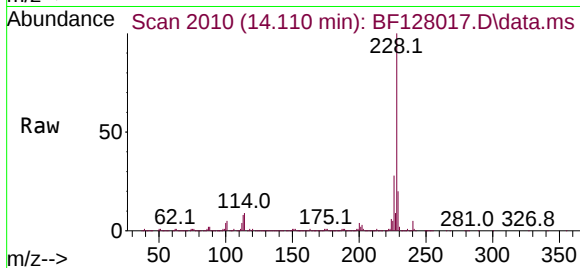




#81
Benzo(a)anthracene
Concen: 39.948 ng
RT: 14.110 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

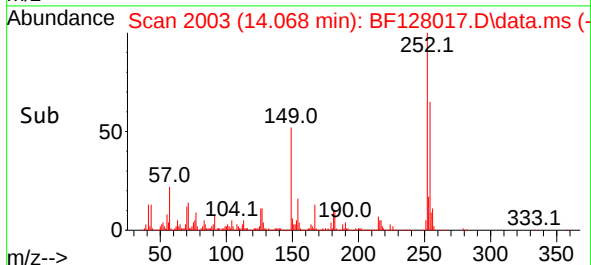
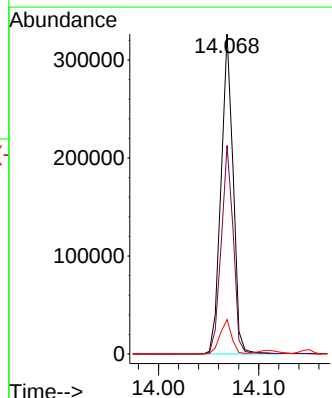
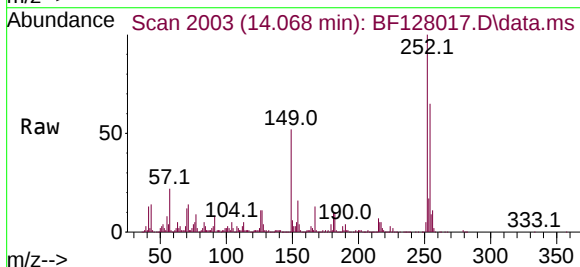
Instrument :
BNA_F
ClientSampleId :
PB144493BS

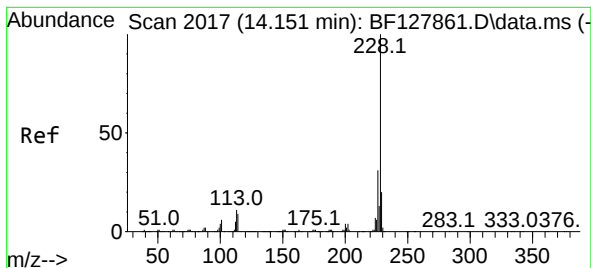
Tgt Ion:228 Resp: 1047743
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.9 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 32.719 ng
RT: 14.068 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:252 Resp: 272471
Ion Ratio Lower Upper
252 100
254 65.1 51.6 77.4
126 10.7 8.8 13.2





#83

Chrysene

Concen: 37.793 ng

RT: 14.151 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

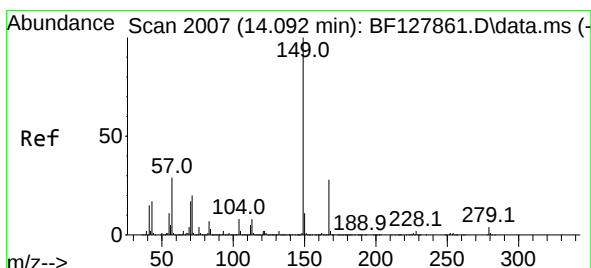
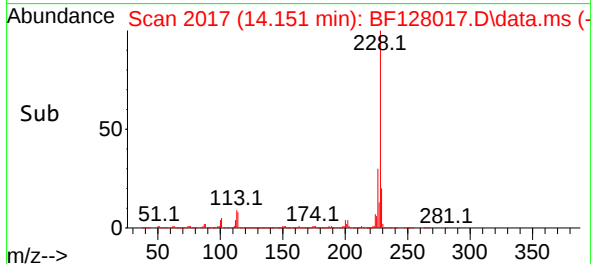
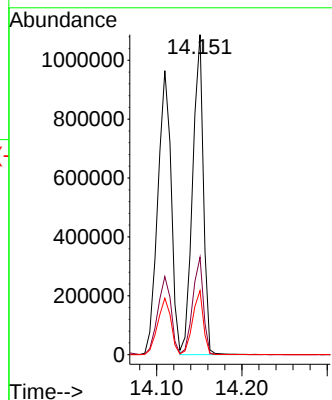
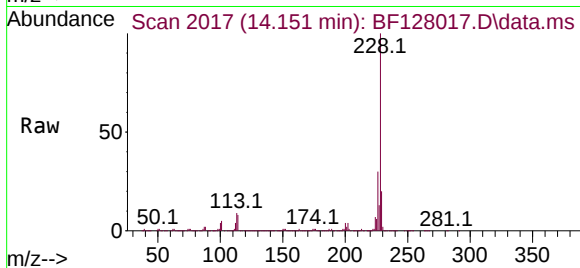
Tgt Ion:228 Resp: 946663

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.861 ng

RT: 14.080 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

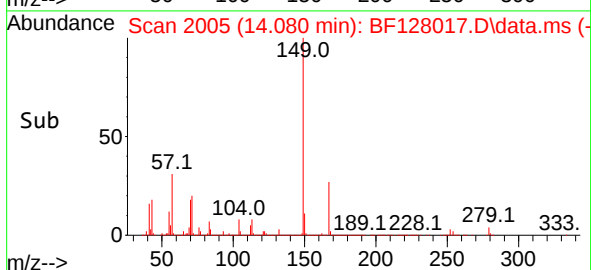
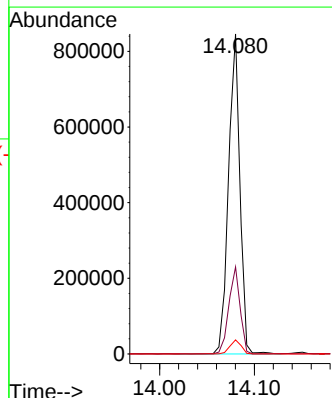
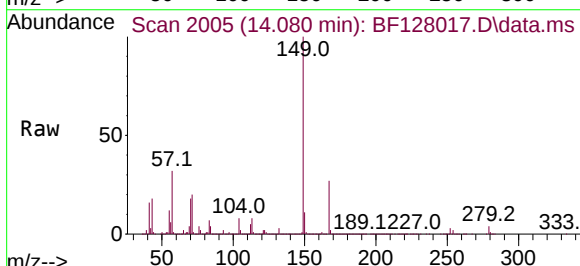
Tgt Ion:149 Resp: 707676

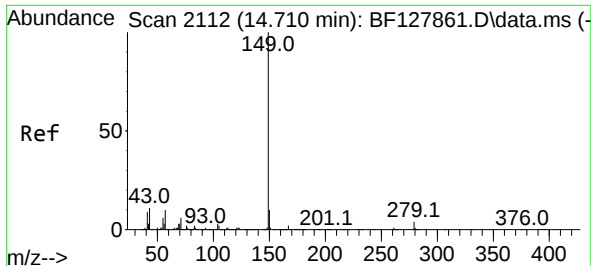
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

279 4.4 3.4 5.0

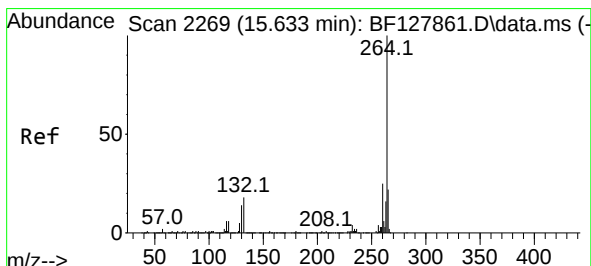
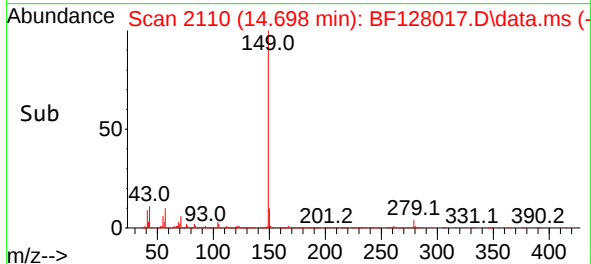
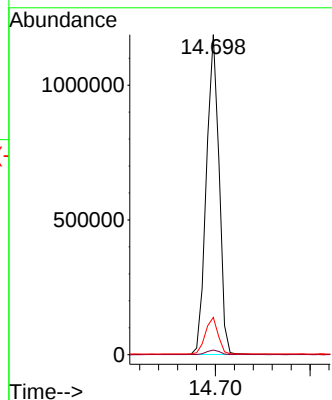
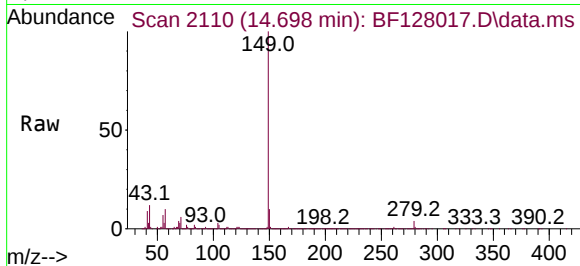




#85
Di-n-octyl phthalate
Concen: 42.889 ng
RT: 14.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

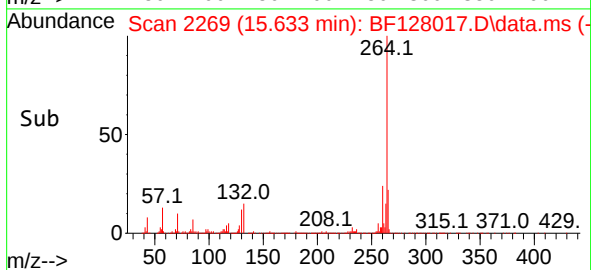
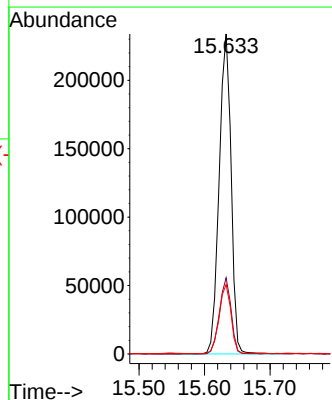
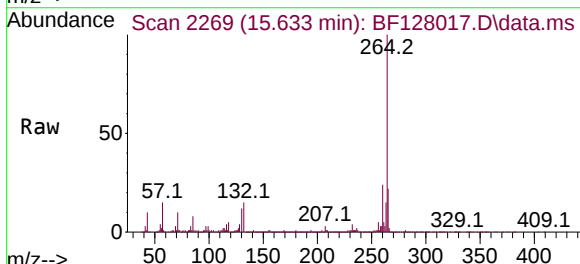
Instrument :
BNA_F
ClientSampleId :
PB144493BS

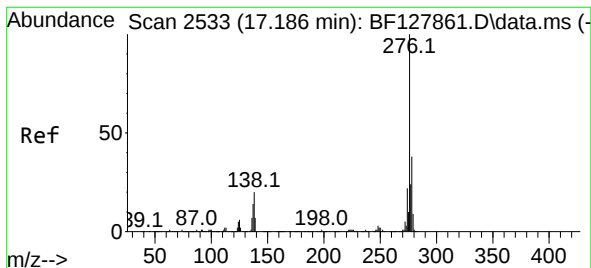
Tgt Ion:149 Resp: 1097399
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.3 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2269
Delta R.T. 0.012 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:264 Resp: 293929
Ion Ratio Lower Upper
264 100
260 23.8 20.1 30.1
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.833 ng

RT: 17.186 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

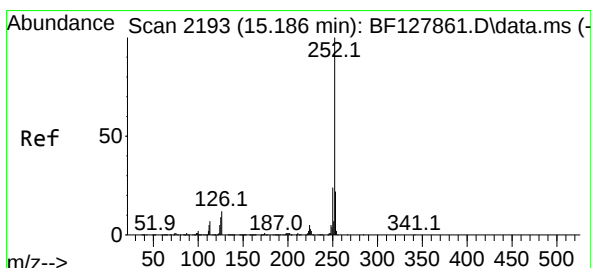
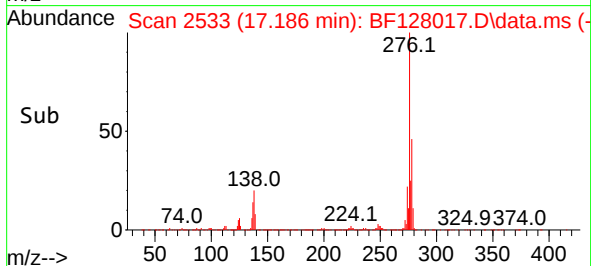
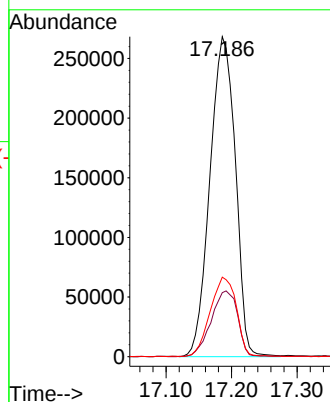
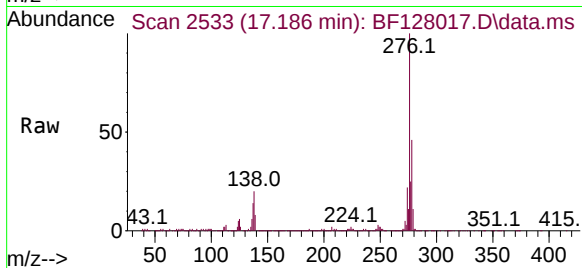
Tgt Ion:276 Resp: 722623

Ion Ratio Lower Upper

276 100

138 21.5 19.0 28.4

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.972 ng

RT: 15.186 min Scan# 2193

Delta R.T. 0.012 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

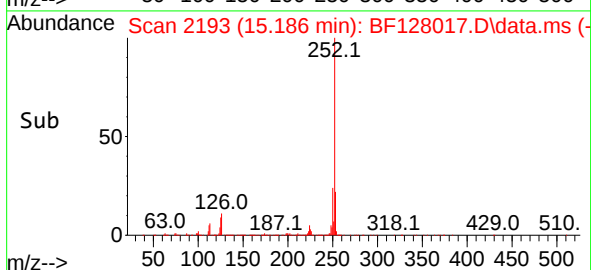
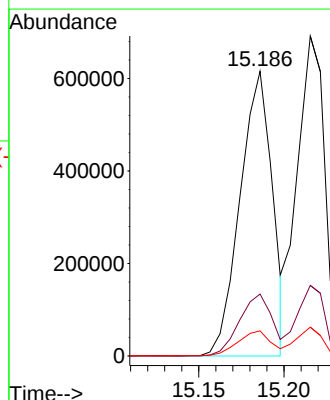
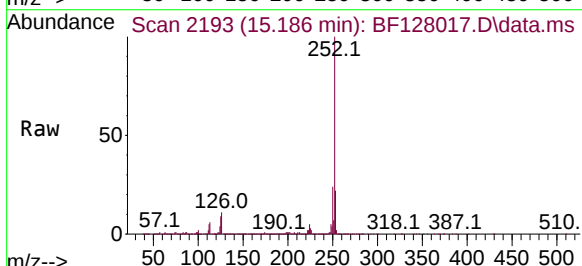
Tgt Ion:252 Resp: 811786

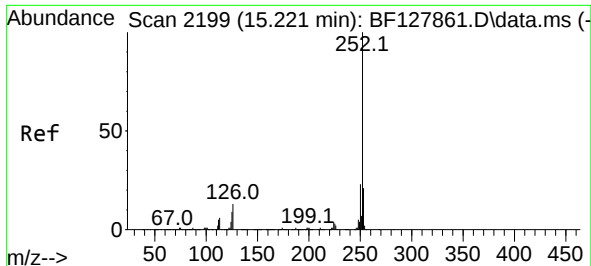
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.8 7.4 11.2

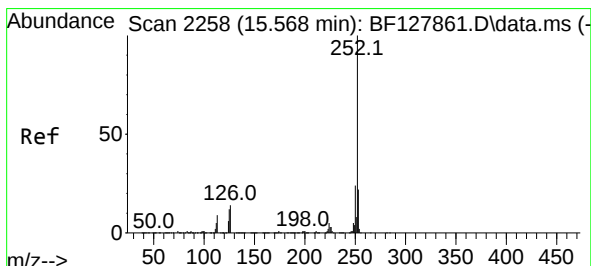
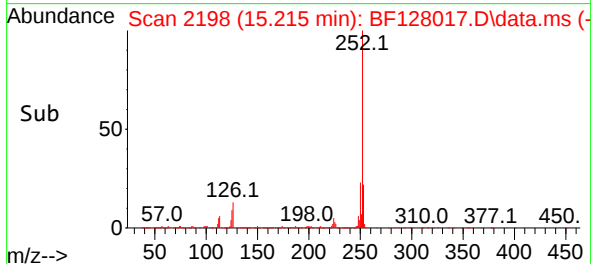
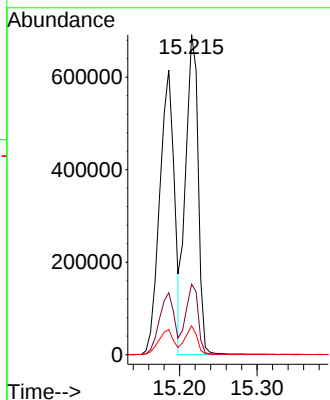
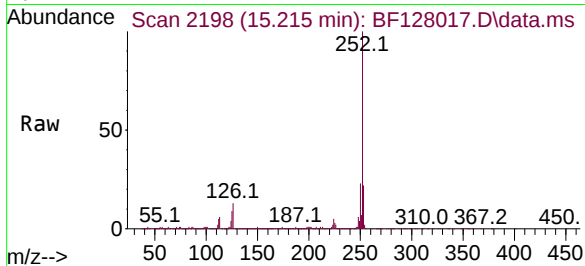




#89
Benzo(k)fluoranthene
Concen: 41.934 ng
RT: 15.215 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

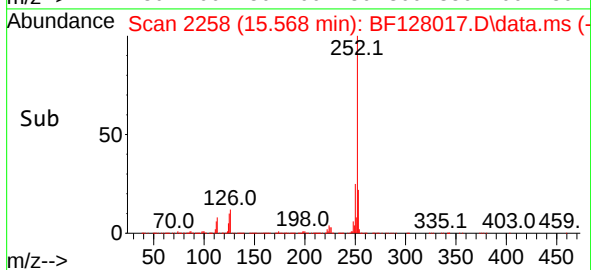
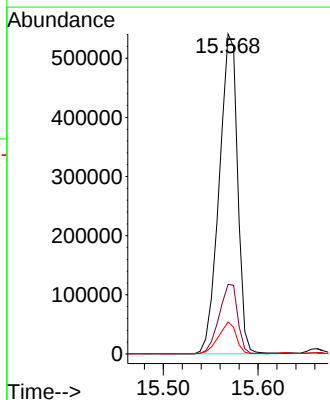
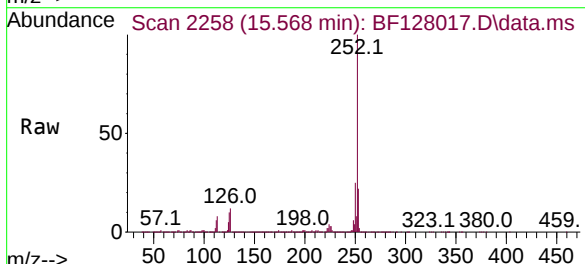
Instrument :
BNA_F
ClientSampleId :
PB144493BS

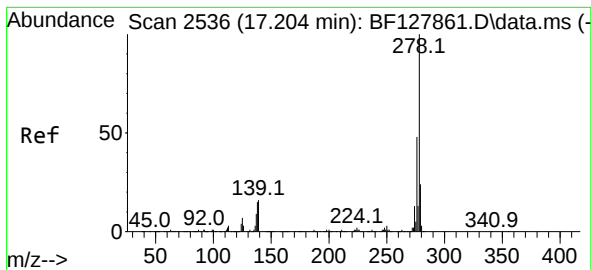
Tgt Ion:252 Resp: 779953
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.0 6.8 10.2



#90
Benzo(a)pyrene
Concen: 47.756 ng
RT: 15.568 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BF128017.D
Acq: 02 May 2022 10:53

Tgt Ion:252 Resp: 731314
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.0 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 39.604 ng

RT: 17.203 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Instrument :

BNA_F

ClientSampleId :

PB144493BS

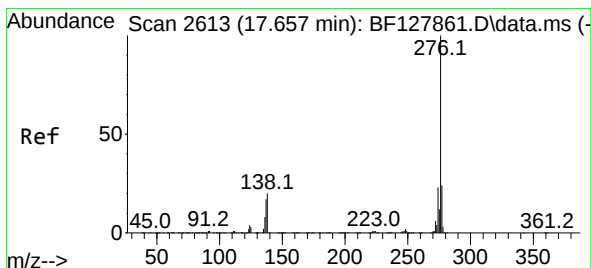
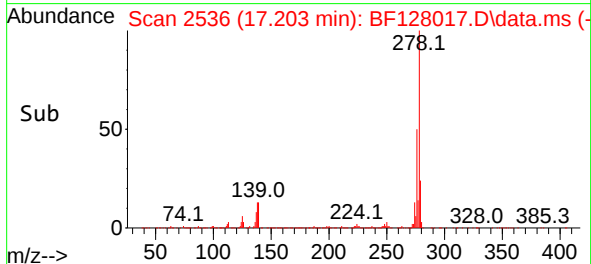
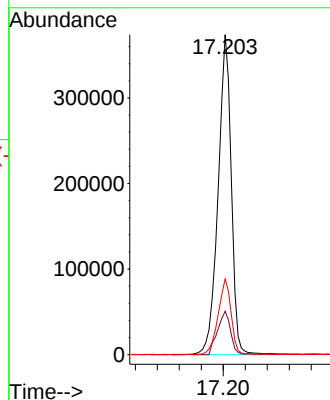
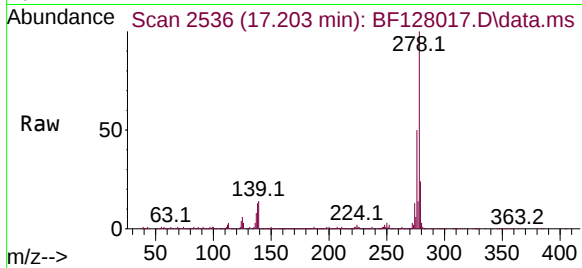
Tgt Ion:278 Resp: 623155

Ion Ratio Lower Upper

278 100

139 13.5 12.6 19.0

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 39.027 ng

RT: 17.662 min Scan# 2614

Delta R.T. 0.024 min

Lab File: BF128017.D

Acq: 02 May 2022 10:53

Tgt Ion:276 Resp: 647145

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 18.5 16.2 24.2

