

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130064.D
 Acq On : 31 Aug 2022 22:14
 Operator : CG\JU
 Sample : PB147308BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147308BSD

Quant Time: Sep 01 03:33:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	270365	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	1107020	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	568581	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	928041	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	534528	20.000	ng	# 0.00
86) Perylene-d12	15.251	264	481715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	2064702	129.645	ng	0.01
7) Phenol-d6	6.345	99	2520960	126.969	ng	0.00
23) Nitrobenzene-d5	7.281	82	1577961	91.606	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	690757	133.462	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2678668	78.109	ng	0.00
79) Terphenyl-d14	12.810	244	2748242	89.159	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.452	88	267123	35.890	ng	95
3) Pyridine	3.151	79	730554	36.605	ng	95
4) n-Nitrosodimethylamine	3.110	42	369039	47.019	ng	82
6) Aniline	6.375	93	1067860	42.899	ng	# 49
8) 2-Chlorophenol	6.492	128	875956	50.112	ng	98
9) Benzaldehyde	6.257	77	376922	31.016	ng	93
10) Phenol	6.357	94	973747	43.388	ng	# 71
11) bis(2-Chloroethyl)ether	6.451	93	810214	47.515	ng	99
12) 1,3-Dichlorobenzene	6.645	146	882064	45.520	ng	98
13) 1,4-Dichlorobenzene	6.722	146	888434	45.517	ng	98
14) 1,2-Dichlorobenzene	6.875	146	836405	47.140	ng	99
15) Benzyl Alcohol	6.857	79	569207	42.533	ng	92
16) 2,2'-oxybis(1-Chloropr...	6.987	45	1082152	46.696	ng	# 52
17) 2-Methylphenol	6.963	107	671220	45.641	ng	# 87
18) Hexachloroethane	7.216	117	338296	47.996	ng	97
19) n-Nitroso-di-n-propyla...	7.134	70	542635	45.365	ng	93
20) 3+4-Methylphenols	7.122	107	728957	42.268	ng	# 76
22) Acetophenone	7.128	105	1065884	43.097	ng	# 97
24) Nitrobenzene	7.298	77	837830	45.734	ng	95
25) Isophorone	7.539	82	1582114	45.379	ng	98
26) 2-Nitrophenol	7.610	139	427883	49.595	ng	92
27) 2,4-Dimethylphenol	7.651	122	737072	50.384	ng	97
28) bis(2-Chloroethoxy)met...	7.751	93	996369	47.575	ng	97
29) 2,4-Dichlorophenol	7.845	162	674046	43.075	ng	99
30) 1,2,4-Trichlorobenzene	7.928	180	695205	42.135	ng	97
31) Naphthalene	8.010	128	2307622	41.331	ng	99
32) Benzoic acid	7.792	122	525231	44.523	ng	98
33) 4-Chloroaniline	8.063	127	847877	37.588	ng	98
34) Hexachlorobutadiene	8.128	225	402470	42.592	ng	100
35) Caprolactam	8.451	113	131629	27.145	ng	92
36) 4-Chloro-3-methylphenol	8.551	107	689998	43.576	ng	93
37) 2-Methylnaphthalene	8.704	142	1486324	41.326	ng	99
38) 1-Methylnaphthalene	8.798	142	1434392	41.031	ng	98
40) 1,2,4,5-Tetrachloroben...	8.869	216	619905	41.811	ng	99
41) Hexachlorocyclopentadiene	8.857	237	811593	104.743	ng	98
43) 2,4,6-Trichlorophenol	8.980	196	444661	42.016	ng	98

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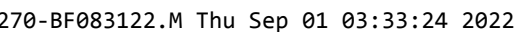
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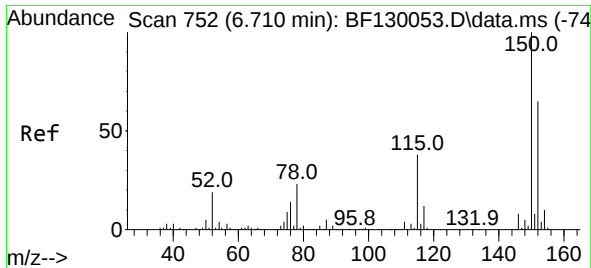
Quant Time: Sep 01 03:33:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	523243	45.615	ng	98
46) 1,1'-Biphenyl	9.169	154	1729934	41.879	ng	99
47) 2-Chloronaphthalene	9.192	162	1365434	41.255	ng	99
48) 2-Nitroaniline	9.286	65	416396	51.054	ng	92
49) Acenaphthylene	9.604	152	2086569	41.516	ng	99
50) Dimethylphthalate	9.480	163	1640362	42.357	ng	100
51) 2,6-Dinitrotoluene	9.533	165	373672	49.489	ng	95
52) Acenaphthene	9.775	154	1256571	39.671	ng	99
53) 3-Nitroaniline	9.704	138	352062	40.623	ng	96
54) 2,4-Dinitrophenol	9.810	184	337542	96.599	ng	# 83
55) Dibenzofuran	9.951	168	1870147	41.233	ng	99
56) 4-Nitrophenol	9.869	139	592436	88.667	ng	88
57) 2,4-Dinitrotoluene	9.939	165	456131	52.470	ng	# 85
58) Fluorene	10.292	166	1362385	39.477	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.063	232	379335	42.578	ng	# 79
60) Diethylphthalate	10.175	149	1597949	42.651	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	623197	40.850	ng	97
62) 4-Nitroaniline	10.322	138	398372	47.264	ng	96
63) Azobenzene	10.445	77	1535906	41.637	ng	95
65) 4,6-Dinitro-2-methylph...	10.339	198	200612	46.180	ng	99
66) n-Nitrosodiphenylamine	10.410	169	1319621	42.536	ng	99
67) 4-Bromophenyl-phenylether	10.775	248	450258	43.618	ng	93
68) Hexachlorobenzene	10.833	284	485832	43.193	ng	# 90
69) Atrazine	10.939	200	402034	45.807	ng	97
70) Pentachlorophenol	11.027	266	569287	90.512	ng	96
71) Phenanthrene	11.251	178	2035847	40.451	ng	98
72) Anthracene	11.298	178	2068234	41.803	ng	99
73) Carbazole	11.457	167	1942016	42.566	ng	99
74) Di-n-butylphthalate	11.792	149	2377730	43.219	ng	100
75) Fluoranthene	12.433	202	2062757	41.331	ng	98
77) Benzidine	12.557	184	1150642	79.730	ng	99
78) Pyrene	12.657	202	2094123	43.678	ng	99
80) Butylbenzylphthalate	13.286	149	943979	49.501	ng	98
81) Benzo(a)anthracene	13.839	228	1535695	41.923	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	500407	43.805	ng	99
83) Chrysene	13.880	228	1526442	42.266	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1125168	47.467	ng	99
85) Di-n-octyl phthalate	14.457	149	1896578	50.652	ng	98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1449373	45.612	ng	# 94
88) Benzo(b)fluoranthene	14.857	252	1446335	45.024	ng	97
89) Benzo(k)fluoranthene	14.886	252	1364438	43.917	ng	98
90) Benzo(a)pyrene	15.198	252	1230479	48.205	ng	99
91) Dibenzo(a,h)anthracene	16.627	278	1257206	48.352	ng	# 95
92) Benzo(g,h,i)perylene	17.015	276	1244427	47.836	ng	# 91

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

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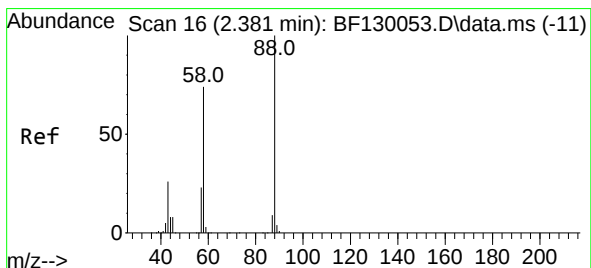
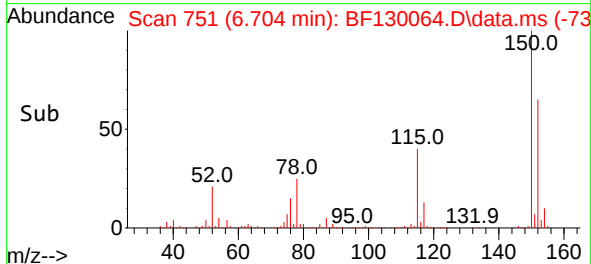
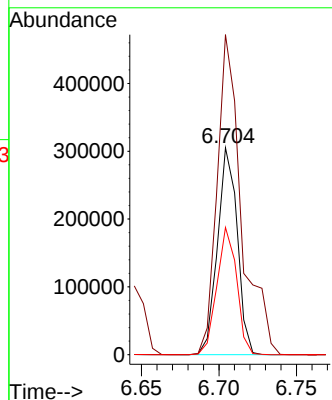
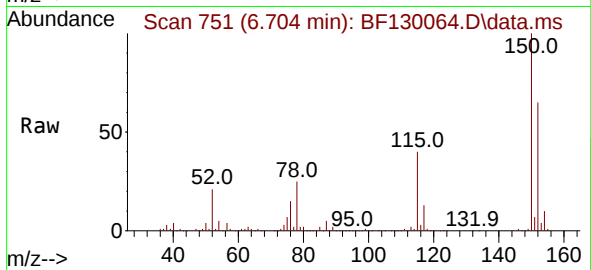




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130064.D
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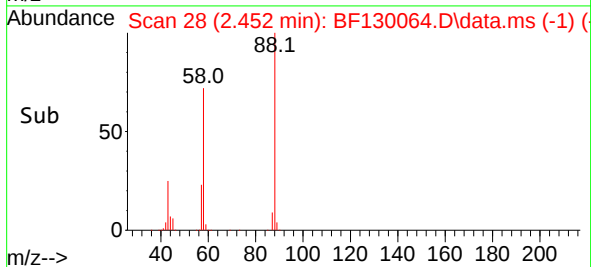
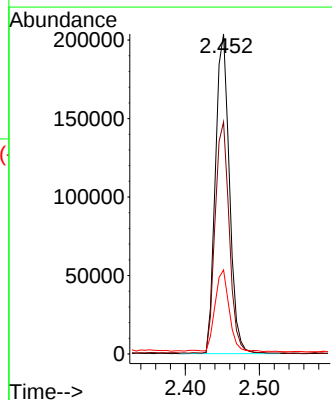
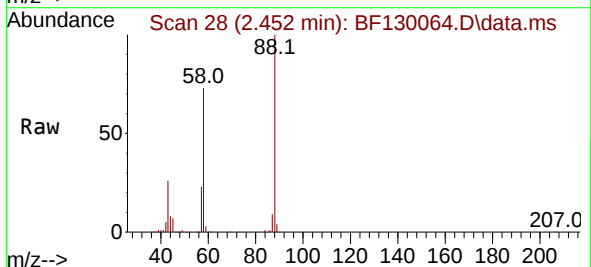
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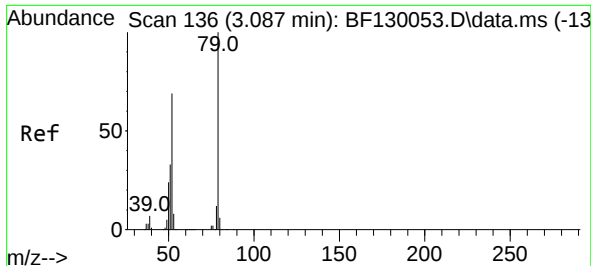
Tgt Ion:152 Resp: 270365
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.9 190.3
 115 61.4 53.4 80.0



#2
 1,4-Dioxane
 Concen: 35.890 ng
 RT: 2.452 min Scan# 28
 Delta R.T. 0.071 min
 Lab File: BF130064.D
 Acq: 31 Aug 2022 22:14

Tgt Ion: 88 Resp: 267123
 Ion Ratio Lower Upper
 88 100
 58 72.8 60.9 91.3
 43 26.0 23.6 35.4

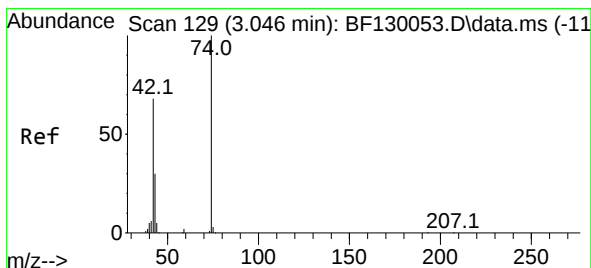
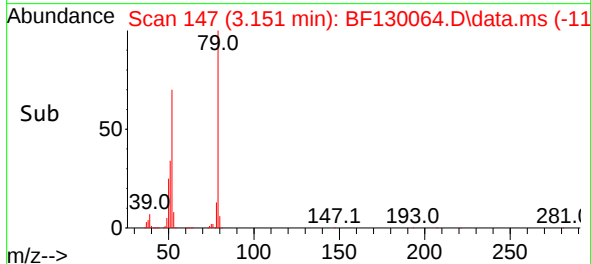
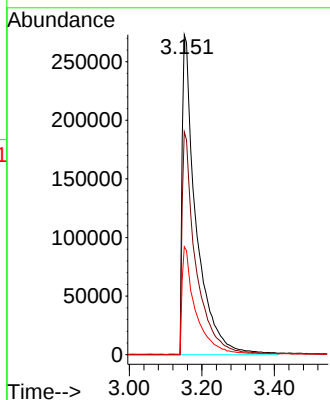
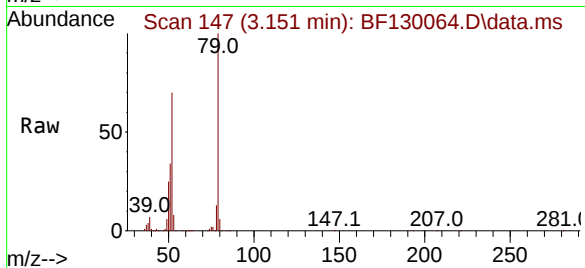




#3
Pyridine
Concen: 36.605 ng
RT: 3.151 min Scan# 14
Delta R.T. 0.065 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

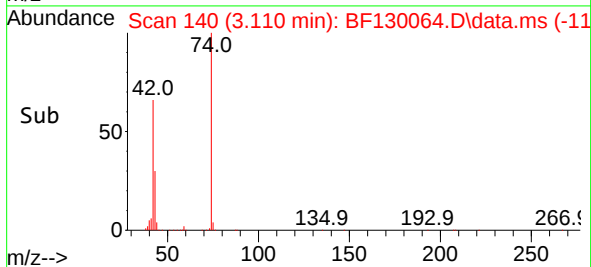
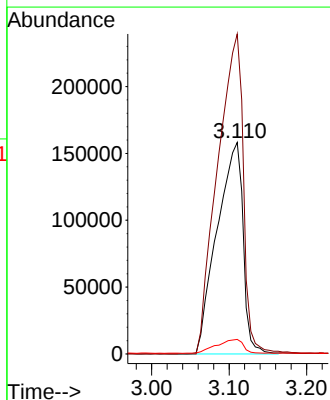
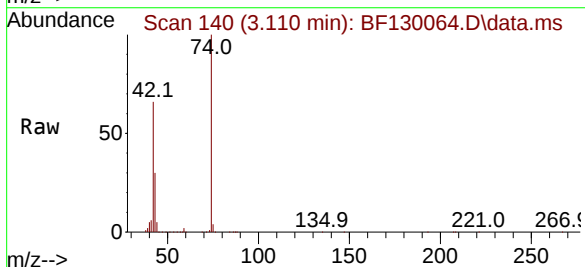
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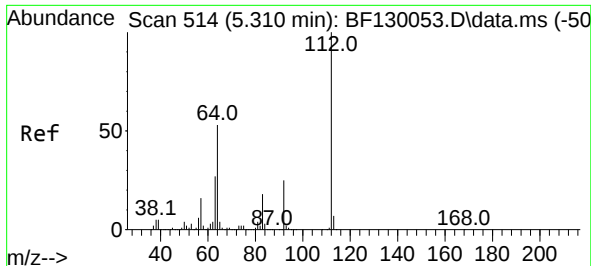
Tgt Ion: 79 Resp: 730554
Ion Ratio Lower Upper
79 100
52 69.7 59.4 89.2
51 33.8 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 47.019 ng
RT: 3.110 min Scan# 140
Delta R.T. 0.065 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion: 42 Resp: 369039
Ion Ratio Lower Upper
42 100
74 151.3 103.1 154.7
44 6.9 5.4 8.2

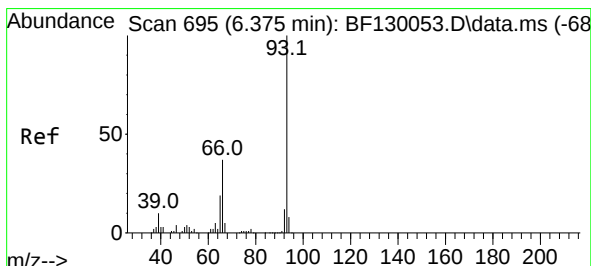
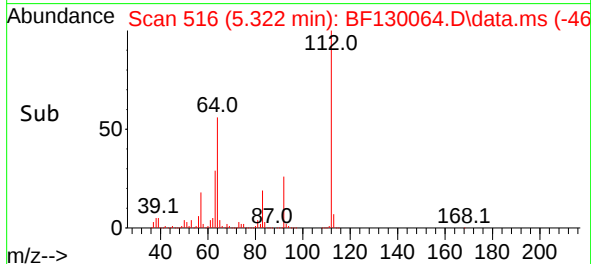
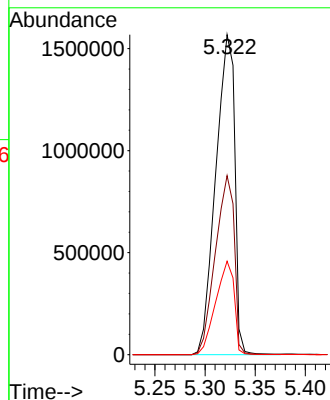
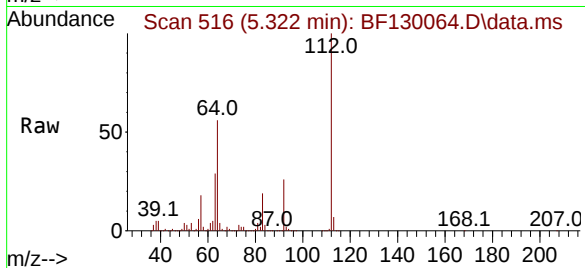




#5
2-Fluorophenol
Concen: 129.645 ng
RT: 5.322 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

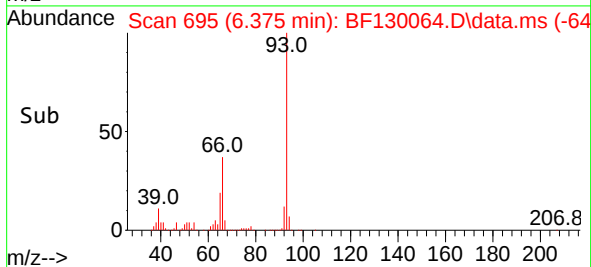
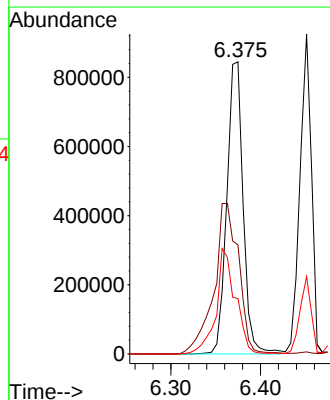
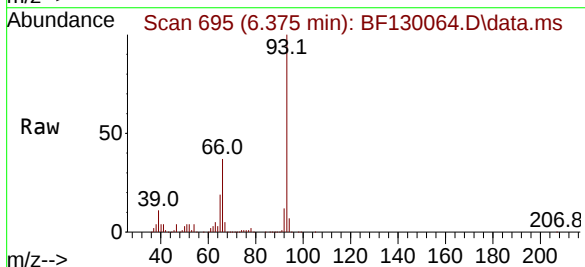
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Tgt Ion:112 Resp: 2064702
Ion Ratio Lower Upper
112 100
64 56.0 47.6 71.4
63 29.2 24.6 37.0



#6
Aniline
Concen: 42.899 ng
RT: 6.375 min Scan# 695
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion: 93 Resp: 1067860
Ion Ratio Lower Upper
93 100
66 37.4 68.7 103.1#
65 18.9 41.6 62.4#

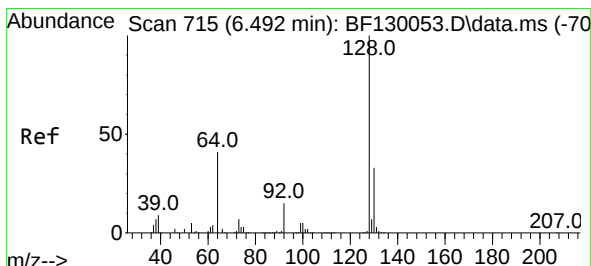
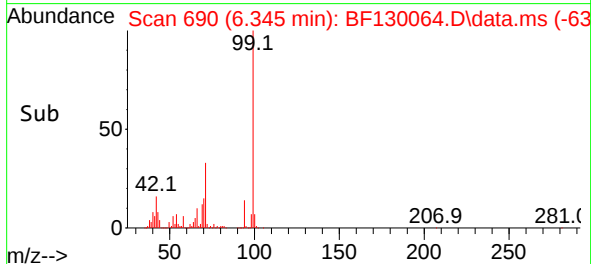
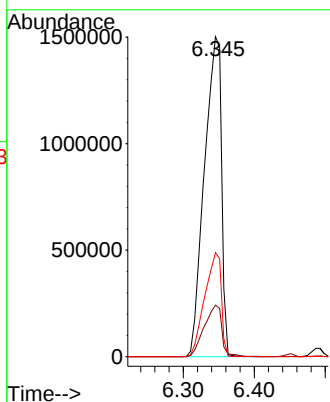
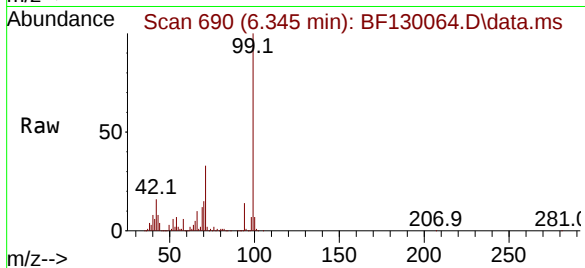




#7
Phenol-d6
Concen: 126.969 ng
RT: 6.345 min Scan# 690
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

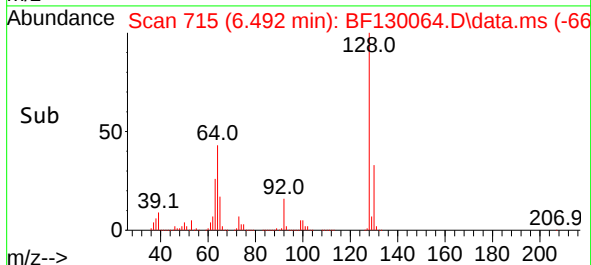
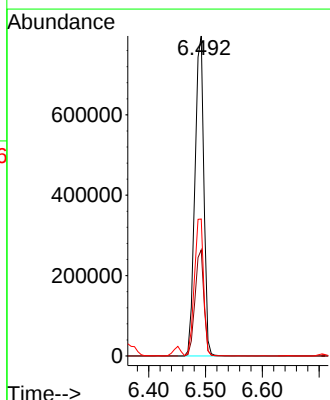
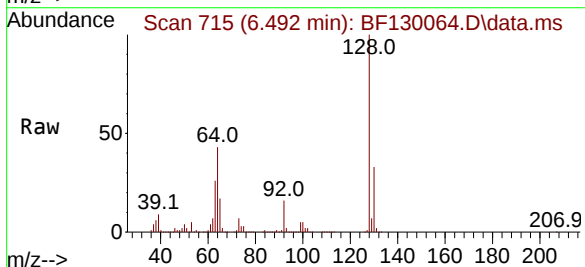
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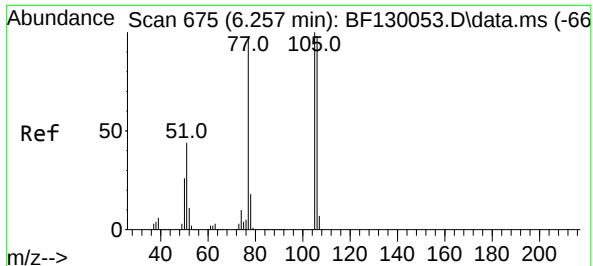
Tgt Ion: 99 Resp: 2520960
Ion Ratio Lower Upper
99 100
42 16.1 15.0 22.4
71 32.5 28.8 43.2



#8
2-Chlorophenol
Concen: 50.112 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:128 Resp: 875956
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 42.8 24.9 64.9

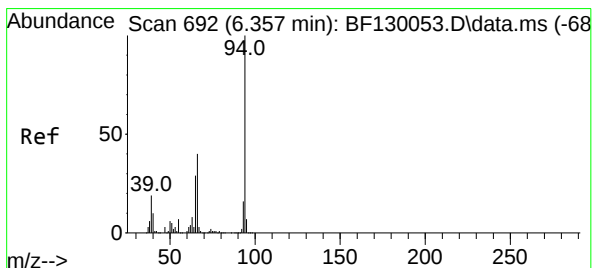
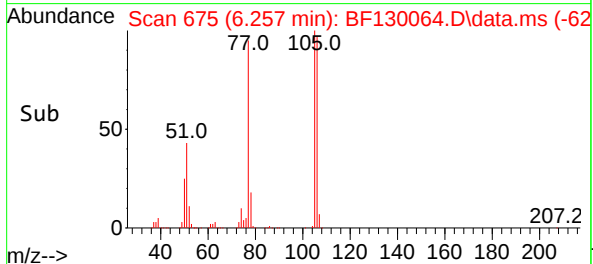
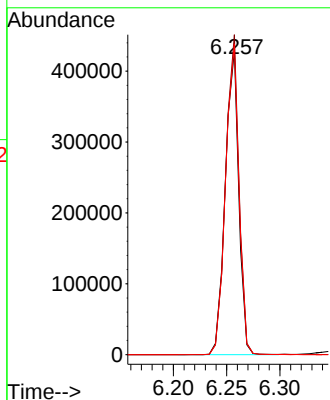
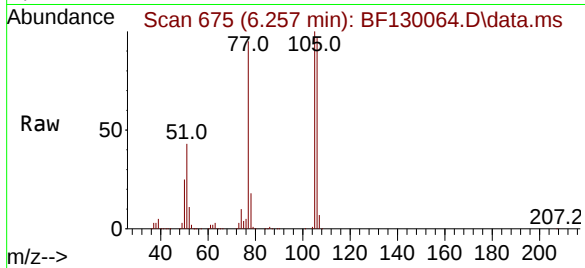




#9
Benzaldehyde
Concen: 31.016 ng
RT: 6.257 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

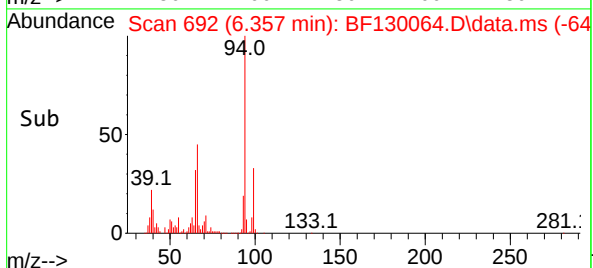
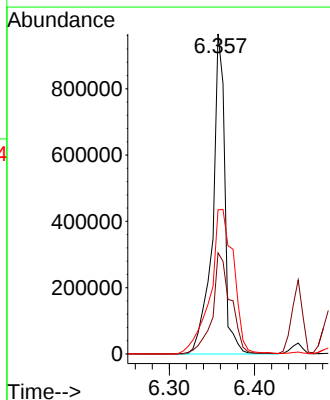
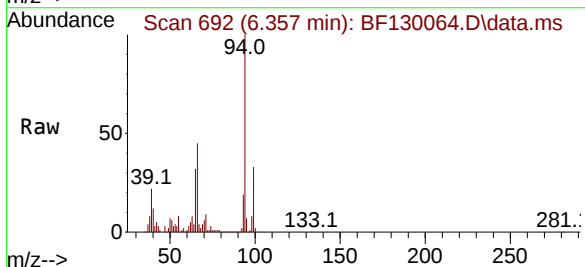
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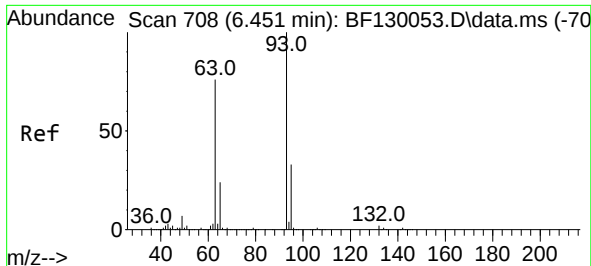
Tgt Ion: 77 Resp: 376922
Ion Ratio Lower Upper
77 100
105 105.3 80.3 120.3
106 102.3 74.3 114.3



#10
Phenol
Concen: 43.388 ng
RT: 6.357 min Scan# 692
Delta R.T. -0.000 min
Lab File: BF130064.D
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Tgt Ion: 94 Resp: 973747
Ion Ratio Lower Upper
94 100
65 31.6 24.9 64.9
66 45.1 54.2 94.2#





#11

bis(2-Chloroethyl)ether

Concen: 47.515 ng

RT: 6.451 min Scan# 708

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

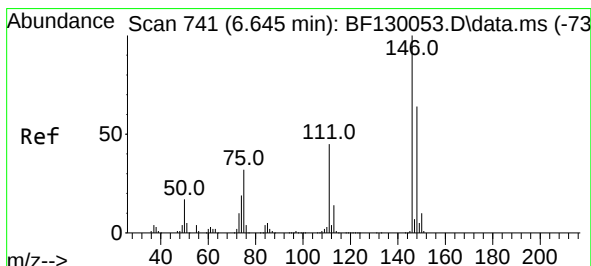
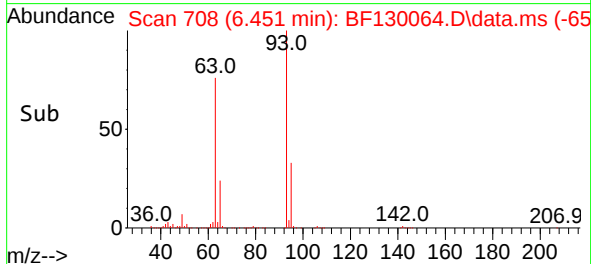
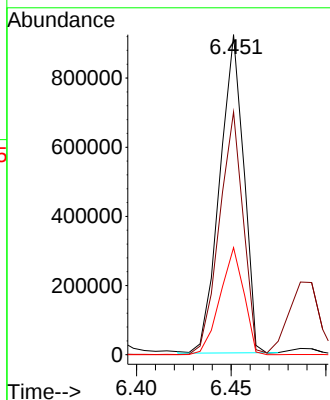
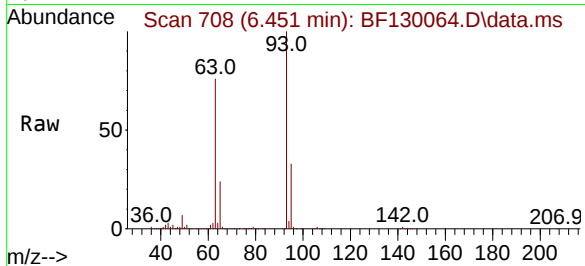
Tgt Ion: 93 Resp: 810214

Ion Ratio Lower Upper

93 100

63 75.9 55.9 95.9

95 33.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 45.520 ng

RT: 6.645 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

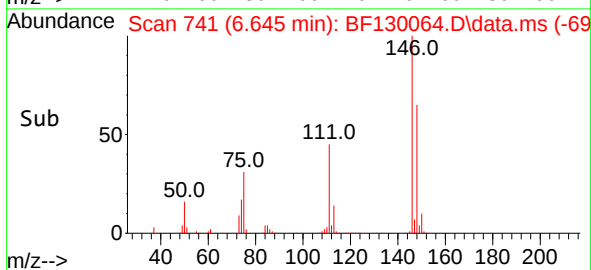
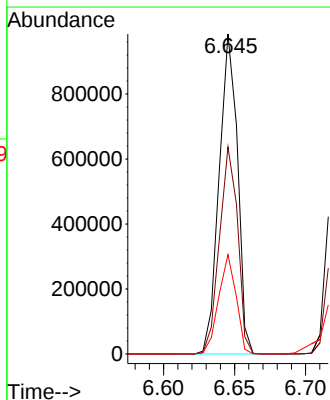
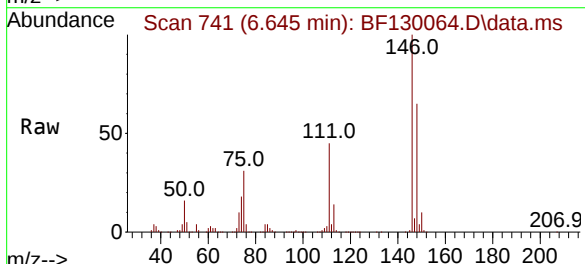
Tgt Ion: 146 Resp: 882064

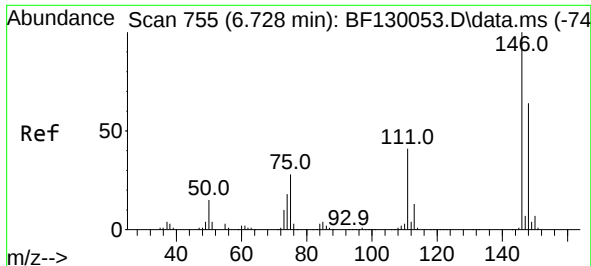
Ion Ratio Lower Upper

146 100

148 64.7 51.2 76.8

75 31.0 26.5 39.7

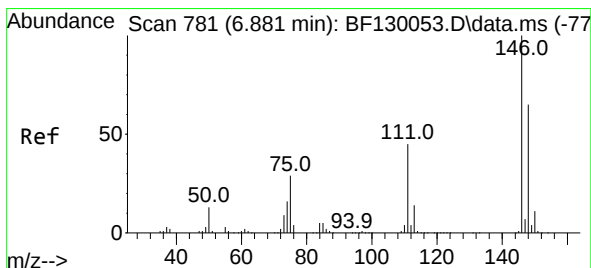
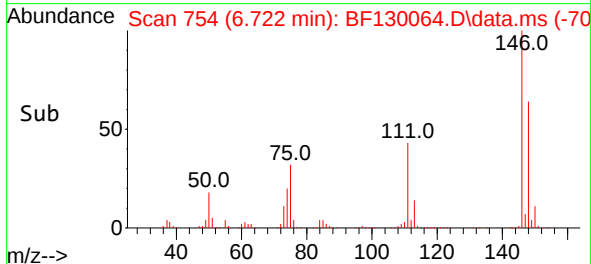
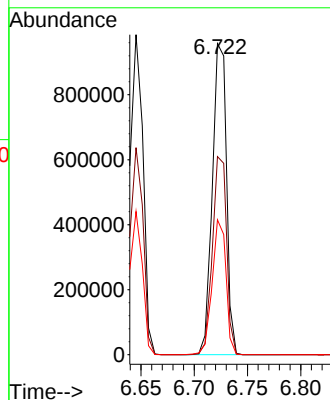
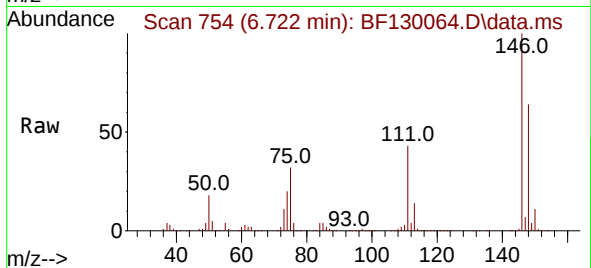




#13
1,4-Dichlorobenzene
Concen: 45.517 ng
RT: 6.722 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

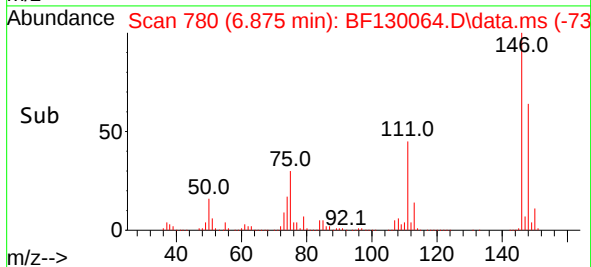
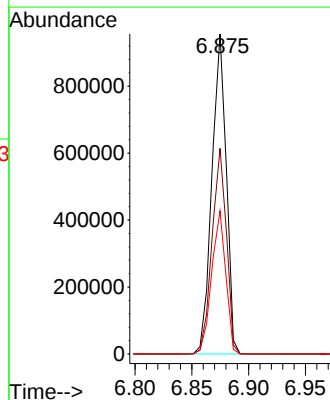
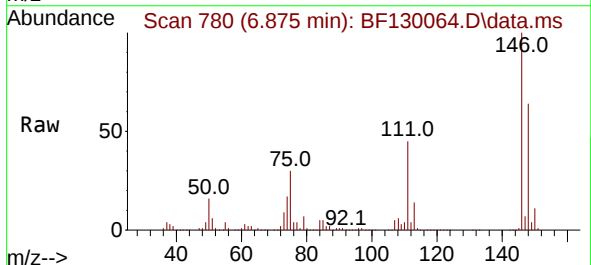
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

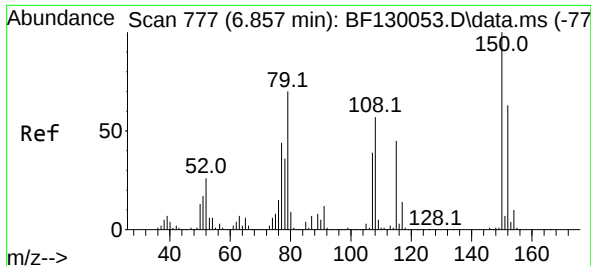
Tgt Ion:146 Resp: 888434
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
111 43.4 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 47.140 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:146 Resp: 836405
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 44.8 37.2 55.8

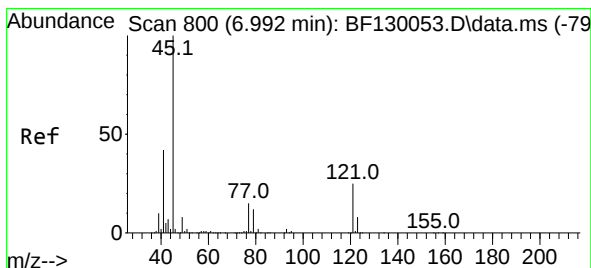
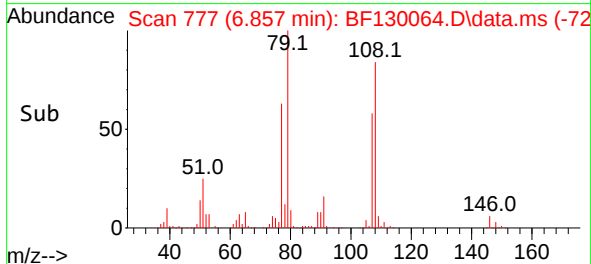
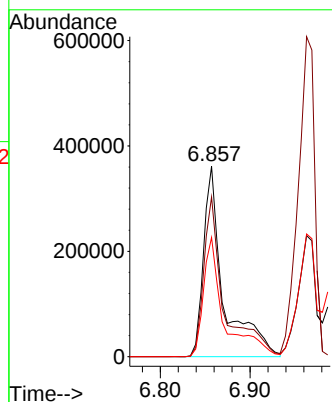
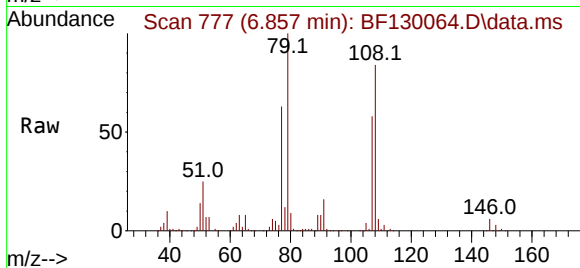




#15
Benzyl Alcohol
Concen: 42.533 ng
RT: 6.857 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

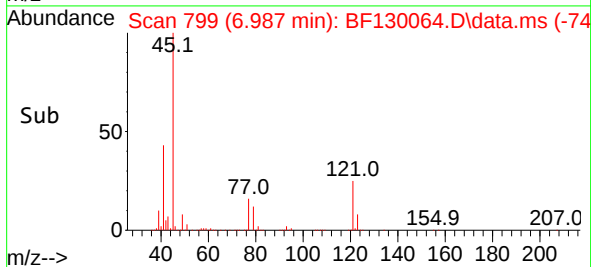
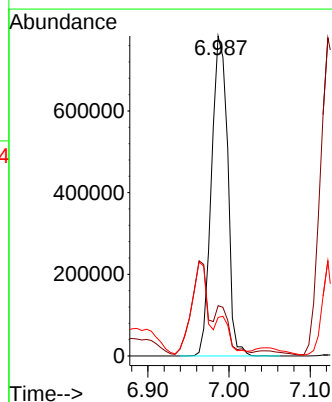
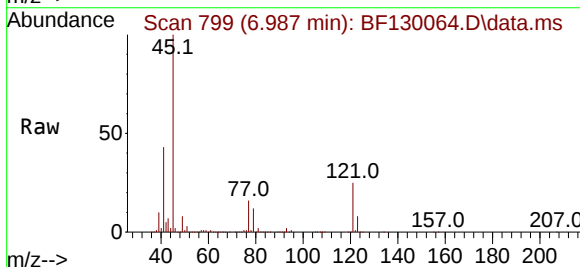
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

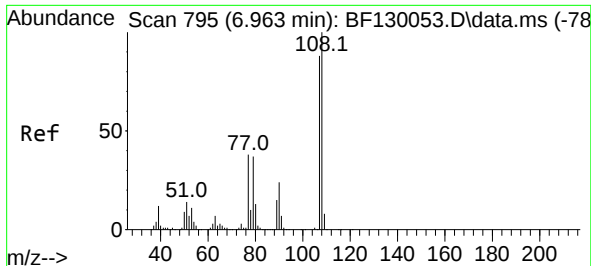
Tgt Ion: 79 Resp: 569207
Ion Ratio Lower Upper
79 100
108 83.8 59.2 88.8
77 62.6 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.696 ng
RT: 6.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

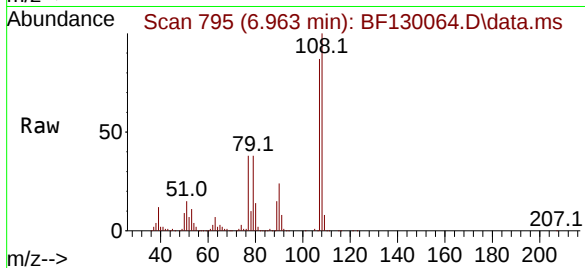
Tgt Ion: 45 Resp: 1082152
Ion Ratio Lower Upper
45 100
77 15.7 27.4 67.4#
79 12.1 24.4 64.4#



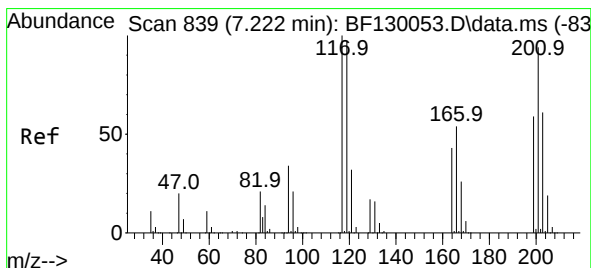
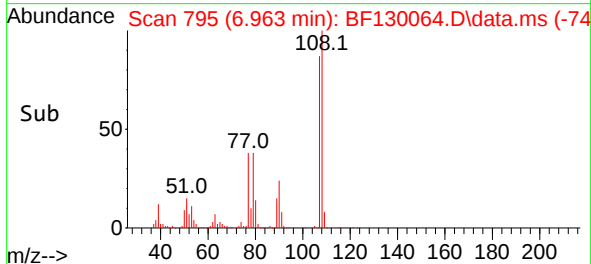
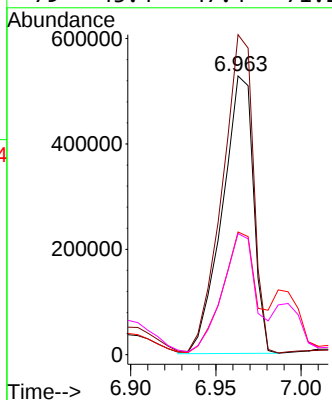


#17
2-Methylphenol
Concen: 45.641 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Instrument :
BNA_F
ClientSampleId :
PB147308BSD

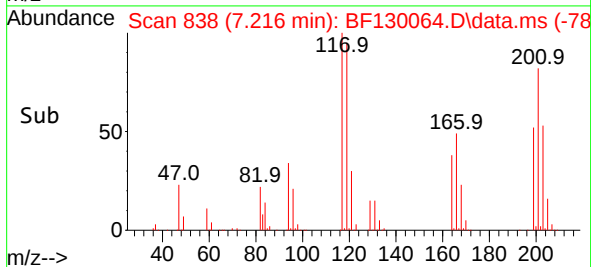
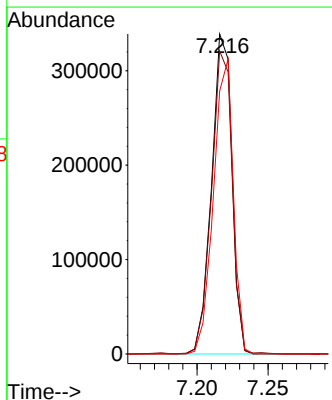
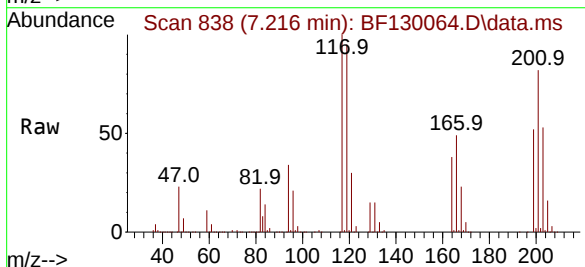


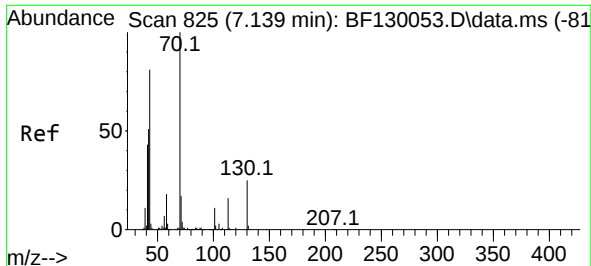
Tgt Ion:107 Resp: 671220
Ion Ratio Lower Upper
107 100
108 114.8 90.2 135.2
77 44.0 51.8 77.8#
79 43.4 47.4 71.2#



#18
Hexachloroethane
Concen: 47.996 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:117 Resp: 338296
Ion Ratio Lower Upper
117 100
119 94.7 79.1 118.7
201 82.2 66.6 100.0

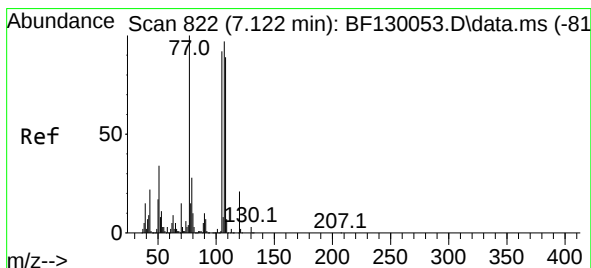
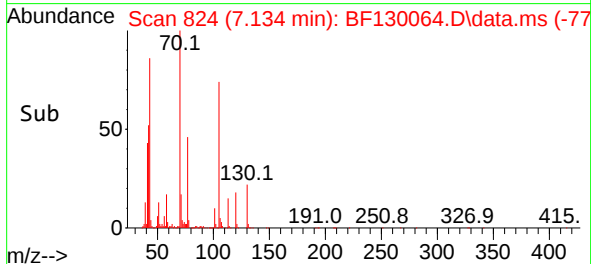
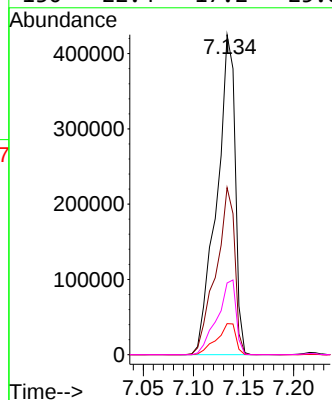
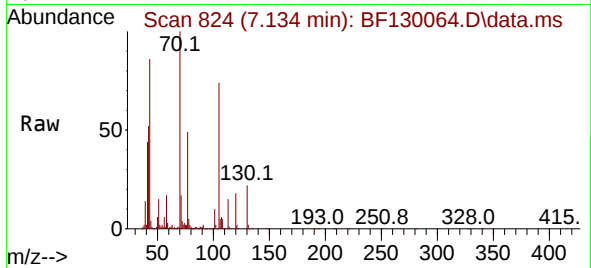




#19
n-Nitroso-di-n-propylamine
Concen: 45.365 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

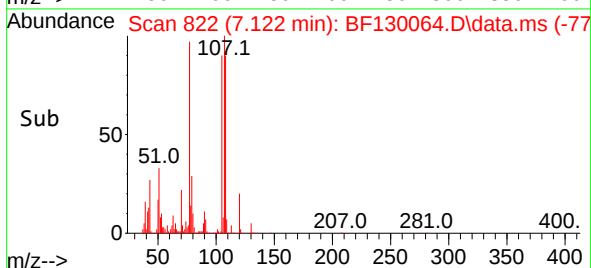
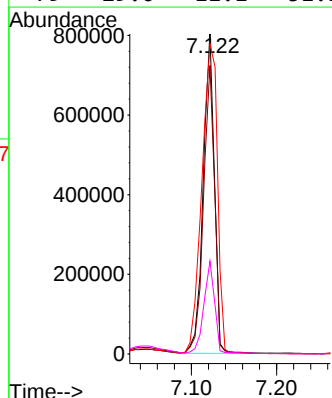
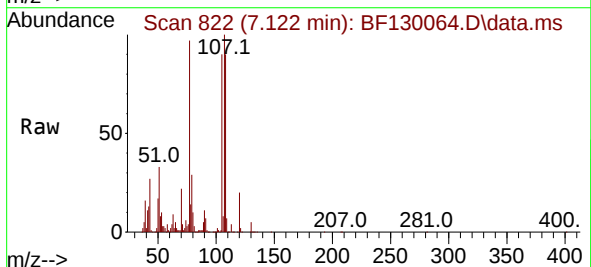
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

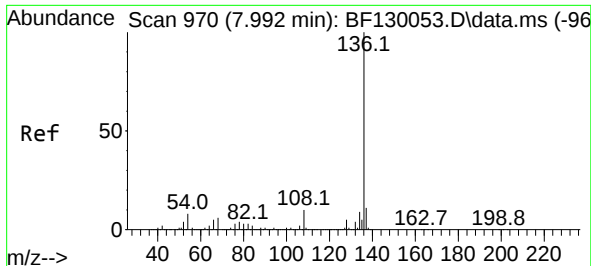
Tgt Ion: 70 Resp: 542635
Ion Ratio Lower Upper
70 100
42 52.2 47.6 71.4
101 9.7 8.1 12.1
130 22.4 17.2 25.8



#20
3+4-Methylphenols
Concen: 42.268 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion: 107 Resp: 728957
Ion Ratio Lower Upper
107 100
108 90.2 71.3 111.3
77 97.0 20.4 60.4#
79 29.0 11.1 51.1

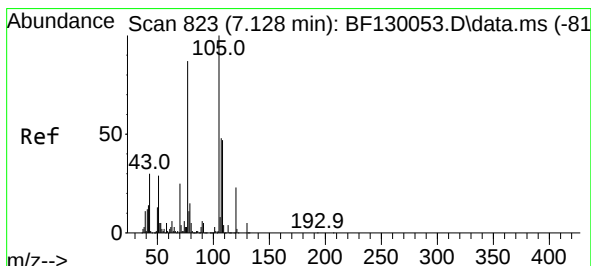
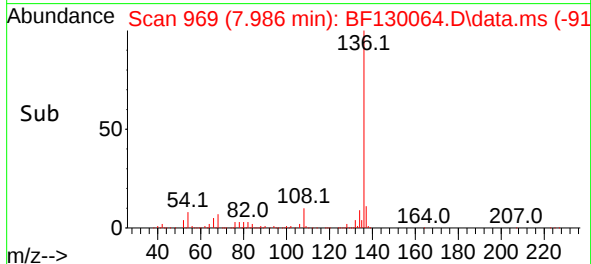
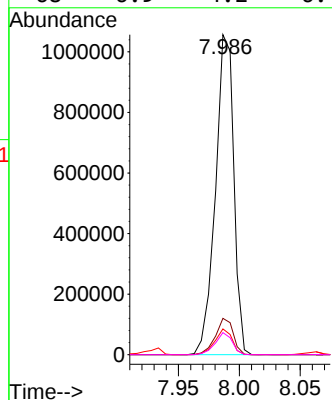
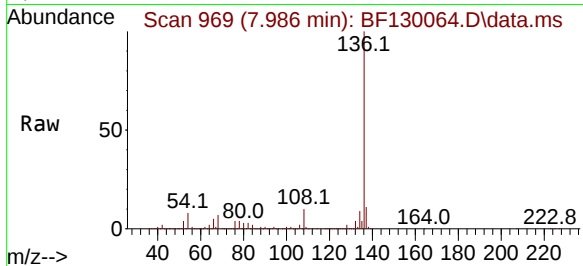




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

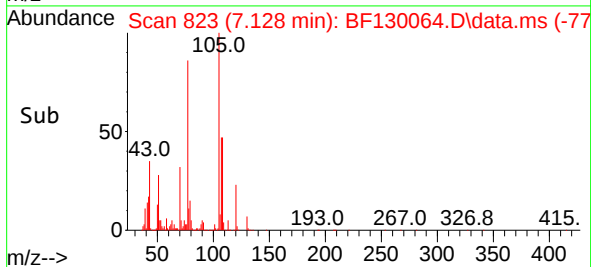
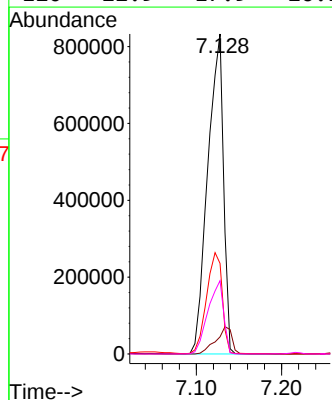
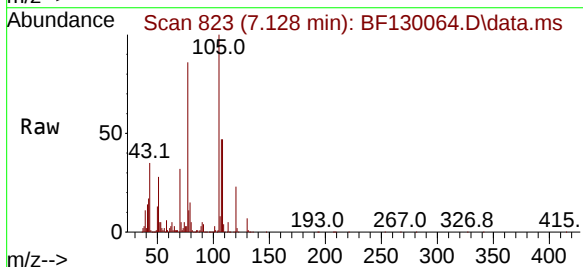
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

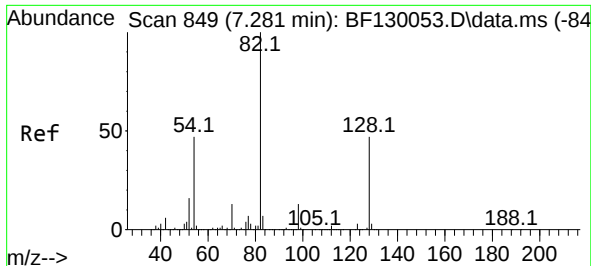
Tgt Ion:136 Resp: 1107020
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.0 6.2 9.2
68 6.9 4.2 6.4#



#22
Acetophenone
Concen: 43.097 ng
RT: 7.128 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:105 Resp: 1065884
Ion Ratio Lower Upper
105 100
71 5.4 6.6 9.8#
51 28.3 23.8 35.8
120 22.9 17.9 26.9

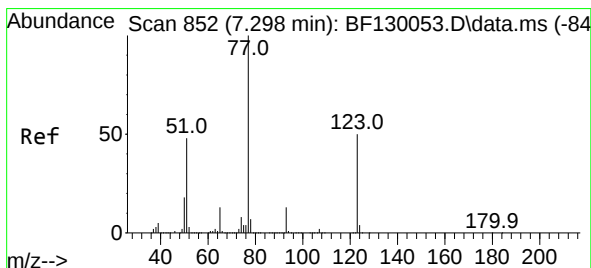
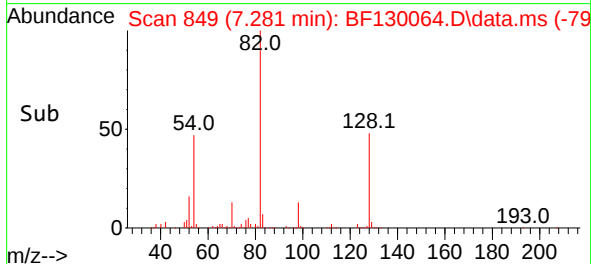
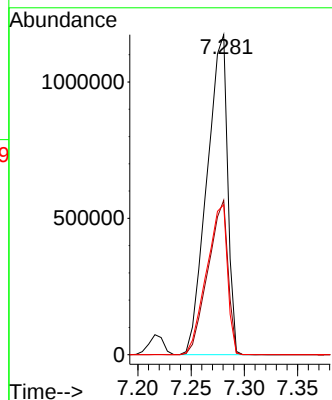
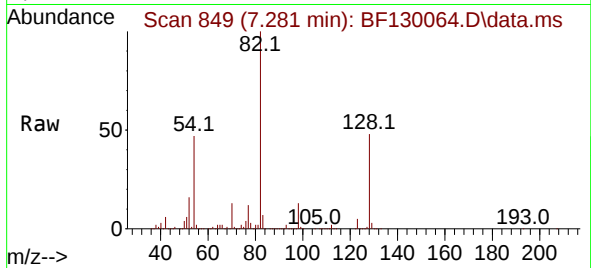




#23
Nitrobenzene-d5
Concen: 91.606 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

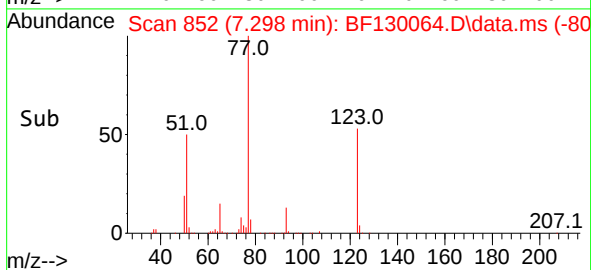
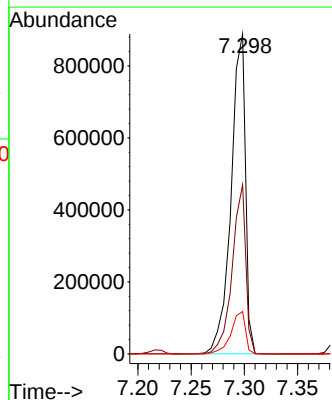
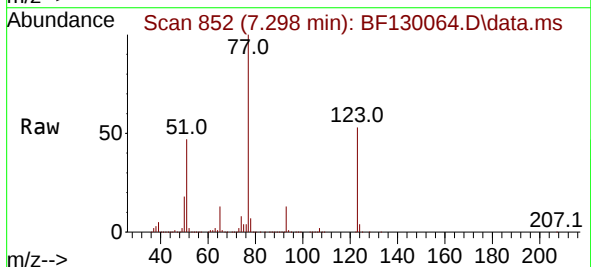
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

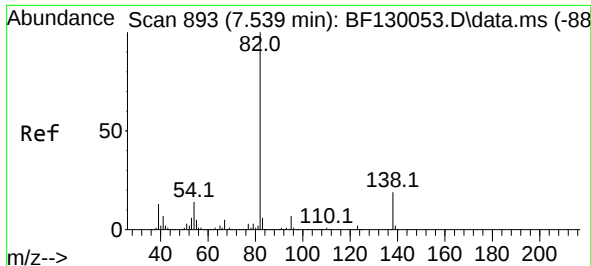
Tgt Ion: 82 Resp: 1577961
Ion Ratio Lower Upper
82 100
128 48.2 36.1 54.1
54 46.9 40.0 60.0



#24
Nitrobenzene
Concen: 45.734 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion: 77 Resp: 837830
Ion Ratio Lower Upper
77 100
123 52.8 39.2 58.8
65 13.2 11.1 16.7

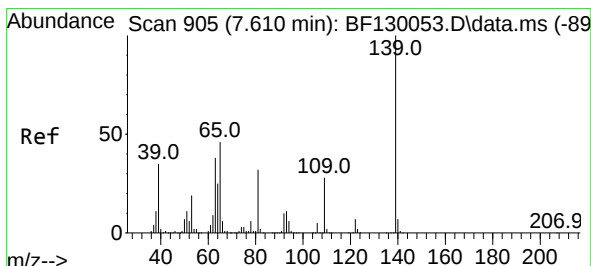
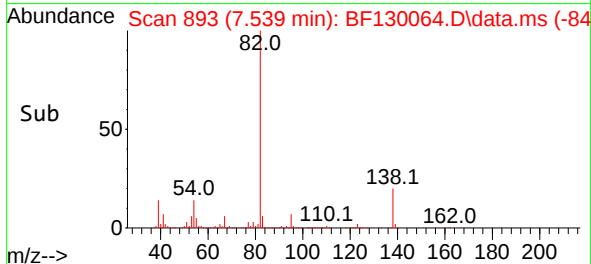
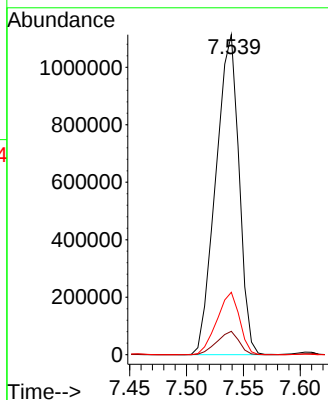
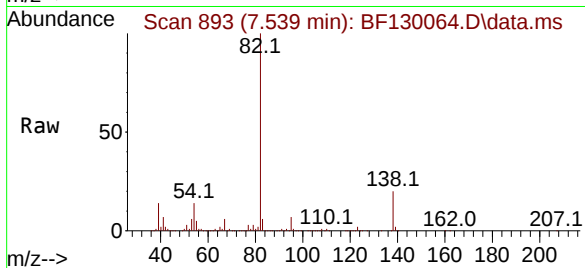




#25
Isophorone
Concen: 45.379 ng
RT: 7.539 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

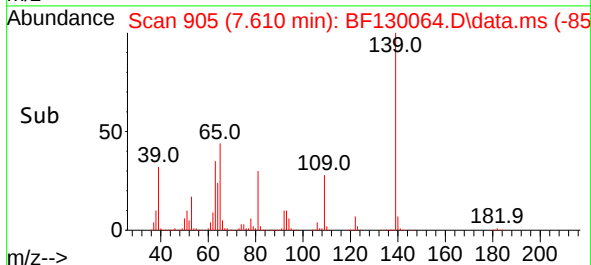
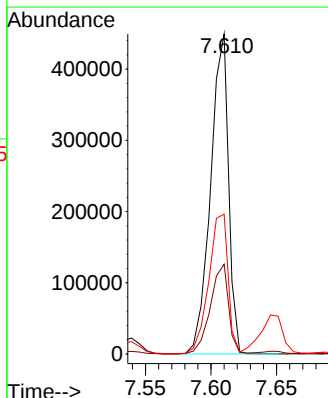
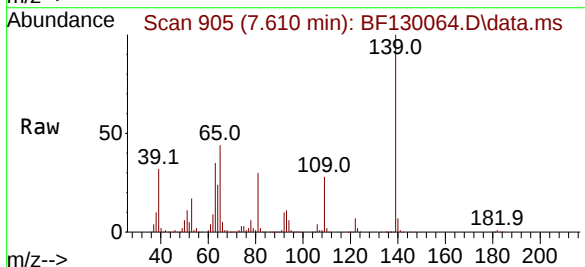
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

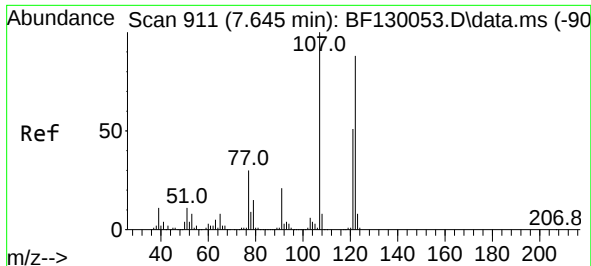
Tgt Ion: 82 Resp: 1582114
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 19.5 14.6 21.8



#26
2-Nitrophenol
Concen: 49.595 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:139 Resp: 427883
Ion Ratio Lower Upper
139 100
109 28.0 24.4 36.6
65 43.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 50.384 ng

RT: 7.651 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

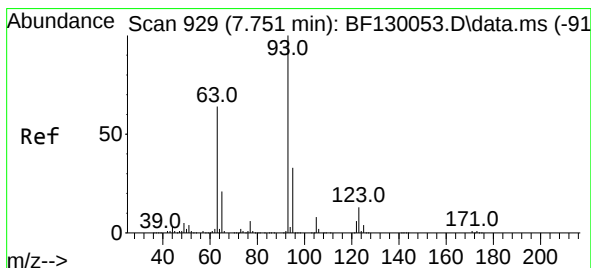
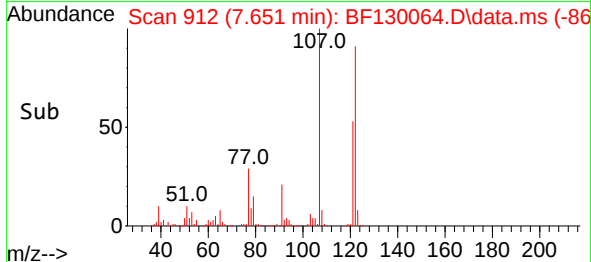
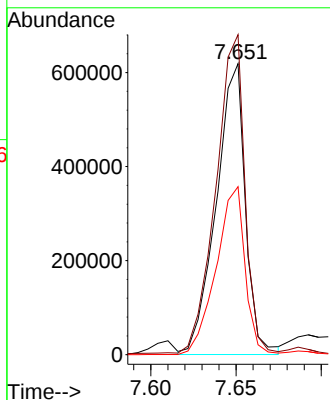
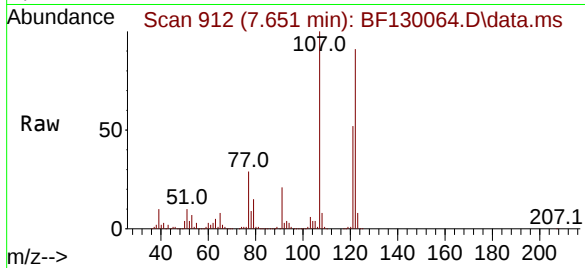
Tgt Ion:122 Resp: 737072

Ion Ratio Lower Upper

122 100

107 109.9 92.2 138.4

121 57.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.575 ng

RT: 7.751 min Scan# 929

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

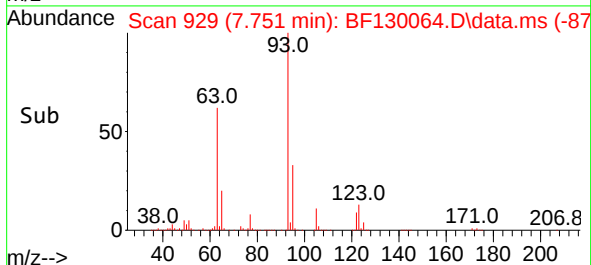
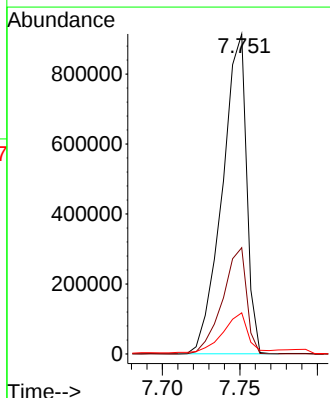
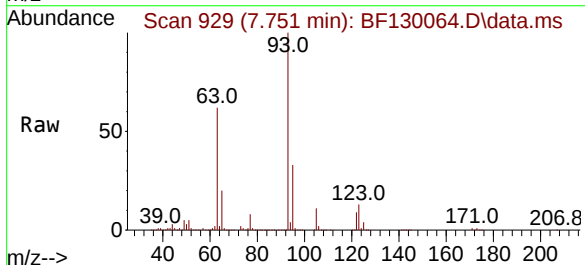
Tgt Ion: 93 Resp: 996369

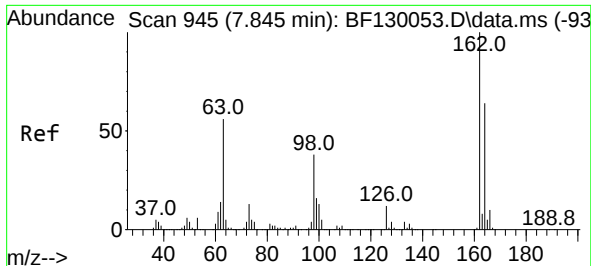
Ion Ratio Lower Upper

93 100

95 33.2 25.6 38.4

123 12.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 43.075 ng

RT: 7.845 min Scan# 945

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

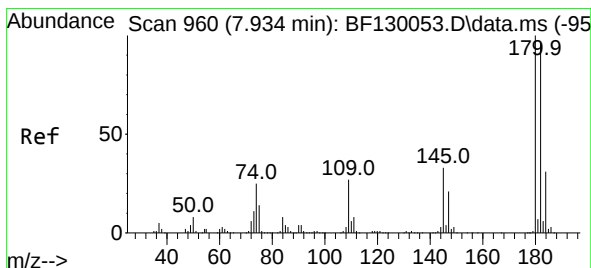
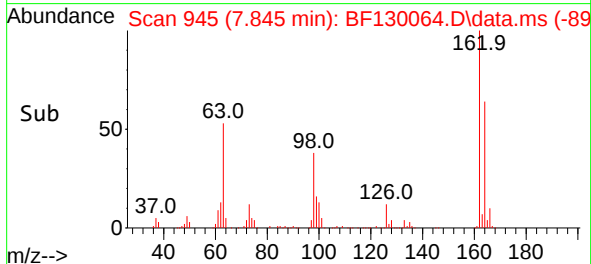
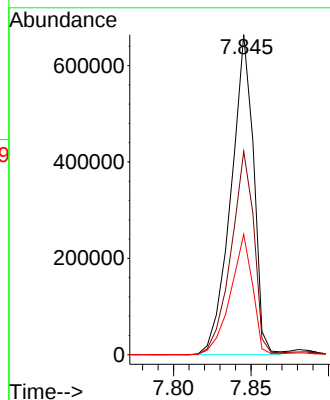
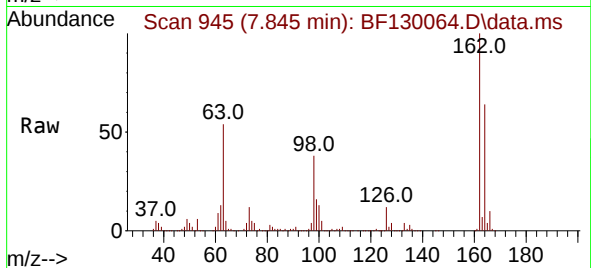
Tgt Ion:162 Resp: 674046

Ion Ratio Lower Upper

162 100

164 63.5 43.7 83.7

98 37.6 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 42.135 ng

RT: 7.928 min Scan# 959

Delta R.T. -0.006 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

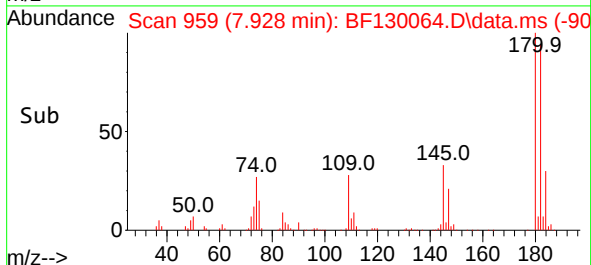
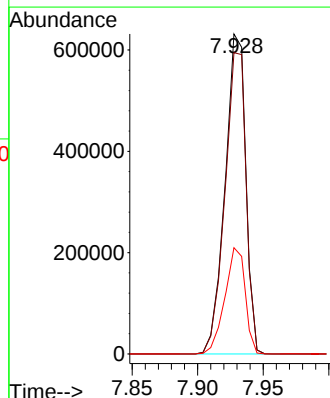
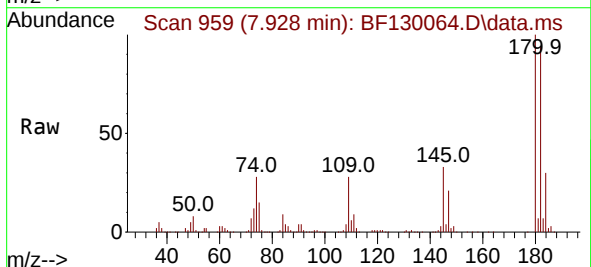
Tgt Ion:180 Resp: 695205

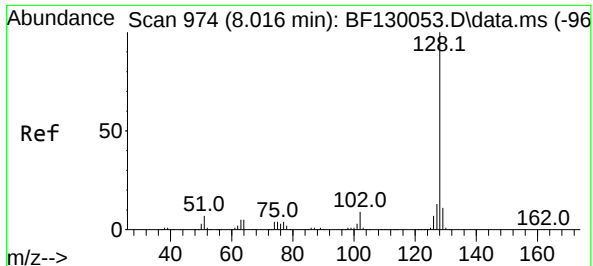
Ion Ratio Lower Upper

180 100

182 94.1 77.6 116.4

145 33.2 25.6 38.4

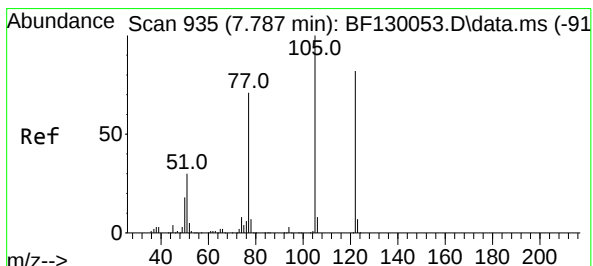
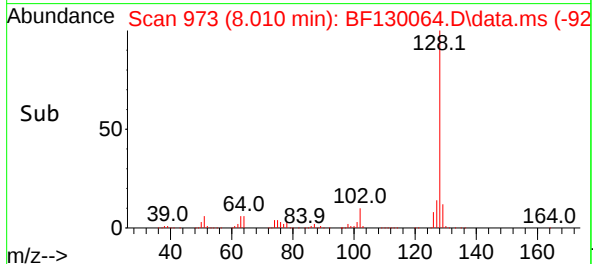
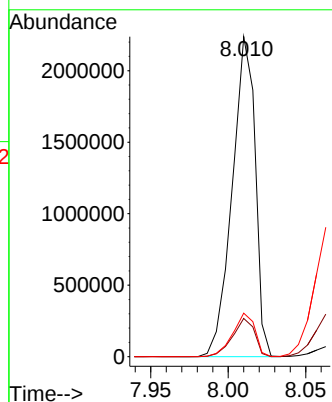
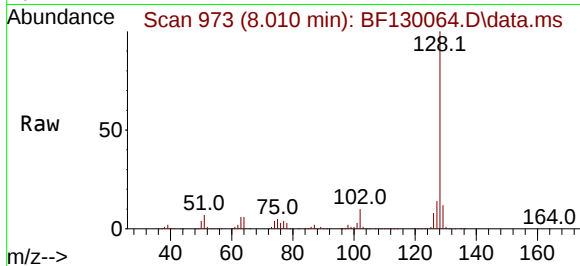




#31
Naphthalene
Concen: 41.331 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

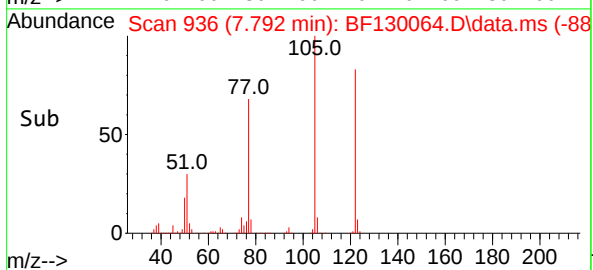
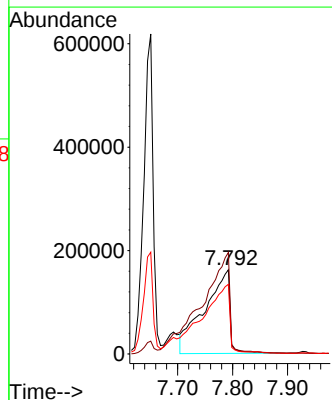
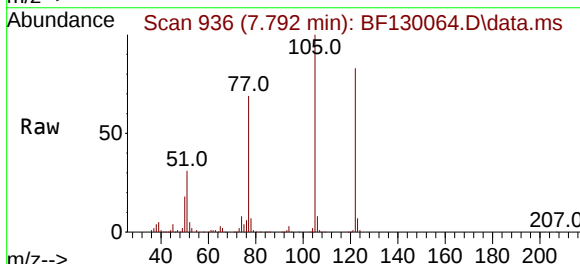
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

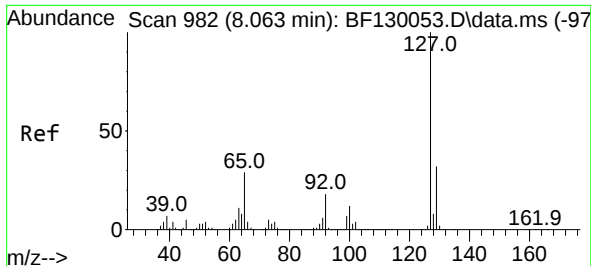
Tgt Ion:128 Resp: 2307622
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 44.523 ng
RT: 7.792 min Scan# 936
Delta R.T. 0.005 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:122 Resp: 525231
Ion Ratio Lower Upper
122 100
105 120.5 99.9 139.9
77 82.7 65.9 105.9

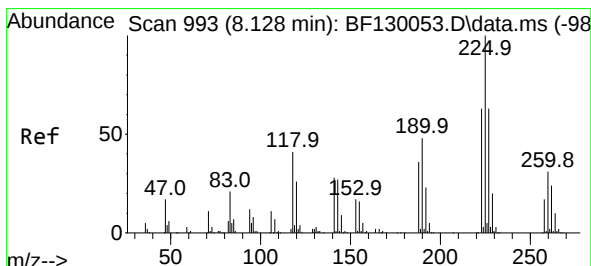
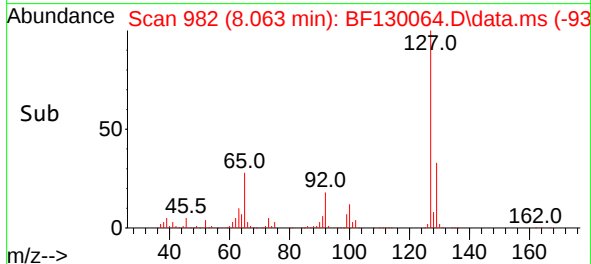
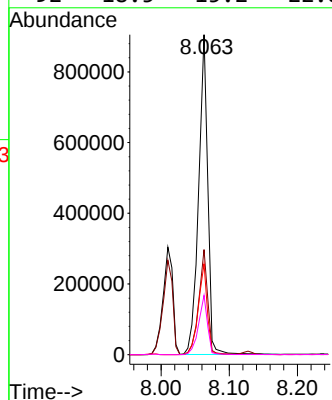
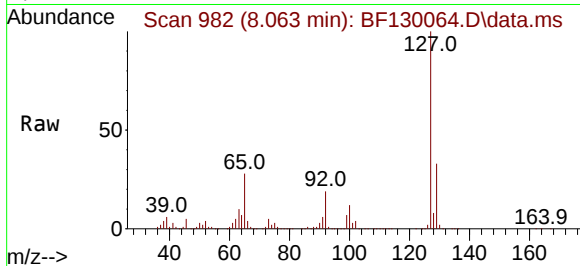




#33
4-Chloroaniline
Concen: 37.588 ng
RT: 8.063 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

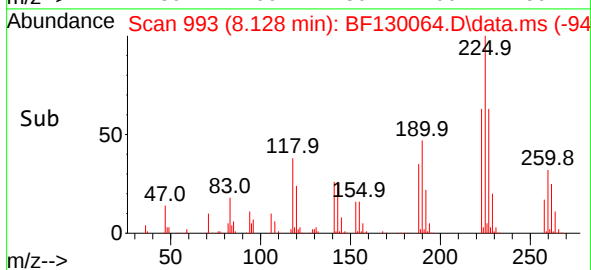
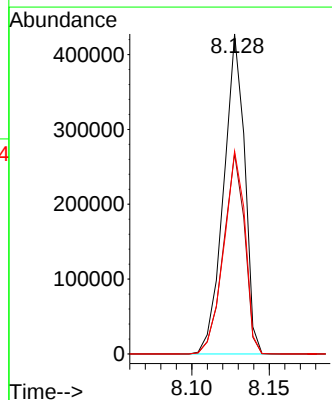
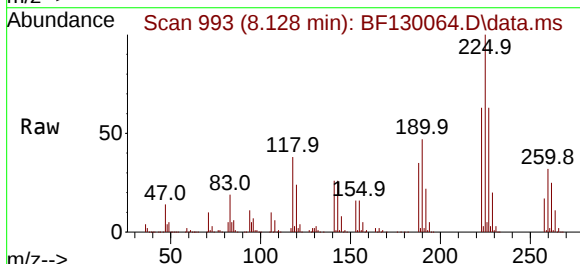
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

Tgt Ion:	127	Resp:	847877
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.7	40.1
65	28.4	24.2	36.2
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.592 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:	225	Resp:	402470
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	63.4	50.6	75.8

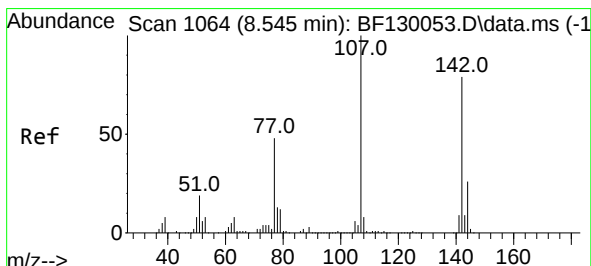
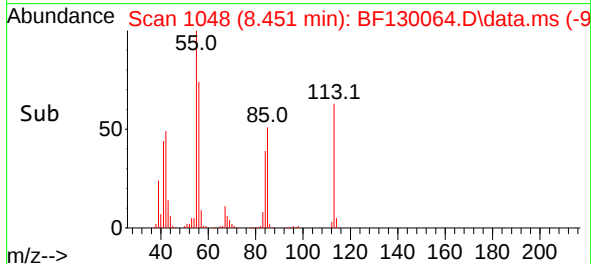
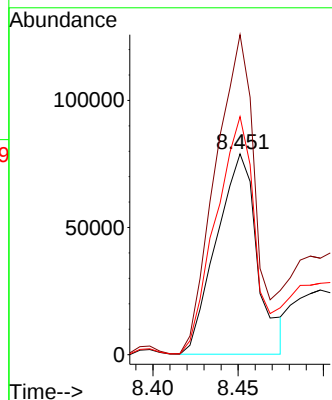
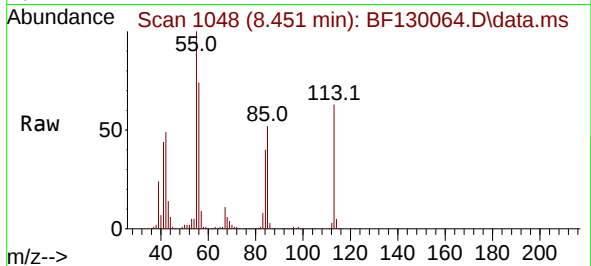




#35
 Caprolactam
 Concen: 27.145 ng
 RT: 8.451 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: BF130064.D
 Acq: 31 Aug 2022 22:14

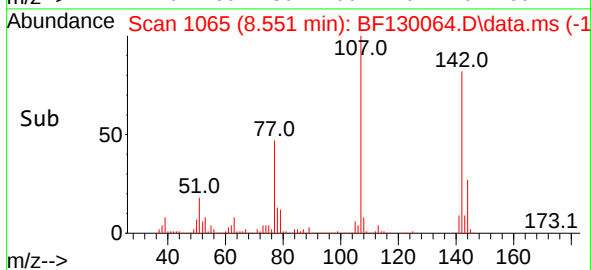
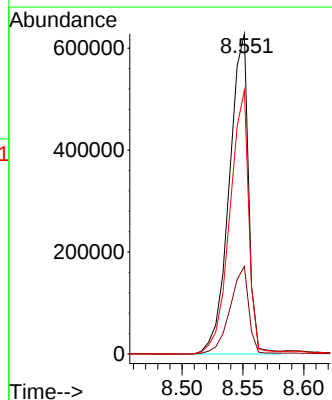
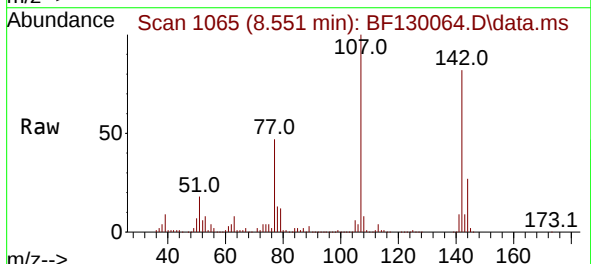
Instrument :
 BNA_F
 ClientSampleId :
 PB147308BSD

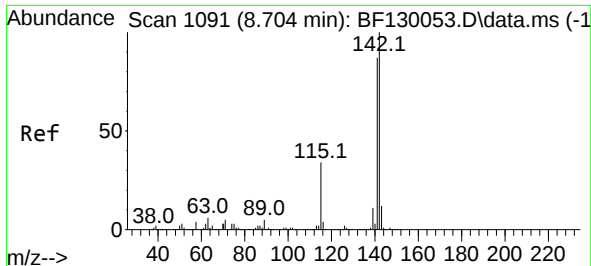
Tgt Ion:113 Resp: 131629
 Ion Ratio Lower Upper
 113 100
 55 159.3 148.8 188.8
 56 118.5 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.576 ng
 RT: 8.551 min Scan# 1065
 Delta R.T. 0.006 min
 Lab File: BF130064.D
 Acq: 31 Aug 2022 22:14

Tgt Ion:107 Resp: 689998
 Ion Ratio Lower Upper
 107 100
 144 27.3 19.9 29.9
 142 82.4 60.2 90.4





#37

2-Methylnaphthalene

Concen: 41.326 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

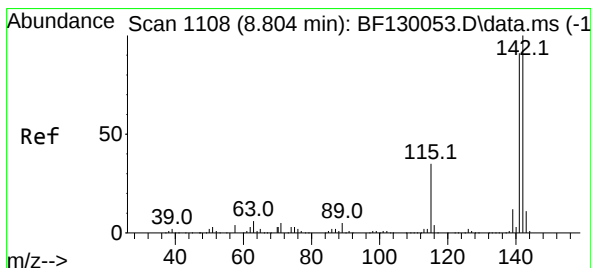
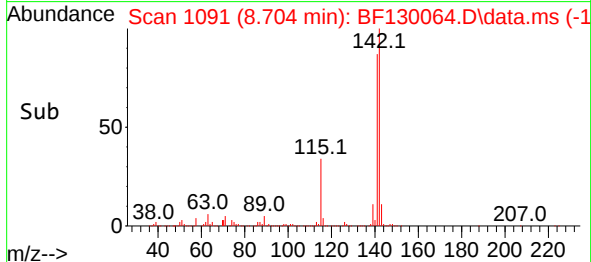
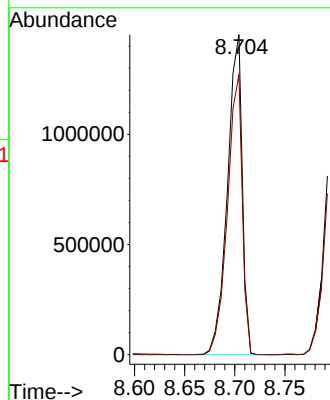
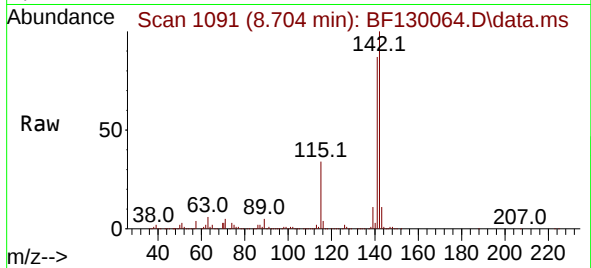
PB147308BSD

Tgt Ion:142 Resp: 1486324

Ion Ratio Lower Upper

142 100

141 87.4 70.9 106.3



#38

1-Methylnaphthalene

Concen: 41.031 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130064.D

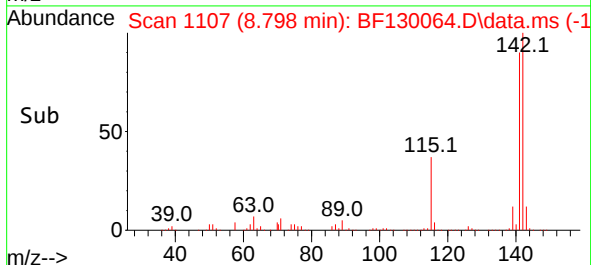
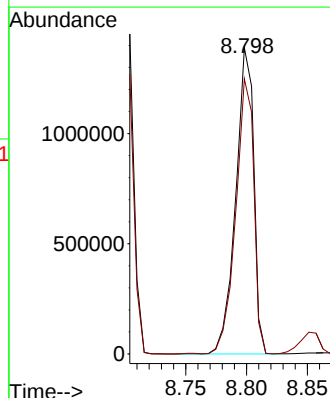
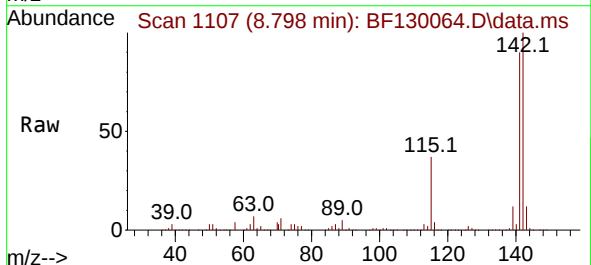
Acq: 31 Aug 2022 22:14

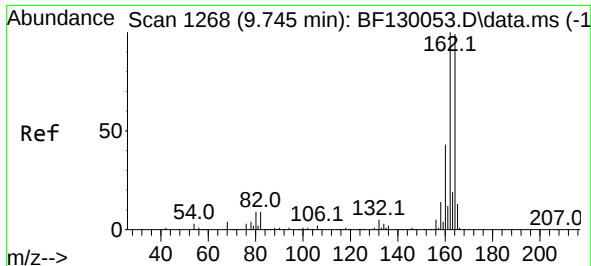
Tgt Ion:142 Resp: 1434392

Ion Ratio Lower Upper

142 100

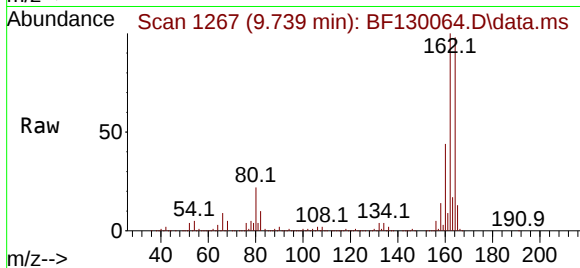
141 89.9 73.5 110.3



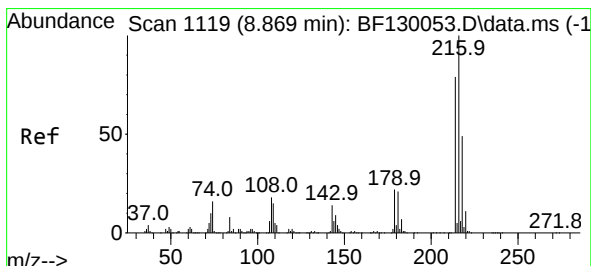
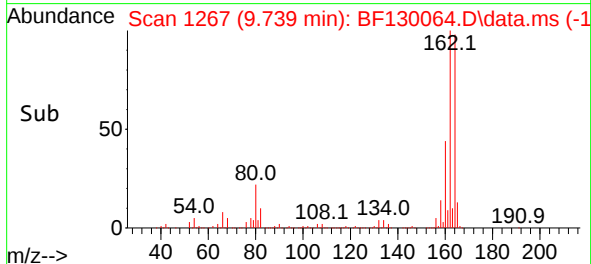
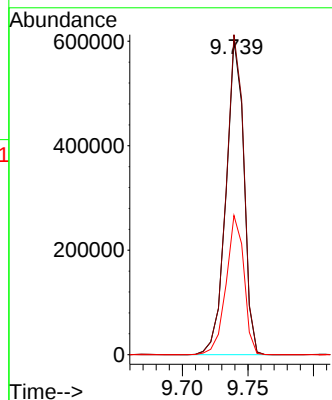


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Instrument :
BNA_F
ClientSampleId :
PB147308BSD

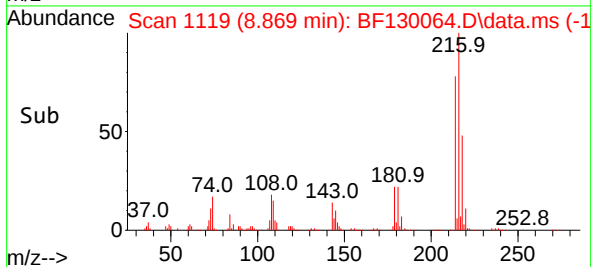
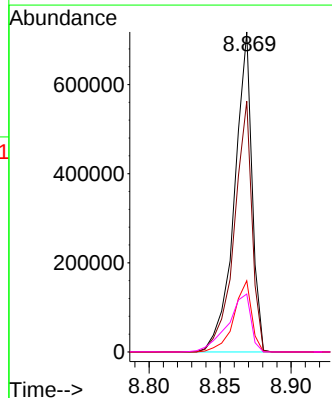
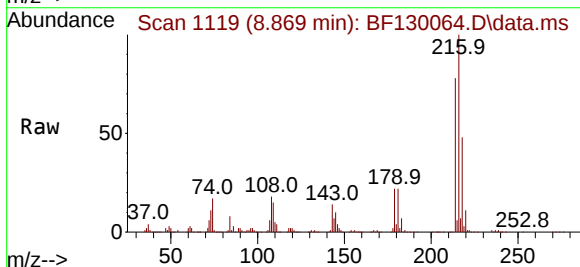


Tgt Ion:164 Resp: 568581
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 44.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.811 ng
RT: 8.869 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:216 Resp: 619905
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 22.5 18.1 27.1
108 23.9 15.9 23.9

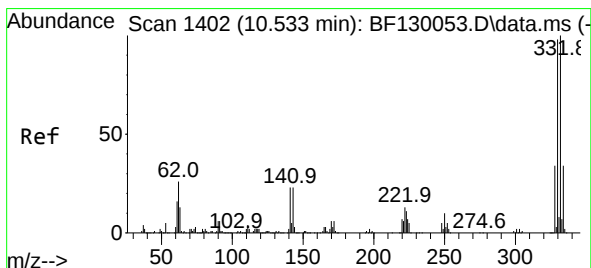
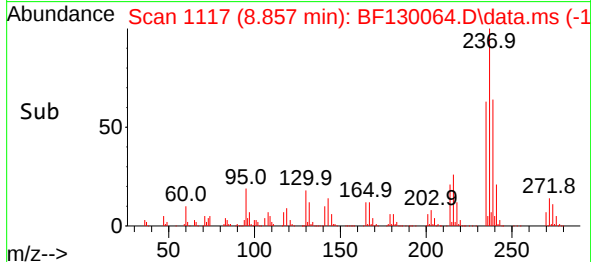
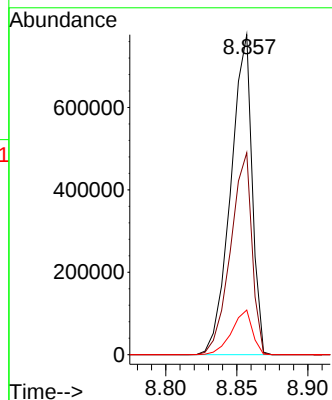
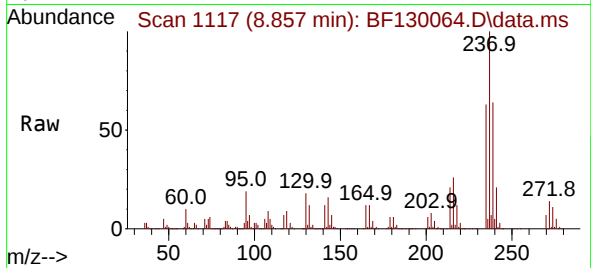




#41
Hexachlorocyclopentadiene
Concen: 104.743 ng
RT: 8.857 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

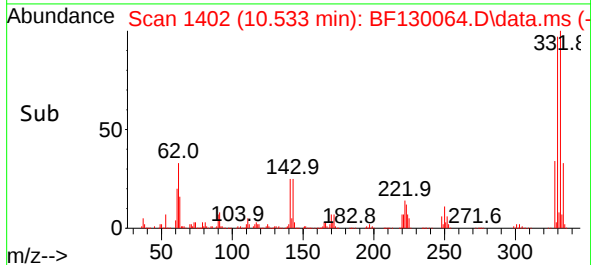
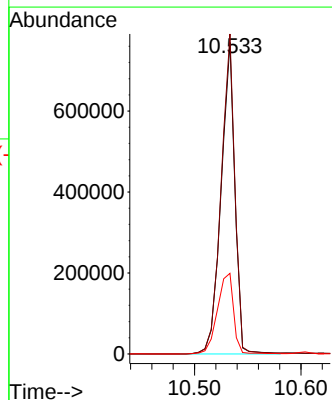
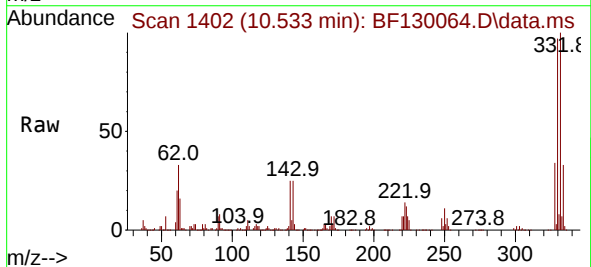
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

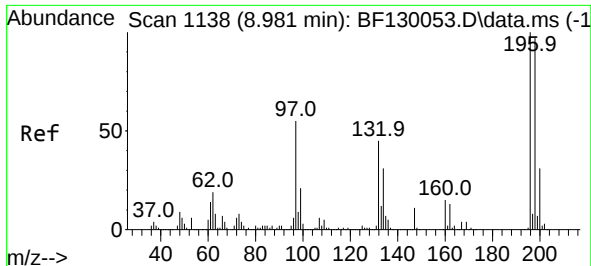
Tgt Ion:237 Resp: 811593
Ion Ratio Lower Upper
237 100
235 63.1 41.5 81.5
272 14.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 133.462 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:330 Resp: 690757
Ion Ratio Lower Upper
330 100
332 104.2 82.6 124.0
141 30.5 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 42.016 ng

RT: 8.980 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

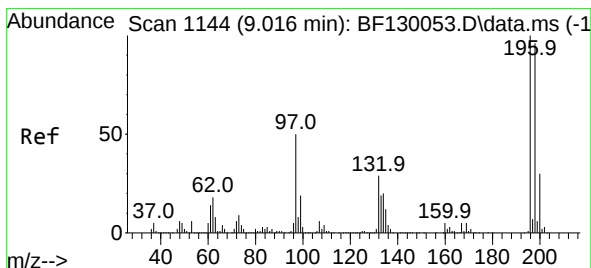
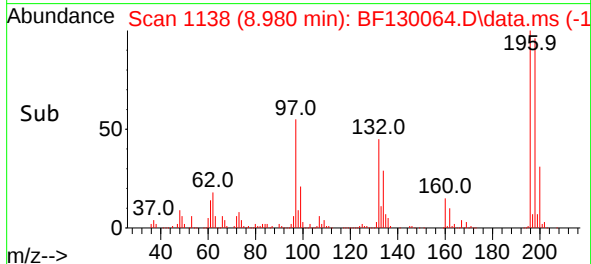
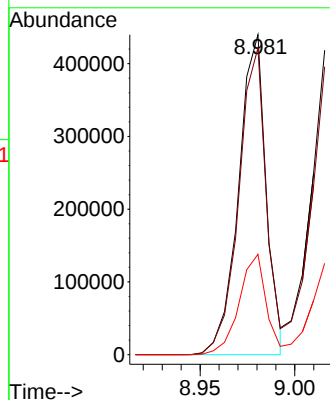
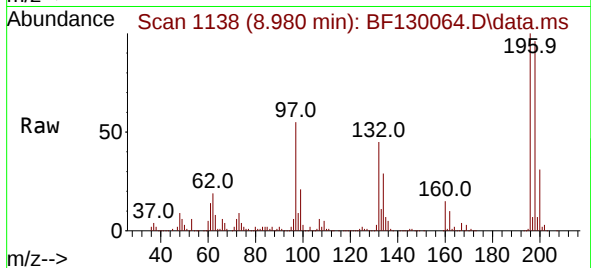
Tgt Ion:196 Resp: 444661

Ion Ratio Lower Upper

196 100

198 95.9 79.0 118.4

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 45.615 ng

RT: 9.016 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Tgt Ion:196 Resp: 523243

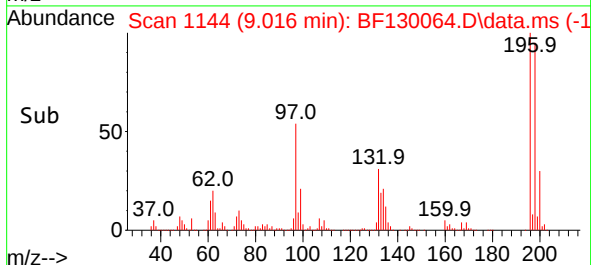
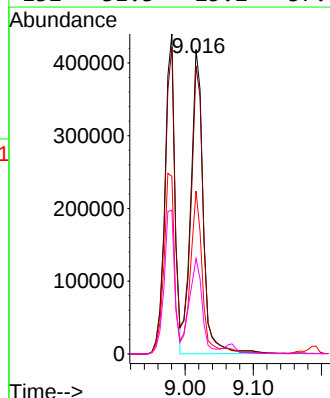
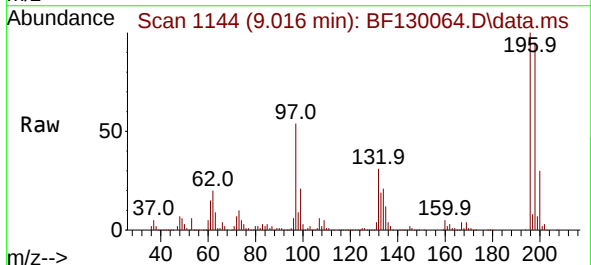
Ion Ratio Lower Upper

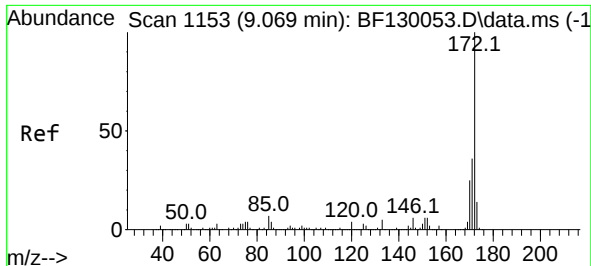
196 100

198 94.6 76.4 114.6

97 53.5 46.5 69.7

132 31.3 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 78.109 ng

RT: 9.069 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

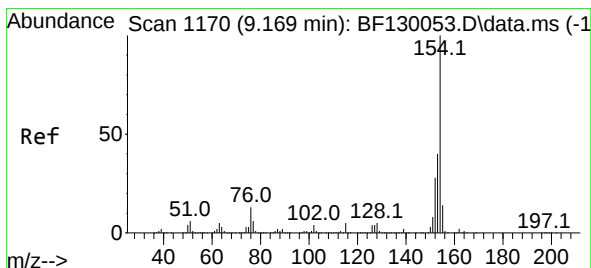
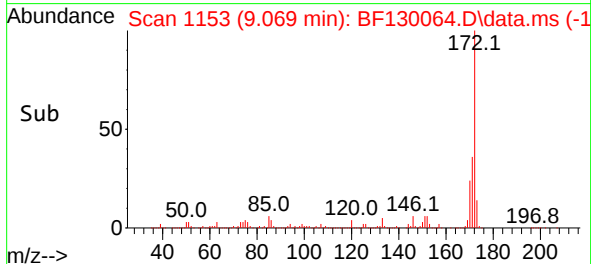
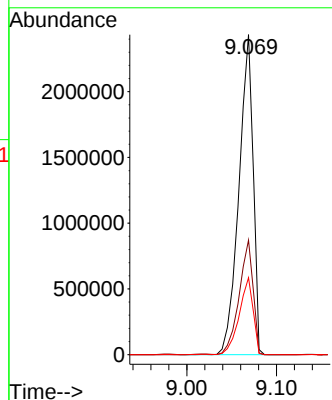
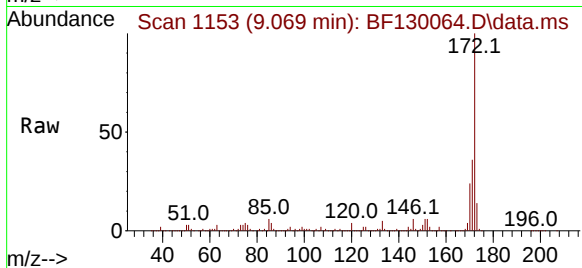
Tgt Ion:172 Resp: 2678668

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.879 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

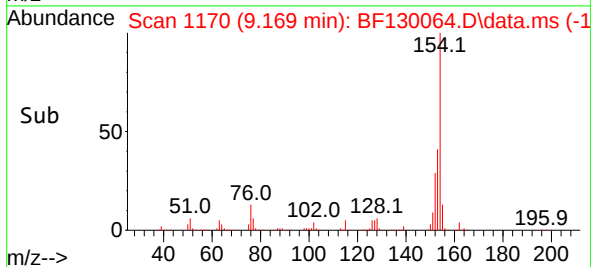
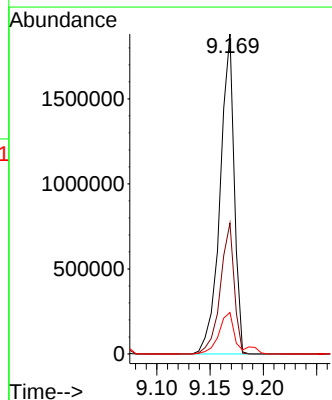
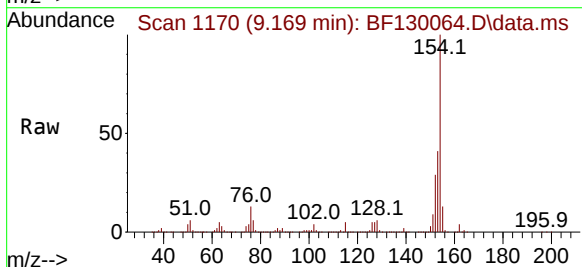
Tgt Ion:154 Resp: 1729934

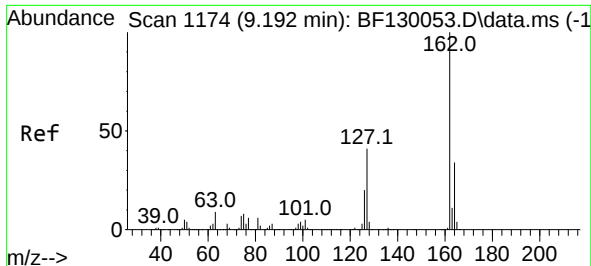
Ion Ratio Lower Upper

154 100

153 40.9 20.2 60.2

76 12.9 0.0 32.1

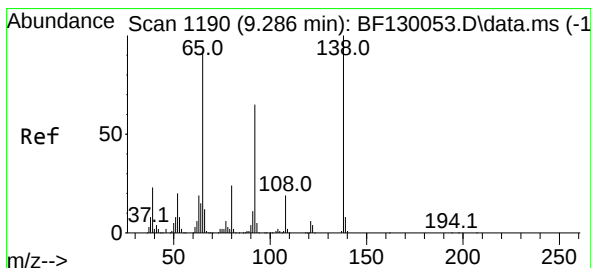
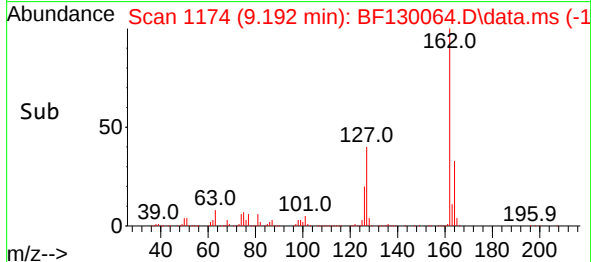
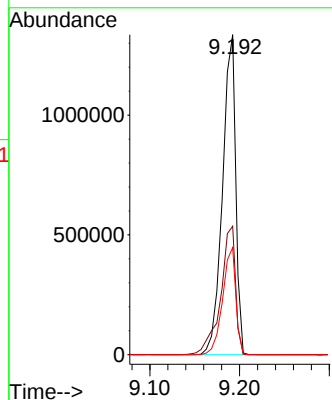
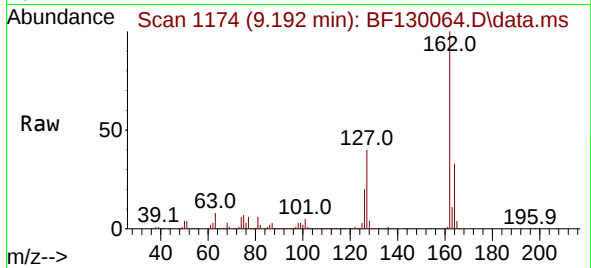




#47
2-Chloronaphthalene
Concen: 41.255 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

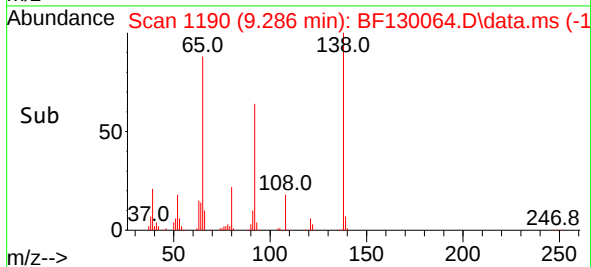
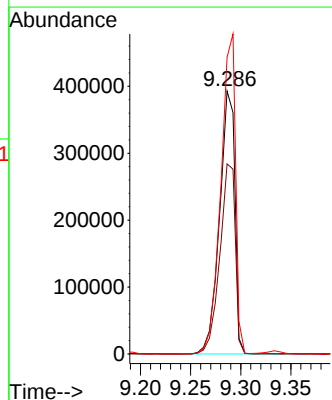
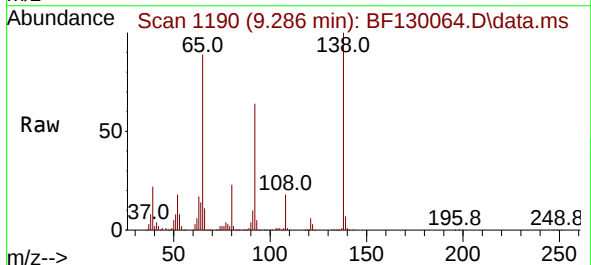
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

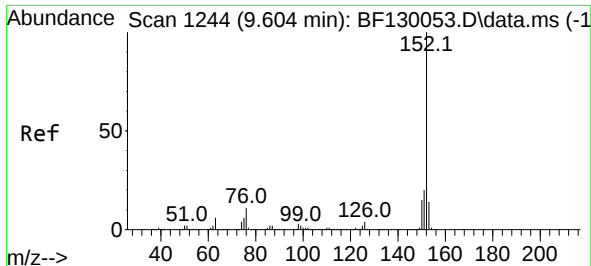
Tgt Ion:162 Resp: 1365434
Ion Ratio Lower Upper
162 100
127 40.1 33.1 49.7
164 33.5 26.7 40.1



#48
2-Nitroaniline
Concen: 51.054 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion: 65 Resp: 416396
Ion Ratio Lower Upper
65 100
92 72.3 55.0 82.4
138 112.8 81.3 121.9

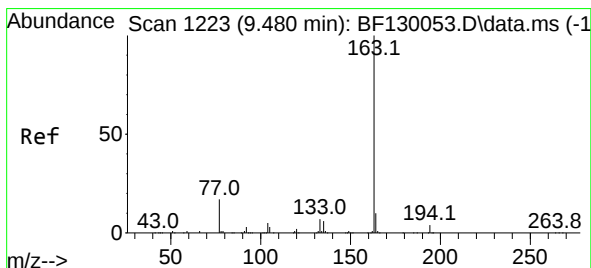
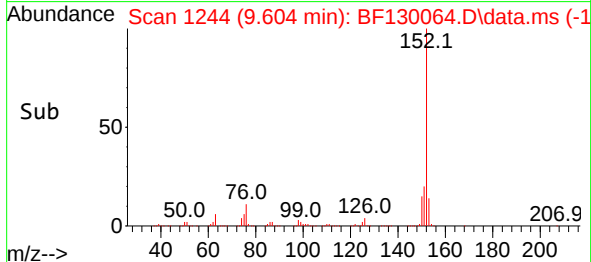
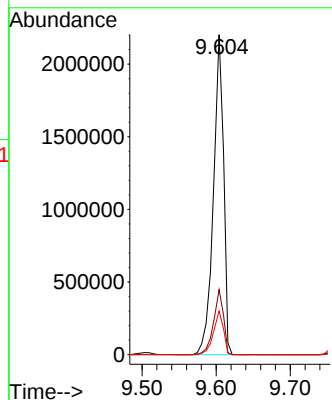
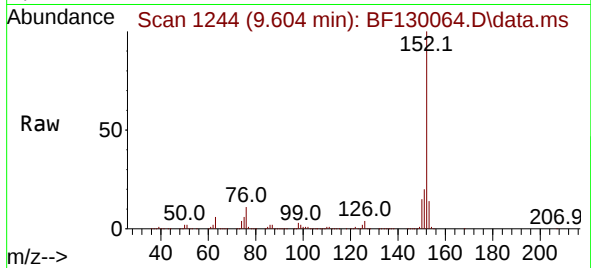




#49
Acenaphthylene
Concen: 41.516 ng
RT: 9.604 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

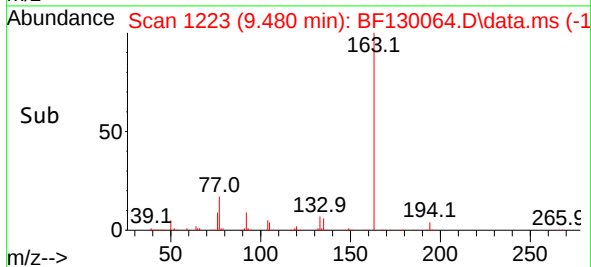
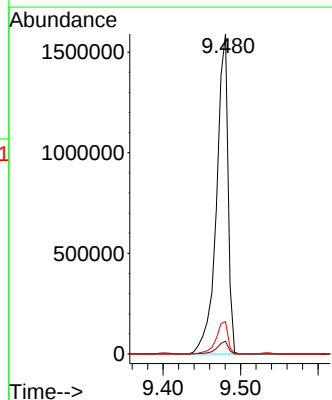
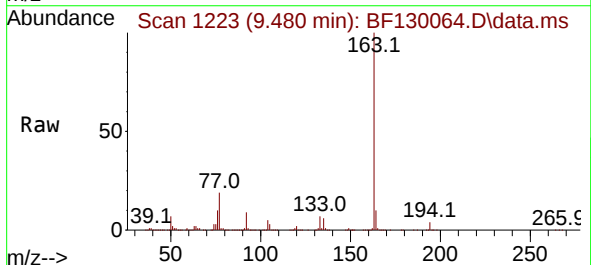
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

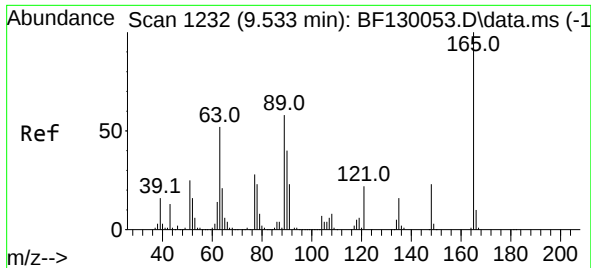
Tgt Ion:152 Resp: 2086569
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.7 10.6 16.0



#50
Dimethylphthalate
Concen: 42.357 ng
RT: 9.480 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:163 Resp: 1640362
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.2

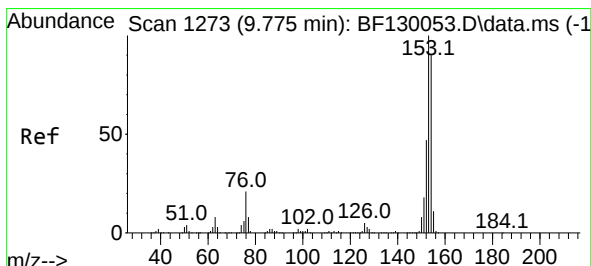
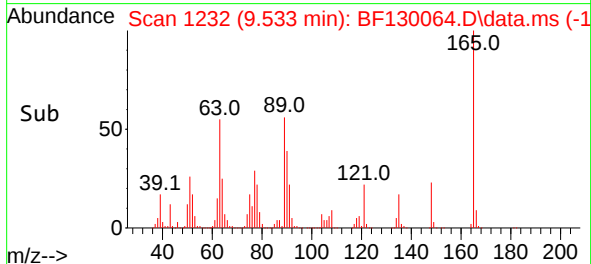
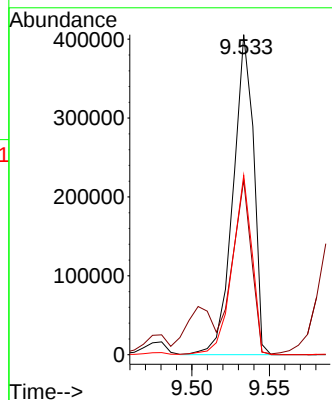
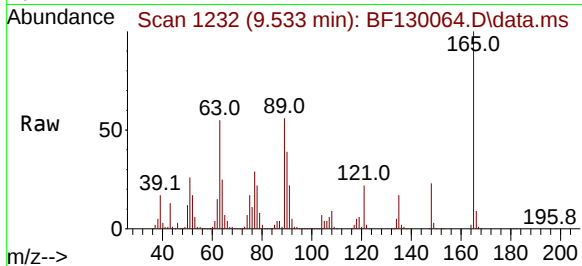




#51
2,6-Dinitrotoluene
Concen: 49.489 ng
RT: 9.533 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

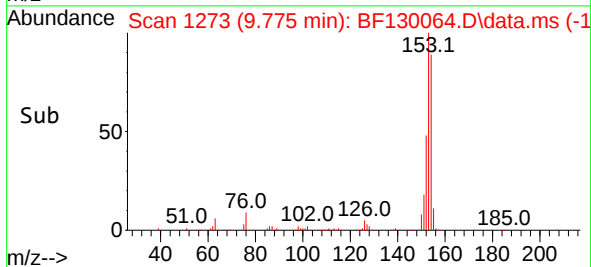
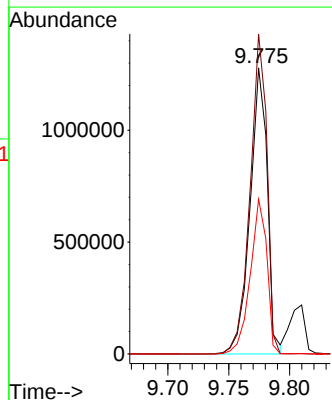
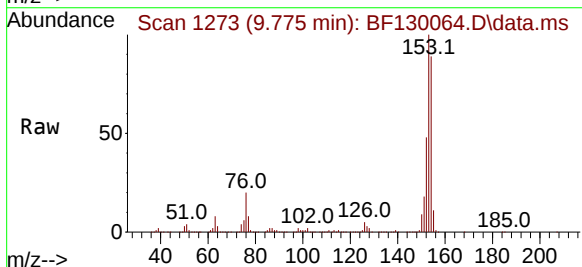
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

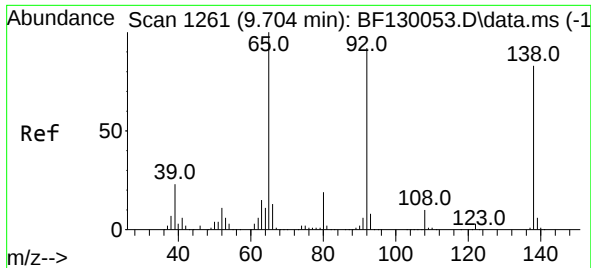
Tgt Ion:165 Resp: 373672
Ion Ratio Lower Upper
165 100
63 54.6 47.8 71.8
89 56.1 47.2 70.8



#52
Acenaphthene
Concen: 39.671 ng
RT: 9.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:154 Resp: 1256571
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 54.1 42.1 63.1

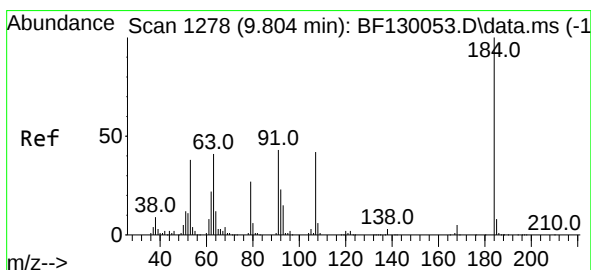
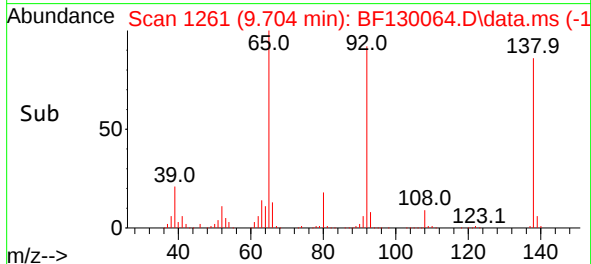
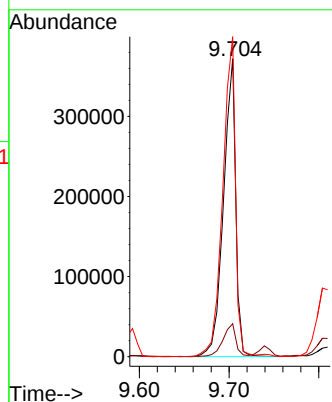
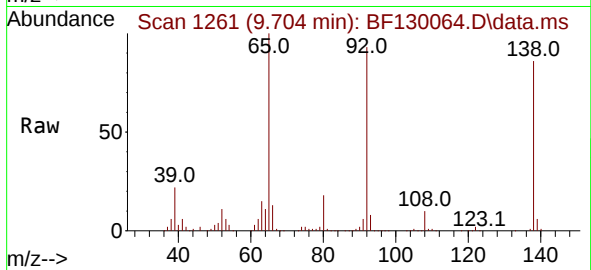




#53
3-Nitroaniline
Concen: 40.623 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

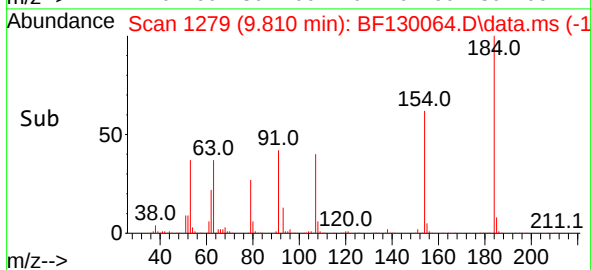
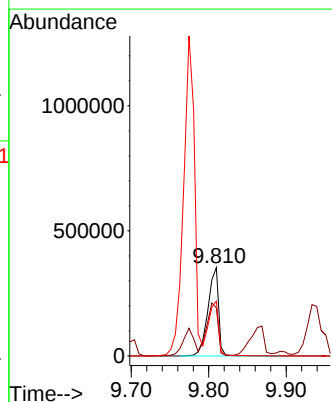
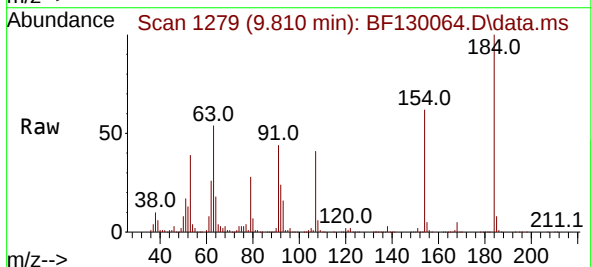
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

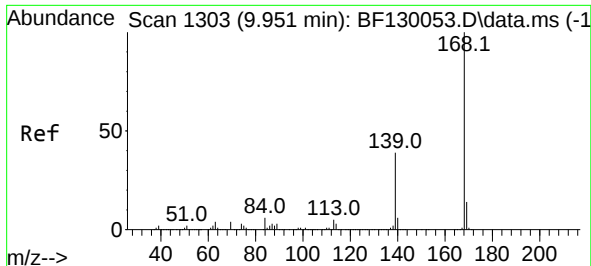
Tgt Ion:138 Resp: 352062
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 107.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 96.599 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:184 Resp: 337542
Ion Ratio Lower Upper
184 100
63 54.2 59.6 89.4#
154 61.9 55.3 82.9

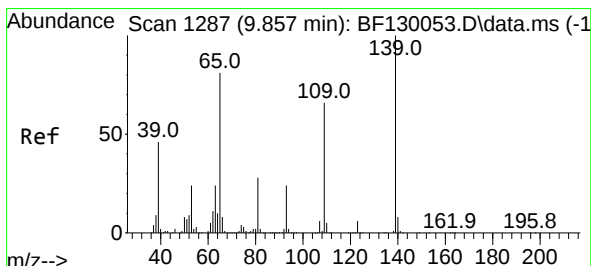
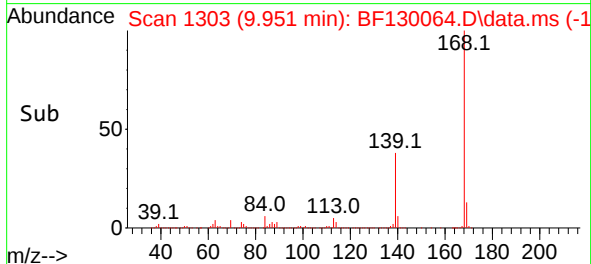
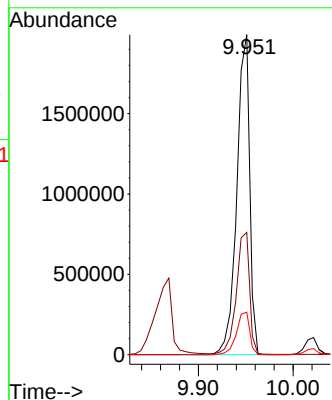
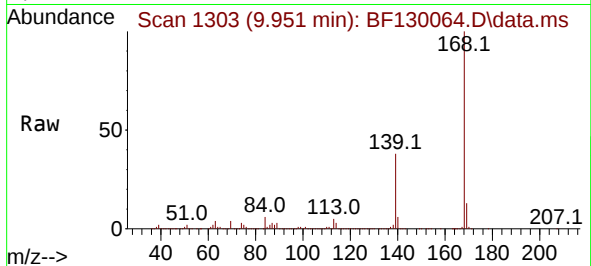




#55
Dibenzofuran
Concen: 41.233 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

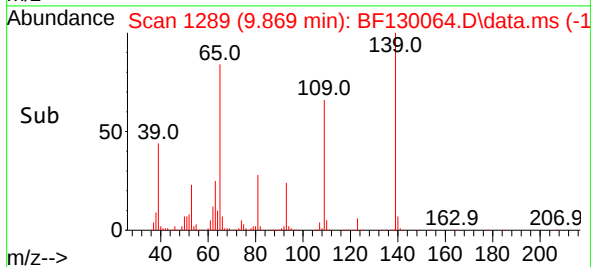
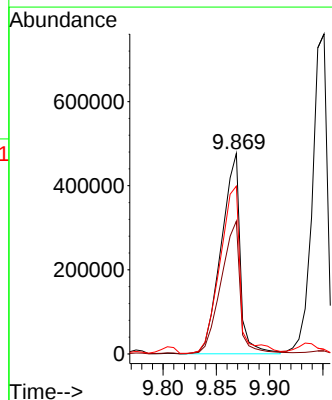
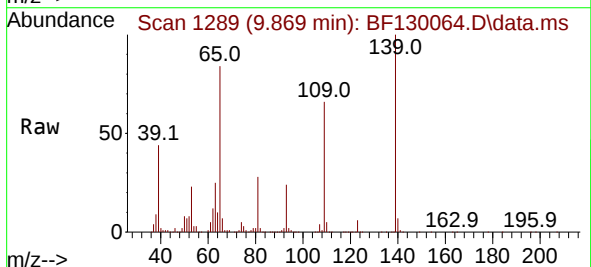
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

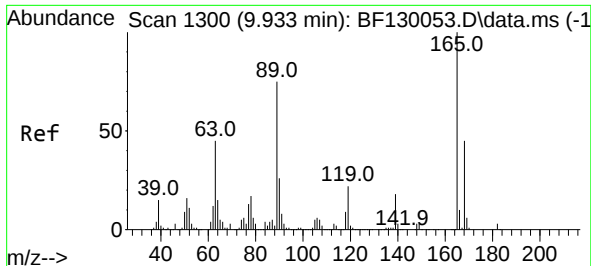
Tgt Ion:168 Resp: 1870147
Ion Ratio Lower Upper
168 100
139 38.2 31.3 46.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 88.667 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.012 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:139 Resp: 592436
Ion Ratio Lower Upper
139 100
109 66.2 52.9 92.9
65 83.7 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 52.470 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

Tgt Ion:165 Resp: 456131

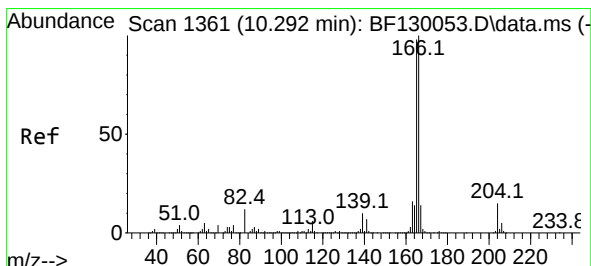
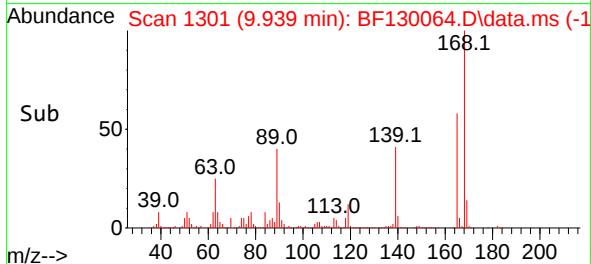
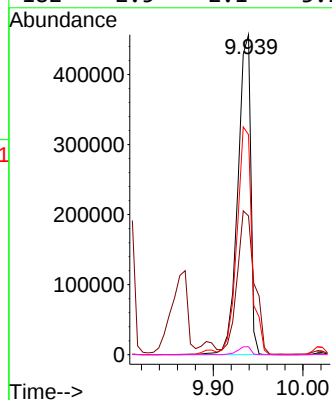
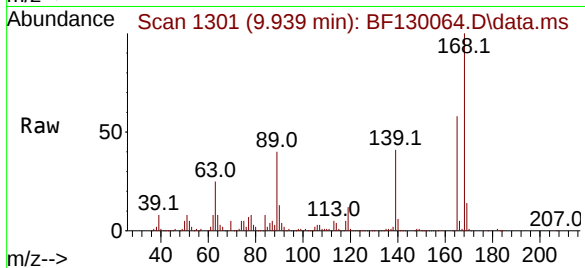
Ion Ratio Lower Upper

165 100

63 43.3 48.4 72.6#

89 68.8 62.3 93.5

182 2.5 2.1 3.1



#58

Fluorene

Concen: 39.477 ng

RT: 10.292 min Scan# 1361

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

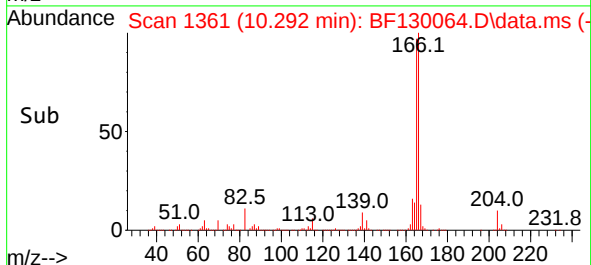
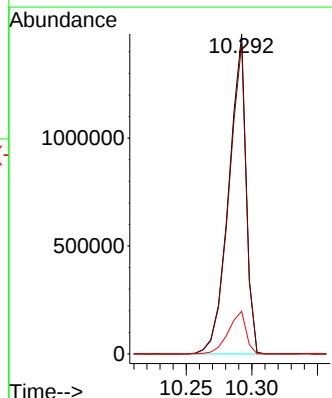
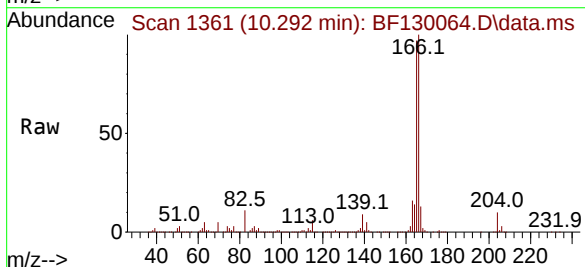
Tgt Ion:166 Resp: 1362385

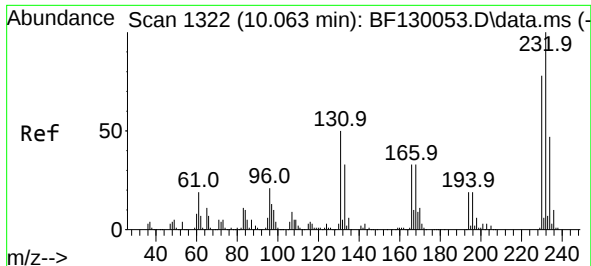
Ion Ratio Lower Upper

166 100

165 97.0 77.9 116.9

167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.578 ng

RT: 10.063 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

Tgt Ion:232 Resp: 379335

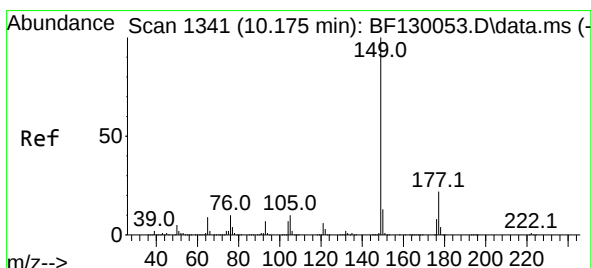
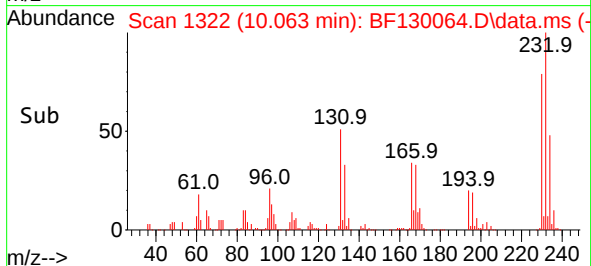
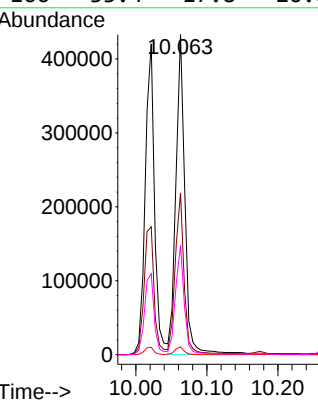
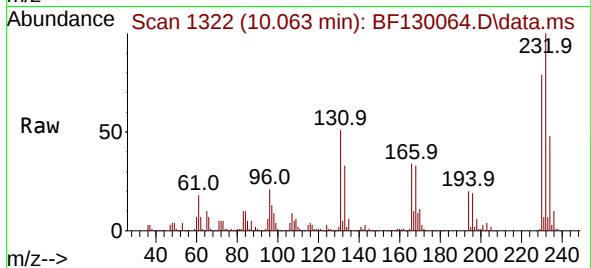
Ion Ratio Lower Upper

232 100

131 49.6 29.9 44.9#

130 2.5 1.5 2.3#

166 33.4 17.8 26.8#



#60

Diethylphthalate

Concen: 42.651 ng

RT: 10.175 min Scan# 1341

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

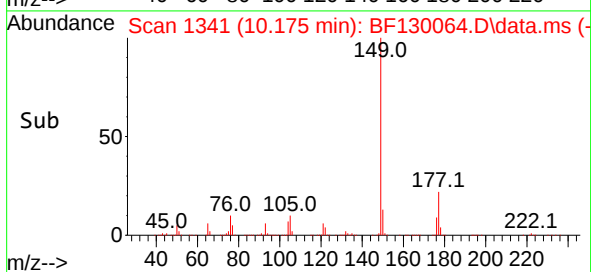
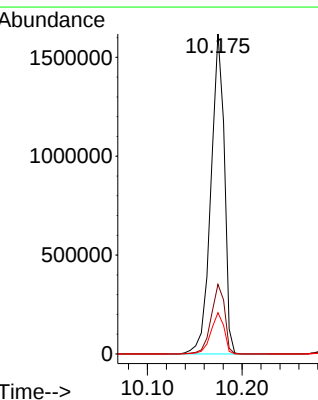
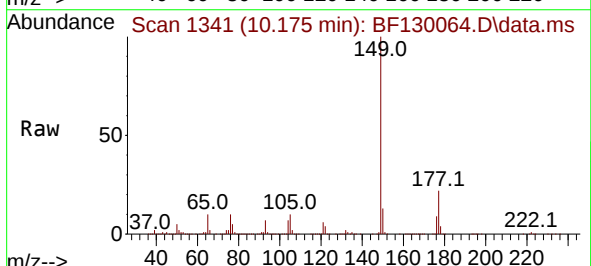
Tgt Ion:149 Resp: 1597949

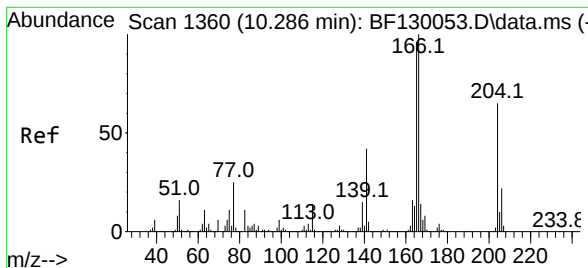
Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

150 12.9 10.1 15.1

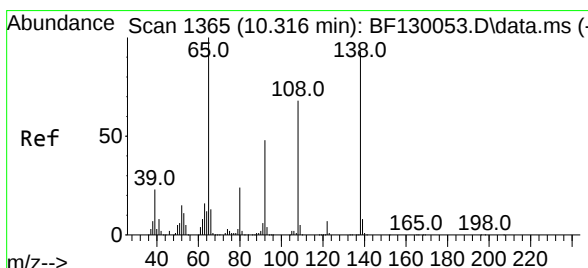
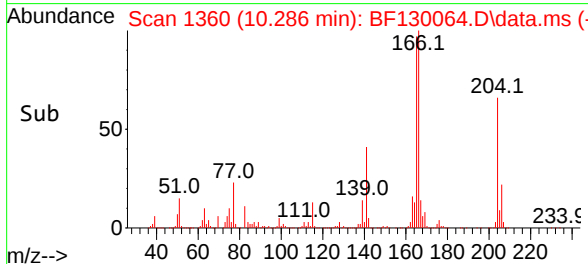
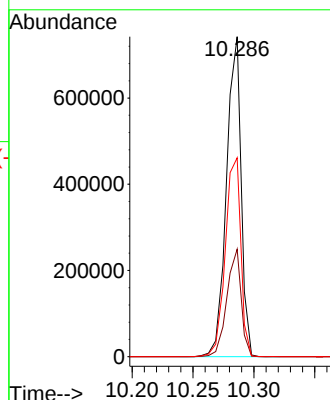
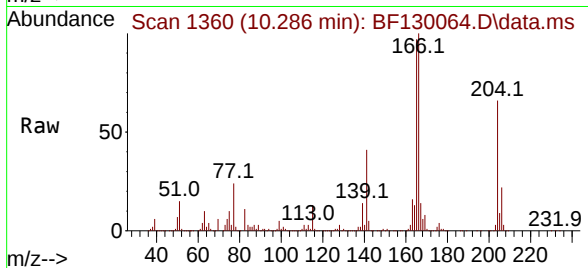




#61
4-Chlorophenyl-phenylether
Concen: 40.850 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

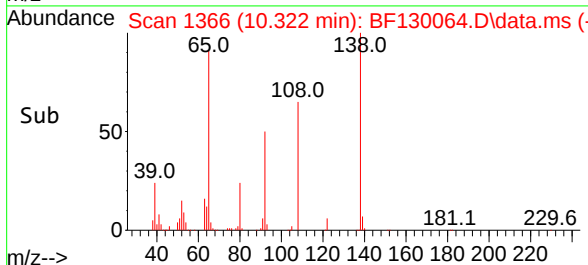
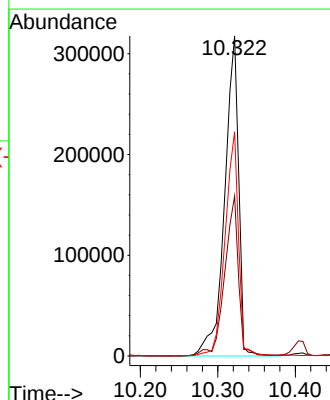
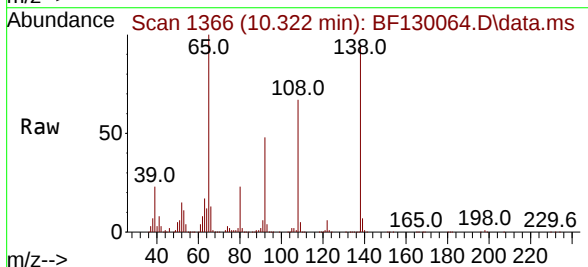
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

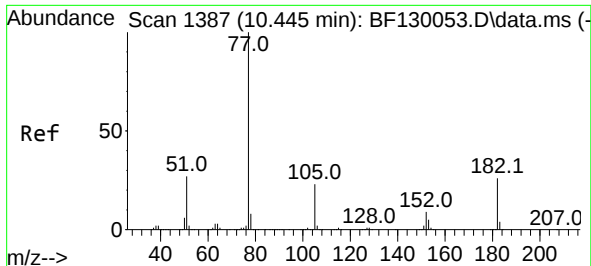
Tgt Ion:204 Resp: 623197
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 62.2 52.6 79.0



#62
4-Nitroaniline
Concen: 47.264 ng
RT: 10.322 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:138 Resp: 398372
Ion Ratio Lower Upper
138 100
92 49.9 30.3 70.3
108 70.1 55.7 95.7

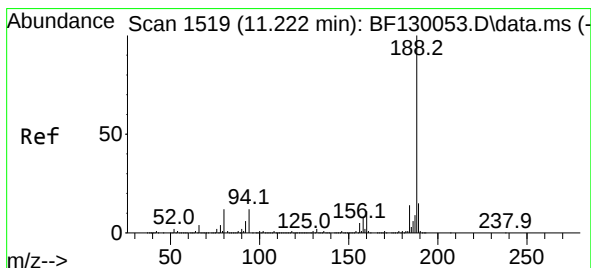
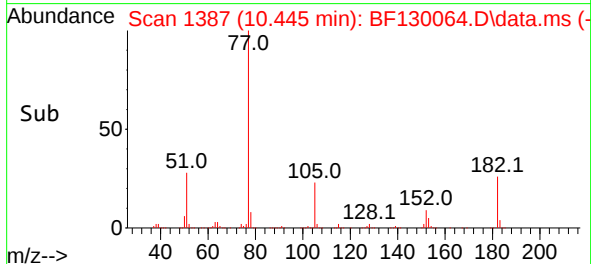
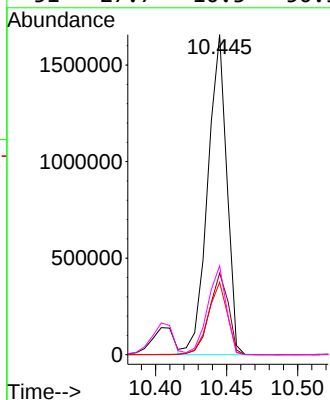
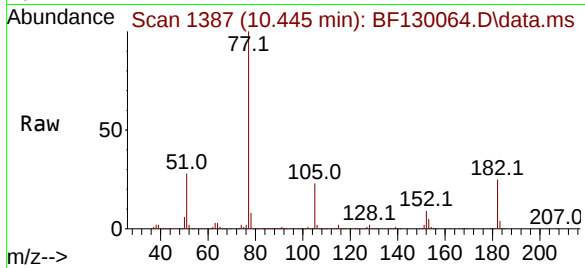




#63
Azobenzene
Concen: 41.637 ng
RT: 10.445 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

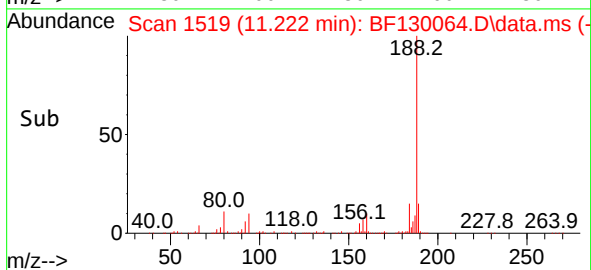
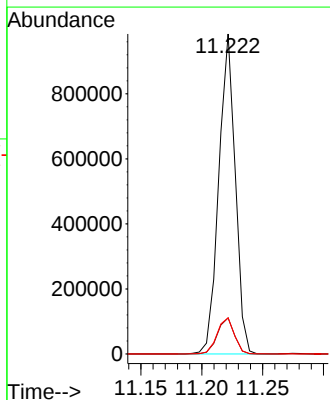
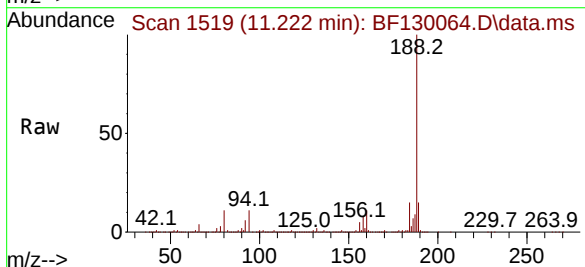
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

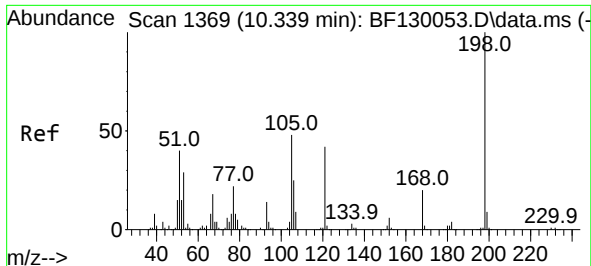
Tgt Ion: 77 Resp: 1535906
Ion Ratio Lower Upper
77 100
182 25.5 2.2 42.2
105 22.6 0.8 40.8
51 27.7 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion: 188 Resp: 928041
Ion Ratio Lower Upper
188 100
94 11.3 7.4 11.2#
80 11.3 7.9 11.9

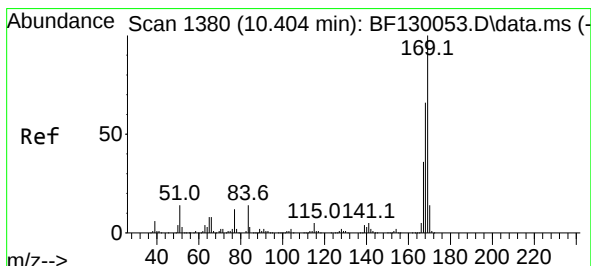
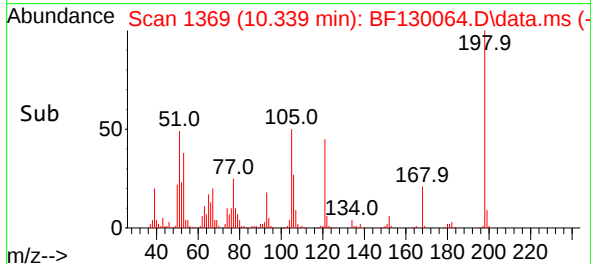
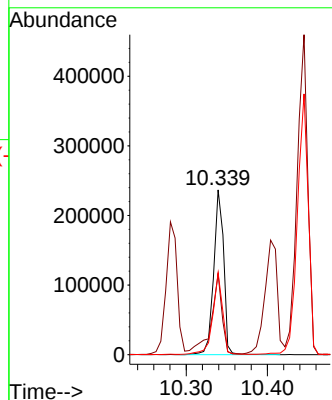
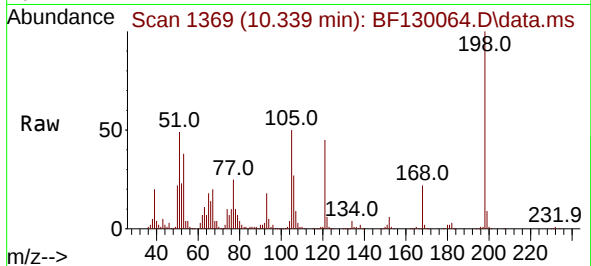




#65
4,6-Dinitro-2-methylphenol
Concen: 46.180 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

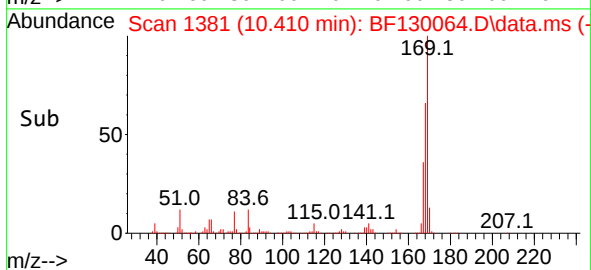
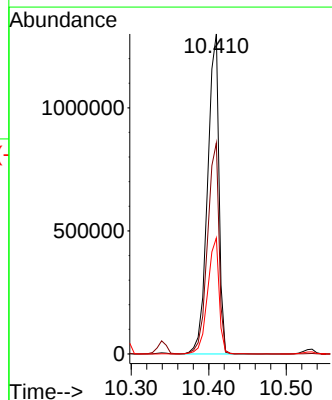
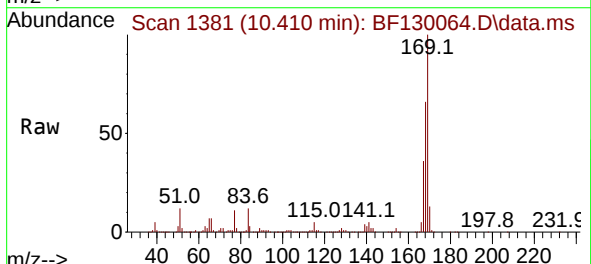
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

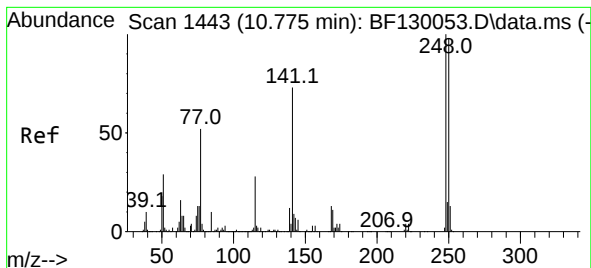
Tgt Ion:198 Resp: 200612
Ion Ratio Lower Upper
198 100
51 48.9 29.4 69.4
105 49.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.536 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:169 Resp: 1319621
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 36.2 29.1 43.7

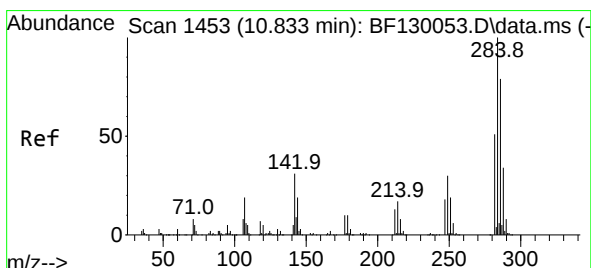
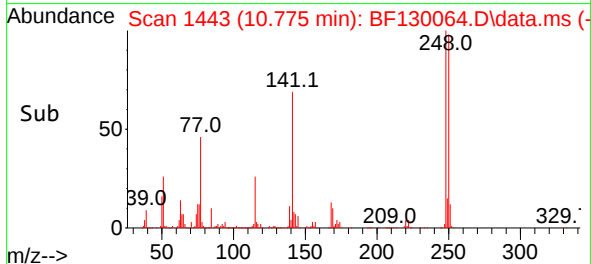
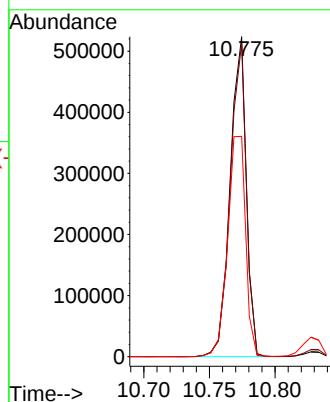
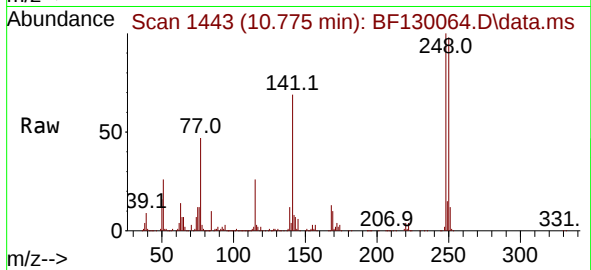




#67
4-Bromophenyl-phenylether
Concen: 43.618 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

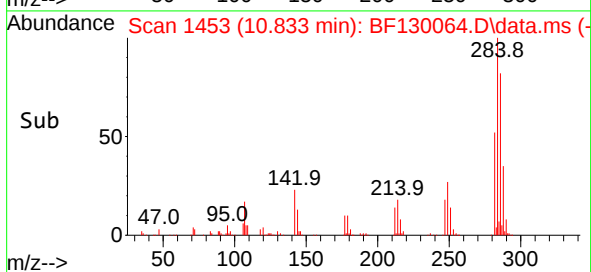
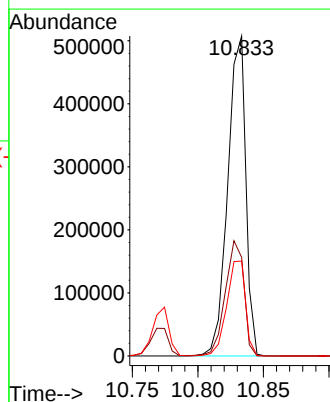
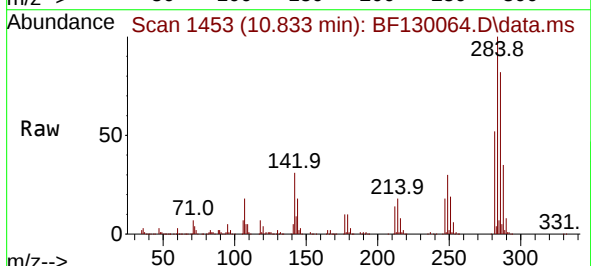
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

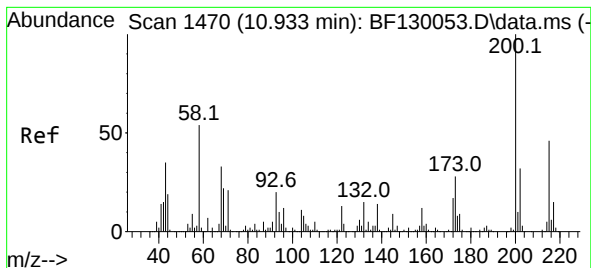
Tgt Ion:248 Resp: 450258
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.6
141 68.9 66.2 99.2



#68
Hexachlorobenzene
Concen: 43.193 ng
RT: 10.833 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:284 Resp: 485832
Ion Ratio Lower Upper
284 100
142 30.8 31.4 47.0#
249 29.6 25.7 38.5





#69

Atrazine

Concen: 45.807 ng

RT: 10.939 min Scan# 1470

Delta R.T. 0.006 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

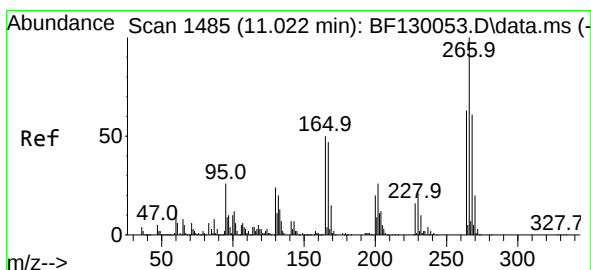
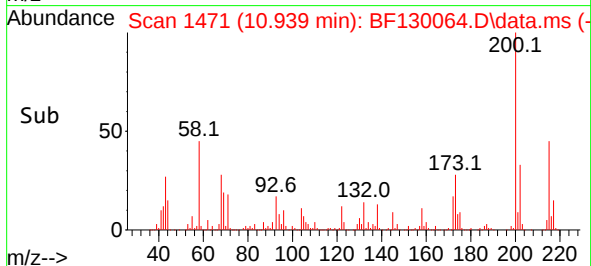
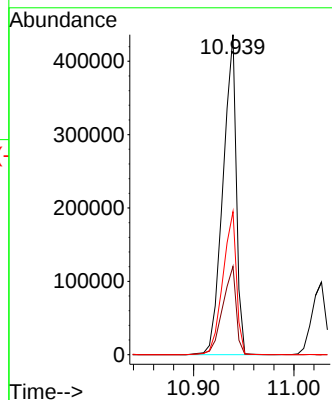
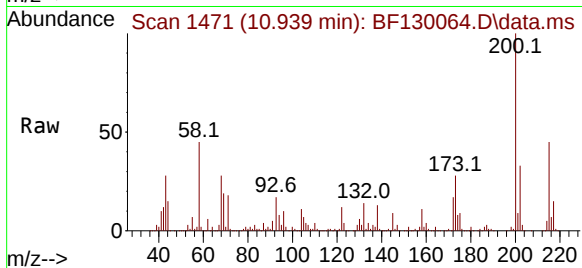
Tgt Ion:200 Resp: 402034

Ion Ratio Lower Upper

200 100

173 27.6 6.4 46.4

215 44.7 27.1 67.1



#70

Pentachlorophenol

Concen: 90.512 ng

RT: 11.027 min Scan# 1486

Delta R.T. 0.006 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

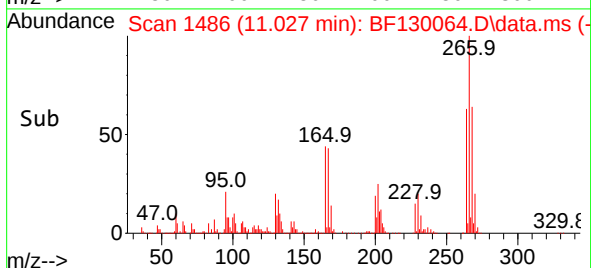
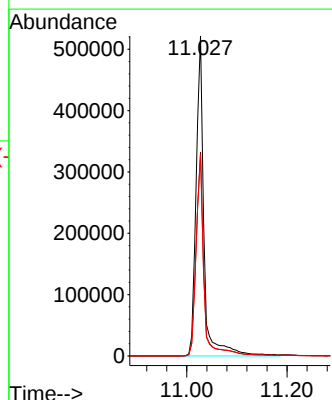
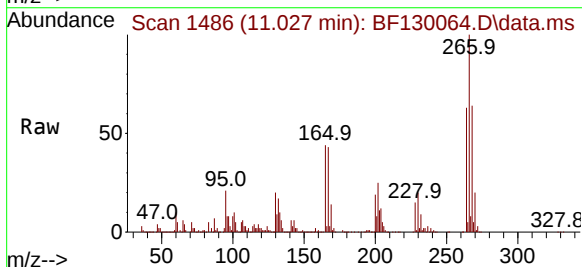
Tgt Ion:266 Resp: 569287

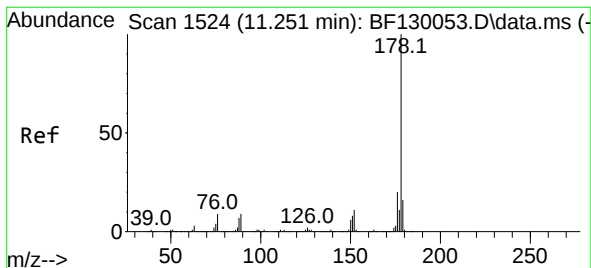
Ion Ratio Lower Upper

266 100

268 63.7 49.0 73.4

264 62.9 47.9 71.9





#71

Phenanthrene

Concen: 40.451 ng

RT: 11.251 min Scan# 1524

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

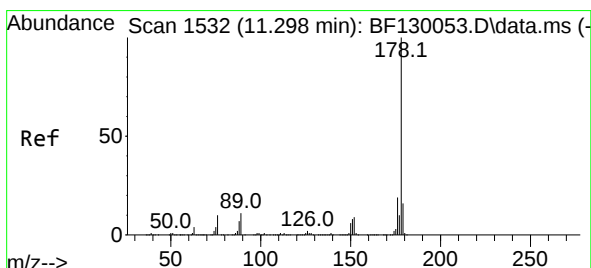
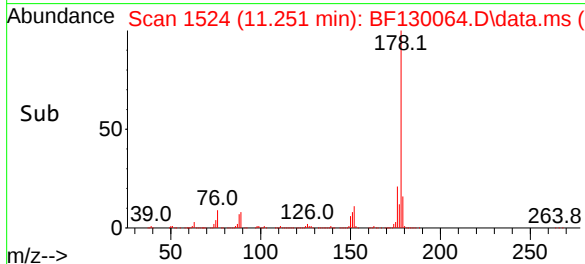
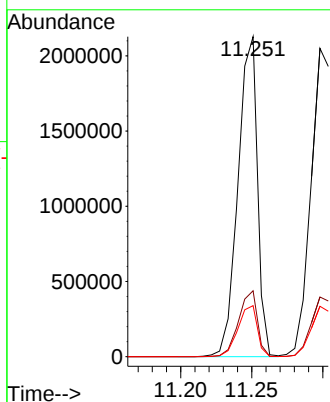
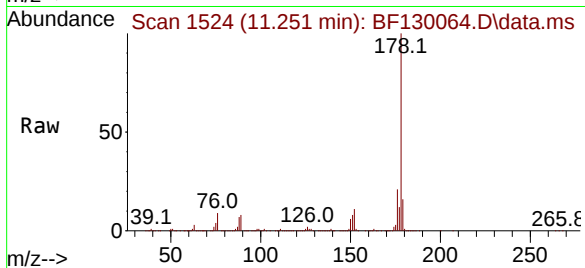
Tgt Ion:178 Resp: 2035847

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

179 16.0 12.5 18.7



#72

Anthracene

Concen: 41.803 ng

RT: 11.298 min Scan# 1532

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

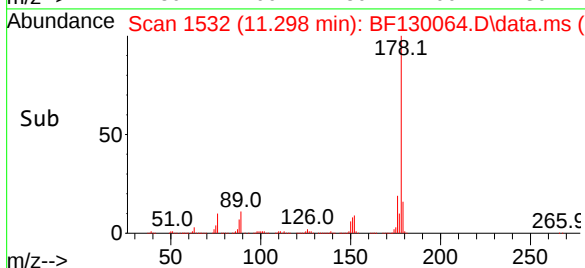
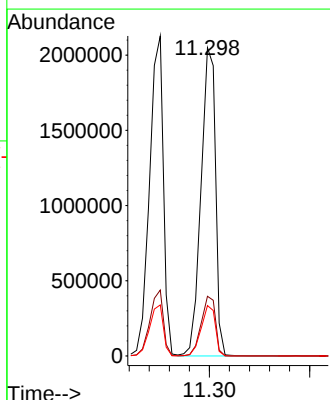
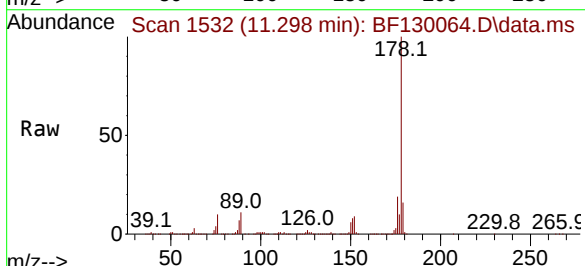
Tgt Ion:178 Resp: 2068234

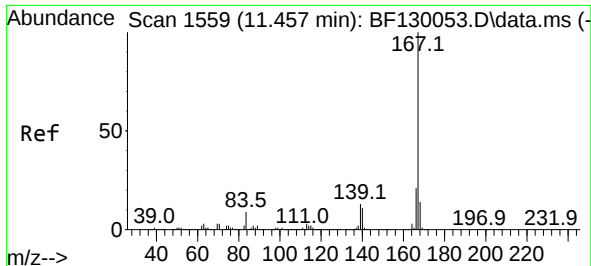
Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 16.3 12.6 18.8

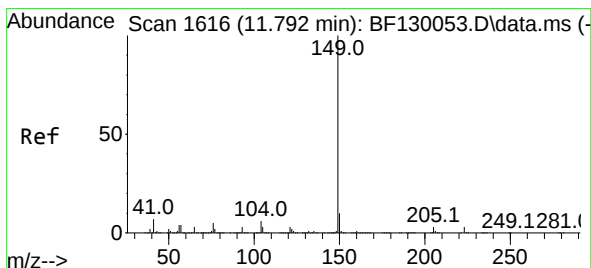
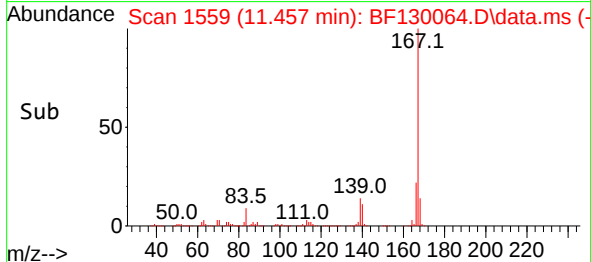
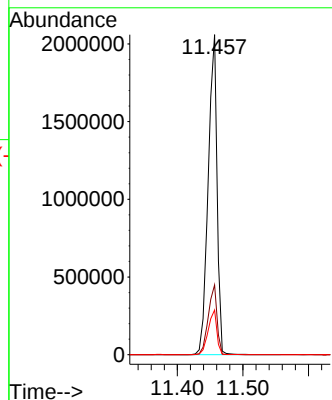
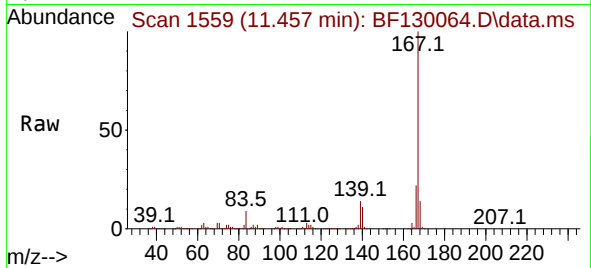




#73
 Carbazole
 Concen: 42.566 ng
 RT: 11.457 min Scan# 1559
 Delta R.T. -0.000 min
 Lab File: BF130064.D
 Acq: 31 Aug 2022 22:14

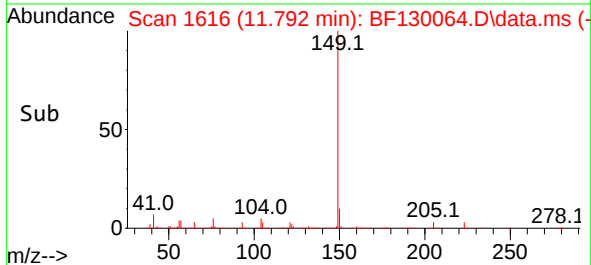
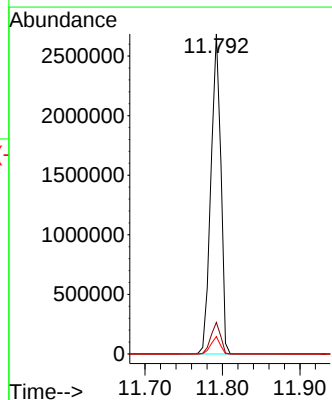
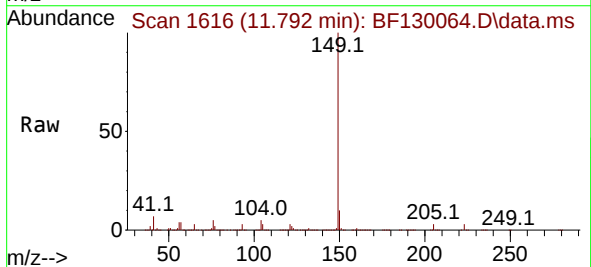
Instrument :
 BNA_F
 ClientSampleId :
 PB147308BSD

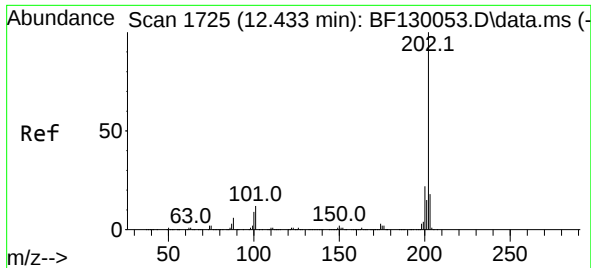
Tgt Ion:167 Resp: 1942016
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 14.0 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 43.219 ng
 RT: 11.792 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF130064.D
 Acq: 31 Aug 2022 22:14

Tgt Ion:149 Resp: 2377730
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.5 4.2 6.4

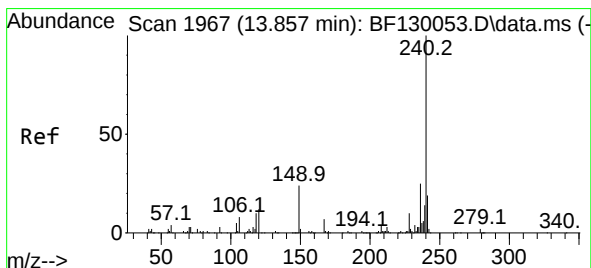
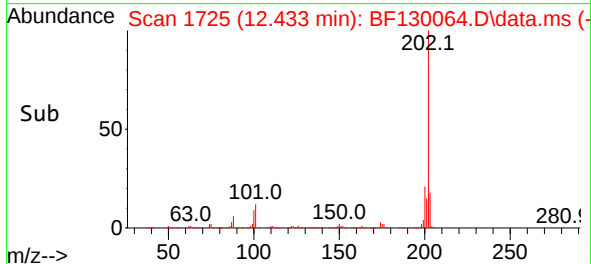
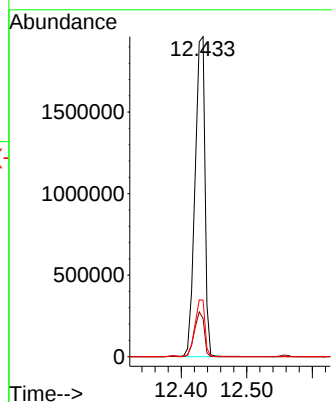
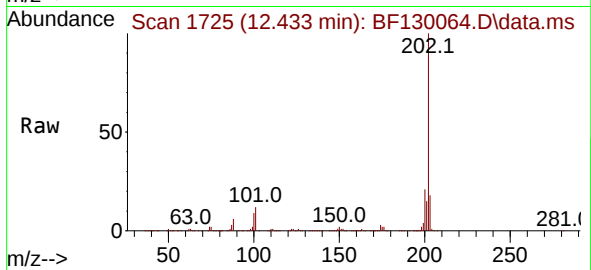




#75
Fluoranthene
Concen: 41.331 ng
RT: 12.433 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

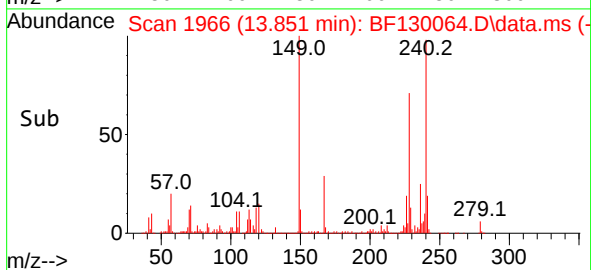
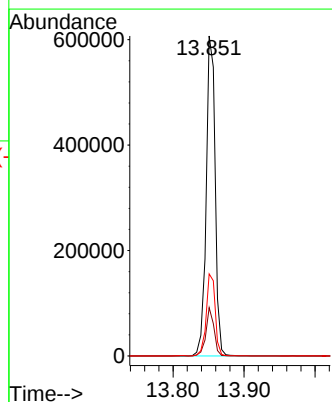
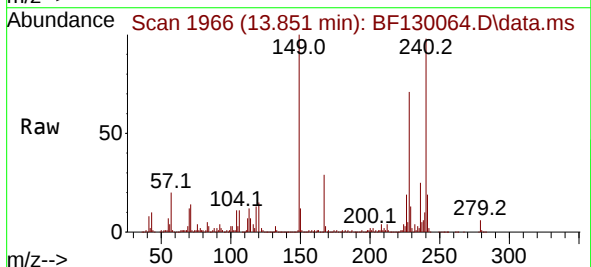
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

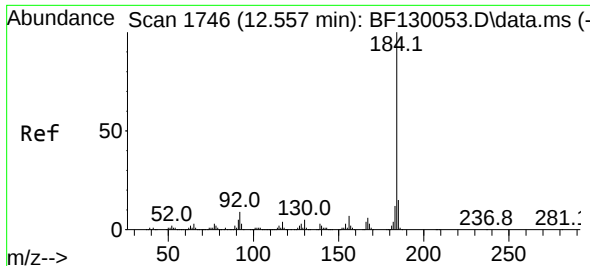
Tgt Ion:202 Resp: 2062757
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:240 Resp: 534528
Ion Ratio Lower Upper
240 100
120 15.1 9.2 13.8#
236 25.7 20.7 31.1

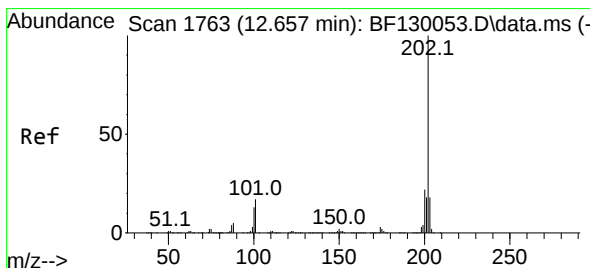
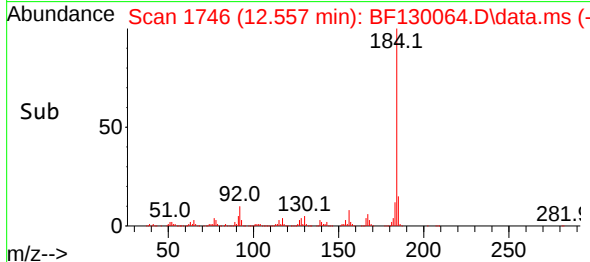
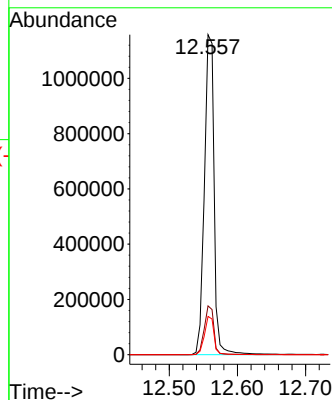
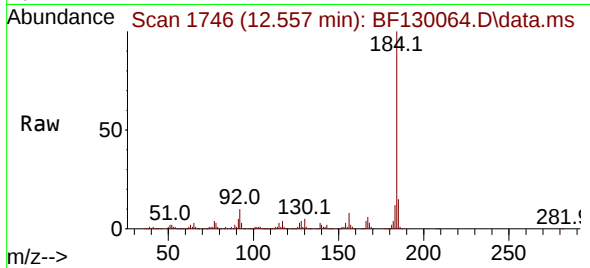




#77
Benzidine
Concen: 79.730 ng
RT: 12.557 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

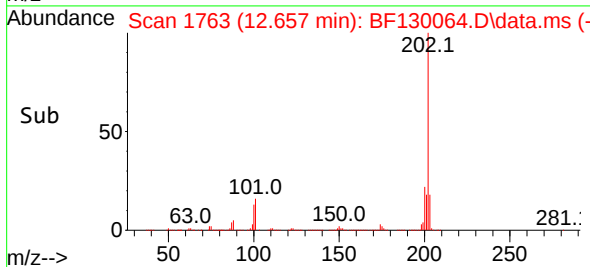
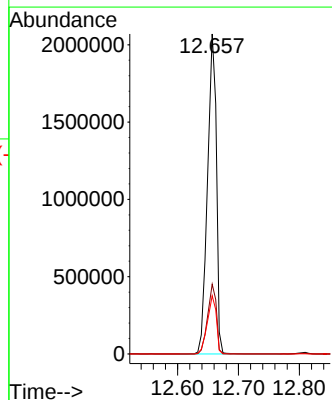
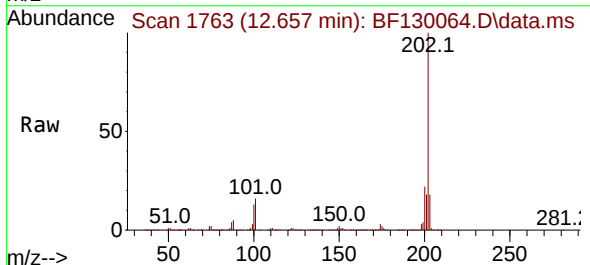
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

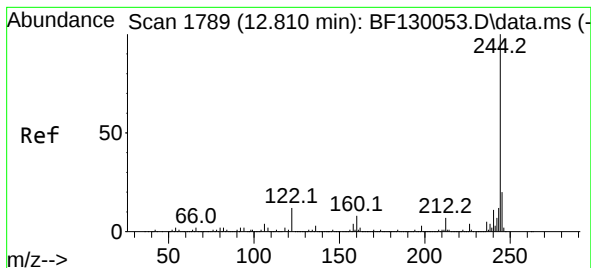
Tgt Ion:184 Resp: 1150642
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.2
183 11.9 9.4 14.2



#78
Pyrene
Concen: 43.678 ng
RT: 12.657 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:202 Resp: 2094123
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 89.159 ng

RT: 12.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

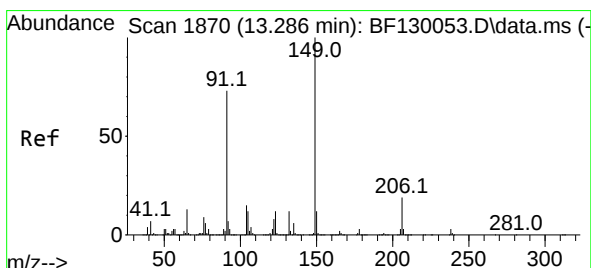
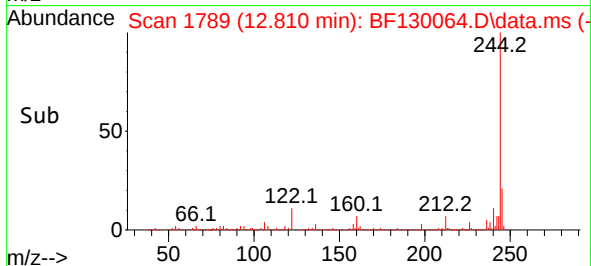
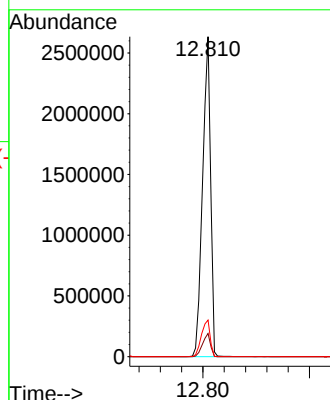
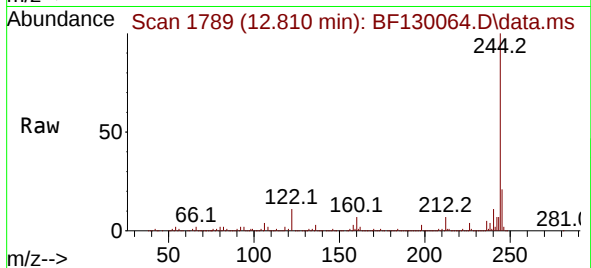
Tgt Ion:244 Resp: 2748242

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.4 9.9 14.9



#80

Butylbenzylphthalate

Concen: 49.501 ng

RT: 13.286 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

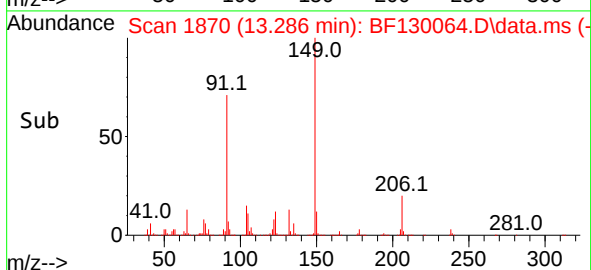
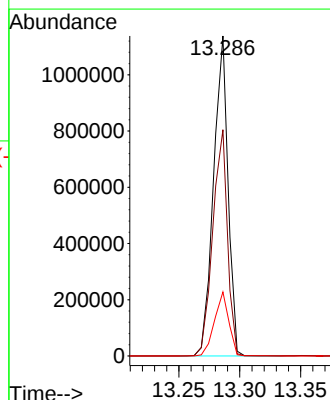
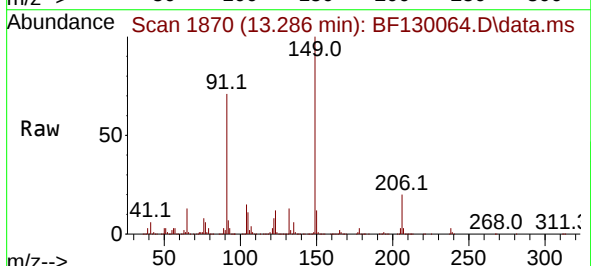
Tgt Ion:149 Resp: 943979

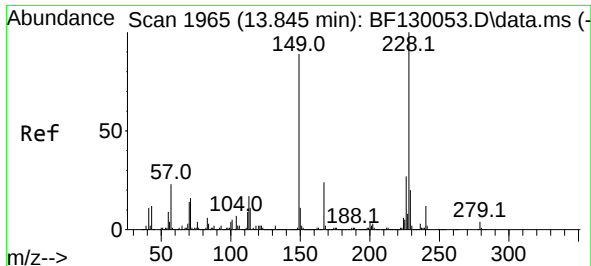
Ion Ratio Lower Upper

149 100

91 70.7 55.4 83.0

206 20.0 15.8 23.6

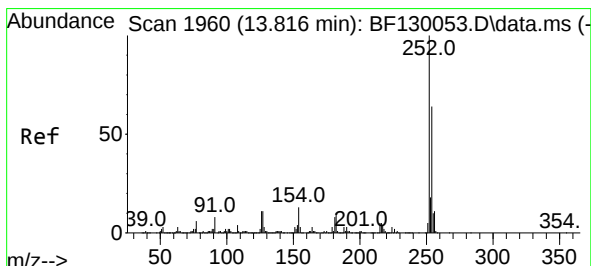
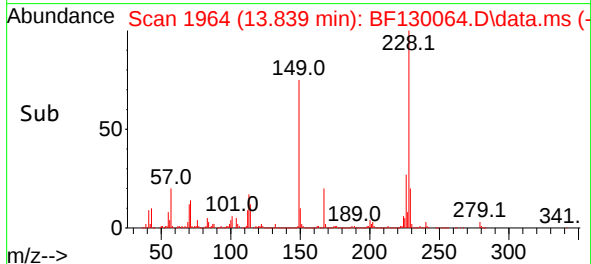
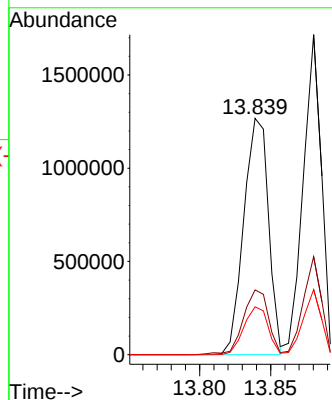
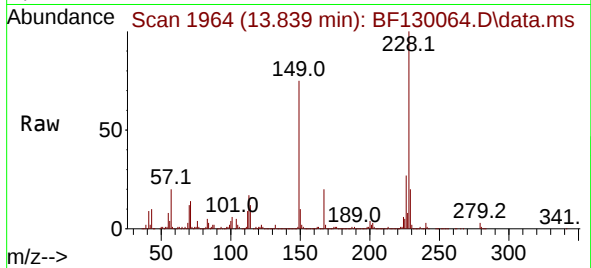




#81
Benzo(a)anthracene
Concen: 41.923 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

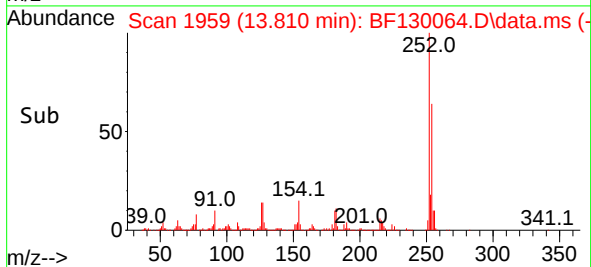
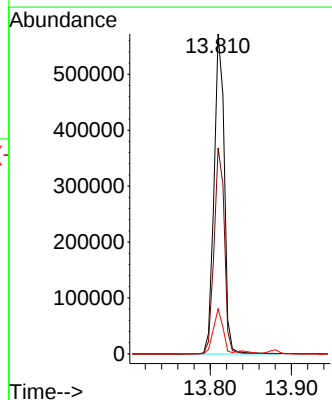
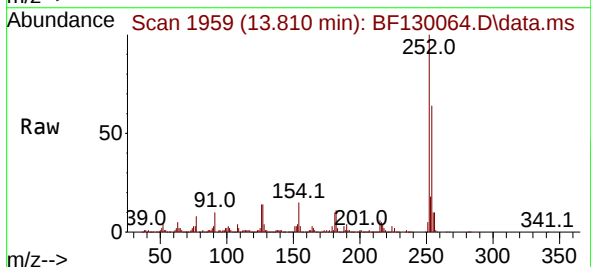
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

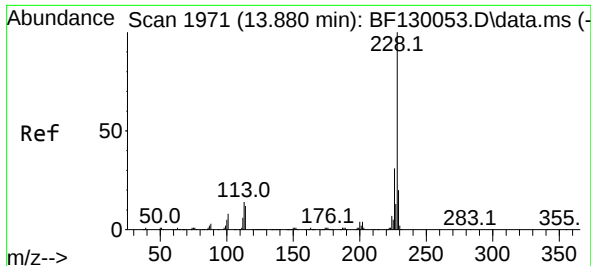
Tgt Ion:228 Resp: 1535695
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 43.805 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:252 Resp: 500407
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 14.1 10.2 15.4

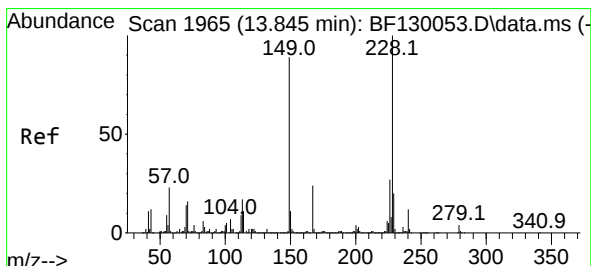
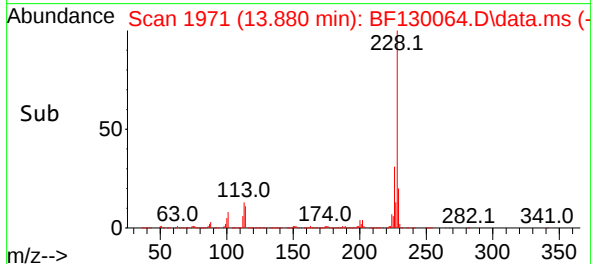
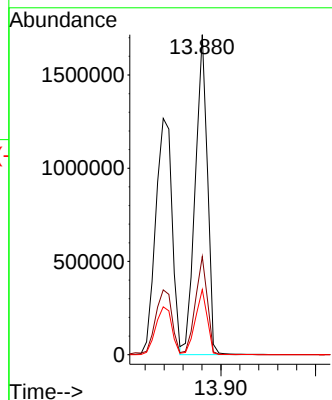
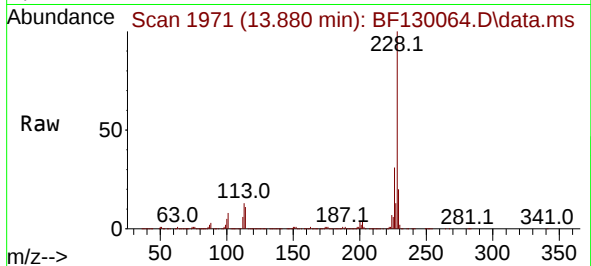




#83
Chrysene
Concen: 42.266 ng
RT: 13.880 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

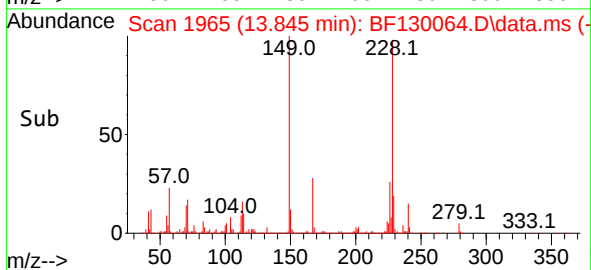
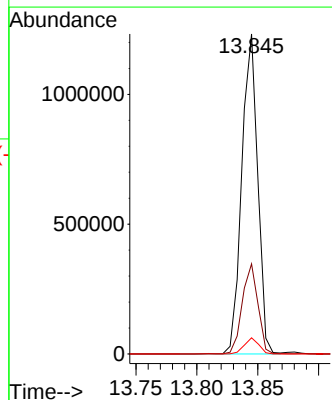
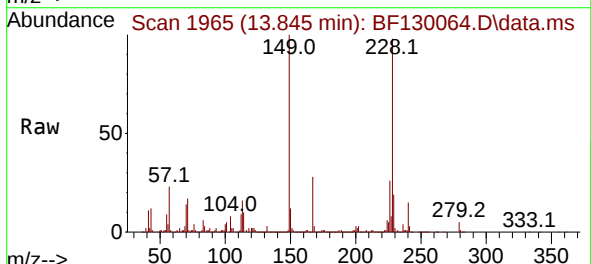
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

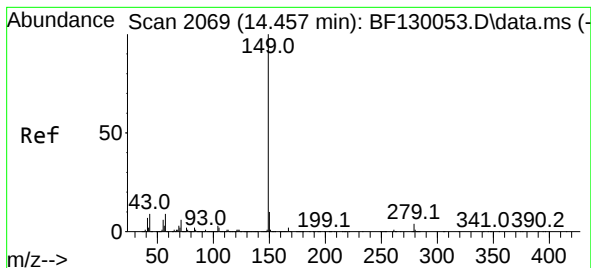
Tgt Ion:228 Resp: 1526442
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.4 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.467 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:149 Resp: 1125168
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 5.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.652 ng

RT: 14.457 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB147308BSD

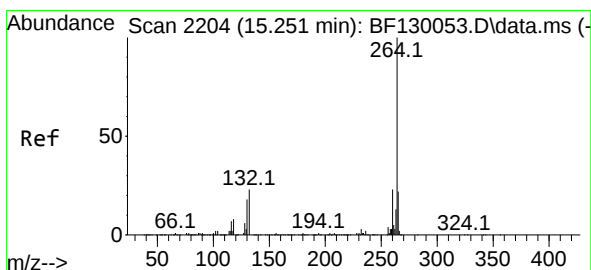
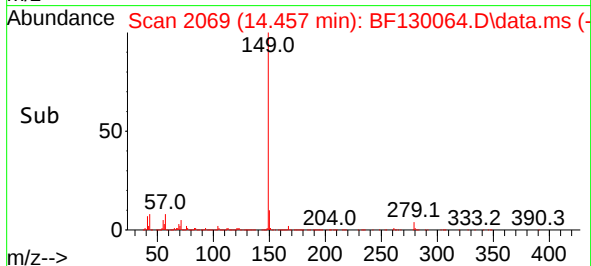
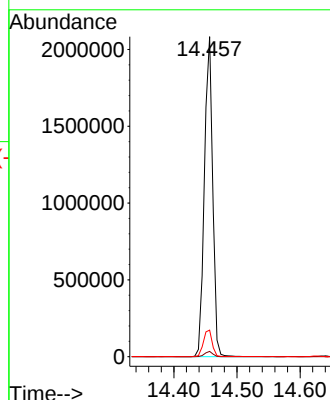
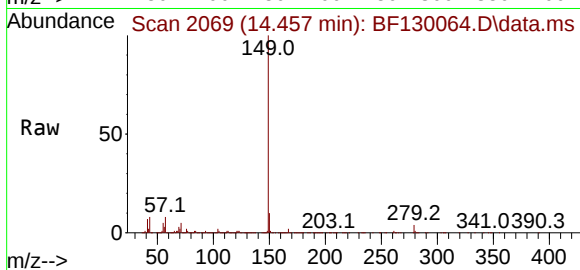
Tgt Ion:149 Resp: 1896578

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.251 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF130064.D

Acq: 31 Aug 2022 22:14

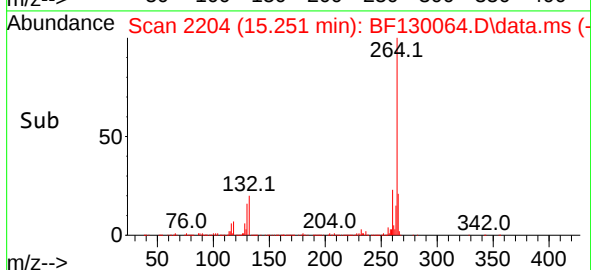
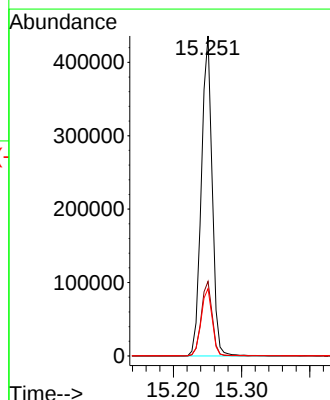
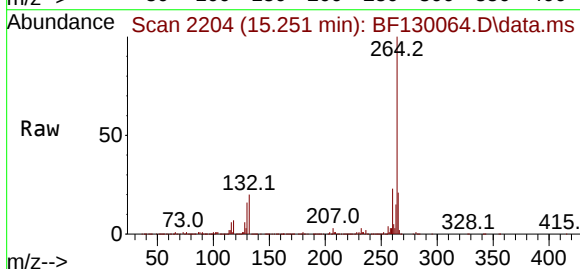
Tgt Ion:264 Resp: 481715

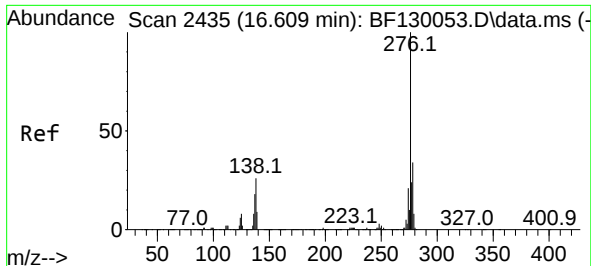
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.0 16.7 25.1

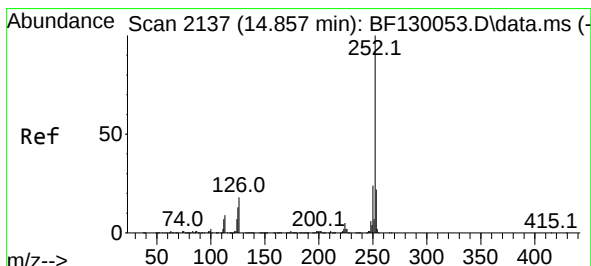
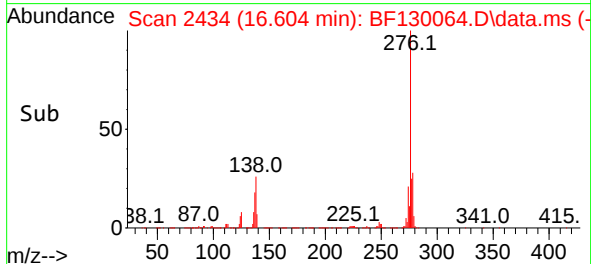
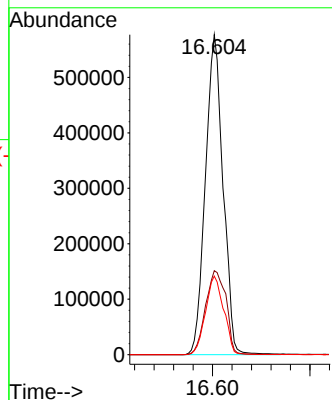
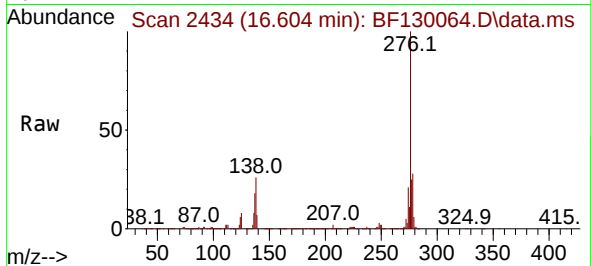




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.612 ng
RT: 16.604 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

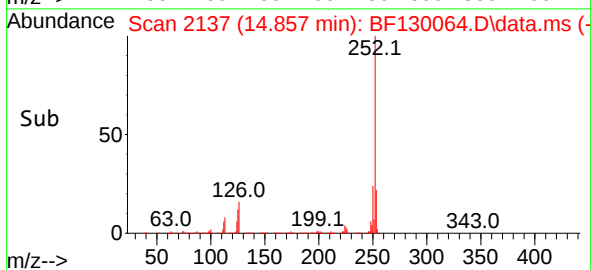
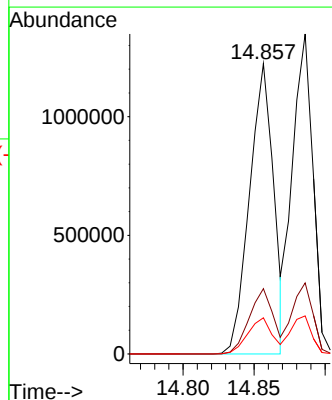
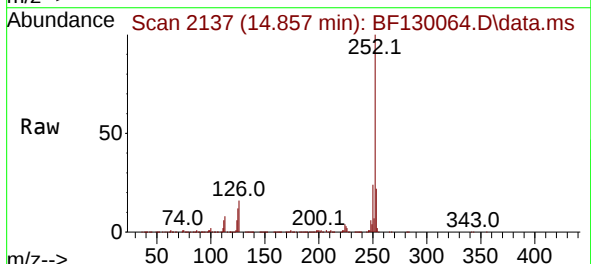
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

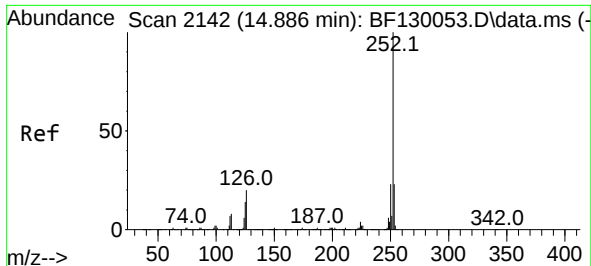
Tgt Ion:276 Resp: 1449373
Ion Ratio Lower Upper
276 100
138 30.3 19.8 29.8#
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 45.024 ng
RT: 14.857 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:252 Resp: 1446335
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 12.5 8.3 12.5

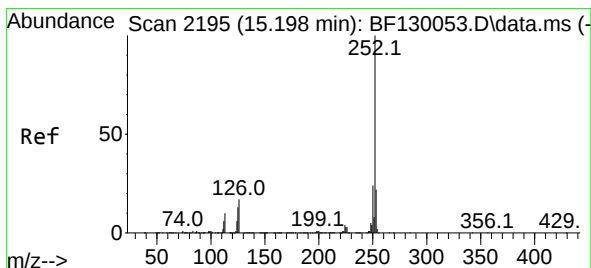
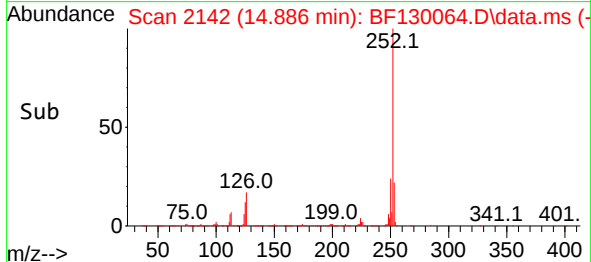
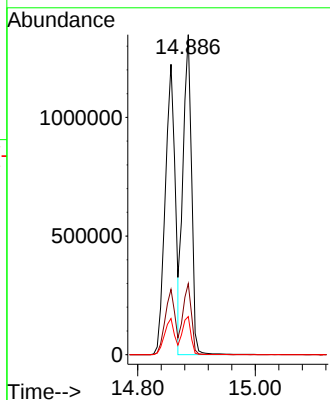
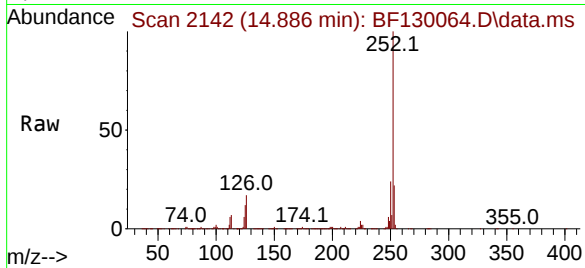




#89
Benzo(k)fluoranthene
Concen: 43.917 ng
RT: 14.886 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

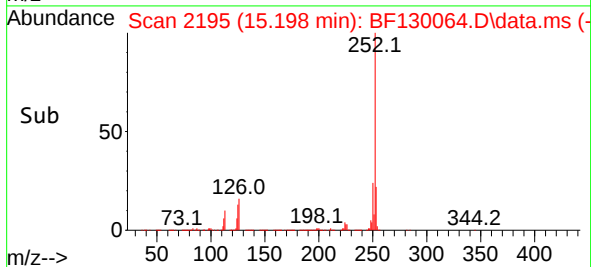
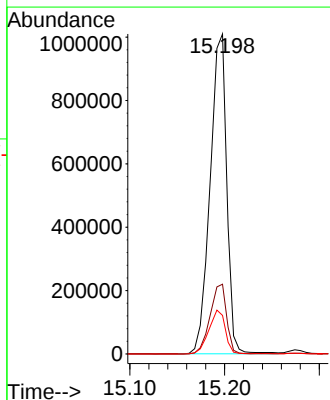
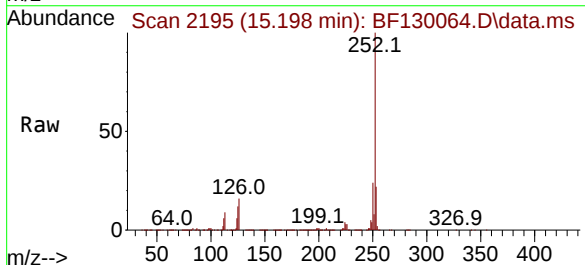
Instrument :
BNA_F
ClientSampleId :
PB147308BSD

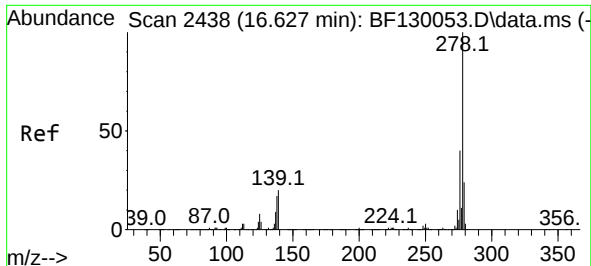
Tgt Ion:252 Resp: 1364438
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 11.9 8.3 12.5



#90
Benzo(a)pyrene
Concen: 48.205 ng
RT: 15.198 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:252 Resp: 1230479
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.1 8.8 13.2

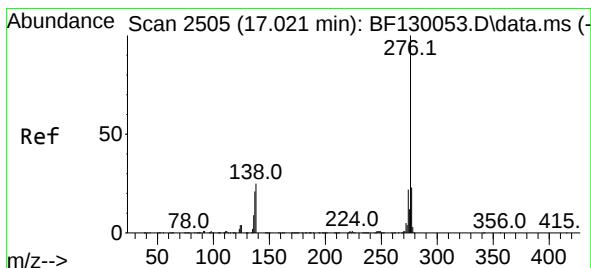
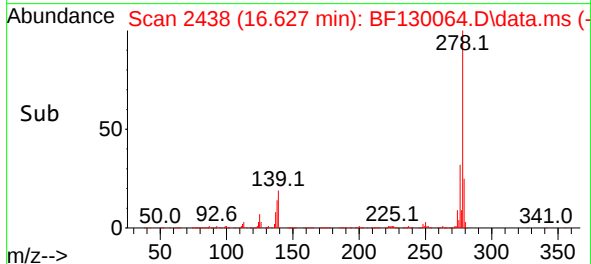
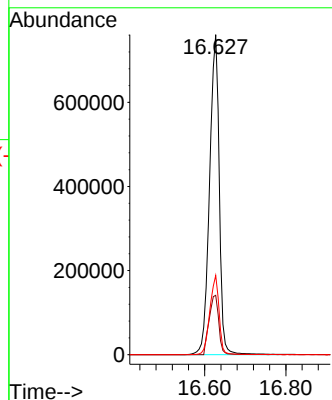
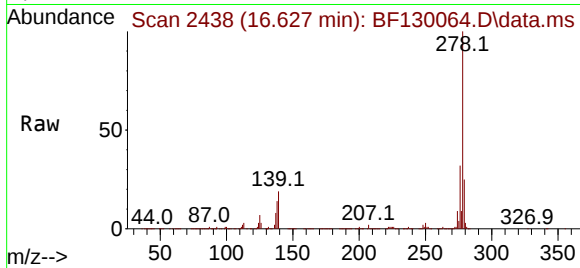




#91
Dibenzo(a,h)anthracene
Concen: 48.352 ng
RT: 16.627 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Instrument :
BNA_F
ClientSampleId :
PB147308BSD

Tgt Ion:278 Resp: 1257206
Ion Ratio Lower Upper
278 100
139 18.5 12.2 18.4#
279 24.8 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 47.836 ng
RT: 17.015 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BF130064.D
Acq: 31 Aug 2022 22:14

Tgt Ion:276 Resp: 1244427
Ion Ratio Lower Upper
276 100
277 24.2 18.2 27.4
138 26.9 15.8 23.8#

