

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130060.D
 Acq On : 31 Aug 2022 20:02
 Operator : CG\JU
 Sample : PB147234BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147234BS

Quant Time: Sep 01 03:29:51 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	258162	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	1055474	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	549010	20.000	ng	0.00
64) Phenanthrene-d10	11.221	188	901850	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	500941	20.000	ng	# 0.00
86) Perylene-d12	15.251	264	467599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1832610	120.511	ng	0.01
7) Phenol-d6	6.345	99	2305941	121.629	ng	0.00
23) Nitrobenzene-d5	7.275	82	1402899	85.420	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	632275	126.518	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2484266	75.022	ng	0.00
79) Terphenyl-d14	12.810	244	2487010	86.094	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	254412	35.798	ng	95
3) Pyridine	3.175	79	683094	35.845	ng	92
4) n-Nitrosodimethylamine	3.128	42	330472	44.095	ng	82
6) Aniline	6.369	93	927630	39.027	ng	# 50
8) 2-Chlorophenol	6.492	128	798447	47.837	ng	97
9) Benzaldehyde	6.257	77	267206	23.027	ng	92
10) Phenol	6.357	94	922482	43.047	ng	# 67
11) bis(2-Chloroethyl)ether	6.451	93	750049	46.066	ng	97
12) 1,3-Dichlorobenzene	6.645	146	801320	43.308	ng	98
13) 1,4-Dichlorobenzene	6.722	146	802611	43.063	ng	98
14) 1,2-Dichlorobenzene	6.875	146	769407	45.414	ng	98
15) Benzyl Alcohol	6.857	79	600568	46.997	ng	92
16) 2,2'-oxybis(1-Chloropr...	6.986	45	1003577	45.352	ng	# 51
17) 2-Methylphenol	6.963	107	642126	45.727	ng	# 86
18) Hexachloroethane	7.216	117	300844	44.700	ng	97
19) n-Nitroso-di-n-propyla...	7.134	70	502328	43.981	ng	92
20) 3+4-Methylphenols	7.122	107	701842	42.619	ng	# 74
22) Acetophenone	7.122	105	999219	42.374	ng	# 93
24) Nitrobenzene	7.292	77	766218	43.868	ng	100
25) Isophorone	7.533	82	1495646	44.994	ng	99
26) 2-Nitrophenol	7.604	139	386185	47.134	ng	97
27) 2,4-Dimethylphenol	7.645	122	706264	50.635	ng	98
28) bis(2-Chloroethoxy)met...	7.745	93	940747	47.113	ng	99
29) 2,4-Dichlorophenol	7.845	162	649777	43.552	ng	98
30) 1,2,4-Trichlorobenzene	7.928	180	640693	40.727	ng	97
31) Naphthalene	8.010	128	2173494	40.830	ng	99
32) Benzoic acid	7.786	122	523375	46.236	ng	100
33) 4-Chloroaniline	8.063	127	657903	30.590	ng	97
34) Hexachlorobutadiene	8.128	225	365992	40.623	ng	100
35) Caprolactam	8.451	113	110089	23.811	ng	89
36) 4-Chloro-3-methylphenol	8.545	107	669297	44.333	ng	95
37) 2-Methylnaphthalene	8.704	142	1415499	41.279	ng	99
38) 1-Methylnaphthalene	8.798	142	1353231	40.600	ng	98
40) 1,2,4,5-Tetrachloroben...	8.869	216	577469	40.337	ng	# 98
41) Hexachlorocyclopentadiene	8.857	237	750278	100.281	ng	98
43) 2,4,6-Trichlorophenol	8.980	196	441880	43.242	ng	98

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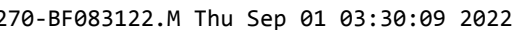
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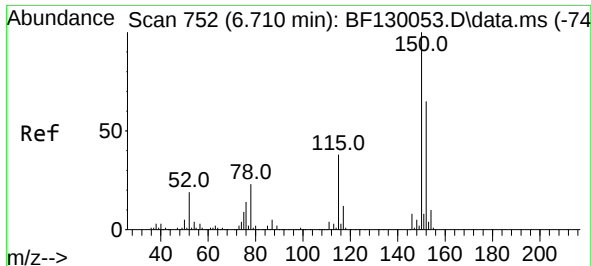
Quant Time: Sep 01 03:29:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	469525	42.391	ng	96
46) 1,1'-Biphenyl	9.169	154	1654711	41.486	ng	100
47) 2-Chloronaphthalene	9.192	162	1297987	40.615	ng	99
48) 2-Nitroaniline	9.286	65	392435	49.831	ng	93
49) Acenaphthylene	9.604	152	2014846	41.518	ng	99
50) Dimethylphthalate	9.480	163	1561146	41.748	ng	99
51) 2,6-Dinitrotoluene	9.533	165	357028	48.970	ng	94
52) Acenaphthene	9.775	154	1207496	39.481	ng	99
53) 3-Nitroaniline	9.698	138	290447	34.708	ng	98
54) 2,4-Dinitrophenol	9.810	184	312025	92.825	ng #	79
55) Dibenzofuran	9.951	168	1769150	40.396	ng	100
56) 4-Nitrophenol	9.869	139	625864	97.009	ng #	84
57) 2,4-Dinitrotoluene	9.933	165	432595	51.536	ng	93
58) Fluorene	10.292	166	1300933	39.040	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.063	232	357944	41.609	ng #	78
60) Diethylphthalate	10.174	149	1514831	41.874	ng	100
61) 4-Chlorophenyl-phenyle...	10.286	204	596121	40.468	ng	95
62) 4-Nitroaniline	10.322	138	376478	46.259	ng	95
63) Azobenzene	10.445	77	1453926	40.819	ng	95
65) 4,6-Dinitro-2-methylph...	10.339	198	185133	44.161	ng	97
66) n-Nitrosodiphenylamine	10.404	169	1260066	41.796	ng	99
67) 4-Bromophenyl-phenylether	10.774	248	424849	42.352	ng	93
68) Hexachlorobenzene	10.833	284	464056	42.456	ng #	90
69) Atrazine	10.939	200	399647	46.857	ng	99
70) Pentachlorophenol	11.027	266	534425	87.436	ng	96
71) Phenanthrene	11.251	178	1958376	40.042	ng	99
72) Anthracene	11.298	178	1971186	40.999	ng	99
73) Carbazole	11.457	167	1871516	42.212	ng	100
74) Di-n-butylphthalate	11.792	149	2234728	41.800	ng	99
75) Fluoranthene	12.427	202	1980293	40.831	ng	95
77) Benzidine	12.557	184	769152	56.869	ng	99
78) Pyrene	12.657	202	1990486	44.300	ng	99
80) Butylbenzylphthalate	13.286	149	879117	49.191	ng	100
81) Benzo(a)anthracene	13.839	228	1438526	41.903	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	412509	38.532	ng	98
83) Chrysene	13.880	228	1417587	41.883	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1034750	46.580	ng	99
85) Di-n-octyl phthalate	14.457	149	1709086	48.705	ng	98
87) Indeno(1,2,3-cd)pyrene	16.603	276	1388096	45.002	ng #	94
88) Benzo(b)fluoranthene	14.857	252	1363784	43.735	ng	98
89) Benzo(k)fluoranthene	14.857	252	1363784	45.221	ng	97
90) Benzo(a)pyrene	15.198	252	1149746	46.402	ng	98
91) Dibenzo(a,h)anthracene	16.627	278	1191765	47.219	ng #	96
92) Benzo(g,h,i)perylene	17.015	276	1204218	47.688	ng #	92

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

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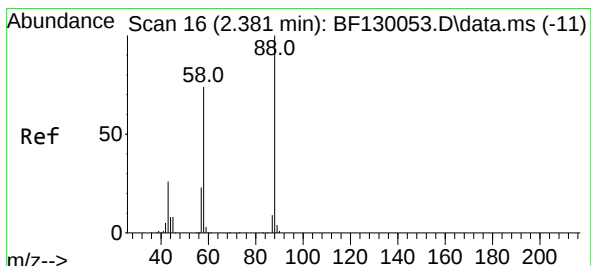
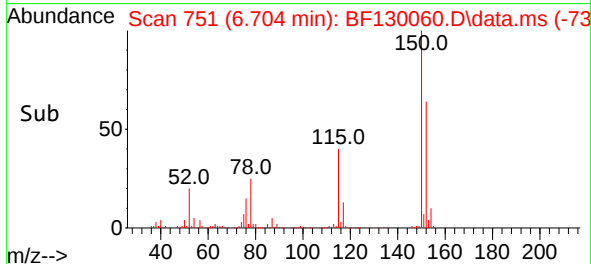
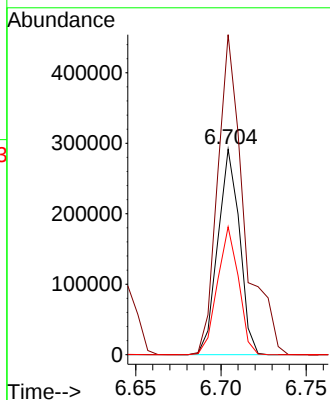
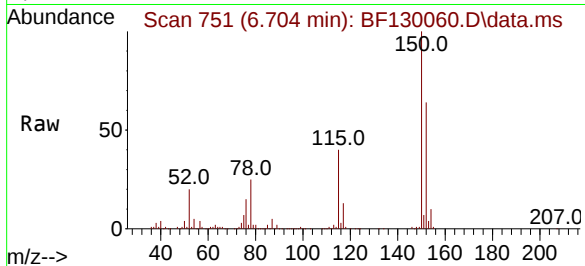




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130060.D
 Acq: 31 Aug 2022 20:02

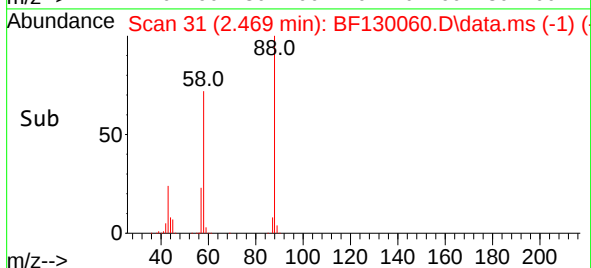
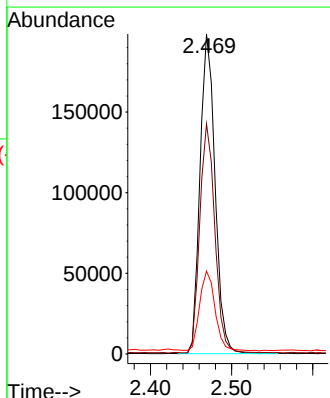
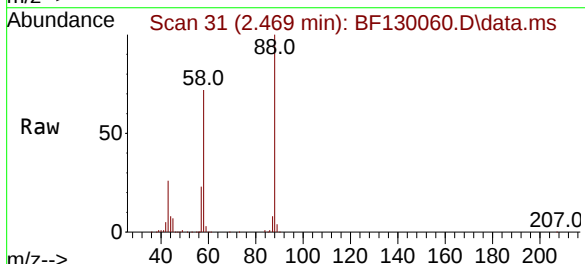
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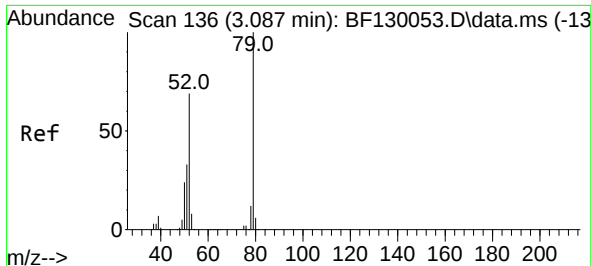
Tgt Ion:152 Resp: 258162
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.9 190.3
 115 62.2 53.4 80.0



#2
 1,4-Dioxane
 Concen: 35.798 ng
 RT: 2.469 min Scan# 31
 Delta R.T. 0.088 min
 Lab File: BF130060.D
 Acq: 31 Aug 2022 20:02

Tgt Ion: 88 Resp: 254412
 Ion Ratio Lower Upper
 88 100
 58 72.3 60.9 91.3
 43 25.8 23.6 35.4





#3

Pyridine

Concen: 35.845 ng

RT: 3.175 min Scan# 11

Delta R.T. 0.088 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

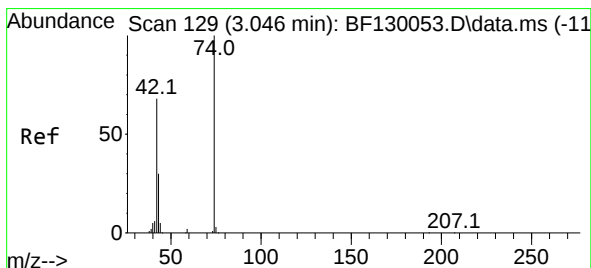
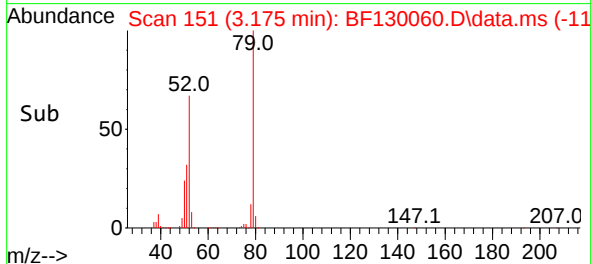
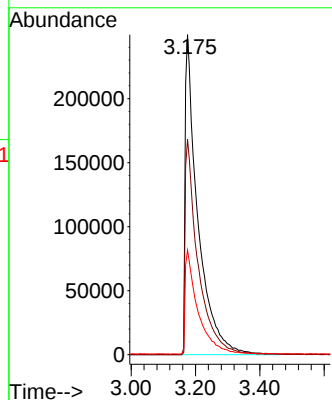
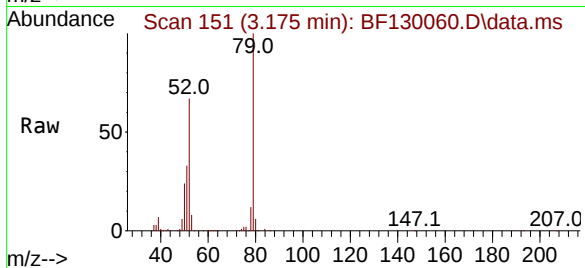
Tgt Ion: 79 Resp: 683094

Ion Ratio Lower Upper

79 100

52 67.3 59.4 89.2

51 32.6 29.5 44.3



#4

n-Nitrosodimethylamine

Concen: 44.095 ng

RT: 3.128 min Scan# 143

Delta R.T. 0.082 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

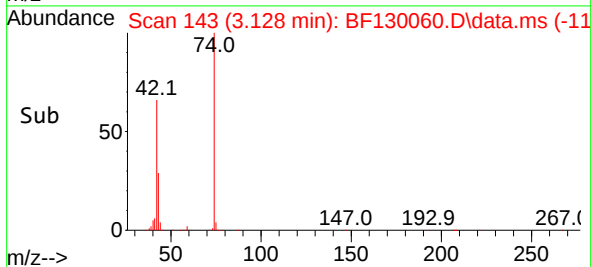
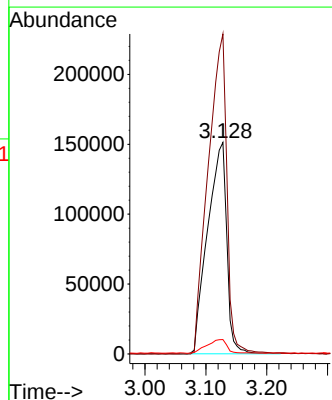
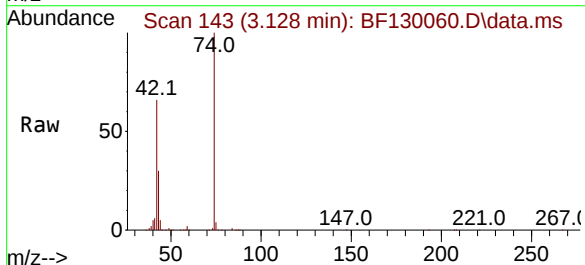
Tgt Ion: 42 Resp: 330472

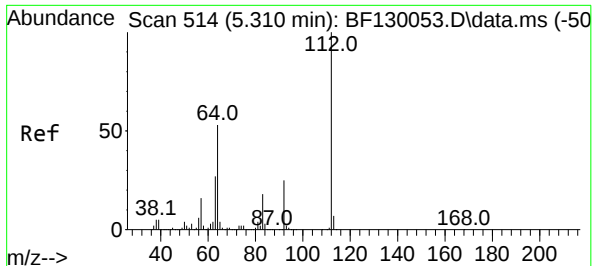
Ion Ratio Lower Upper

42 100

74 151.3 103.1 154.7

44 6.8 5.4 8.2

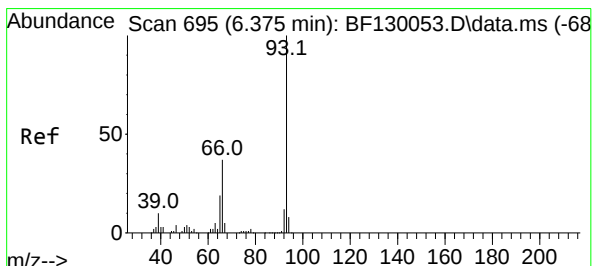
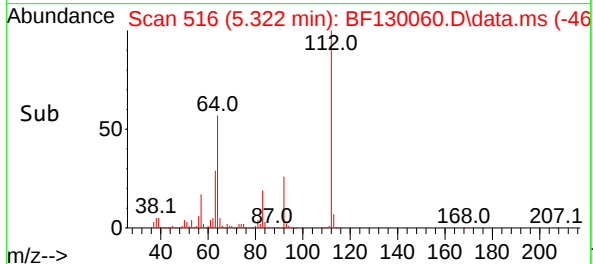
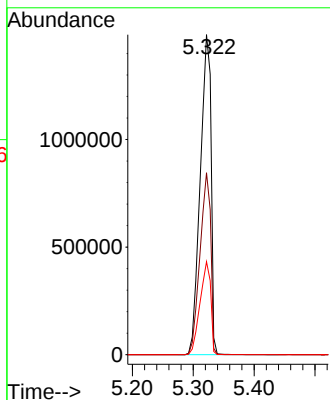
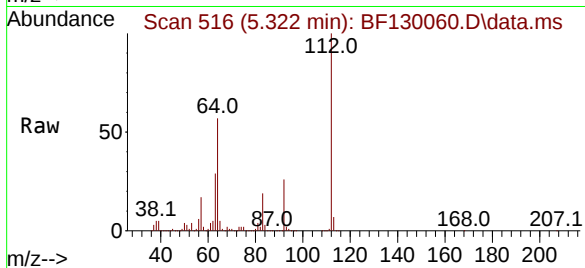




#5
2-Fluorophenol
Concen: 120.511 ng
RT: 5.322 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

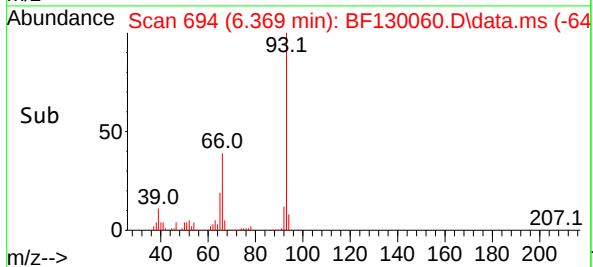
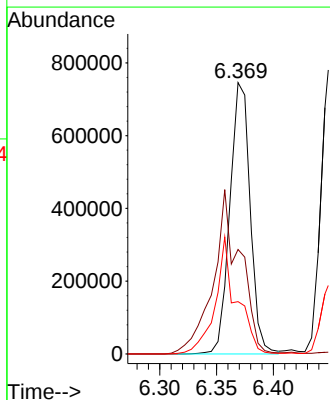
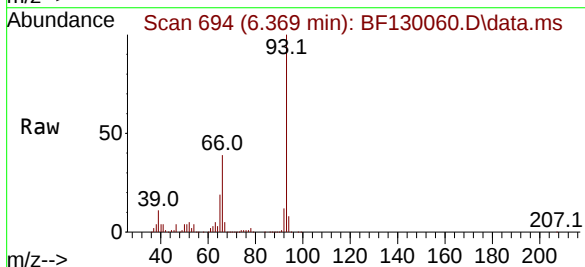
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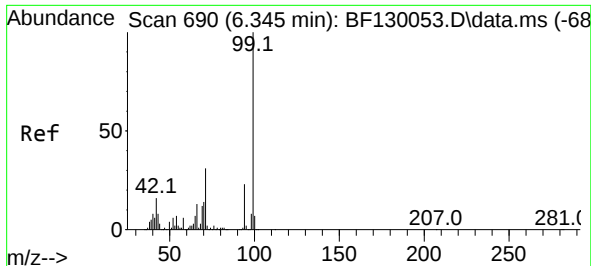
Tgt Ion:112 Resp: 1832610
Ion Ratio Lower Upper
112 100
64 56.8 47.6 71.4
63 29.0 24.6 37.0



#6
Aniline
Concen: 39.027 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

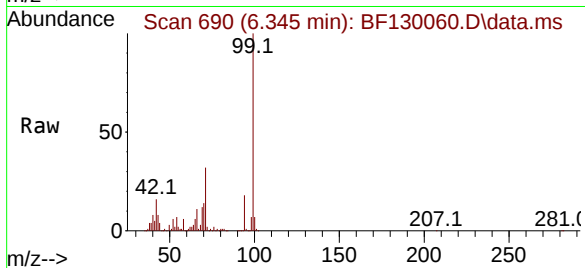
Tgt Ion: 93 Resp: 927630
Ion Ratio Lower Upper
93 100
66 38.5 68.7 103.1#
65 19.3 41.6 62.4#





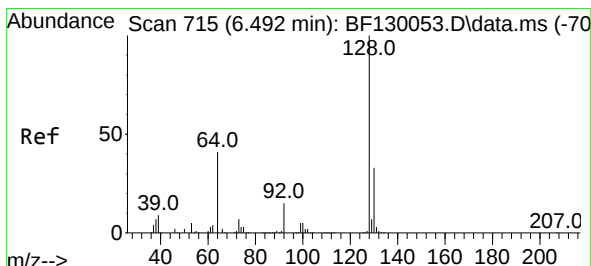
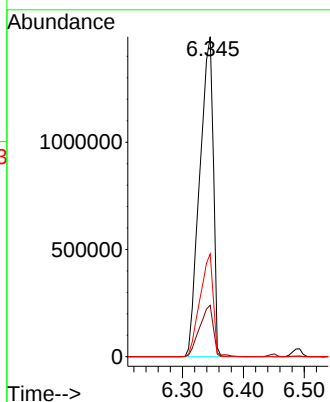
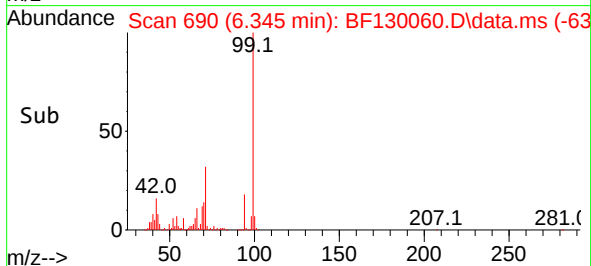
#7
Phenol-d6
Concen: 121.629 ng
RT: 6.345 min Scan# 690
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Instrument :
BNA_F
ClientSampleId :
PB147234BS

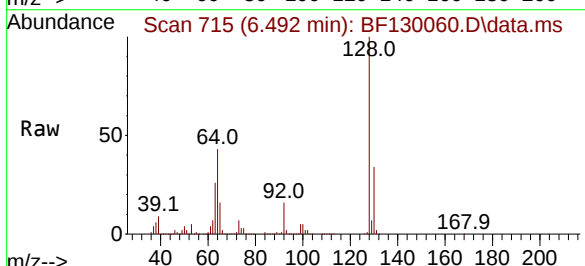


Tgt Ion: 99 Resp: 2305941

Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.0	22.4
71	32.1	28.8	43.2

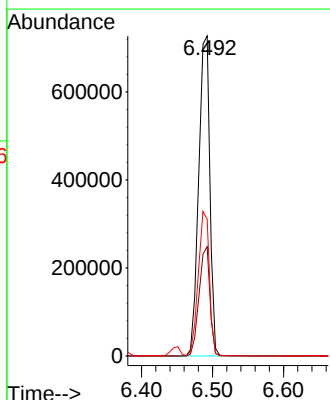
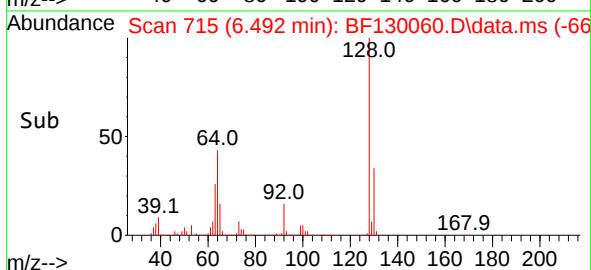


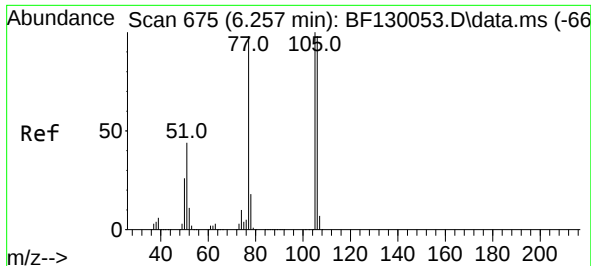
#8
2-Chlorophenol
Concen: 47.837 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02



Tgt Ion: 128 Resp: 798447

Ion	Ratio	Lower	Upper
128	100		
130	34.1	12.5	52.5
64	42.7	24.9	64.9

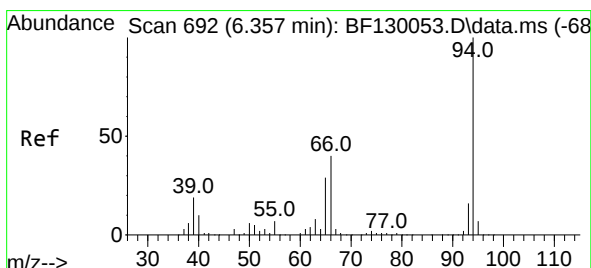
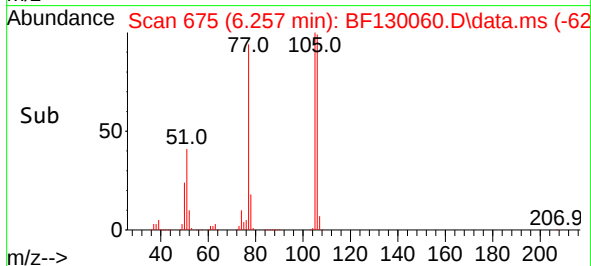
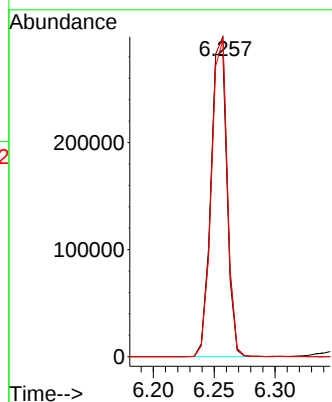
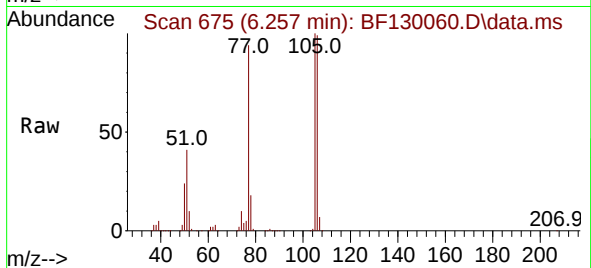




#9
Benzaldehyde
Concen: 23.027 ng
RT: 6.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

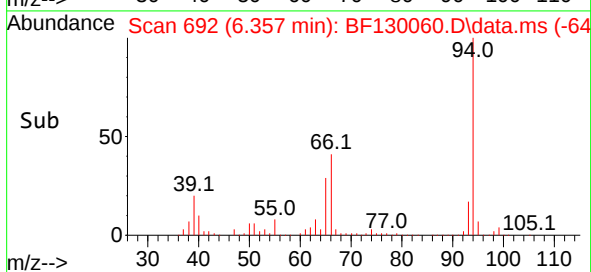
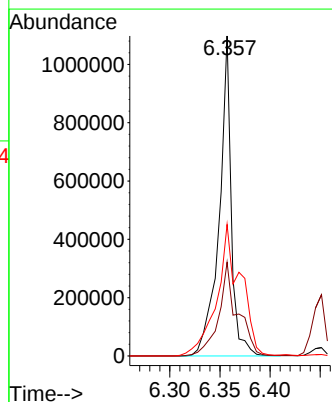
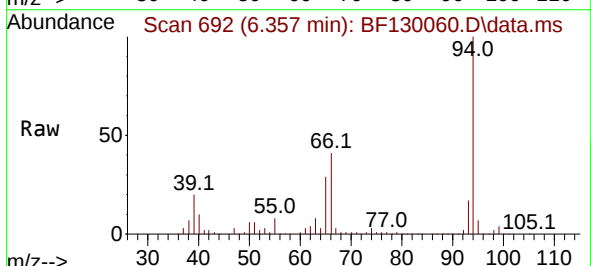
Instrument :
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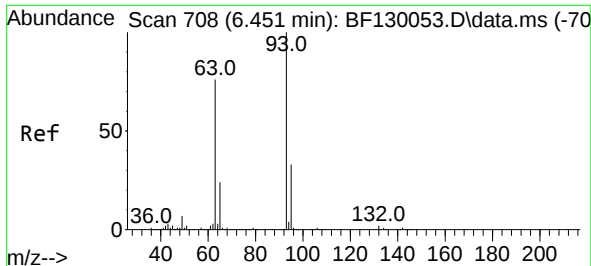
Tgt Ion: 77 Resp: 267206
Ion Ratio Lower Upper
77 100
105 105.8 80.3 120.3
106 104.7 74.3 114.3



#10
Phenol
Concen: 43.047 ng
RT: 6.357 min Scan# 692
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion: 94 Resp: 922482
Ion Ratio Lower Upper
94 100
65 29.3 24.9 64.9
66 41.1 54.2 94.2#

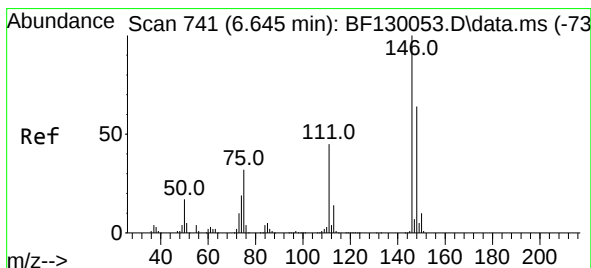
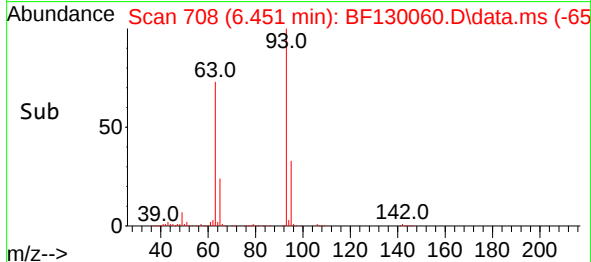
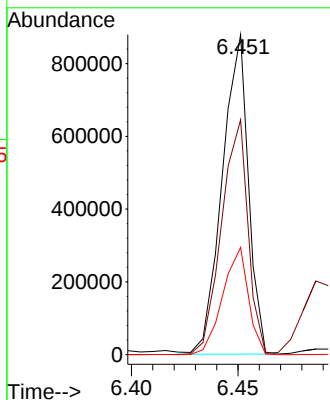
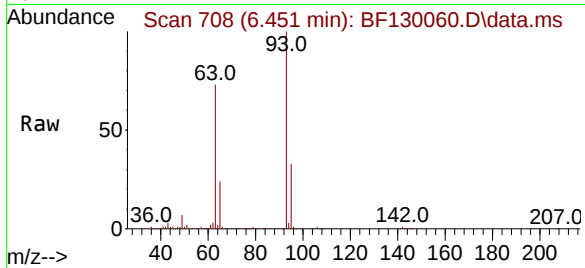




#11
bis(2-Chloroethyl)ether
Concen: 46.066 ng
RT: 6.451 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

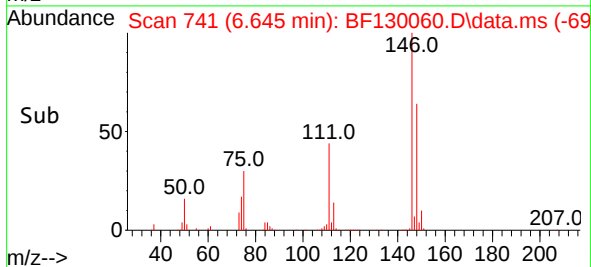
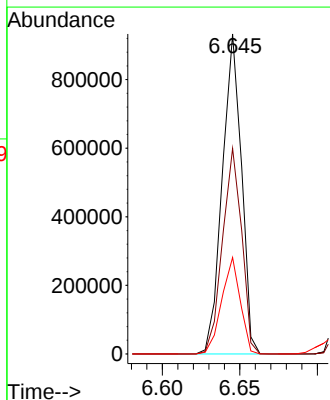
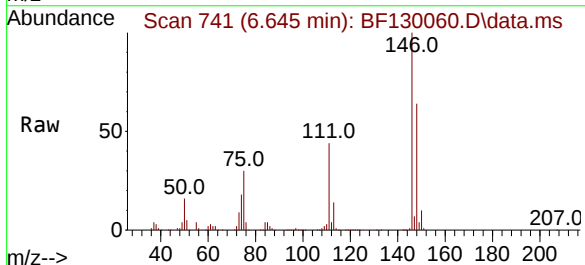
Instrument :
BNA_F
ClientSampleId :
PB147234BS

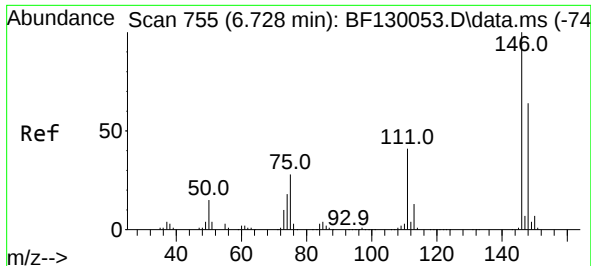
Tgt Ion: 93 Resp: 750049
Ion Ratio Lower Upper
93 100
63 73.4 55.9 95.9
95 33.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.308 ng
RT: 6.645 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion: 146 Resp: 801320
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 30.1 26.5 39.7

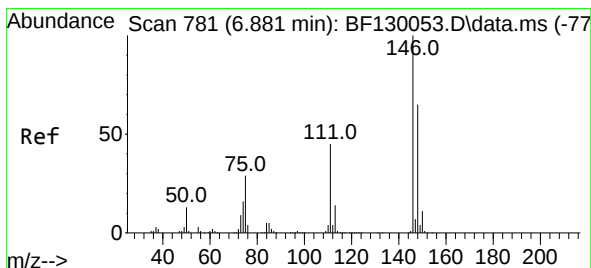
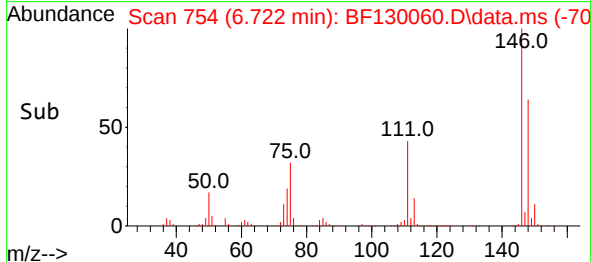
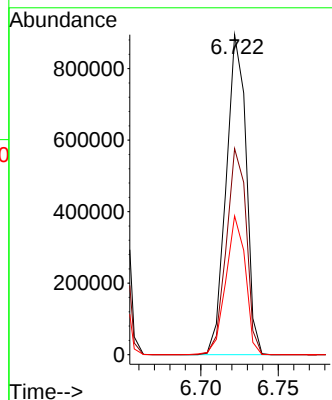
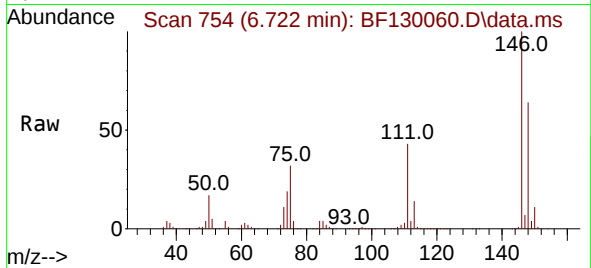




#13
1,4-Dichlorobenzene
Concen: 43.063 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

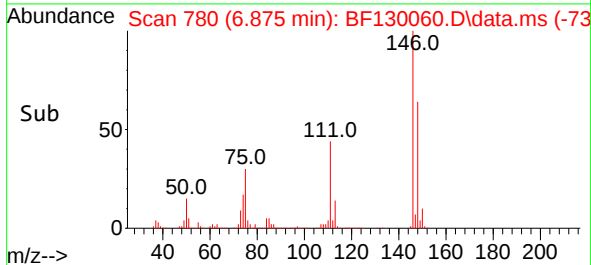
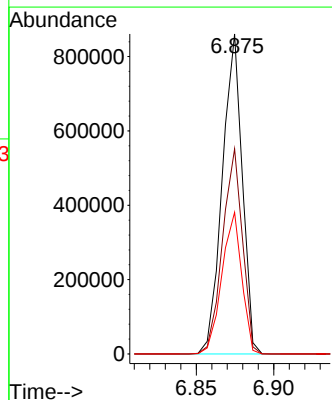
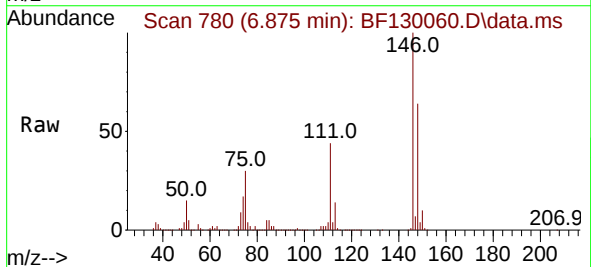
Instrument :
BNA_F
ClientSampleId :
PB147234BS

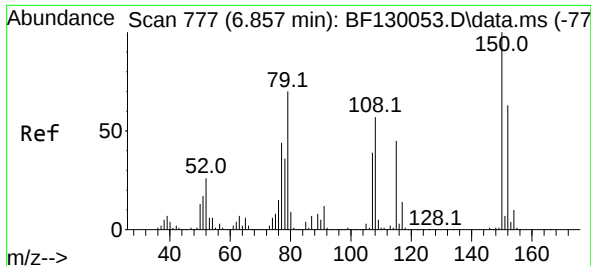
Tgt Ion:146 Resp: 802611
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
111 43.3 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 45.414 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:146 Resp: 769407
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 44.2 37.2 55.8

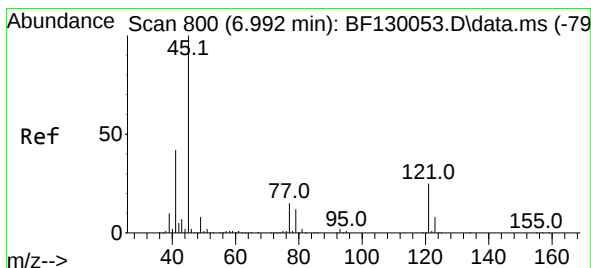
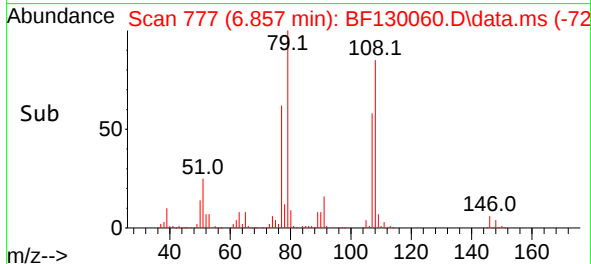
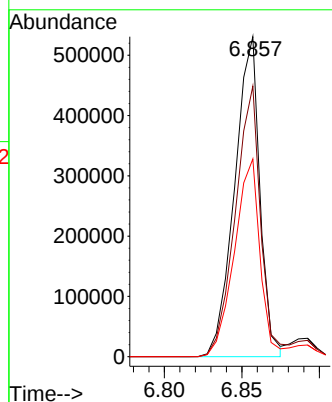
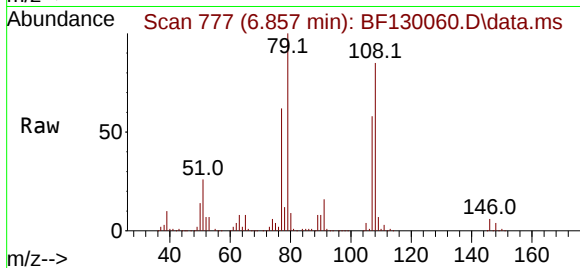




#15
Benzyl Alcohol
Concen: 46.997 ng
RT: 6.857 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

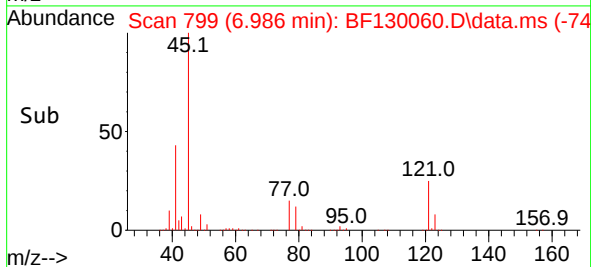
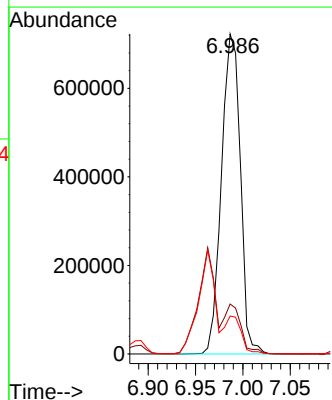
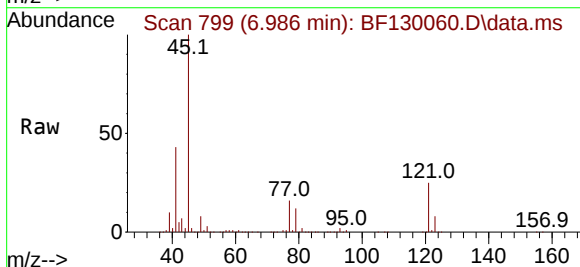
Instrument :
BNA_F
ClientSampleId :
PB147234BS

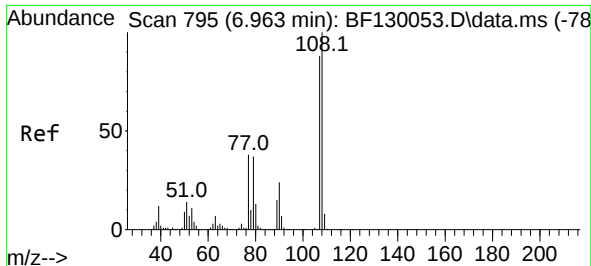
Tgt Ion: 79 Resp: 600568
Ion Ratio Lower Upper
79 100
108 84.6 59.2 88.8
77 61.8 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.352 ng
RT: 6.986 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

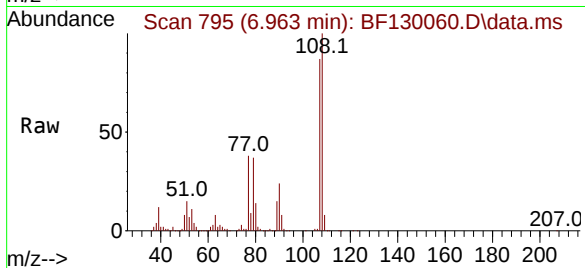
Tgt Ion: 45 Resp: 1003577
Ion Ratio Lower Upper
45 100
77 15.6 27.4 67.4#
79 11.9 24.4 64.4#



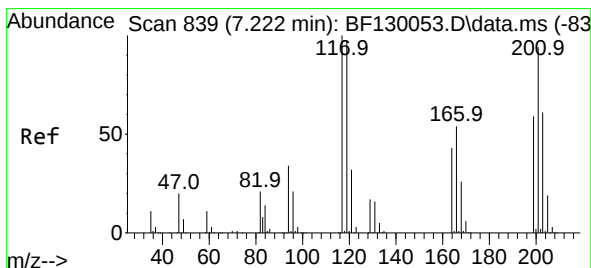
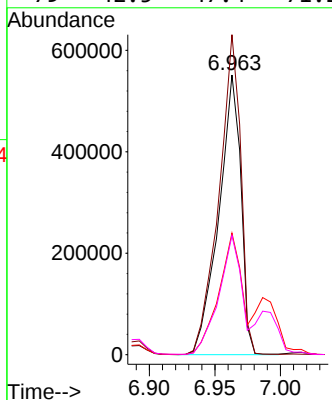


#17
2-Methylphenol
Concen: 45.727 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Instrument :
BNA_F
ClientSampleId :
PB147234BS

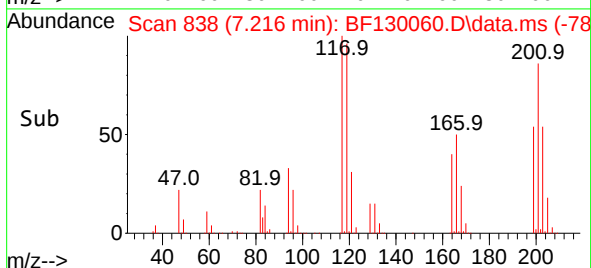
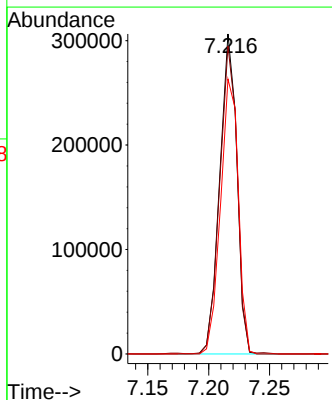
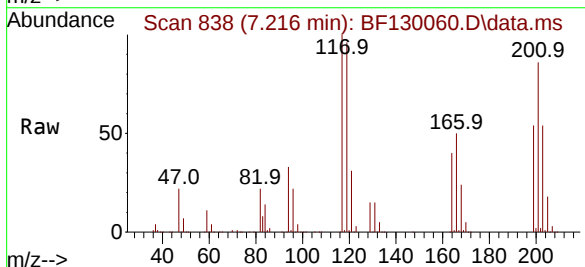


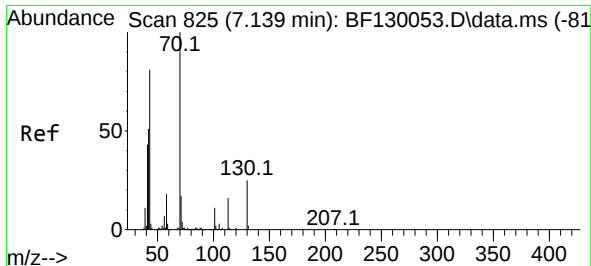
Tgt Ion:	107	Resp:	642126
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.2	135.2
77	43.5	51.8	77.8#
79	42.5	47.4	71.2#



#18
Hexachloroethane
Concen: 44.700 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:	117	Resp:	300844
Ion	Ratio	Lower	Upper
117	100		
119	96.3	79.1	118.7
201	85.9	66.6	100.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.981 ng

RT: 7.134 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

Tgt Ion: 70 Resp: 502328

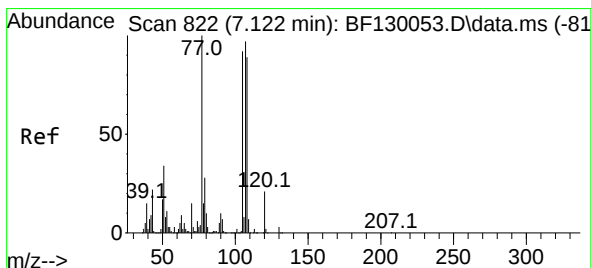
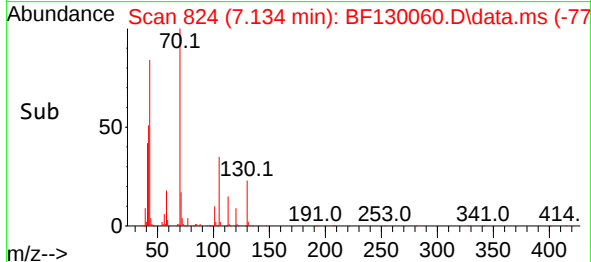
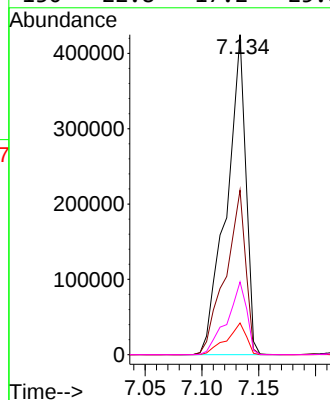
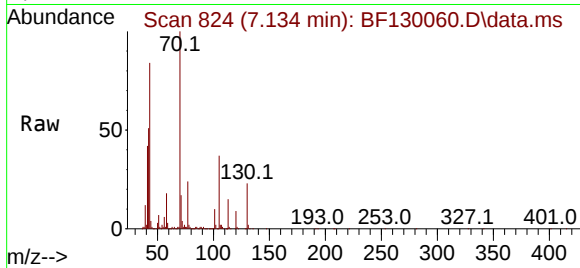
Ion Ratio Lower Upper

70 100

42 51.4 47.6 71.4

101 9.9 8.1 12.1

130 22.8 17.2 25.8



#20

3+4-Methylphenols

Concen: 42.619 ng

RT: 7.122 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Tgt Ion: 107 Resp: 701842

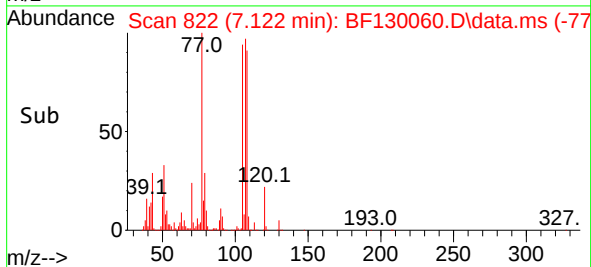
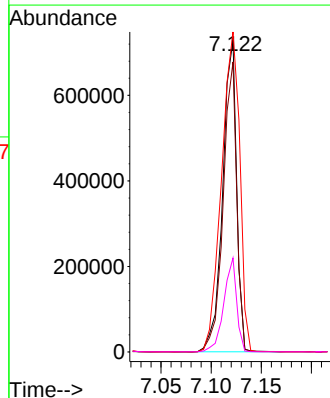
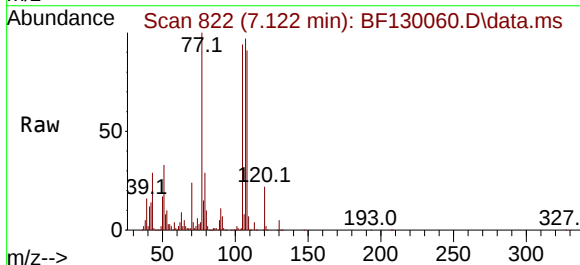
Ion Ratio Lower Upper

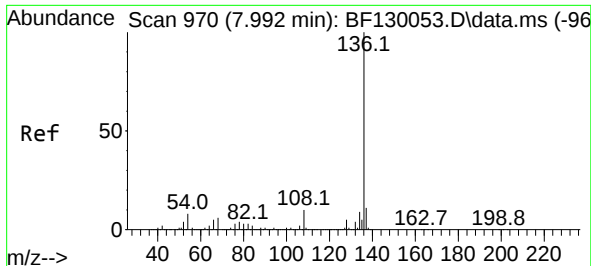
107 100

108 93.0 71.3 111.3

77 102.6 20.4 60.4#

79 30.1 11.1 51.1

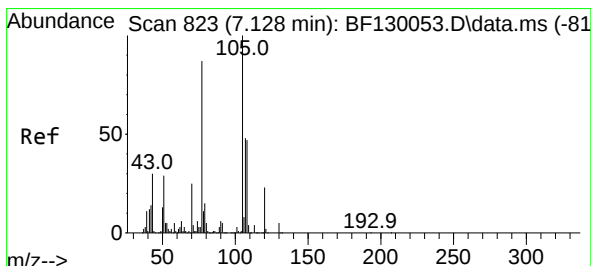
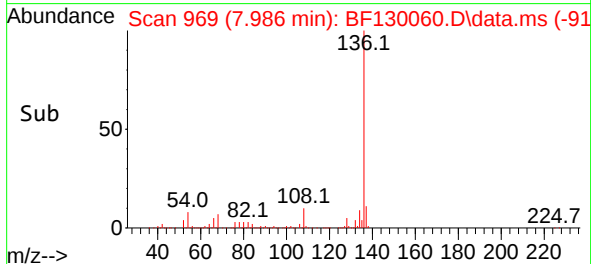
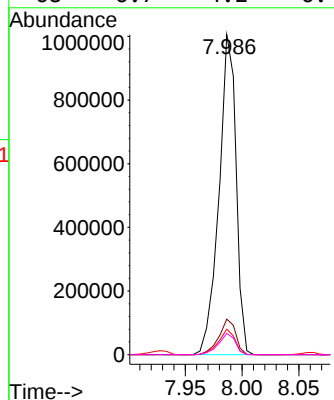
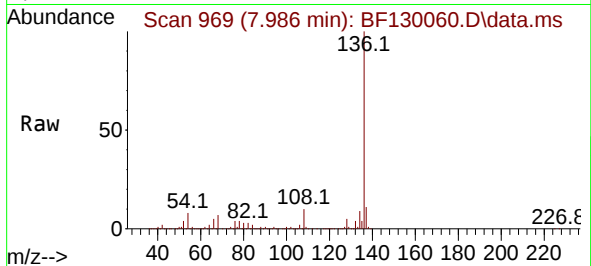




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

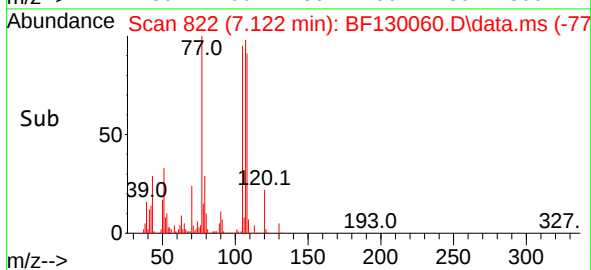
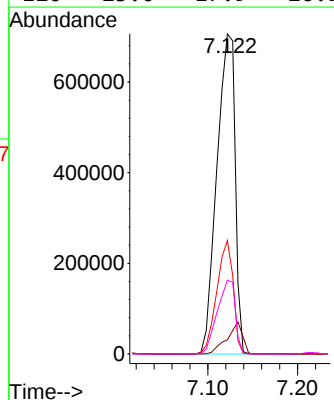
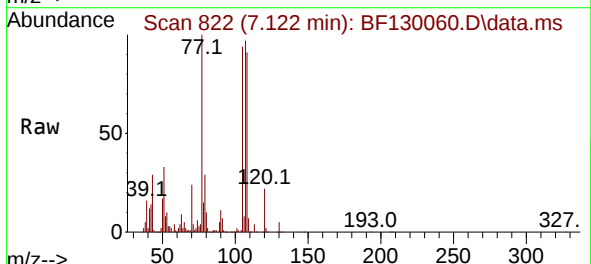
Instrument :
BNA_F
ClientSampleId :
PB147234BS

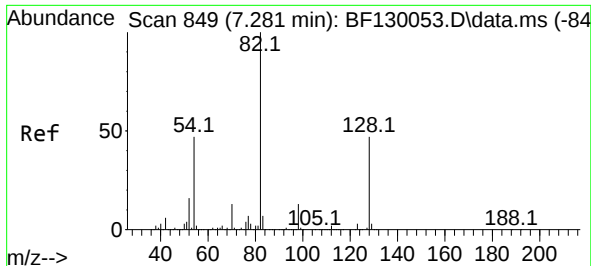
Tgt Ion:136 Resp: 1055474
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.9 6.2 9.2
68 6.7 4.2 6.4#



#22
Acetophenone
Concen: 42.374 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:105 Resp: 999219
Ion Ratio Lower Upper
105 100
71 4.4 6.6 9.8#
51 35.4 23.8 35.8
120 23.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 85.420 ng

RT: 7.275 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

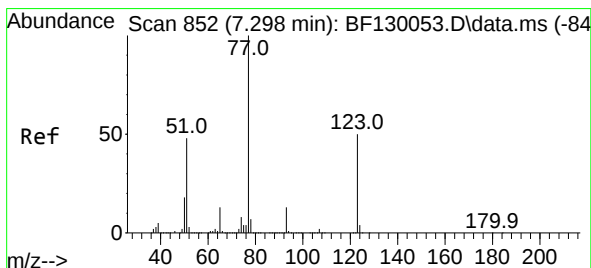
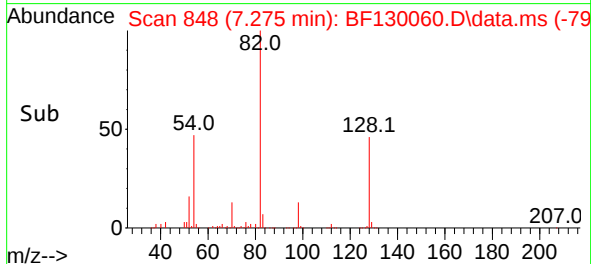
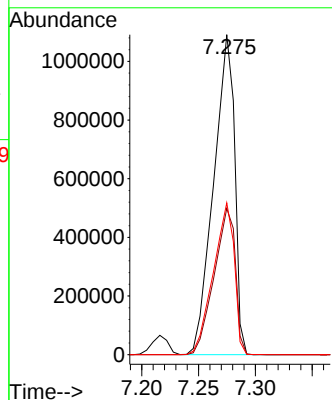
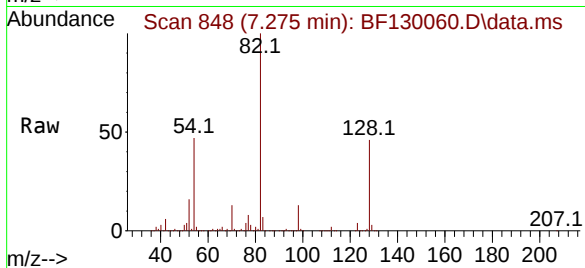
BNA_F

ClientSampleId :

PB147234BS

Tgt Ion: 82 Resp: 1402899

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	47.5	40.0	60.0



#24

Nitrobenzene

Concen: 43.868 ng

RT: 7.292 min Scan# 851

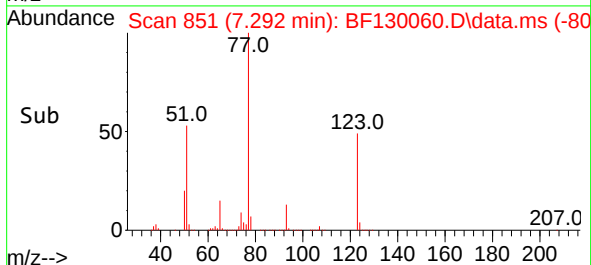
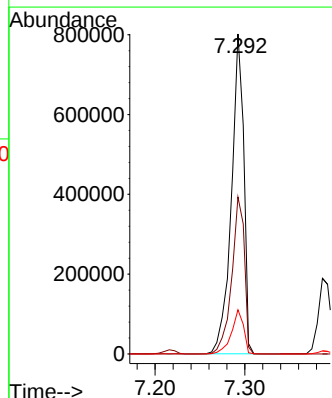
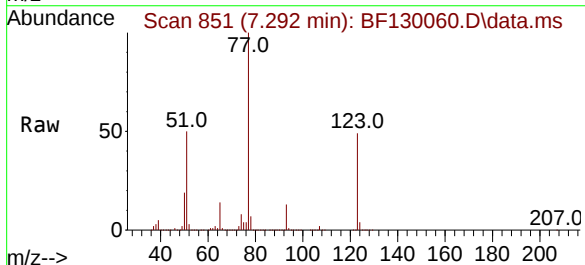
Delta R.T. -0.006 min

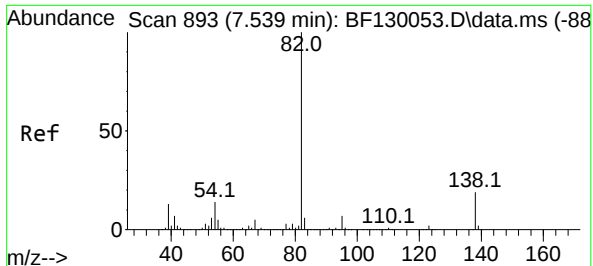
Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Tgt Ion: 77 Resp: 766218

Ion	Ratio	Lower	Upper
77	100		
123	49.1	39.2	58.8
65	13.8	11.1	16.7

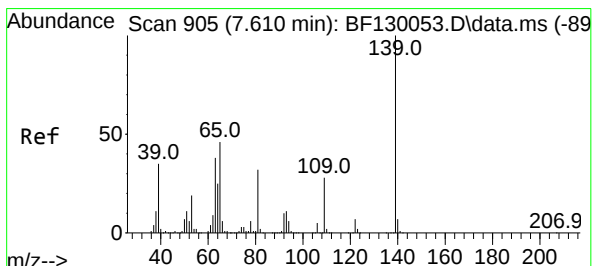
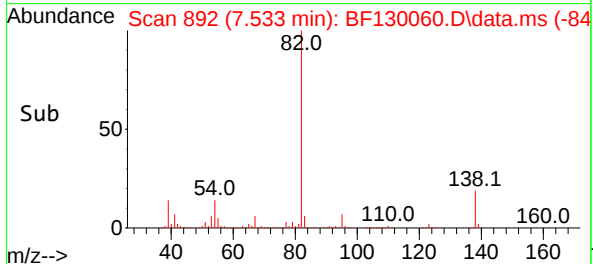
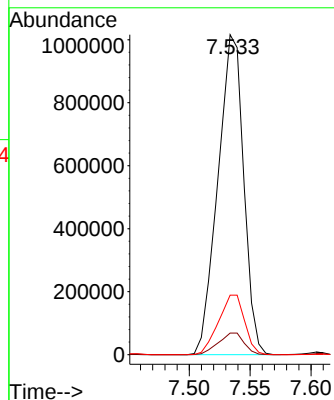
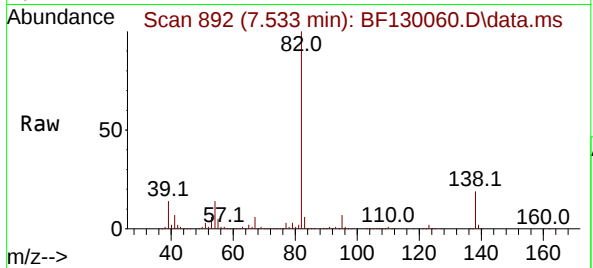




#25
Isophorone
Concen: 44.994 ng
RT: 7.533 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

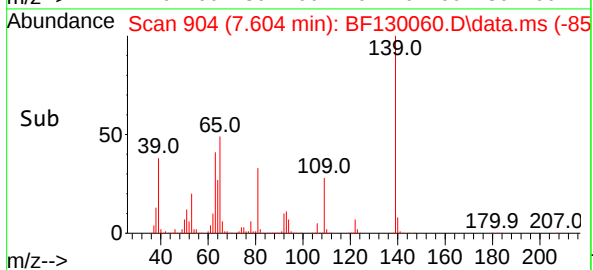
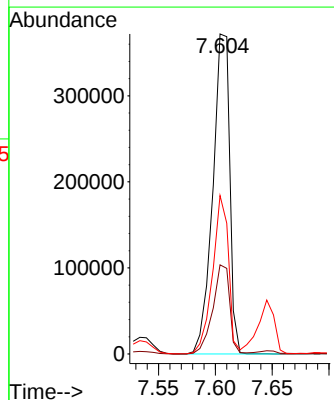
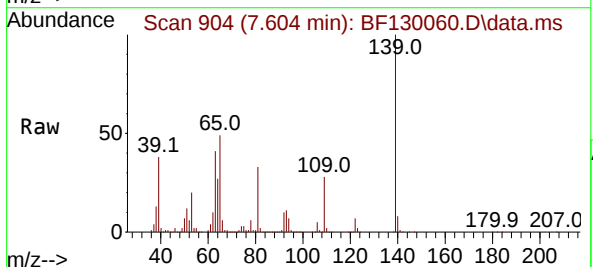
Instrument :
BNA_F
ClientSampleId :
PB147234BS

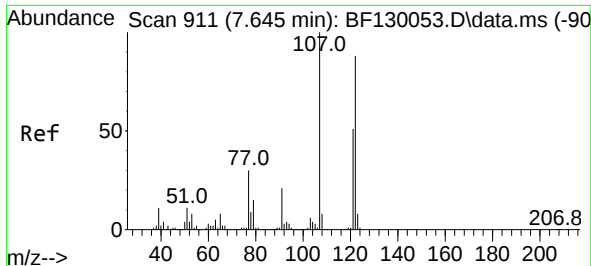
Tgt Ion: 82 Resp: 1495646
Ion Ratio Lower Upper
82 100
95 6.7 5.9 8.9
138 18.6 14.6 21.8



#26
2-Nitrophenol
Concen: 47.134 ng
RT: 7.604 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:139 Resp: 386185
Ion Ratio Lower Upper
139 100
109 27.9 24.4 36.6
65 49.5 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 50.635 ng

RT: 7.645 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF130060.D

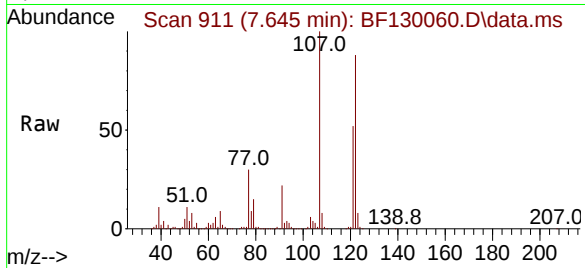
Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS



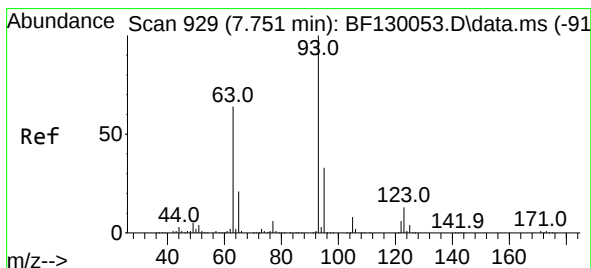
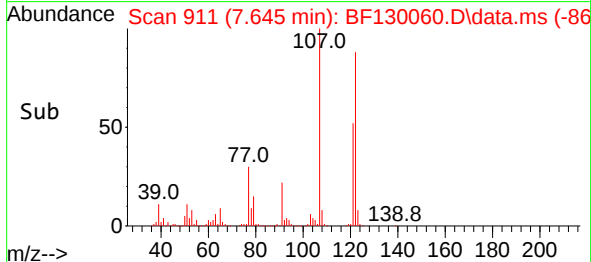
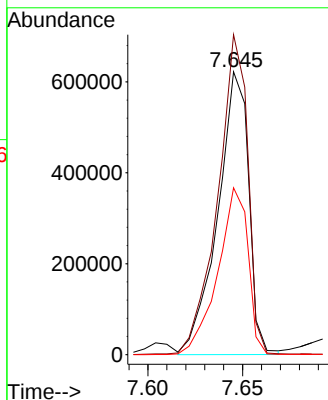
Tgt Ion:122 Resp: 706264

Ion Ratio Lower Upper

122 100

107 113.1 92.2 138.4

121 59.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.113 ng

RT: 7.745 min Scan# 928

Delta R.T. -0.006 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

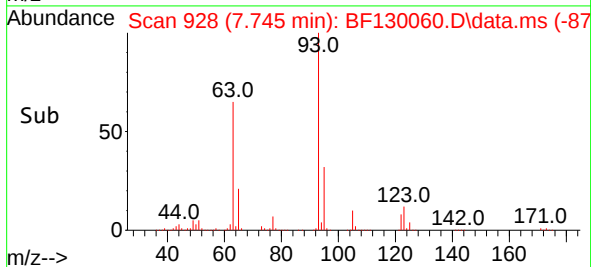
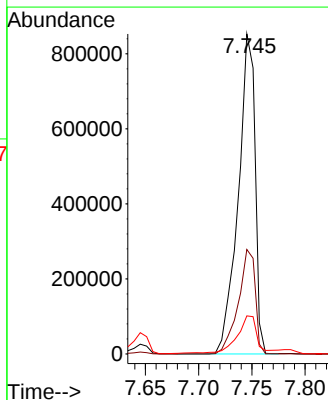
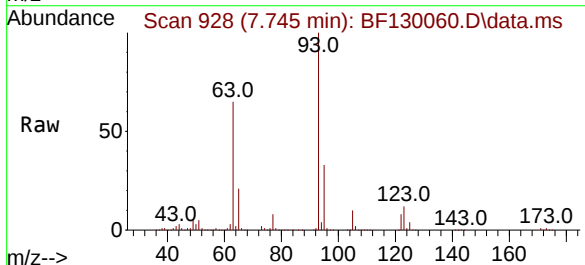
Tgt Ion: 93 Resp: 940747

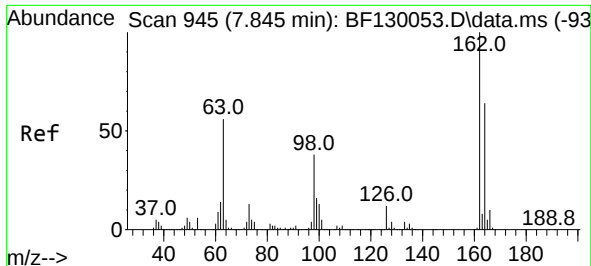
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 11.9 9.0 13.4

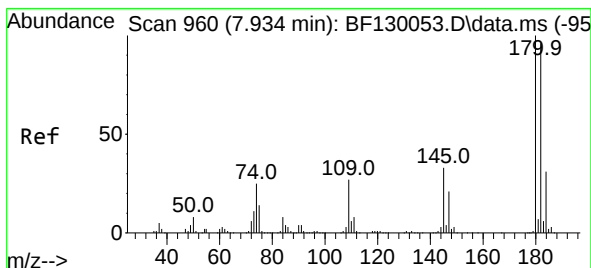
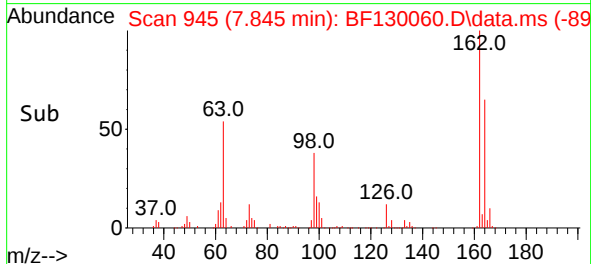
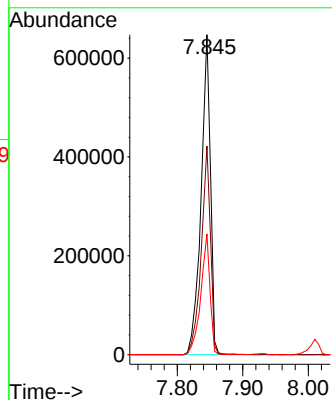
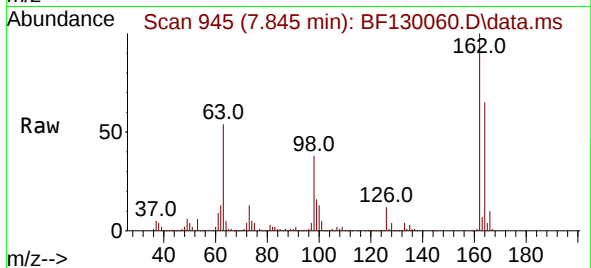




#29
2,4-Dichlorophenol
Concen: 43.552 ng
RT: 7.845 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

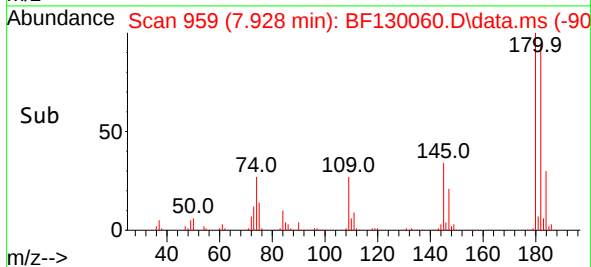
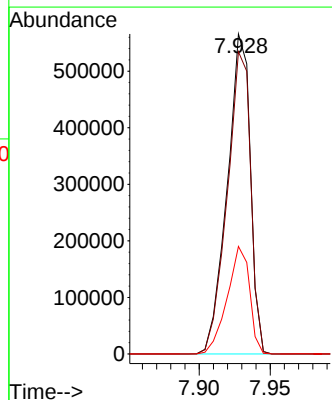
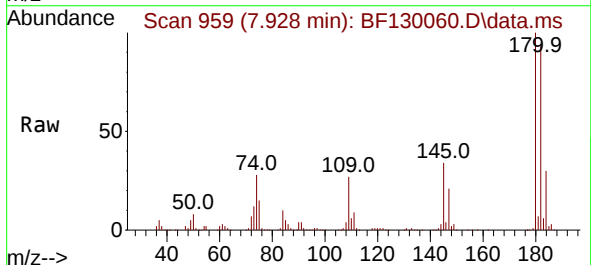
Instrument :
BNA_F
ClientSampleId :
PB147234BS

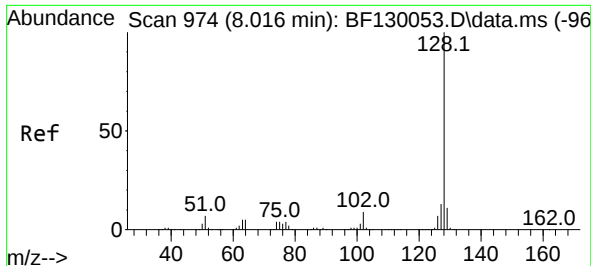
Tgt Ion:162 Resp: 649777
Ion Ratio Lower Upper
162 100
164 65.2 43.7 83.7
98 37.8 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 40.727 ng
RT: 7.928 min Scan# 959
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:180 Resp: 640693
Ion Ratio Lower Upper
180 100
182 94.4 77.6 116.4
145 33.6 25.6 38.4

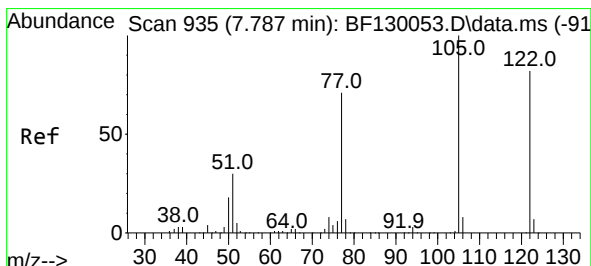
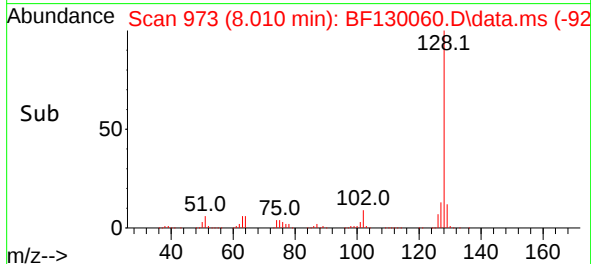
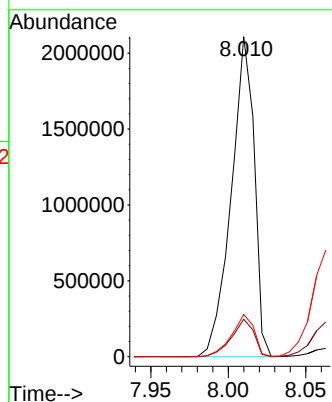
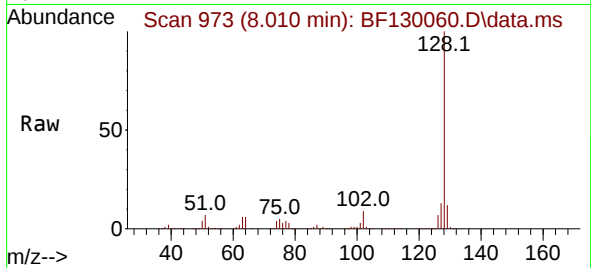




#31
Naphthalene
Concen: 40.830 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

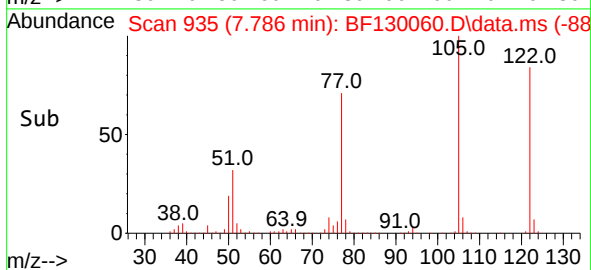
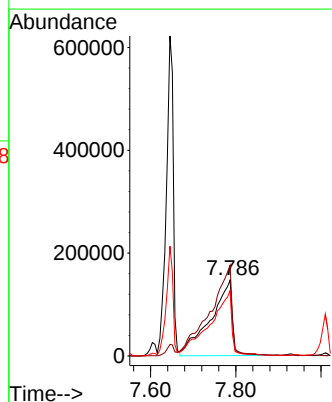
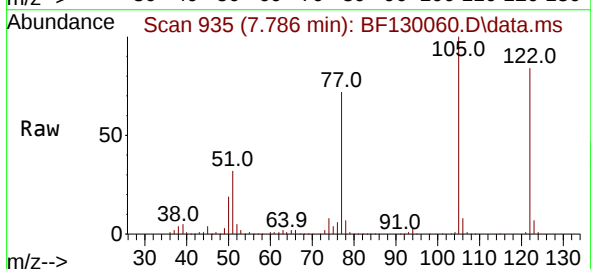
Instrument :
BNA_F
ClientSampleId :
PB147234BS

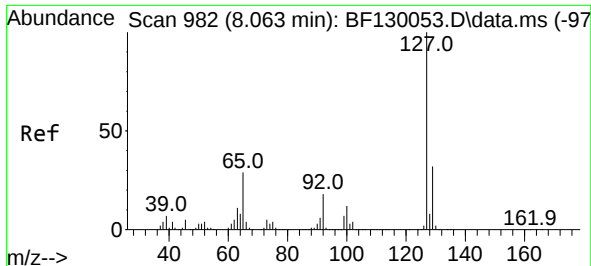
Tgt Ion:128 Resp: 2173494
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 46.236 ng
RT: 7.786 min Scan# 935
Delta R.T. -0.001 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:122 Resp: 523375
Ion Ratio Lower Upper
122 100
105 119.6 99.9 139.9
77 86.0 65.9 105.9

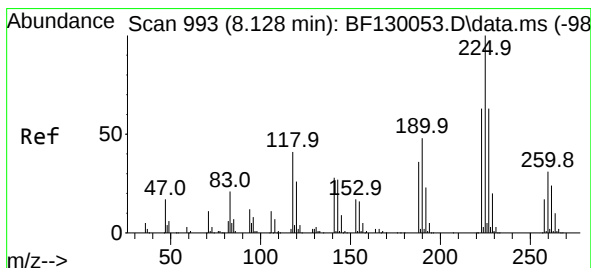
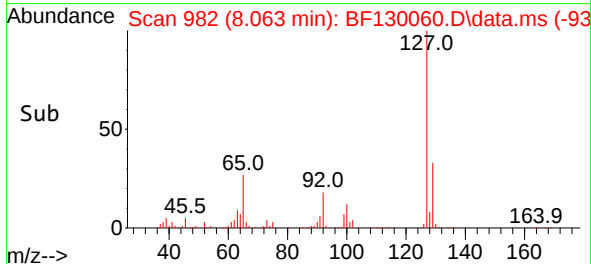
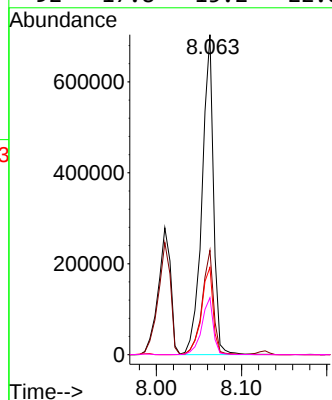
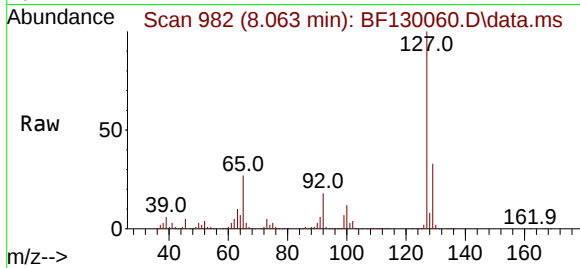




#33
4-Chloroaniline
Concen: 30.590 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

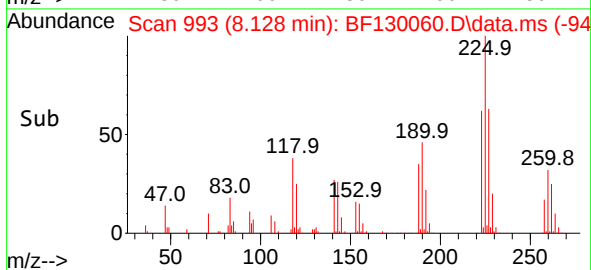
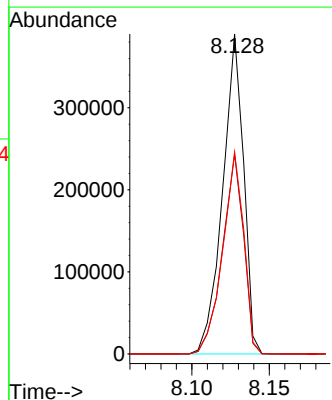
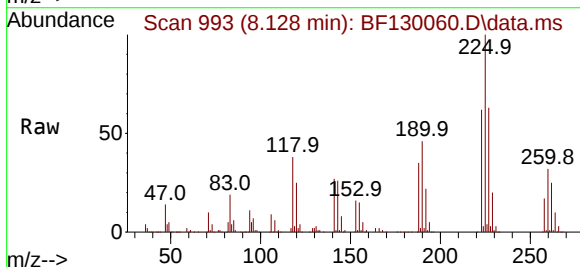
Instrument :
BNA_F
ClientSampleId :
PB147234BS

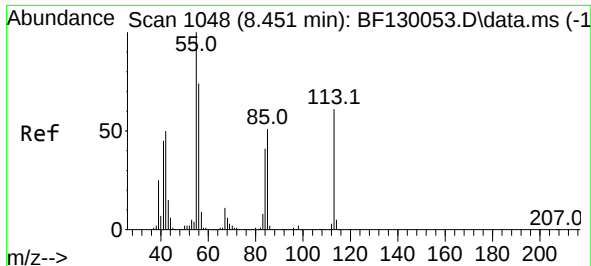
Tgt Ion:	127	Resp:	657903
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	27.3	24.2	36.2
92	17.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.623 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:	225	Resp:	365992
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	63.1	50.6	75.8

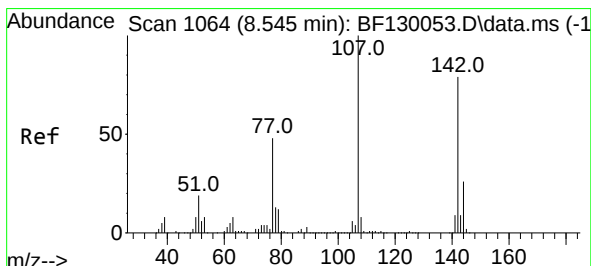
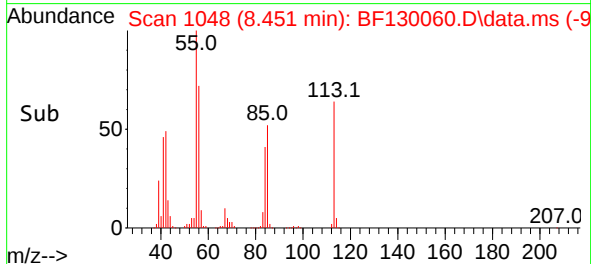
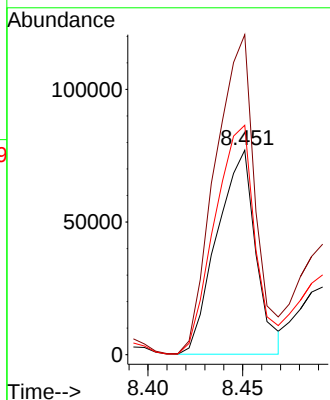
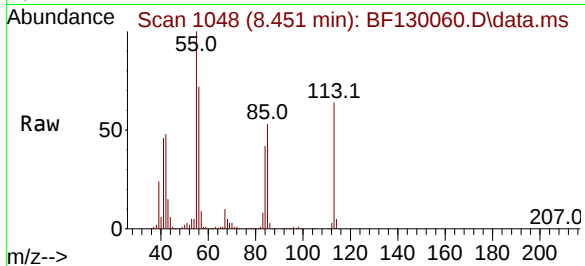




#35
 Caprolactam
 Concen: 23.811 ng
 RT: 8.451 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: BF130060.D
 Acq: 31 Aug 2022 20:02

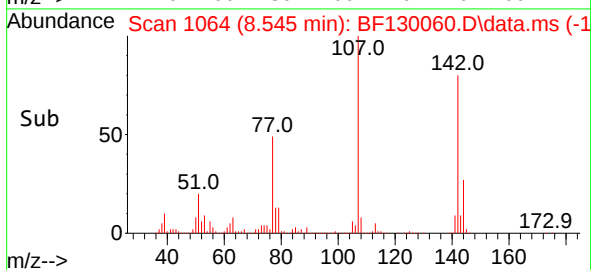
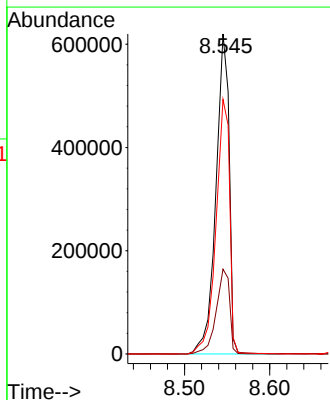
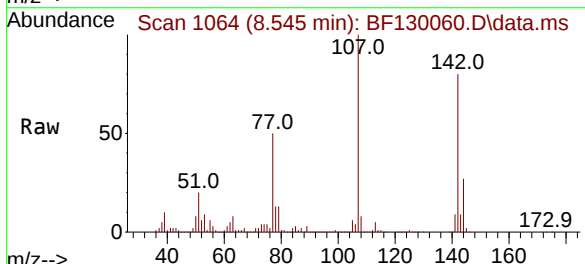
Instrument :
 BNA_F
 ClientSampleId :
 PB147234BS

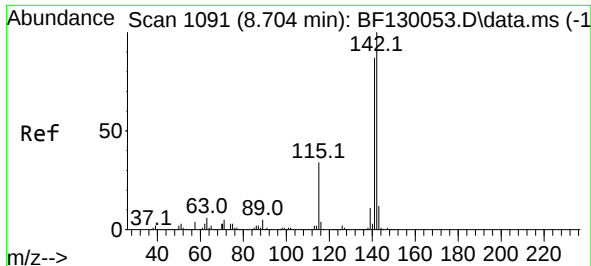
Tgt Ion:113 Resp: 110089
 Ion Ratio Lower Upper
 113 100
 55 156.5 148.8 188.8
 56 112.2 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.333 ng
 RT: 8.545 min Scan# 1064
 Delta R.T. -0.000 min
 Lab File: BF130060.D
 Acq: 31 Aug 2022 20:02

Tgt Ion:107 Resp: 669297
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.9 29.9
 142 79.5 60.2 90.4





#37

2-Methylnaphthalene

Concen: 41.279 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

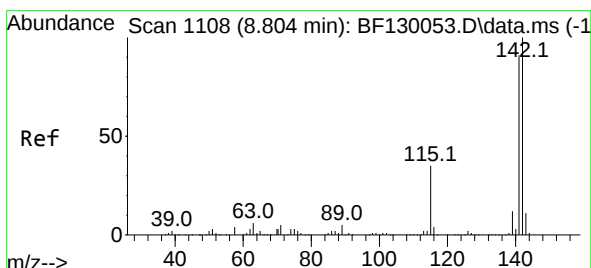
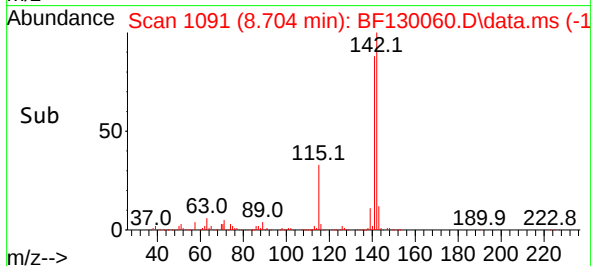
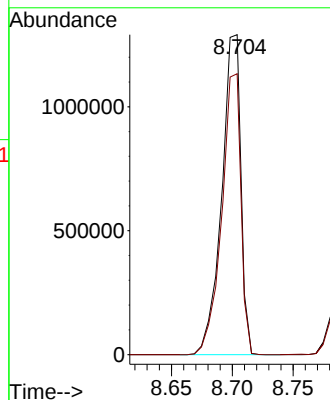
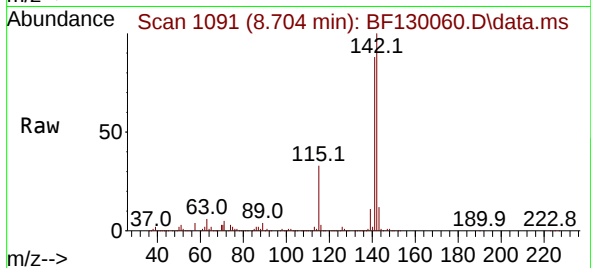
PB147234BS

Tgt Ion:142 Resp: 1415499

Ion Ratio Lower Upper

142 100

141 87.8 70.9 106.3



#38

1-Methylnaphthalene

Concen: 40.600 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130060.D

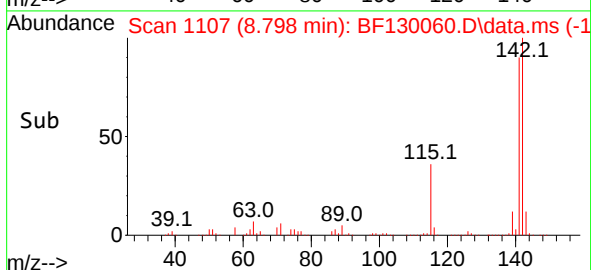
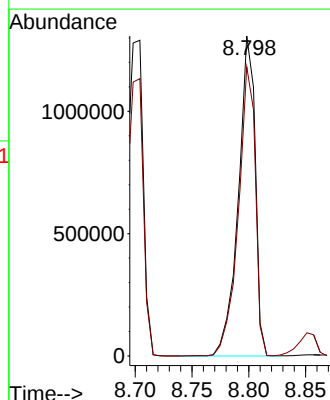
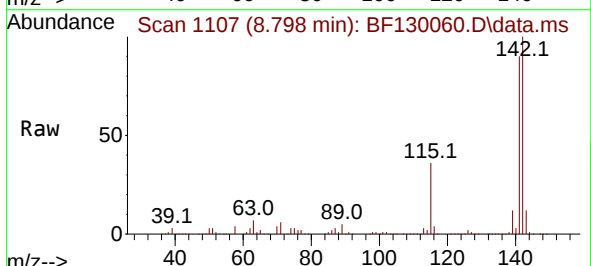
Acq: 31 Aug 2022 20:02

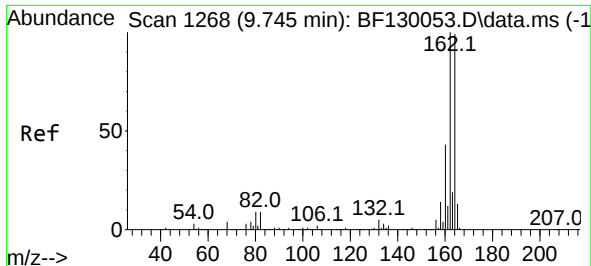
Tgt Ion:142 Resp: 1353231

Ion Ratio Lower Upper

142 100

141 90.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130060.D

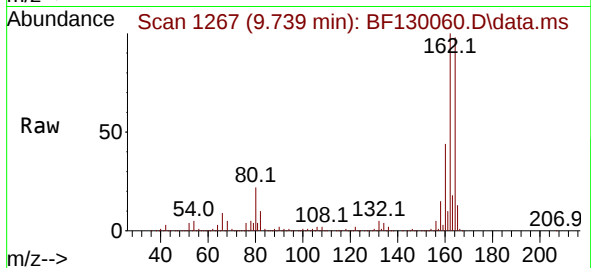
Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS



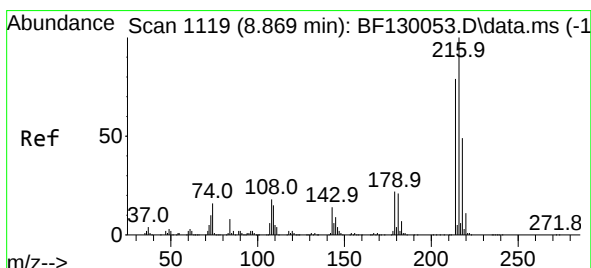
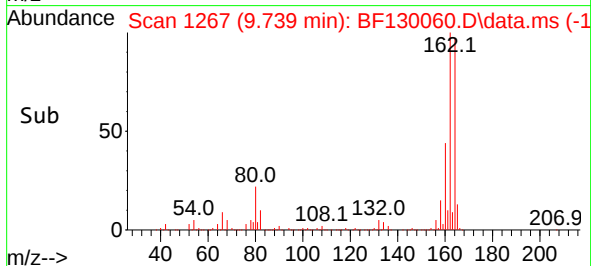
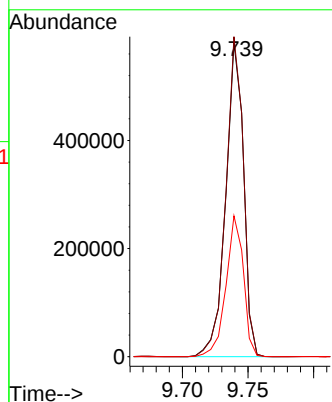
Tgt Ion:164 Resp: 549010

Ion Ratio Lower Upper

164 100

162 101.8 82.0 123.0

160 44.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.337 ng

RT: 8.869 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Tgt Ion:216 Resp: 577469

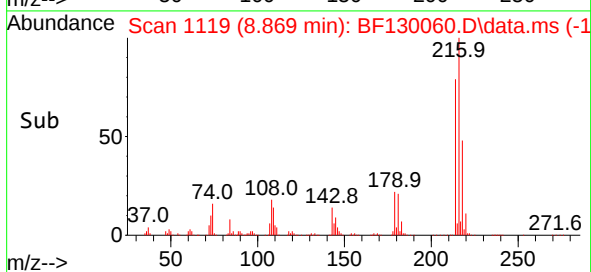
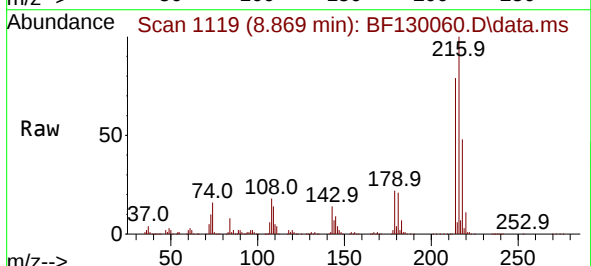
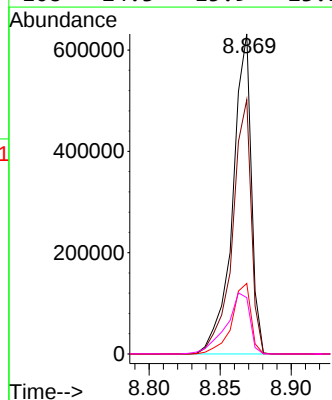
Ion Ratio Lower Upper

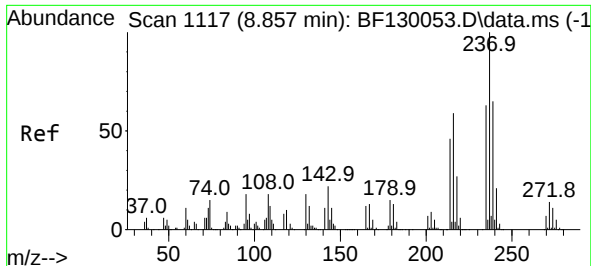
216 100

214 79.9 63.1 94.7

179 22.5 18.1 27.1

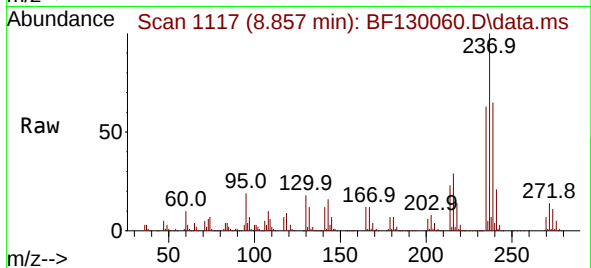
108 24.3 15.9 23.9#



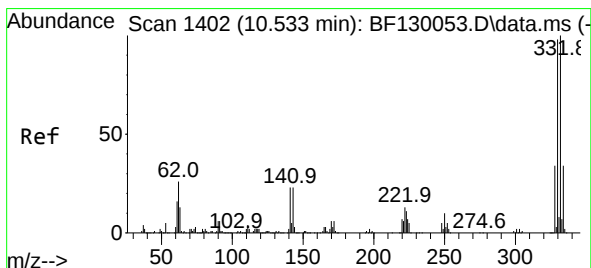
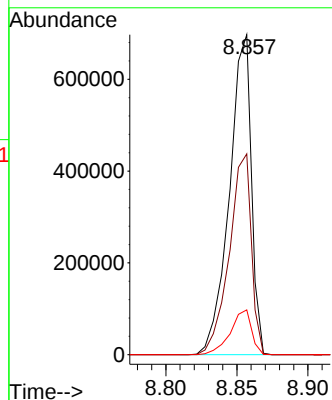
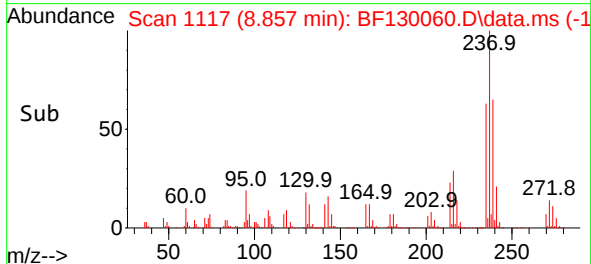


#41
Hexachlorocyclopentadiene
Concen: 100.281 ng
RT: 8.857 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

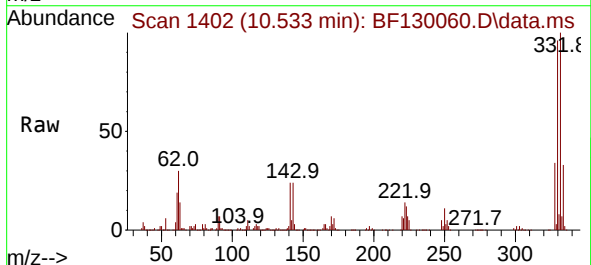
Instrument :
BNA_F
ClientSampleId :
PB147234BS



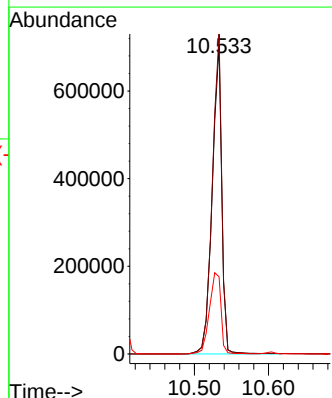
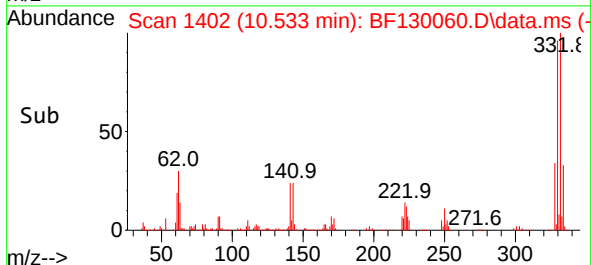
Tgt Ion:237 Resp: 750278
Ion Ratio Lower Upper
237 100
235 62.7 41.5 81.5
272 14.0 0.0 33.3

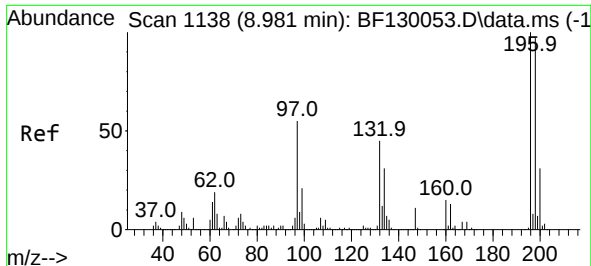


#42
2,4,6-Tribromophenol
Concen: 126.518 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02



Tgt Ion:330 Resp: 632275
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 31.7 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 43.242 ng

RT: 8.980 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

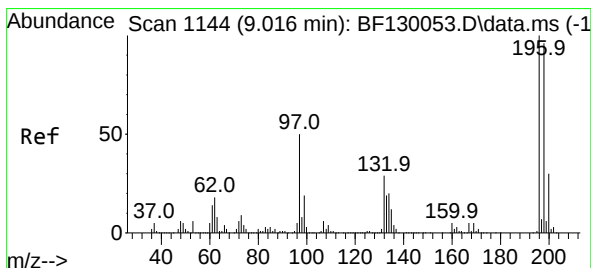
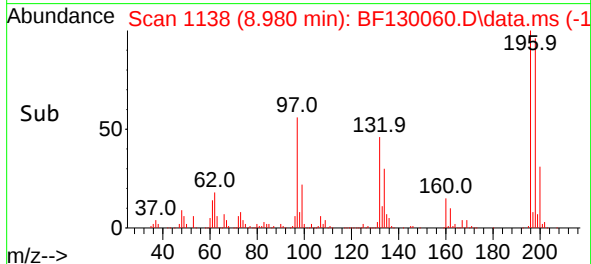
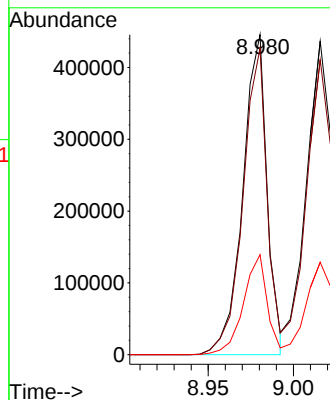
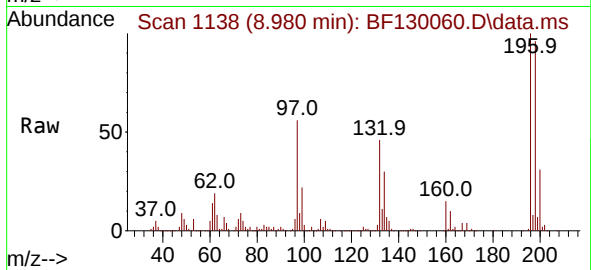
Tgt Ion:196 Resp: 441880

Ion Ratio Lower Upper

196 100

198 95.8 79.0 118.4

200 31.2 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 42.391 ng

RT: 9.016 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Tgt Ion:196 Resp: 469525

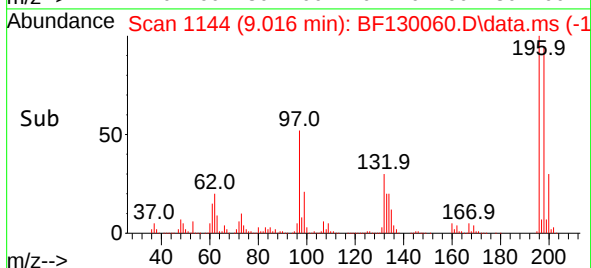
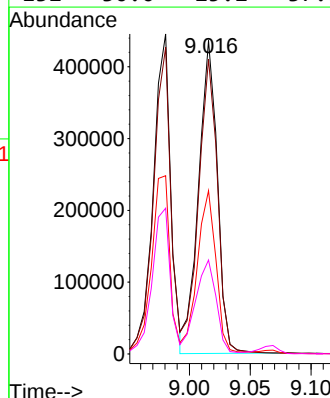
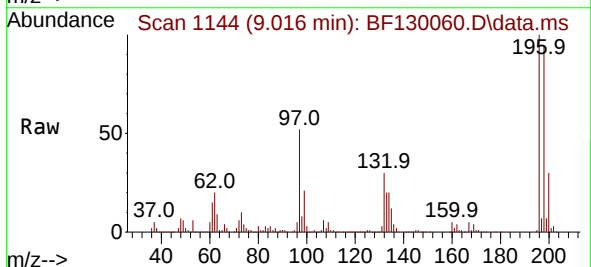
Ion Ratio Lower Upper

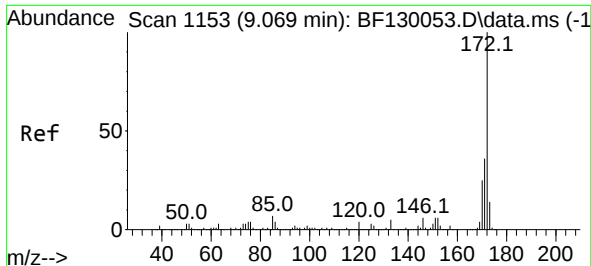
196 100

198 94.1 76.4 114.6

97 52.1 46.5 69.7

132 30.0 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 75.022 ng

RT: 9.069 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

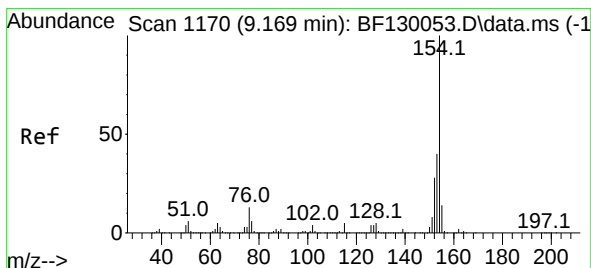
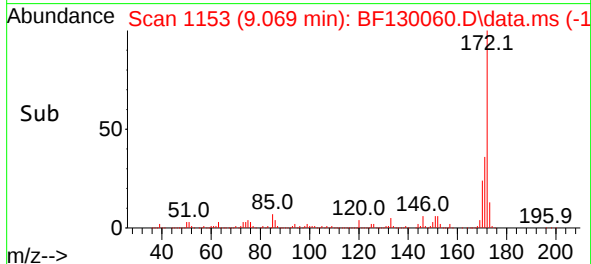
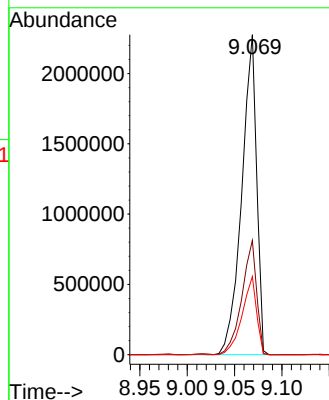
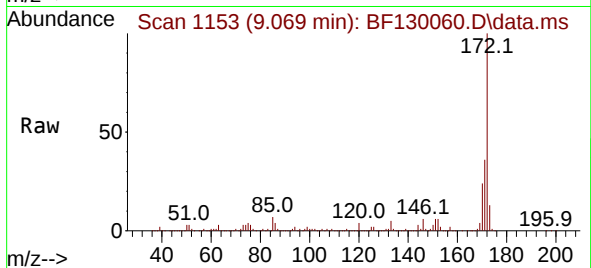
Tgt Ion:172 Resp: 2484266

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.486 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

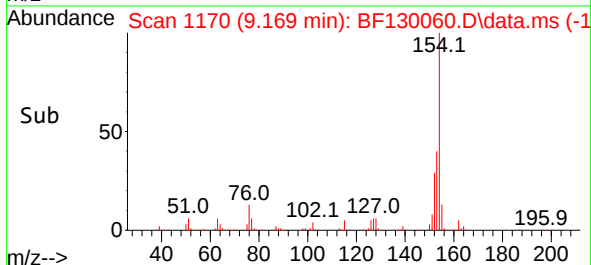
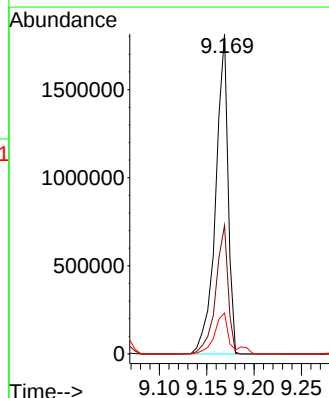
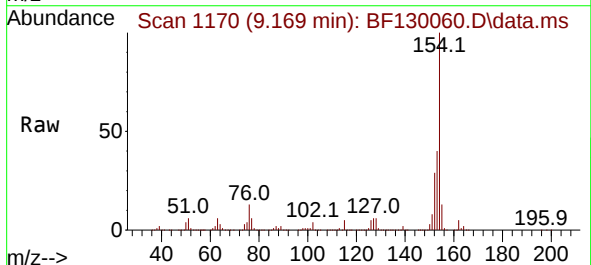
Tgt Ion:154 Resp: 1654711

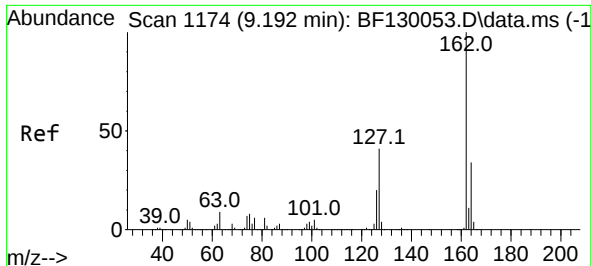
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 12.8 0.0 32.1





#47

2-Chloronaphthalene

Concen: 40.615 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

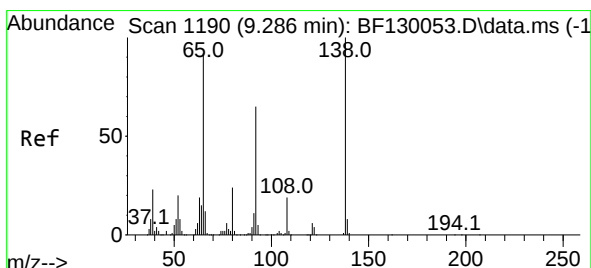
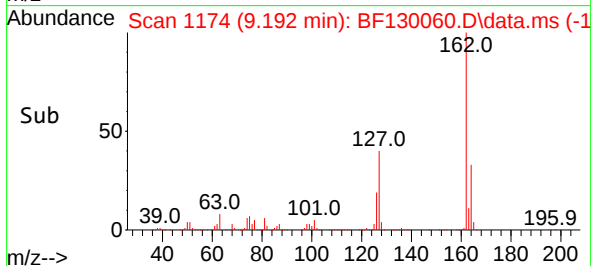
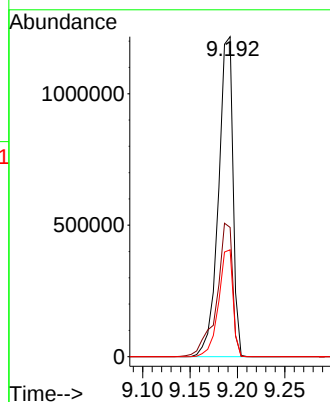
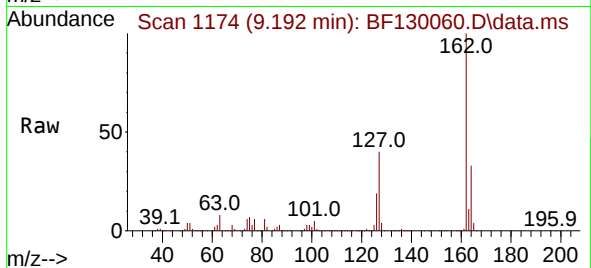
Tgt Ion:162 Resp: 1297987

Ion Ratio Lower Upper

162 100

127 40.4 33.1 49.7

164 33.4 26.7 40.1



#48

2-Nitroaniline

Concen: 49.831 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

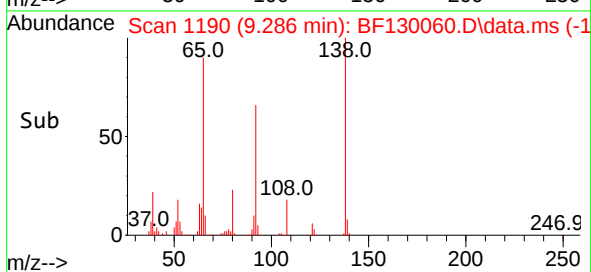
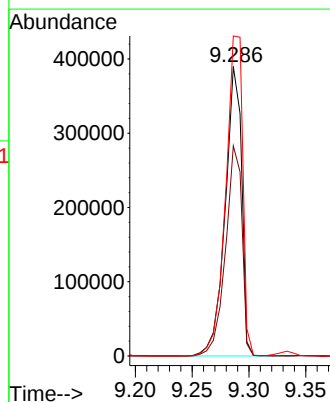
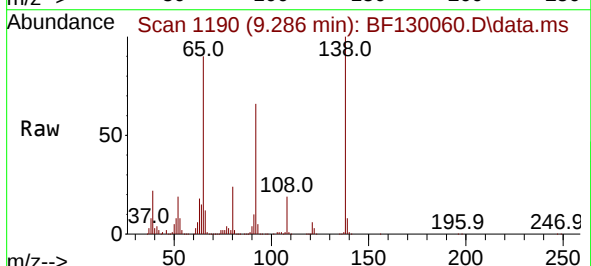
Tgt Ion: 65 Resp: 392435

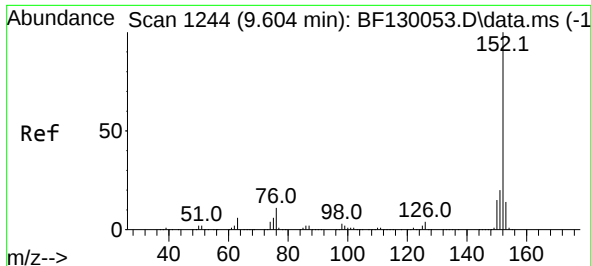
Ion Ratio Lower Upper

65 100

92 72.6 55.0 82.4

138 110.6 81.3 121.9

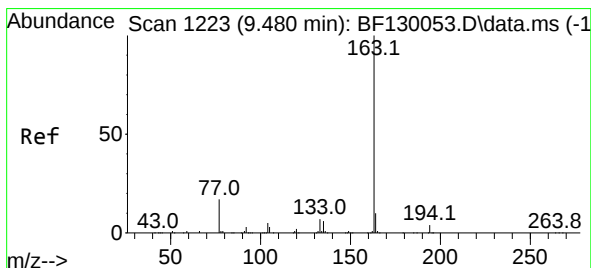
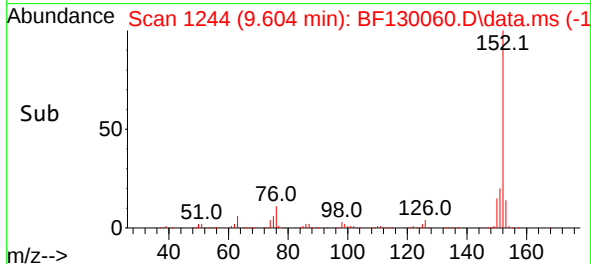
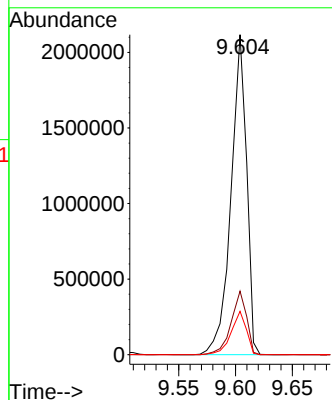
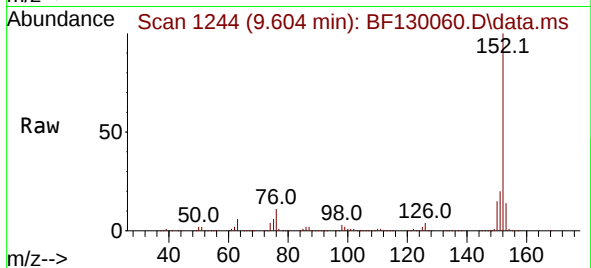




#49
Acenaphthylene
Concen: 41.518 ng
RT: 9.604 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

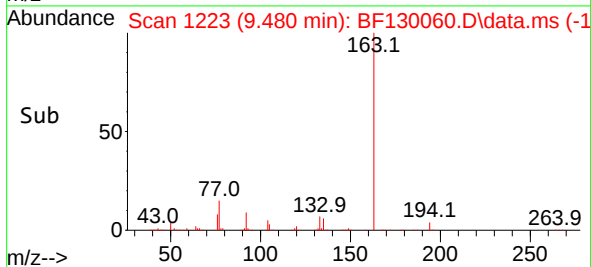
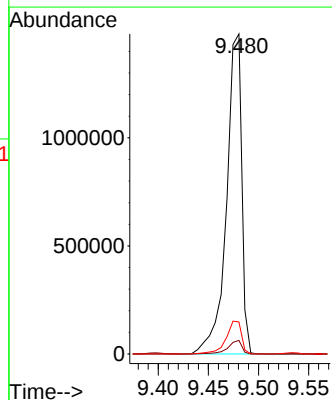
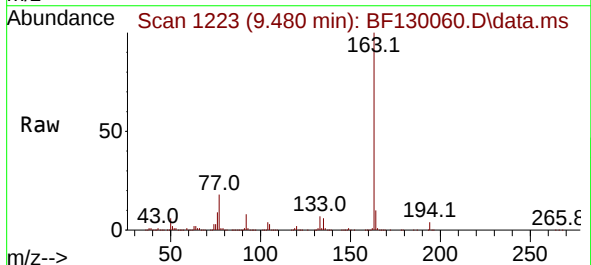
Instrument :
BNA_F
ClientSampleId :
PB147234BS

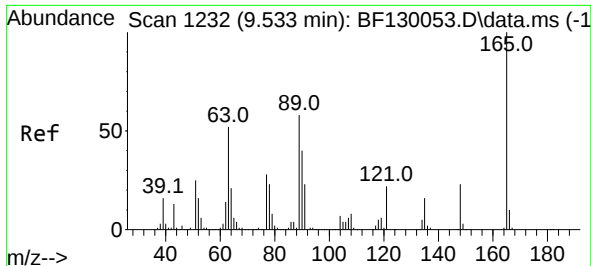
Tgt Ion:152 Resp: 2014846
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.6 10.6 16.0



#50
Dimethylphthalate
Concen: 41.748 ng
RT: 9.480 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:163 Resp: 1561146
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.970 ng

RT: 9.533 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

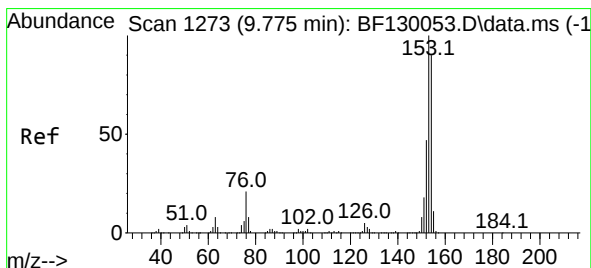
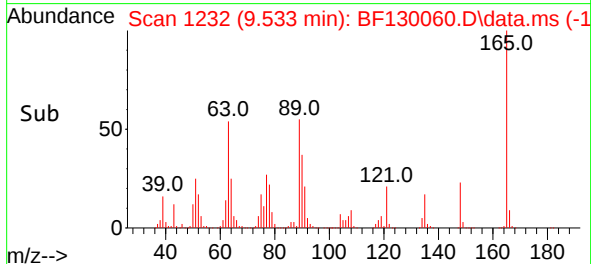
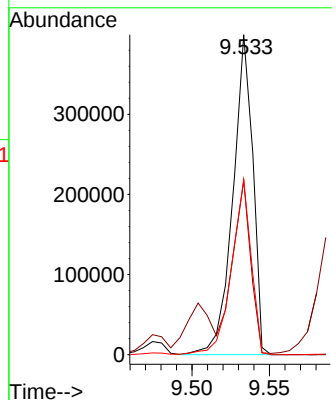
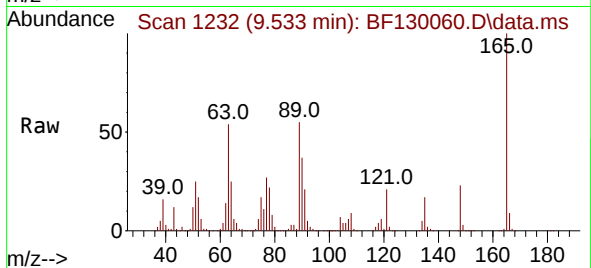
Tgt Ion:165 Resp: 357028

Ion Ratio Lower Upper

165 100

63 54.4 47.8 71.8

89 54.6 47.2 70.8



#52

Acenaphthene

Concen: 39.481 ng

RT: 9.775 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

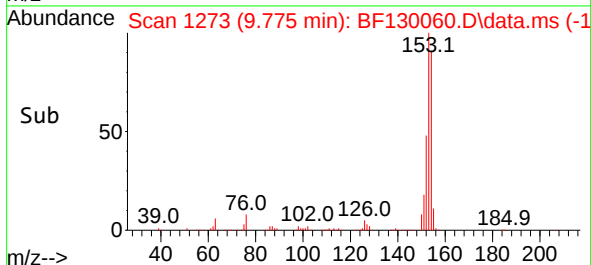
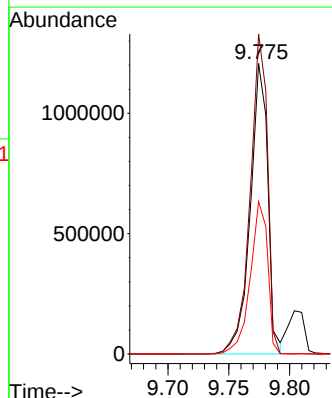
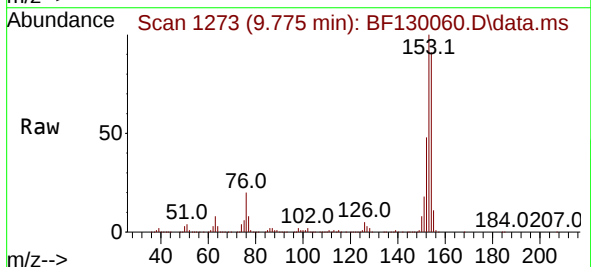
Tgt Ion:154 Resp: 1207496

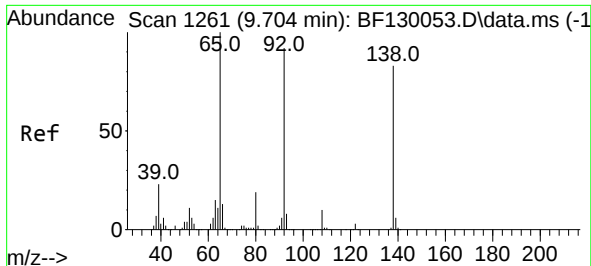
Ion Ratio Lower Upper

154 100

153 110.2 89.8 134.6

152 52.5 42.1 63.1

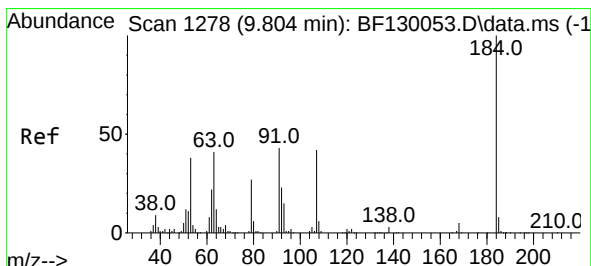
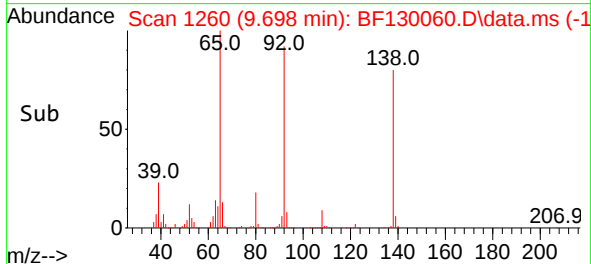
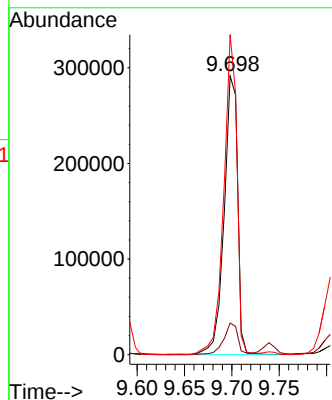
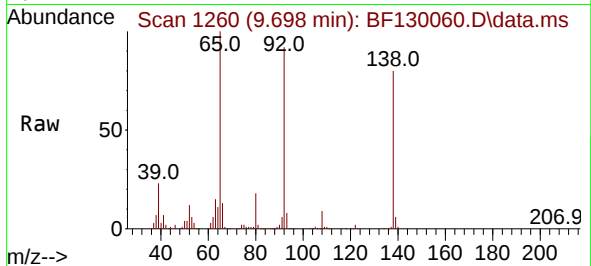




#53
3-Nitroaniline
Concen: 34.708 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

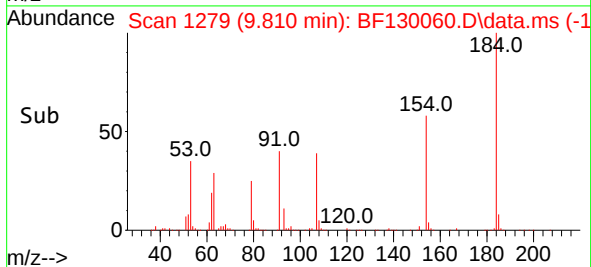
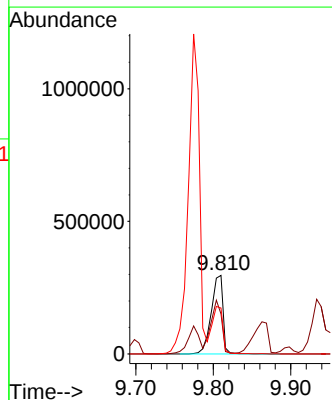
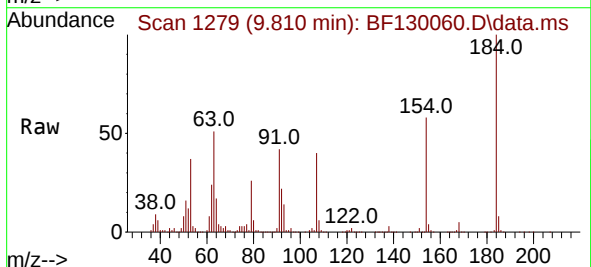
Instrument :
BNA_F
ClientSampleId :
PB147234BS

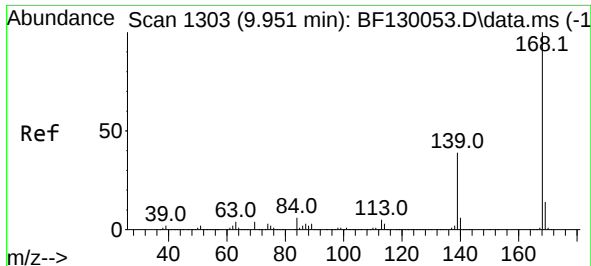
Tgt Ion:138 Resp: 290447
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 114.8 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 92.825 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:184 Resp: 312025
Ion Ratio Lower Upper
184 100
63 50.9 59.6 89.4#
154 58.4 55.3 82.9





#55

Dibenzofuran

Concen: 40.396 ng

RT: 9.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

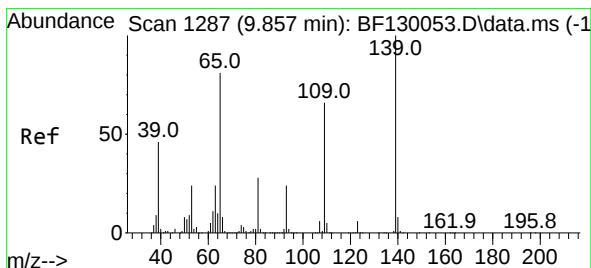
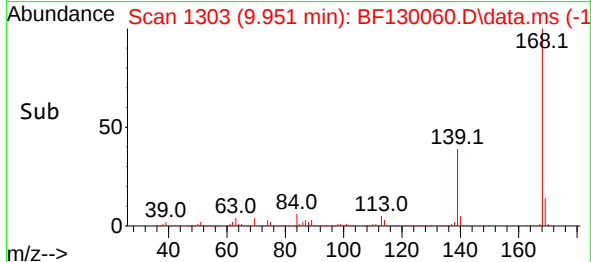
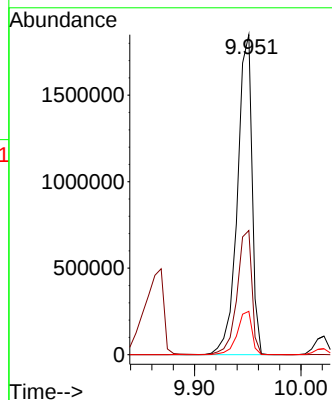
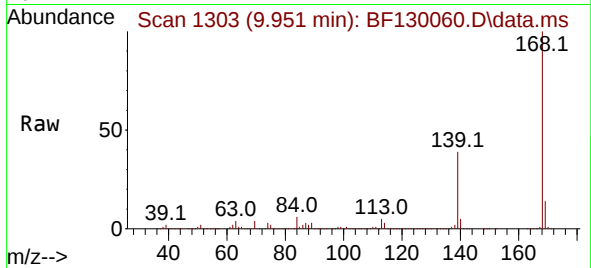
Tgt Ion:168 Resp: 1769150

Ion Ratio Lower Upper

168 100

139 38.8 31.3 46.9

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 97.009 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.012 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

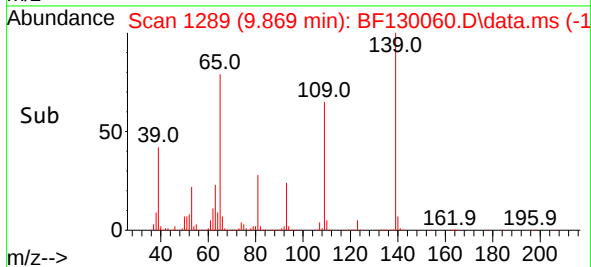
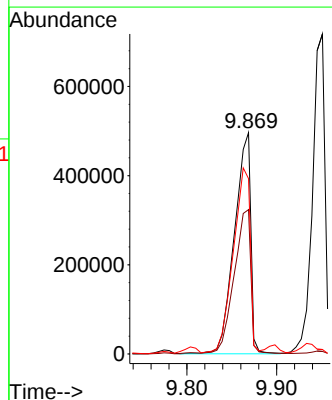
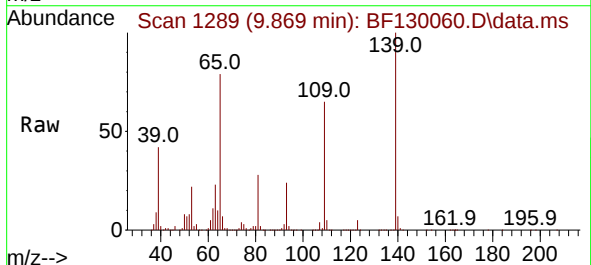
Tgt Ion:139 Resp: 625864

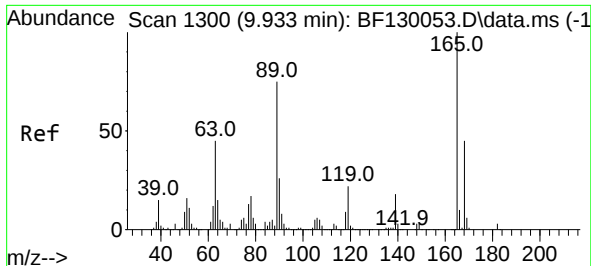
Ion Ratio Lower Upper

139 100

109 65.3 52.9 92.9

65 79.3 79.5 119.5#

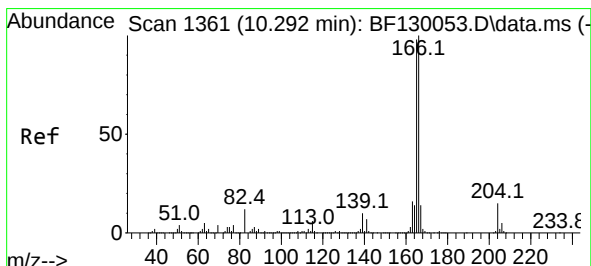
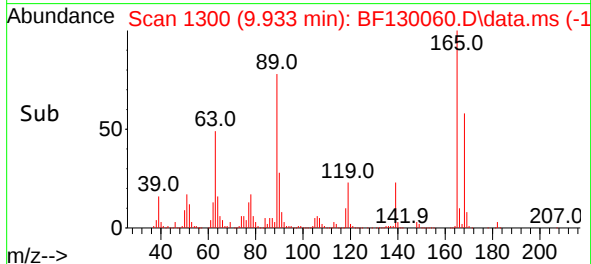
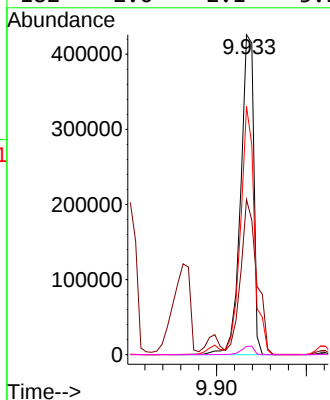
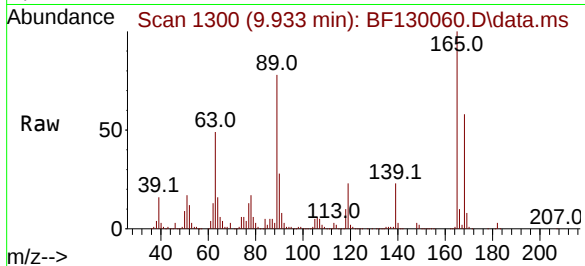




#57
2,4-Dinitrotoluene
Concen: 51.536 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

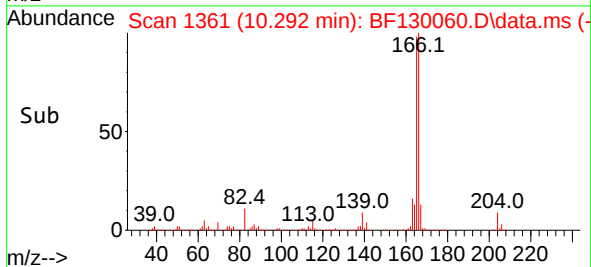
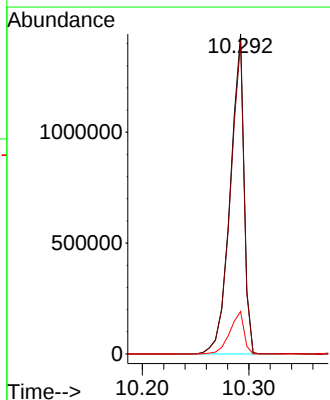
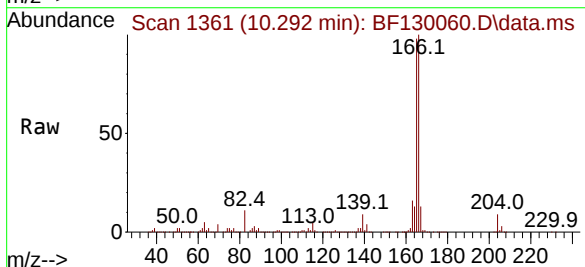
Instrument :
BNA_F
ClientSampleId :
PB147234BS

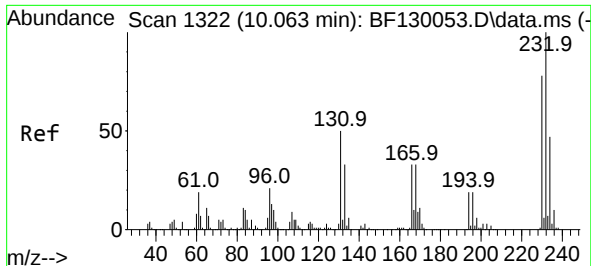
Tgt Ion:165 Resp: 432595
Ion Ratio Lower Upper
165 100
63 48.5 48.4 72.6
89 77.6 62.3 93.5
182 2.6 2.1 3.1



#58
Fluorene
Concen: 39.040 ng
RT: 10.292 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:166 Resp: 1300933
Ion Ratio Lower Upper
166 100
165 97.7 77.9 116.9
167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.609 ng

RT: 10.063 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

Tgt Ion:232 Resp: 357944

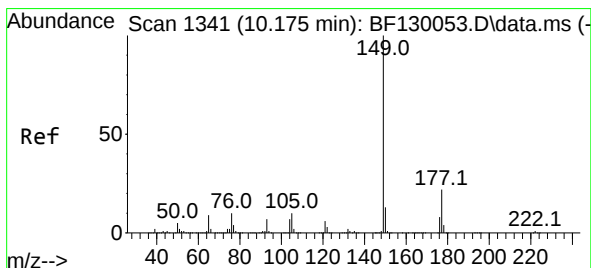
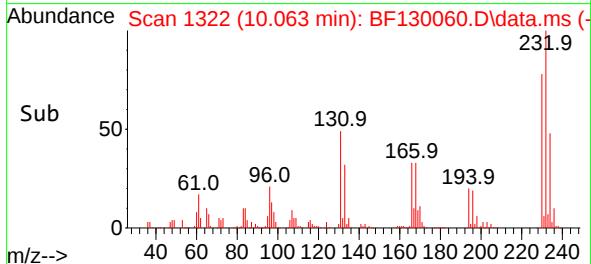
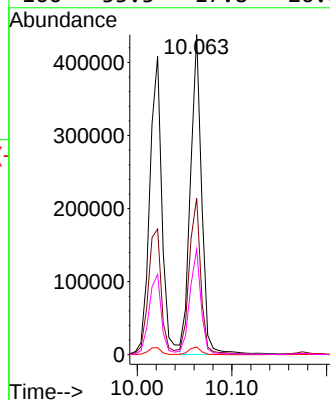
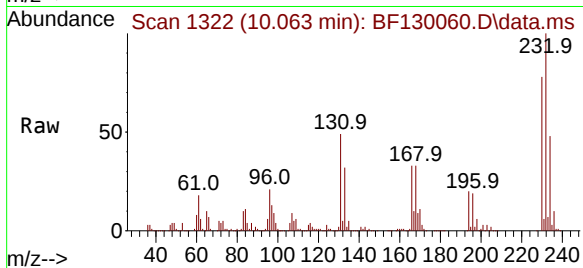
Ion Ratio Lower Upper

232 100

131 50.6 29.9 44.9#

130 2.6 1.5 2.3#

166 33.3 17.8 26.8#



#60

Diethylphthalate

Concen: 41.874 ng

RT: 10.174 min Scan# 1341

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

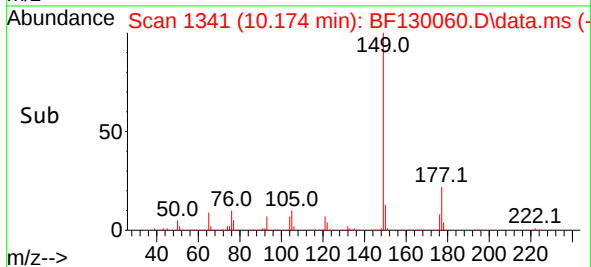
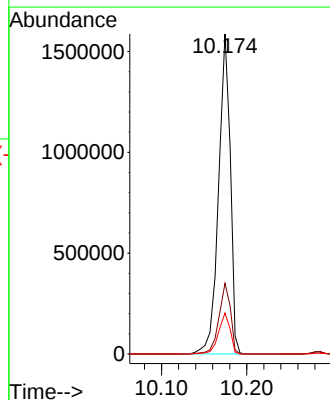
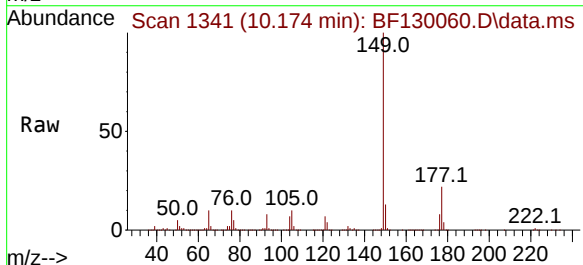
Tgt Ion:149 Resp: 1514831

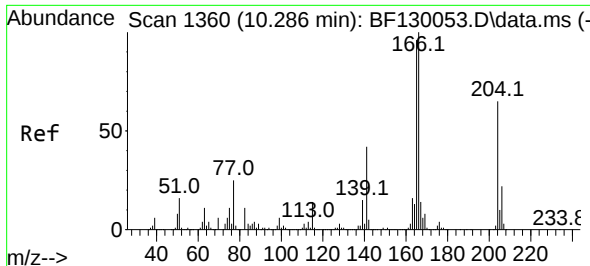
Ion Ratio Lower Upper

149 100

177 22.0 17.7 26.5

150 12.8 10.1 15.1

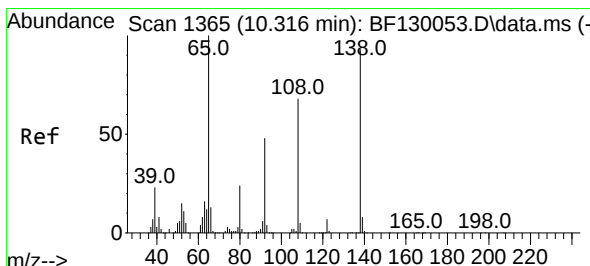
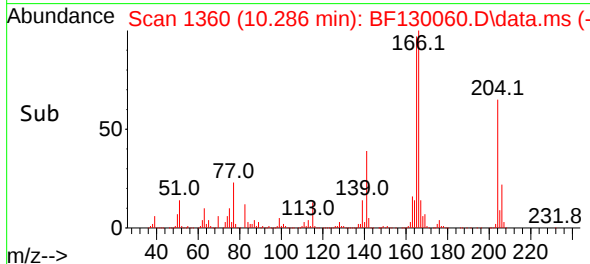
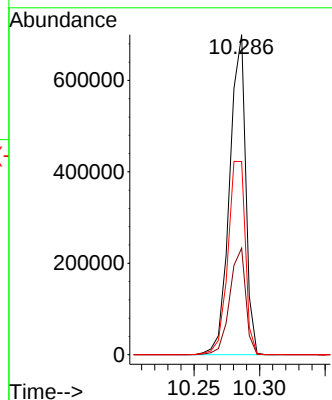
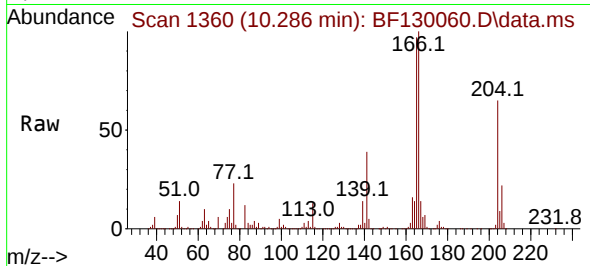




#61
4-Chlorophenyl-phenylether
Concen: 40.468 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

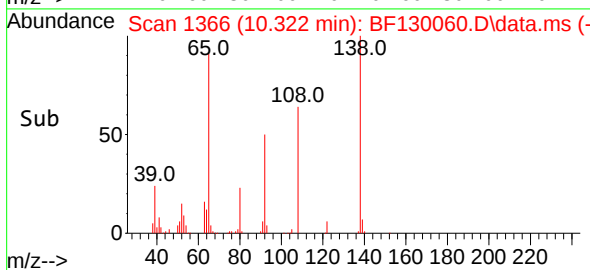
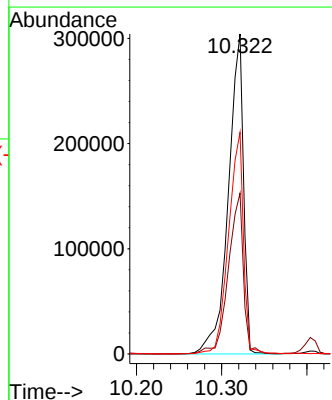
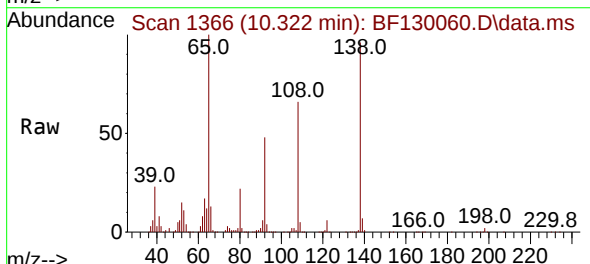
Instrument :
BNA_F
ClientSampleId :
PB147234BS

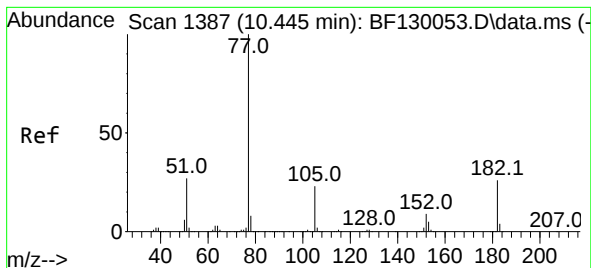
Tgt Ion:204 Resp: 596121
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.4 52.6 79.0



#62
4-Nitroaniline
Concen: 46.259 ng
RT: 10.322 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:138 Resp: 376478
Ion Ratio Lower Upper
138 100
92 50.2 30.3 70.3
108 69.2 55.7 95.7





#63

Azobenzene

Concen: 40.819 ng

RT: 10.445 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

Tgt Ion: 77 Resp: 1453926

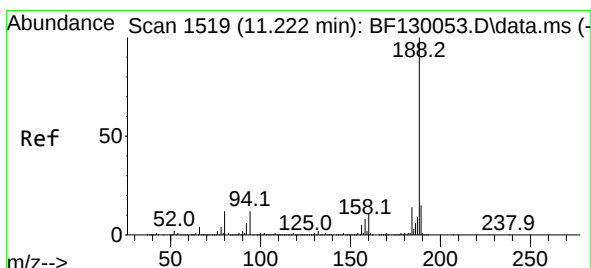
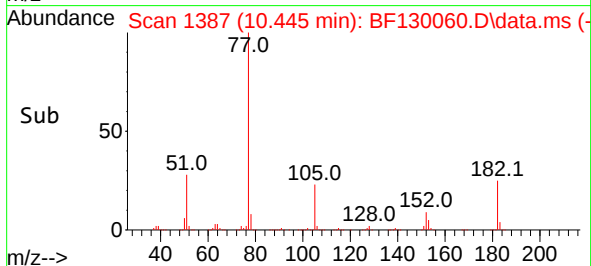
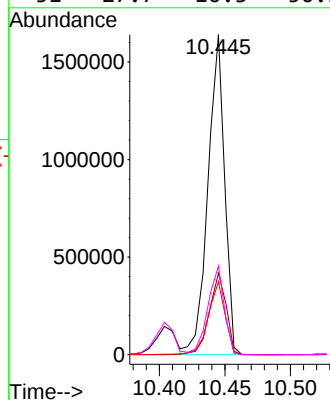
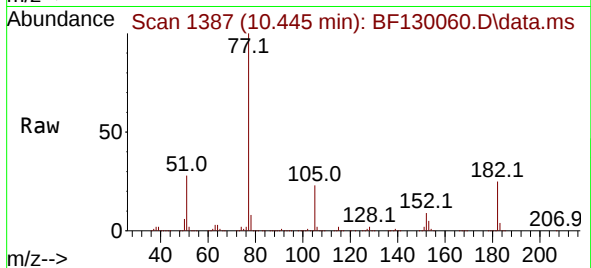
Ion Ratio Lower Upper

77 100

182 25.5 2.2 42.2

105 22.8 0.8 40.8

51 27.7 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.221 min Scan# 1519

Delta R.T. -0.001 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

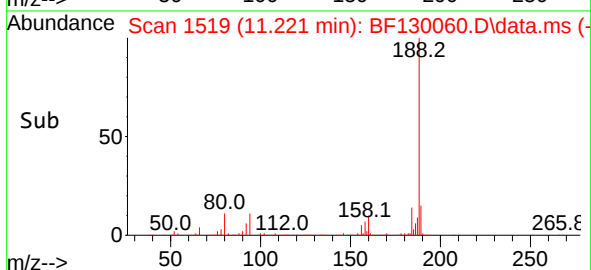
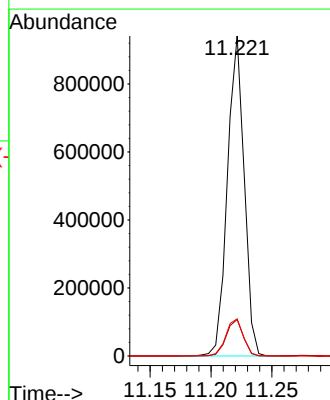
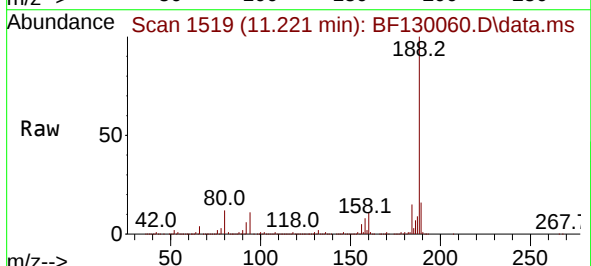
Tgt Ion: 188 Resp: 901850

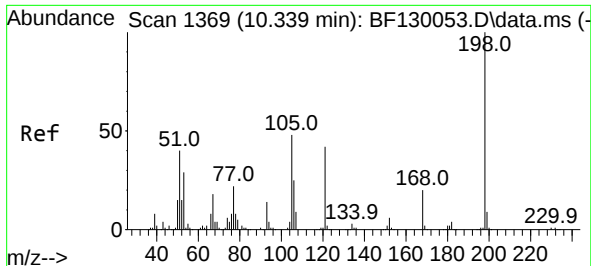
Ion Ratio Lower Upper

188 100

94 11.4 7.4 11.2#

80 11.6 7.9 11.9

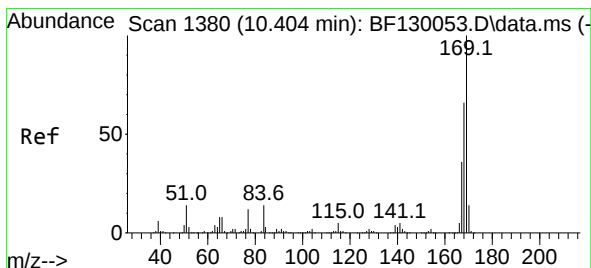
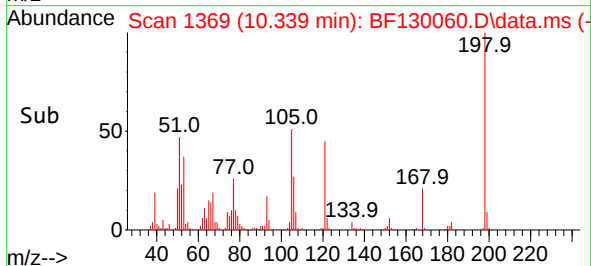
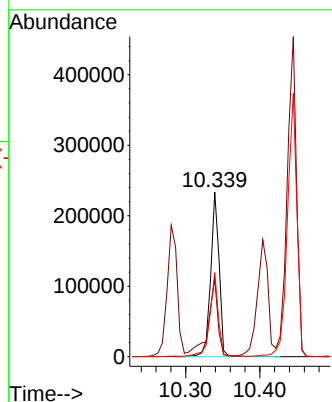
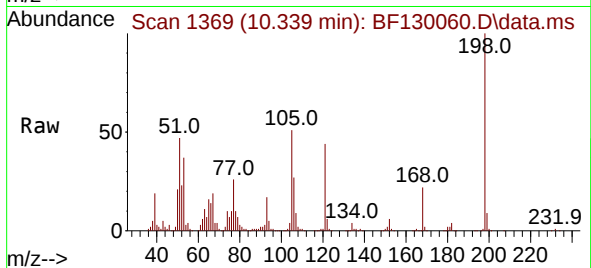




#65
4,6-Dinitro-2-methylphenol
Concen: 44.161 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

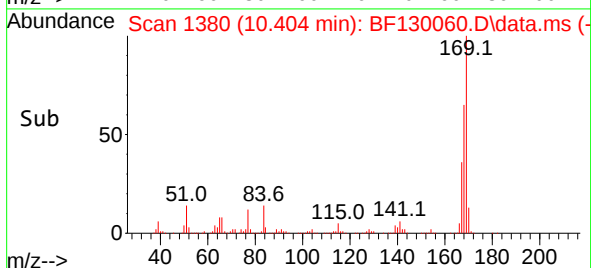
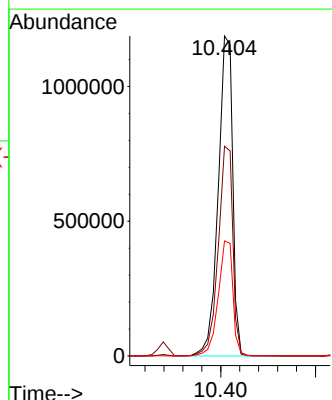
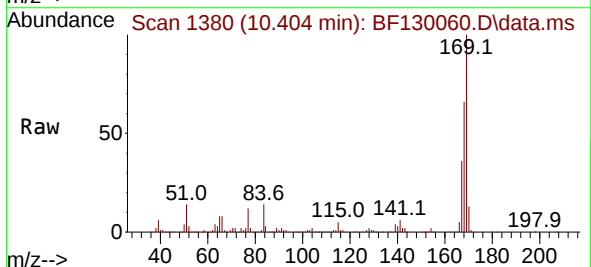
Instrument :
BNA_F
ClientSampleId :
PB147234BS

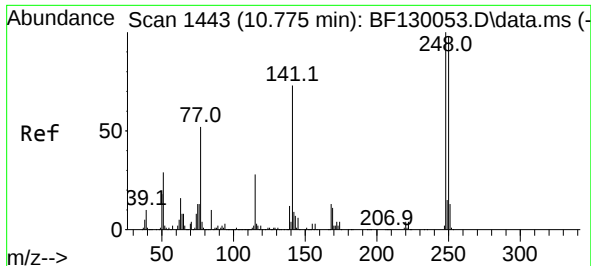
Tgt Ion:198 Resp: 185133
Ion Ratio Lower Upper
198 100
51 47.3 29.4 69.4
105 51.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.796 ng
RT: 10.404 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:169 Resp: 1260066
Ion Ratio Lower Upper
169 100
168 65.6 53.4 80.2
167 35.9 29.1 43.7

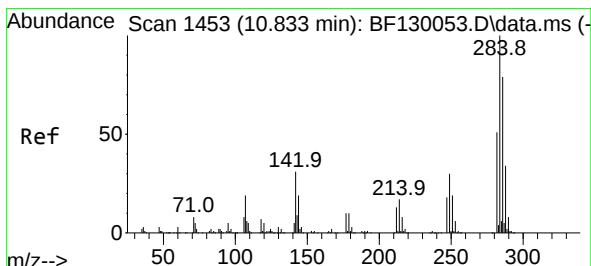
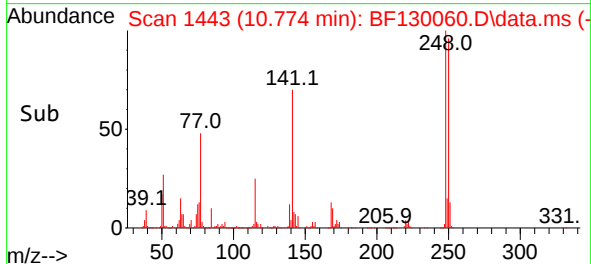
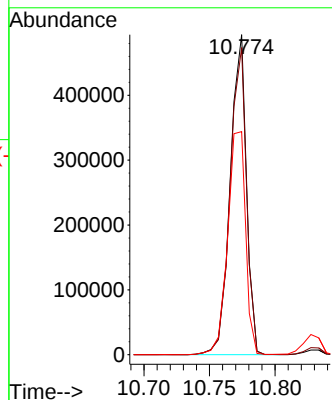
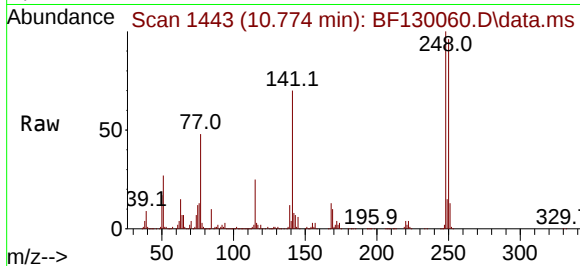




#67
4-Bromophenyl-phenylether
Concen: 42.352 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

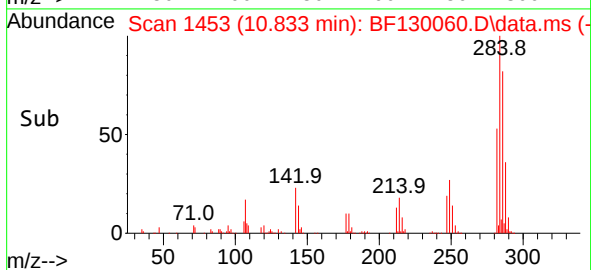
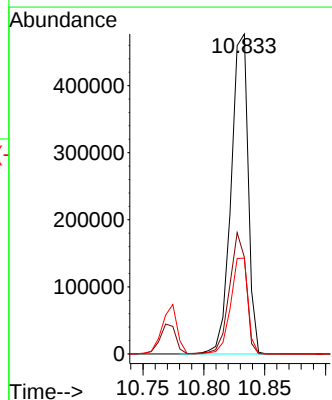
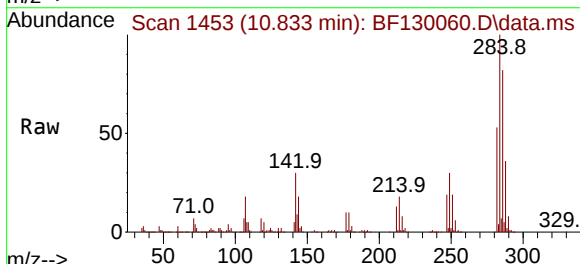
Instrument :
BNA_F
ClientSampleId :
PB147234BS

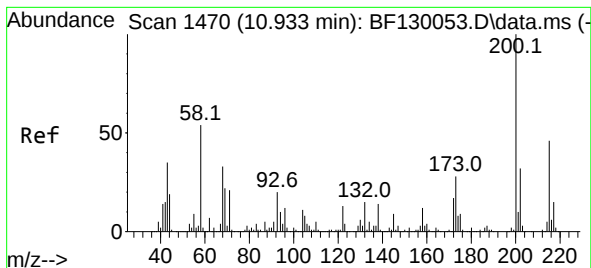
Tgt Ion:248 Resp: 424849
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.6
141 69.7 66.2 99.2



#68
Hexachlorobenzene
Concen: 42.456 ng
RT: 10.833 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:284 Resp: 464056
Ion Ratio Lower Upper
284 100
142 30.2 31.4 47.0#
249 29.9 25.7 38.5





#69

Atrazine

Concen: 46.857 ng

RT: 10.939 min Scan# 1470

Delta R.T. 0.006 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

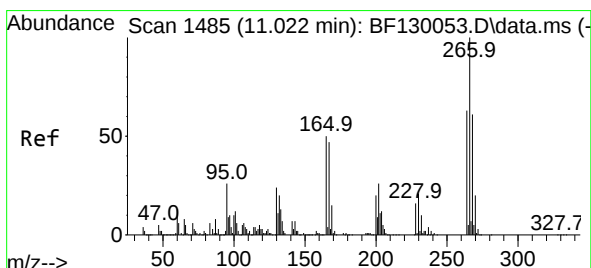
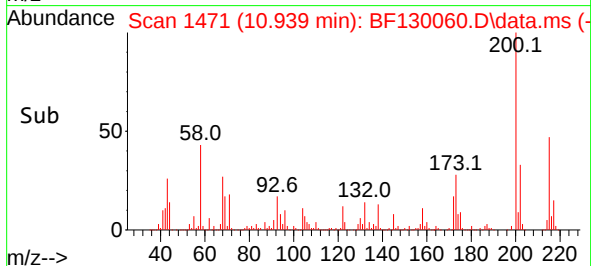
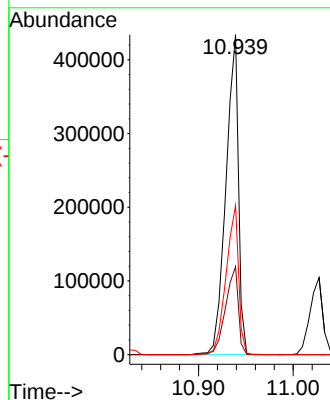
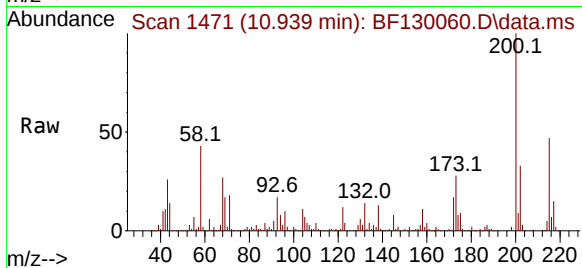
Tgt Ion:200 Resp: 399647

Ion Ratio Lower Upper

200 100

173 27.5 6.4 46.4

215 46.7 27.1 67.1



#70

Pentachlorophenol

Concen: 87.436 ng

RT: 11.027 min Scan# 1486

Delta R.T. 0.006 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

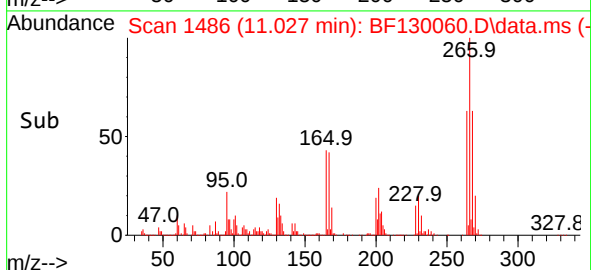
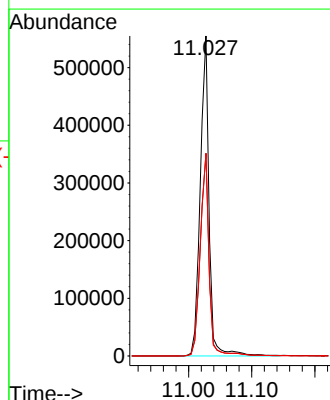
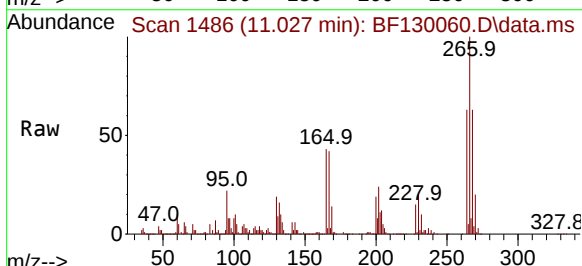
Tgt Ion:266 Resp: 534425

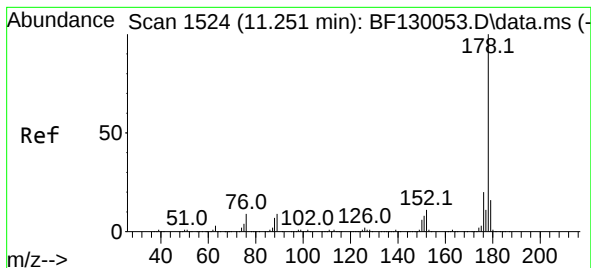
Ion Ratio Lower Upper

266 100

268 63.3 49.0 73.4

264 63.3 47.9 71.9





#71

Phenanthrene

Concen: 40.042 ng

RT: 11.251 min Scan# 1524

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

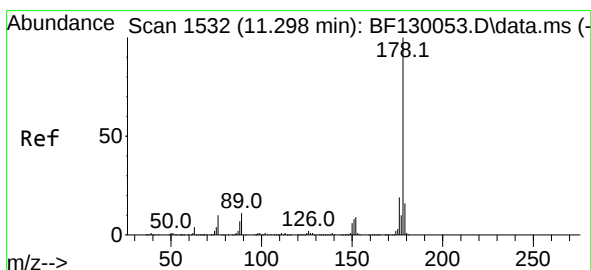
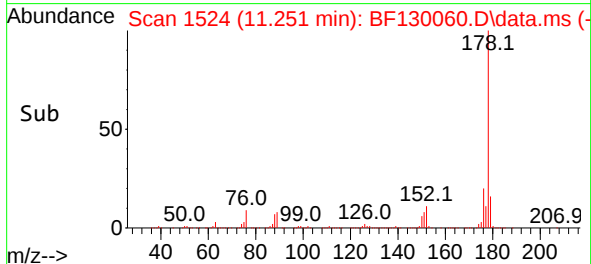
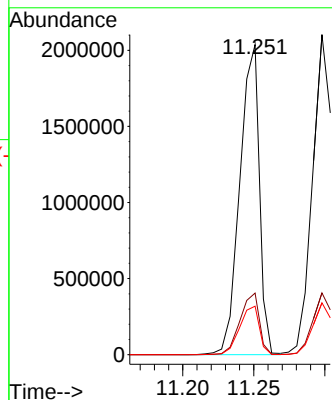
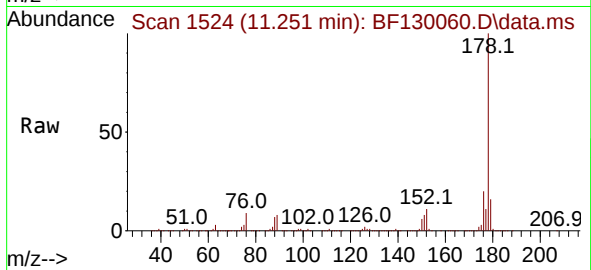
Tgt Ion:178 Resp: 1958376

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 15.6 12.5 18.7



#72

Anthracene

Concen: 40.999 ng

RT: 11.298 min Scan# 1532

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

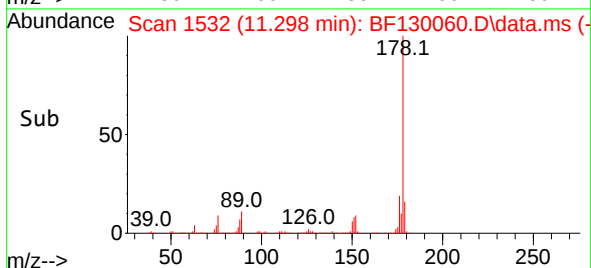
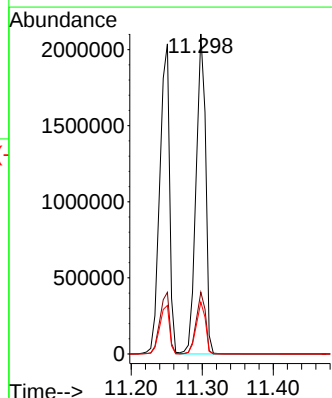
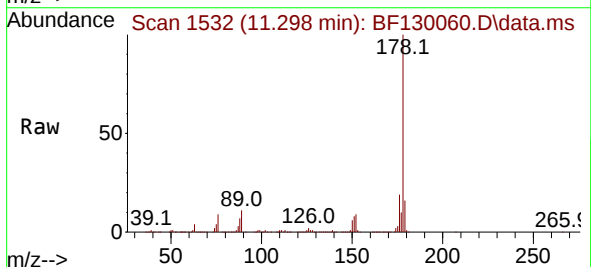
Tgt Ion:178 Resp: 1971186

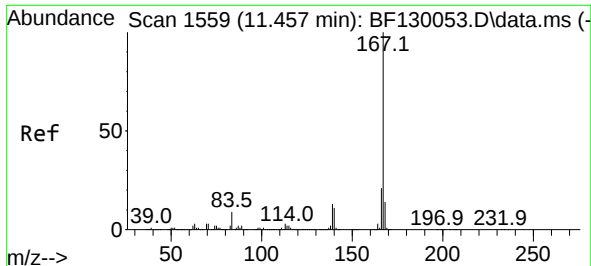
Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 16.2 12.6 18.8

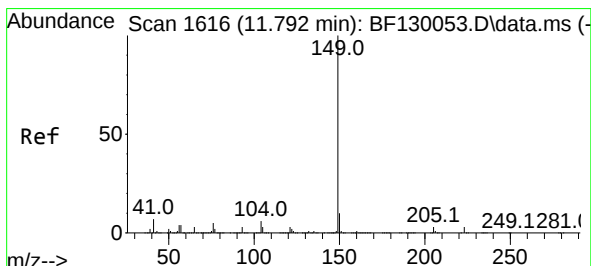
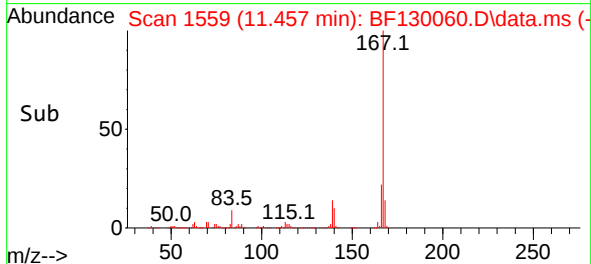
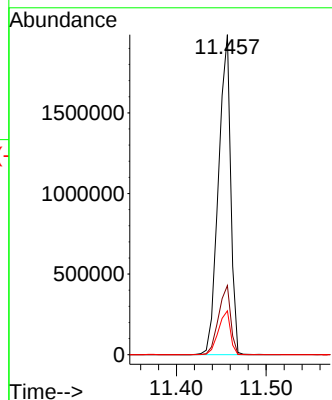
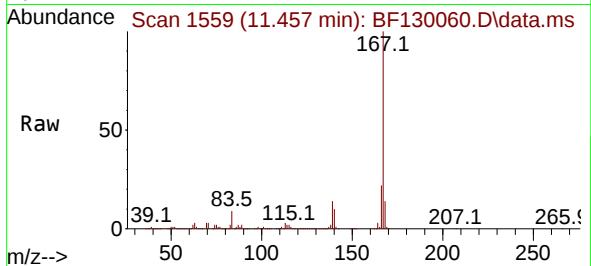




#73
 Carbazole
 Concen: 42.212 ng
 RT: 11.457 min Scan# 1559
 Delta R.T. -0.000 min
 Lab File: BF130060.D
 Acq: 31 Aug 2022 20:02

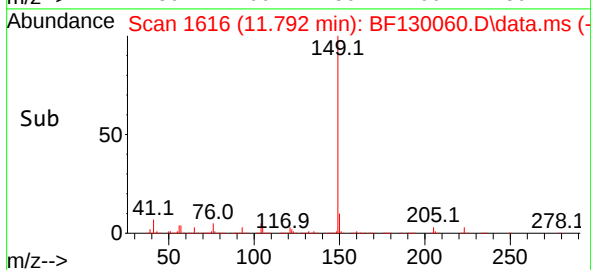
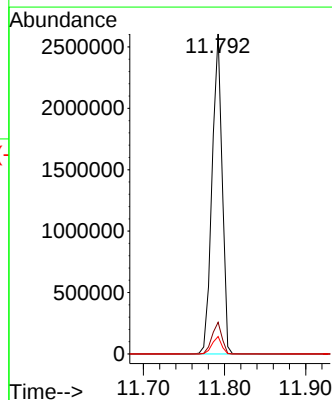
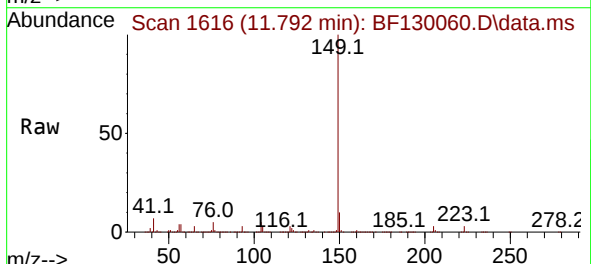
Instrument :
 BNA_F
 ClientSampleId :
 PB147234BS

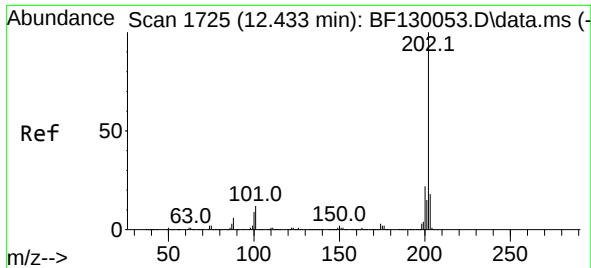
Tgt Ion:167 Resp: 1871516
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.7 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 41.800 ng
 RT: 11.792 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF130060.D
 Acq: 31 Aug 2022 20:02

Tgt Ion:149 Resp: 2234728
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.5 4.2 6.4

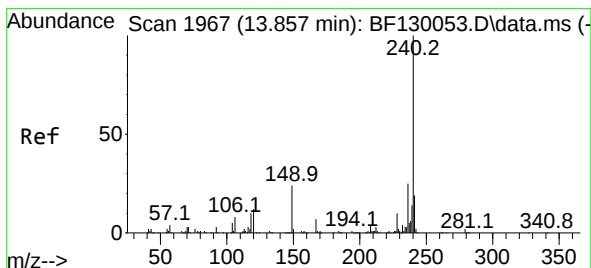
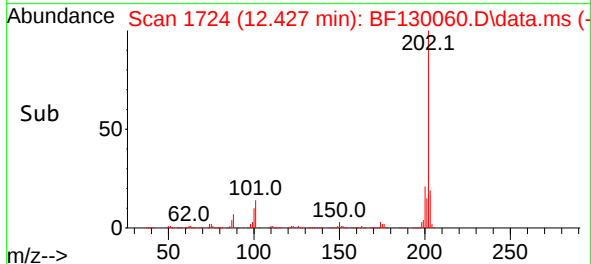
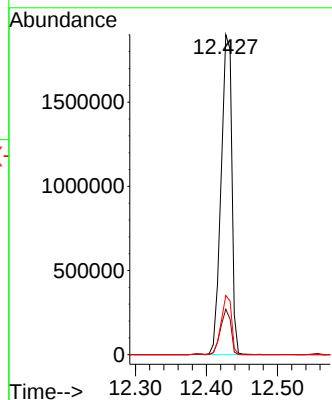
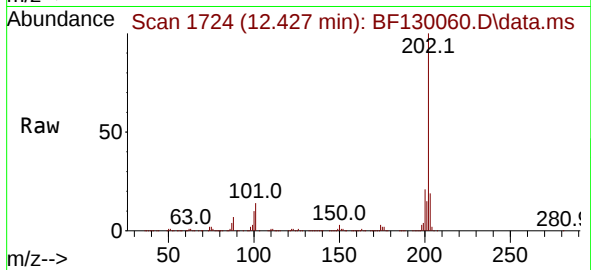




#75
Fluoranthene
Concen: 40.831 ng
RT: 12.427 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

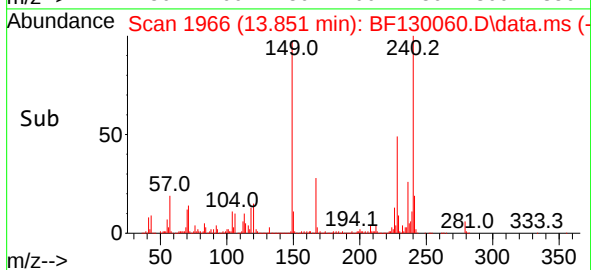
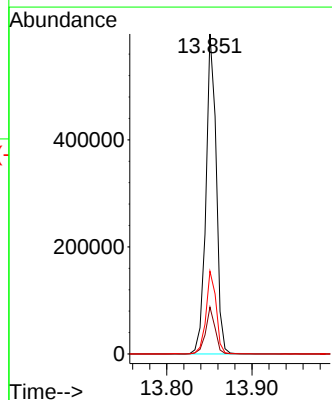
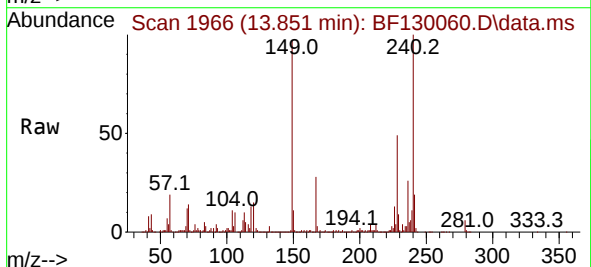
Instrument :
BNA_F
ClientSampleId :
PB147234BS

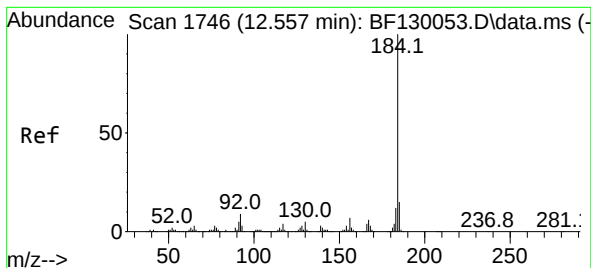
Tgt Ion:202 Resp: 1980293
Ion Ratio Lower Upper
202 100
101 14.2 0.0 30.7
203 18.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:240 Resp: 500941
Ion Ratio Lower Upper
240 100
120 14.7 9.2 13.8#
236 25.8 20.7 31.1





#77

Benzidine

Concen: 56.869 ng

RT: 12.557 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

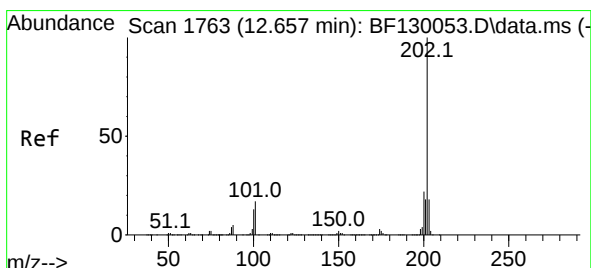
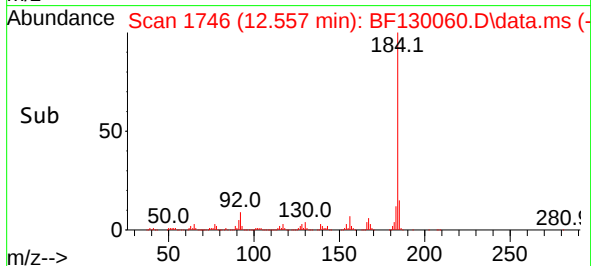
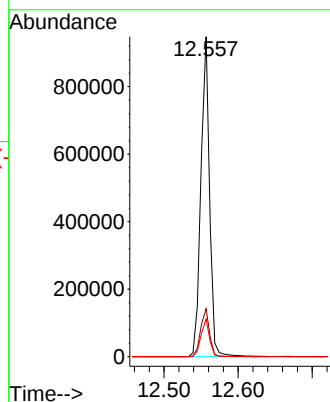
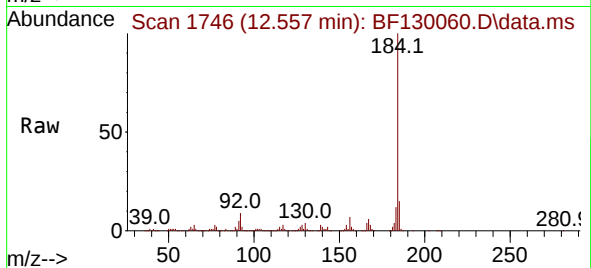
Tgt Ion:184 Resp: 769152

Ion Ratio Lower Upper

184 100

185 15.0 11.4 17.2

183 11.8 9.4 14.2



#78

Pyrene

Concen: 44.300 ng

RT: 12.657 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

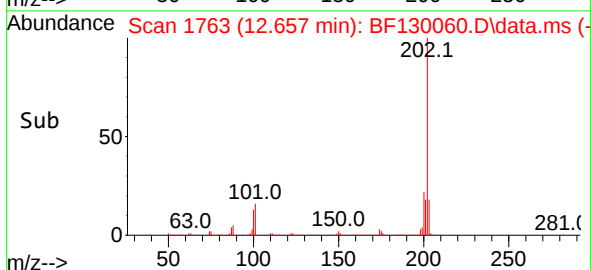
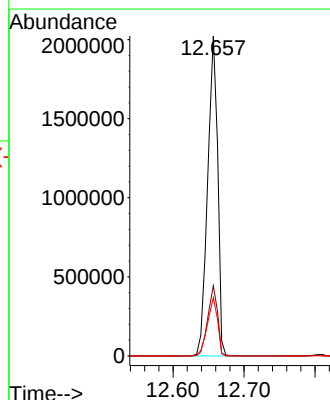
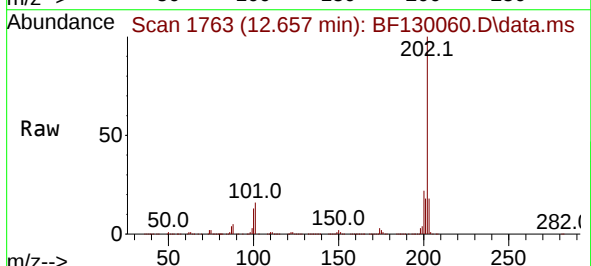
Tgt Ion:202 Resp: 1990486

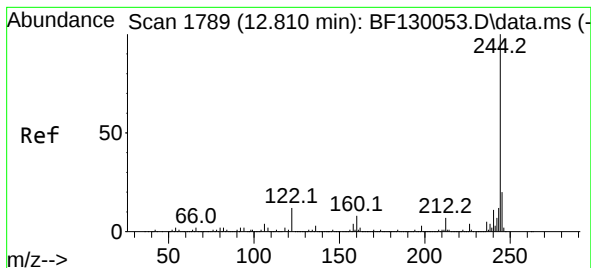
Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.6

203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 86.094 ng

RT: 12.810 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

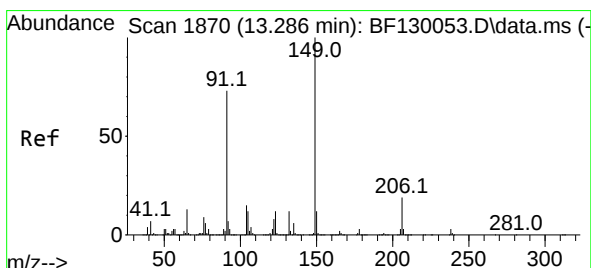
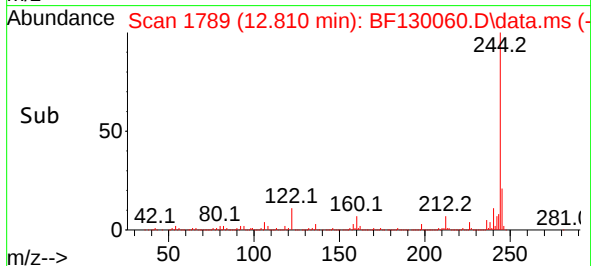
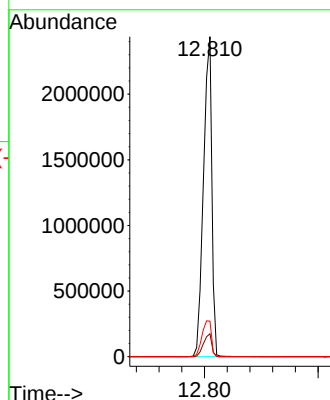
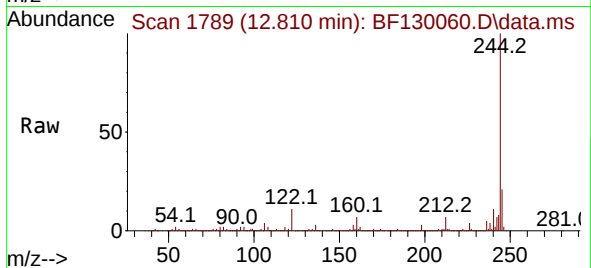
Tgt Ion:244 Resp: 2487010

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 11.1 9.9 14.9



#80

Butylbenzylphthalate

Concen: 49.191 ng

RT: 13.286 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

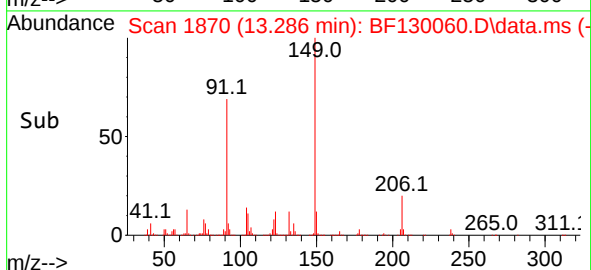
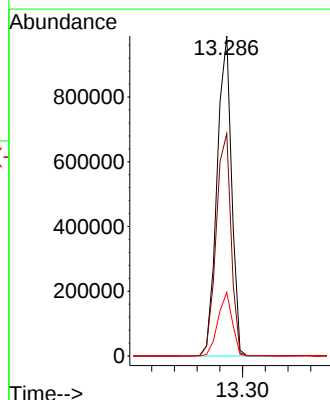
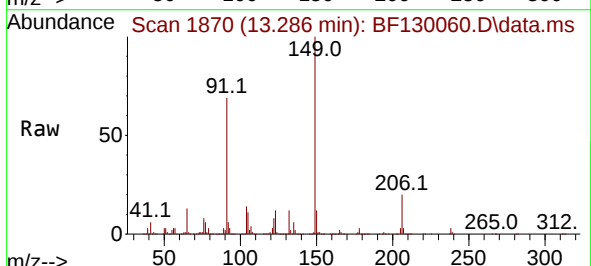
Tgt Ion:149 Resp: 879117

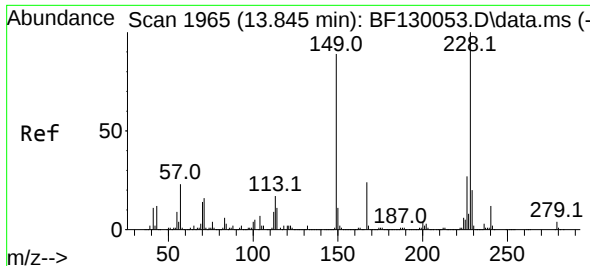
Ion Ratio Lower Upper

149 100

91 69.4 55.4 83.0

206 19.8 15.8 23.6

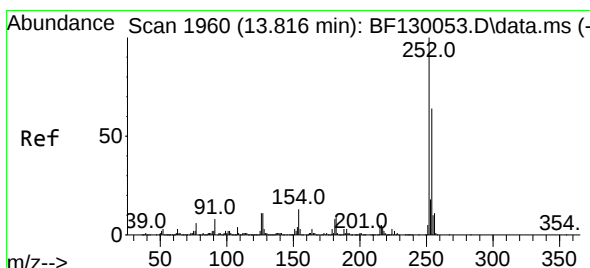
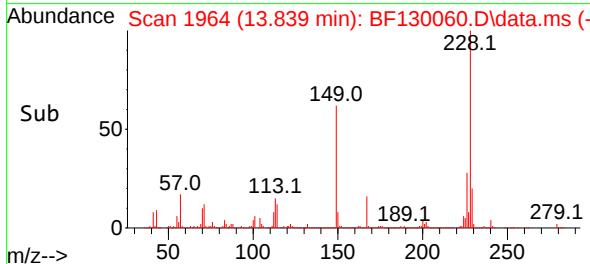
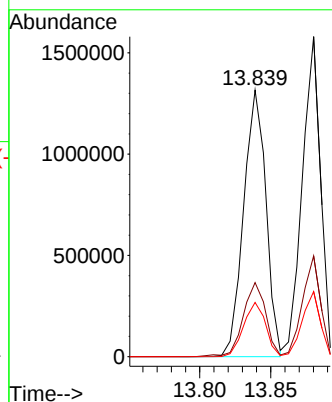
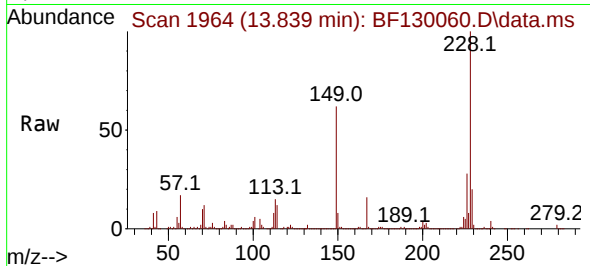




#81
Benzo(a)anthracene
Concen: 41.903 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

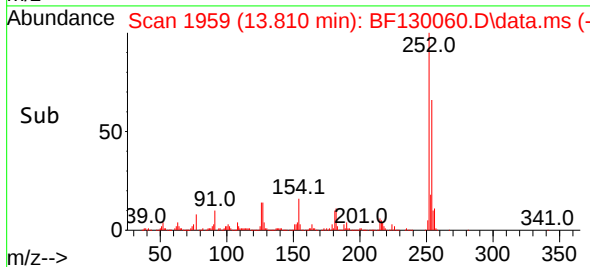
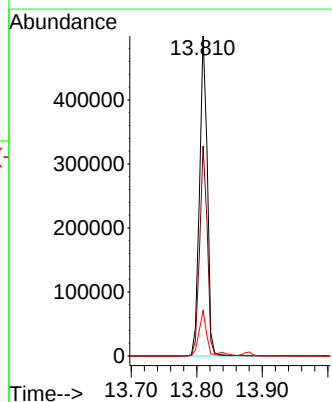
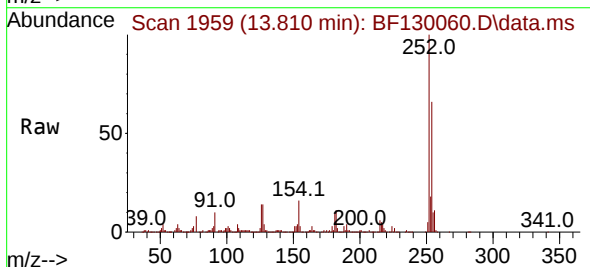
Instrument :
BNA_F
ClientSampleId :
PB147234BS

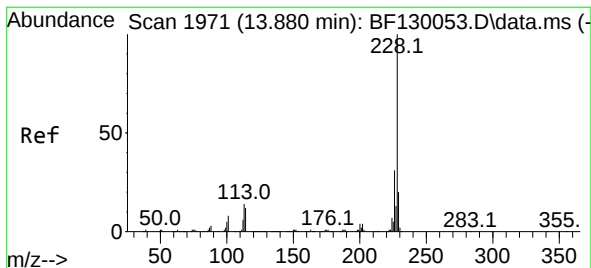
Tgt Ion:228 Resp: 1438526
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.532 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:252 Resp: 412509
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.2
126 14.2 10.2 15.4





#83

Chrysene

Concen: 41.883 ng

RT: 13.880 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

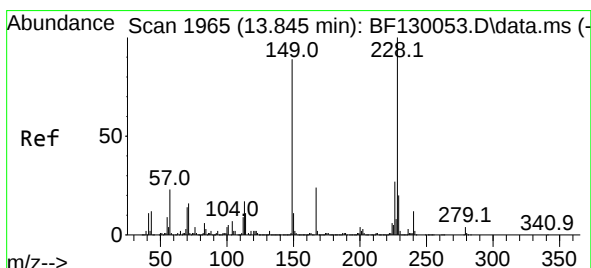
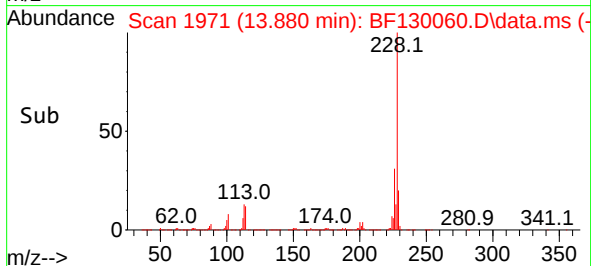
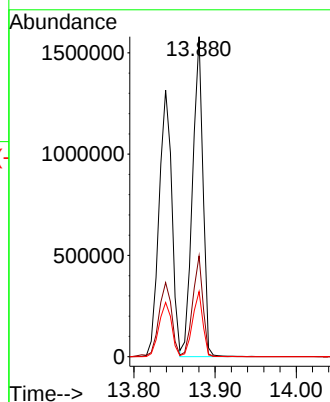
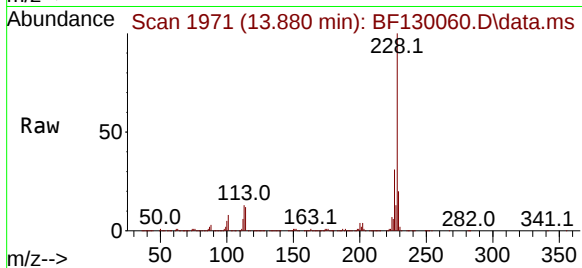
Tgt Ion:228 Resp: 1417587

Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.580 ng

RT: 13.845 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

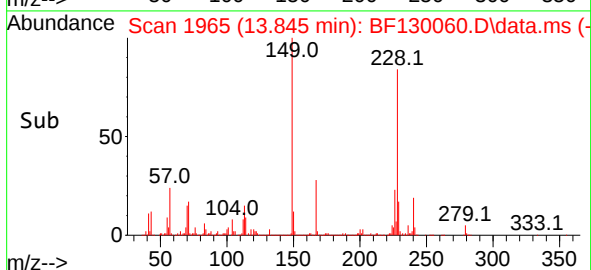
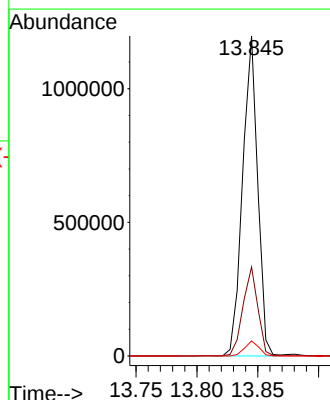
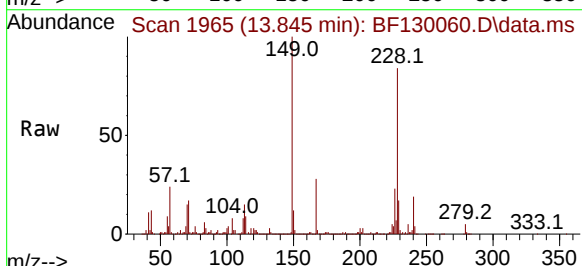
Tgt Ion:149 Resp: 1034750

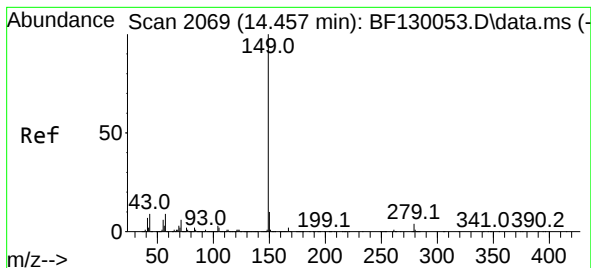
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.705 ng

RT: 14.457 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

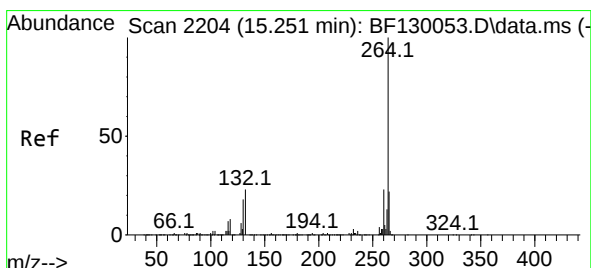
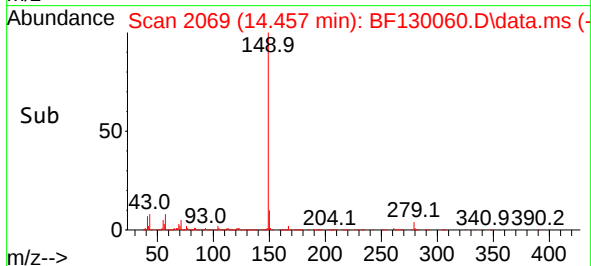
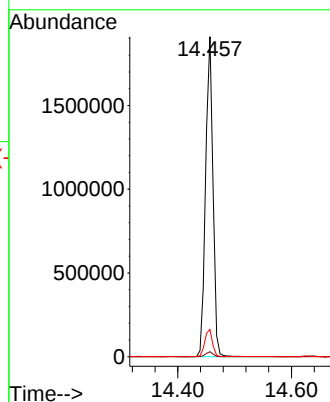
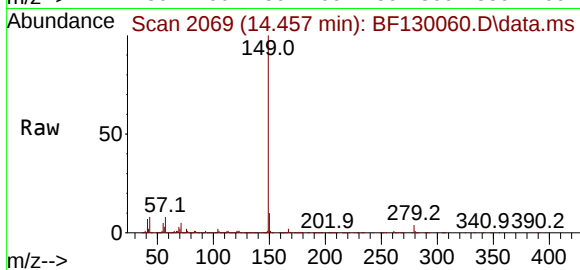
Tgt Ion:149 Resp: 1709086

Ion Ratio Lower Upper

149 100

167 1.5 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: BF130060.D

Acq: 31 Aug 2022 20:02

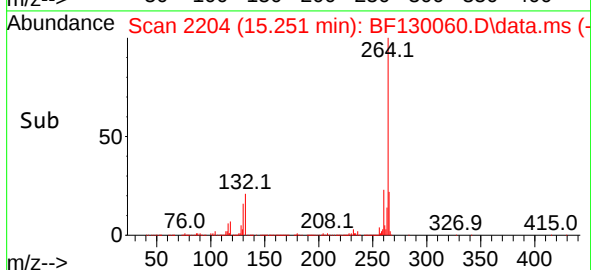
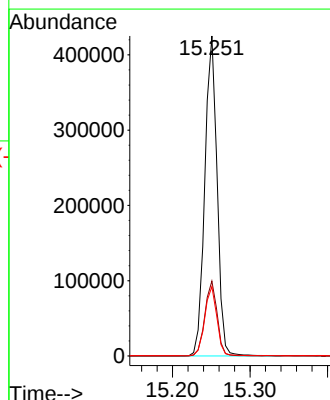
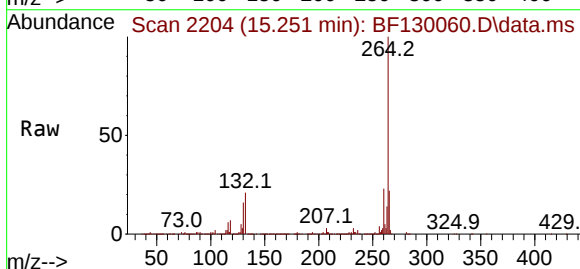
Tgt Ion:264 Resp: 467599

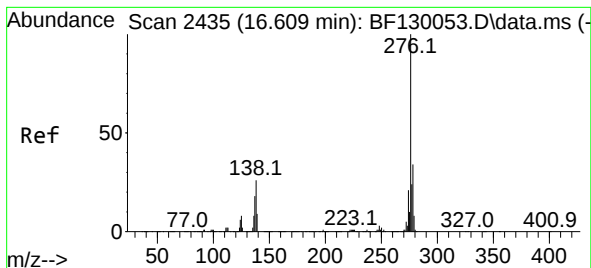
Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.002 ng

RT: 16.603 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

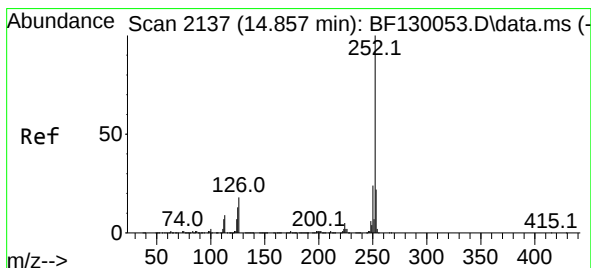
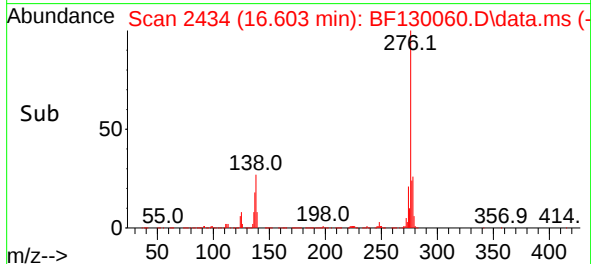
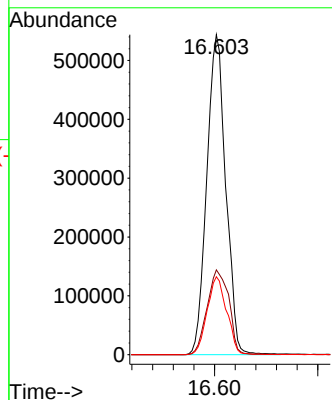
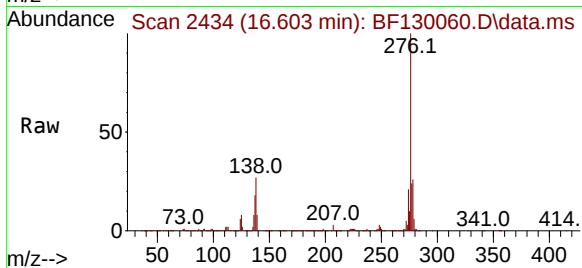
Tgt Ion:276 Resp: 1388096

Ion Ratio Lower Upper

276 100

138 30.2 19.8 29.8#

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 43.735 ng

RT: 14.857 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

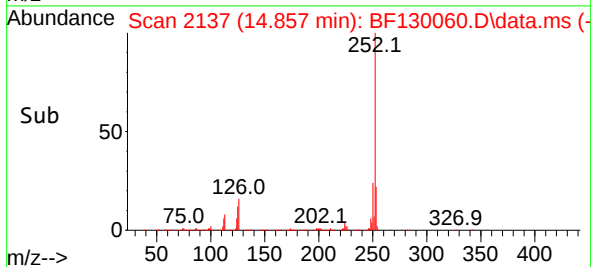
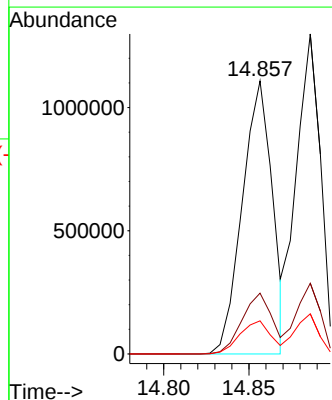
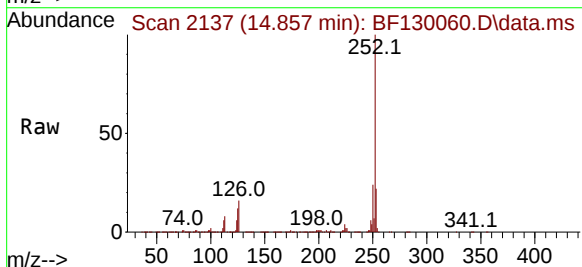
Tgt Ion:252 Resp: 1363784

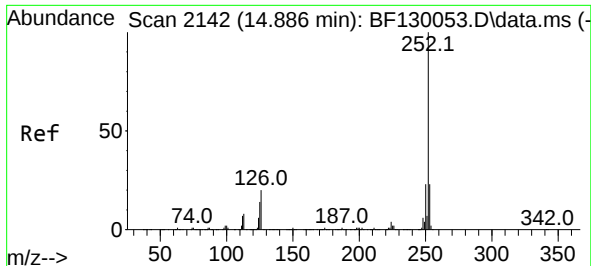
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 12.2 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 45.221 ng

RT: 14.857 min Scan# 2137

Delta R.T. -0.030 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

PB147234BS

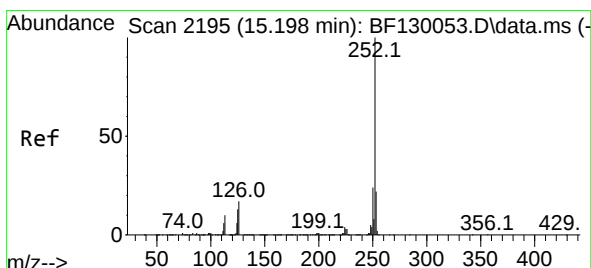
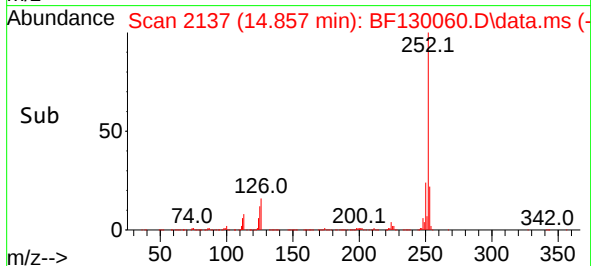
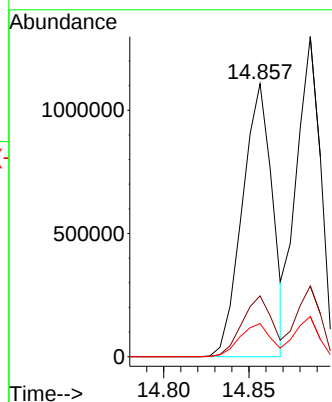
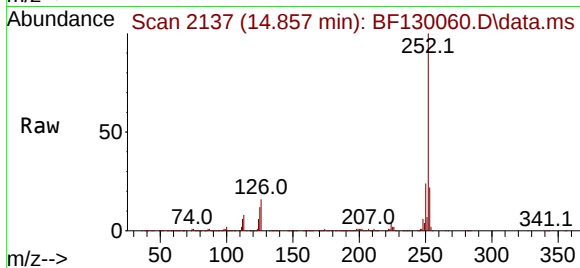
Tgt Ion:252 Resp: 1363784

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 12.2 8.3 12.5



#90

Benzo(a)pyrene

Concen: 46.402 ng

RT: 15.198 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF130060.D

Acq: 31 Aug 2022 20:02

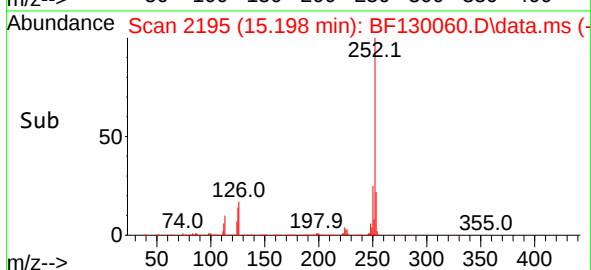
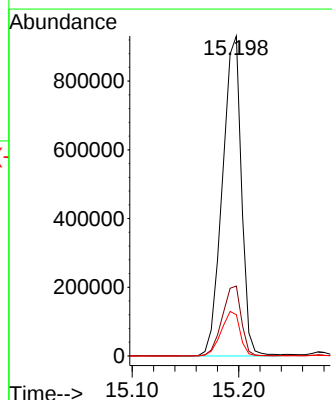
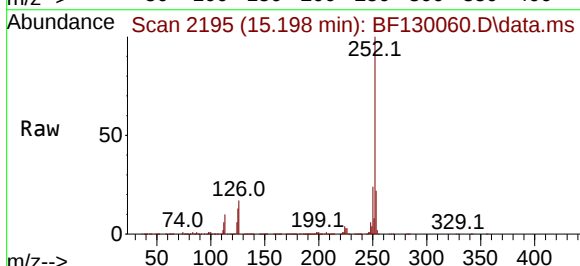
Tgt Ion:252 Resp: 1149746

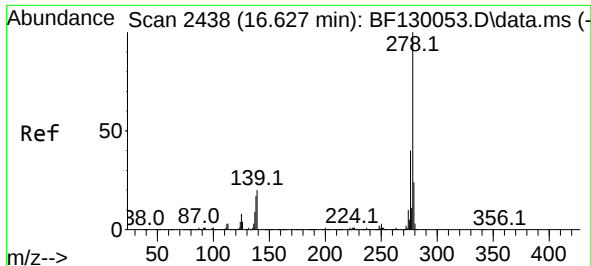
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 12.9 8.8 13.2

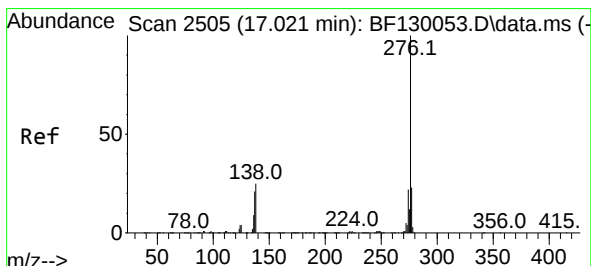
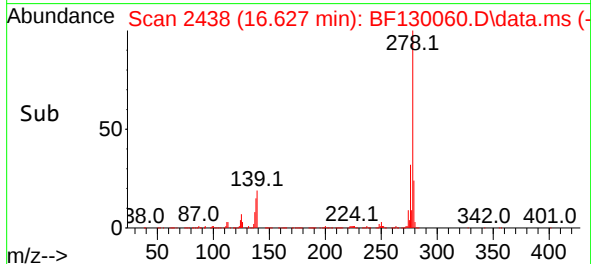
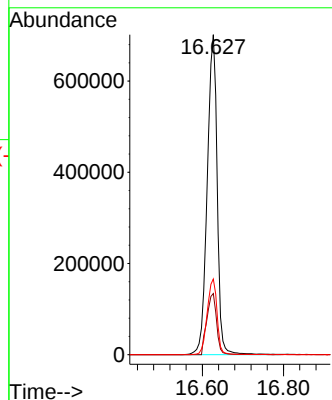
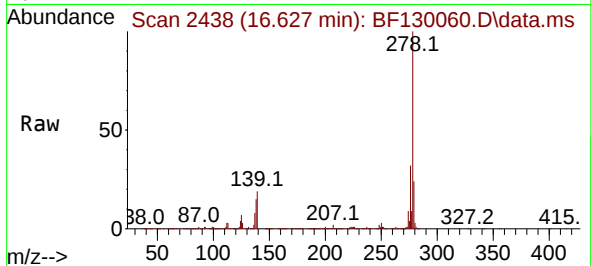




#91
Dibenzo(a,h)anthracene
Concen: 47.219 ng
RT: 16.627 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Instrument :
BNA_F
ClientSampleId :
PB147234BS

Tgt Ion:278 Resp: 1191765
Ion Ratio Lower Upper
278 100
139 19.1 12.2 18.4#
279 23.6 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 47.688 ng
RT: 17.015 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BF130060.D
Acq: 31 Aug 2022 20:02

Tgt Ion:276 Resp: 1204218
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.4
138 26.7 15.8 23.8#

