

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132990.D
 Acq On : 24 Apr 2023 12:27
 Operator : CG\JU
 Sample : PB152338BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152338BS

Quant Time: Apr 24 12:51:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	194242	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	796847	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	404634	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	719044	20.000	ng	0.00
76) Chrysene-d12	13.910	240	501100	20.000	ng	0.00
86) Perylene-d12	15.333	264	507785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1131751	88.016	ng	0.01
7) Phenol-d6	6.386	99	1384370	86.739	ng	0.00
23) Nitrobenzene-d5	7.316	82	1228242	83.199	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	343123	84.318	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2027399	83.825	ng	0.00
79) Terphenyl-d14	12.857	244	2331185	80.234	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	225473	37.804	ng	100
3) Pyridine	3.198	79	580291	36.632	ng	99
4) n-Nitrosodimethylamine	3.157	42	341789	41.656	ng	98
6) Aniline	6.410	93	697213	33.918	ng	97
8) 2-Chlorophenol	6.534	128	602511	46.150	ng	96
9) Benzaldehyde	6.292	77	355576	54.608	ng	98
10) Phenol	6.404	94	774216	43.972	ng	# 74
11) bis(2-Chloroethyl)ether	6.486	93	576537	43.636	ng	99
12) 1,3-Dichlorobenzene	6.686	146	622203	44.826	ng	99
13) 1,4-Dichlorobenzene	6.763	146	627281	45.092	ng	99
14) 1,2-Dichlorobenzene	6.916	146	607215	47.345	ng	96
15) Benzyl Alcohol	6.892	79	504997	45.806	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	993859	43.309	ng	98
17) 2-Methylphenol	7.010	107	494186	41.338	ng	99
18) Hexachloroethane	7.263	117	218357	45.148	ng	97
19) n-Nitroso-di-n-propyla...	7.169	70	404767	40.737	ng	100
20) 3+4-Methylphenols	7.163	107	599831	42.606	ng	99
22) Acetophenone	7.157	105	802909	43.498	ng	# 99
24) Nitrobenzene	7.333	77	626873	41.905	ng	98
25) Isophorone	7.575	82	1149000	40.993	ng	99
26) 2-Nitrophenol	7.651	139	330179	45.760	ng	93
27) 2,4-Dimethylphenol	7.692	122	548547	44.336	ng	99
28) bis(2-Chloroethoxy)met...	7.786	93	684283	41.267	ng	99
29) 2,4-Dichlorophenol	7.892	162	484814	43.044	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	501228	42.955	ng	99
31) Naphthalene	8.057	128	1671510	41.956	ng	99
32) Benzoic acid	7.816	122	384736	50.343	ng	97
33) 4-Chloroaniline	8.104	127	235967	14.659	ng	99
34) Hexachlorobutadiene	8.175	225	270282	41.793	ng	99
35) Caprolactam	8.480	113	117397	31.027	ng	91
36) 4-Chloro-3-methylphenol	8.592	107	528120	43.481	ng	97
37) 2-Methylnaphthalene	8.745	142	1091588	40.077	ng	98
38) 1-Methylnaphthalene	8.845	142	1029255	40.394	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	436524	40.124	ng	99
41) Hexachlorocyclopentadiene	8.904	237	612036	96.460	ng	99
43) 2,4,6-Trichlorophenol	9.027	196	320895	42.650	ng	100

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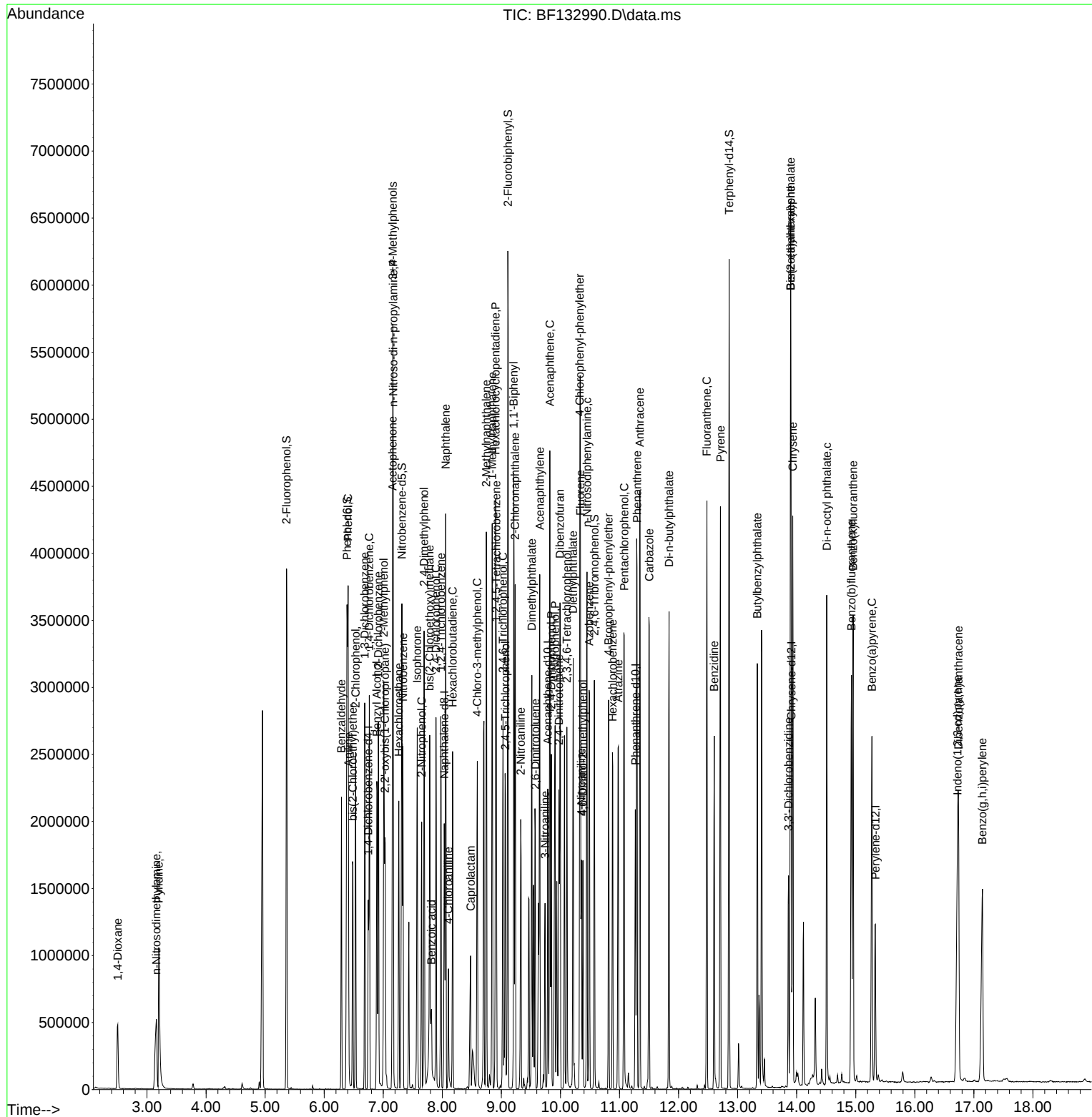
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	346677	39.841	ng	97
46) 1,1'-Biphenyl	9.210	154	1323933	41.262	ng	99
47) 2-Chloronaphthalene	9.233	162	1005517	42.816	ng	98
48) 2-Nitroaniline	9.327	65	332950	42.897	ng	91
49) Acenaphthylene	9.651	152	1567607	41.775	ng	100
50) Dimethylphthalate	9.516	163	1142774	40.503	ng	99
51) 2,6-Dinitrotoluene	9.575	165	271331	42.727	ng	87
52) Acenaphthene	9.822	154	1015405	40.402	ng	99
53) 3-Nitroaniline	9.739	138	202498	26.819	ng	97
54) 2,4-Dinitrophenol	9.845	184	315620	98.879	ng	95
55) Dibenzofuran	9.992	168	1407339	41.051	ng	98
56) 4-Nitrophenol	9.910	139	522370	89.323	ng	96
57) 2,4-Dinitrotoluene	9.974	165	357867	44.190	ng	98
58) Fluorene	10.339	166	1034095	41.171	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	288591	42.779	ng	99
60) Diethylphthalate	10.216	149	1083759	40.666	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	487336	39.815	ng	96
62) 4-Nitroaniline	10.357	138	308276	44.421	ng	99
63) Azobenzene	10.486	77	1133386	40.146	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	204926	47.020	ng	79
66) n-Nitrosodiphenylamine	10.451	169	942412	40.405	ng	98
67) 4-Bromophenyl-phenylether	10.816	248	313349	40.181	ng	94
68) Hexachlorobenzene	10.886	284	343204	42.949	ng	96
69) Atrazine	10.980	200	316632	47.113	ng	98
70) Pentachlorophenol	11.080	266	430461	75.637	ng	98
71) Phenanthrene	11.298	178	1598159	41.353	ng	99
72) Anthracene	11.345	178	1642058	41.518	ng	99
73) Carbazole	11.504	167	1507188	42.797	ng	100
74) Di-n-butylphthalate	11.839	149	1678153	42.108	ng	99
75) Fluoranthene	12.480	202	1626409	41.933	ng	99
77) Benzidine	12.604	184	895787	105.712	ng	# 93
78) Pyrene	12.710	202	1670887	38.898	ng	99
80) Butylbenzylphthalate	13.333	149	694314	45.650	ng	93
81) Benzo(a)anthracene	13.898	228	1417055	41.123	ng	99
82) 3,3'-Dichlorobenzidine	13.862	252	313081	32.889	ng	99
83) Chrysene	13.933	228	1410662	40.947	ng	100
84) Bis(2-ethylhexyl)phtha...	13.898	149	834698	43.723	ng	99
85) Di-n-octyl phthalate	14.509	149	1632982	52.459	ng	99
87) Indeno(1,2,3-cd)pyrene	16.721	276	1326488	45.925	ng	99
88) Benzo(b)fluoranthene	14.927	252	1426589	44.160	ng	99
89) Benzo(k)fluoranthene	14.957	252	1345706	42.023	ng	98
90) Benzo(a)pyrene	15.274	252	1196455	40.690	ng	99
91) Dibenzo(a,h)anthracene	16.739	278	1114466	46.262	ng	100
92) Benzo(g,h,i)perylene	17.145	276	1090847	45.866	ng	98

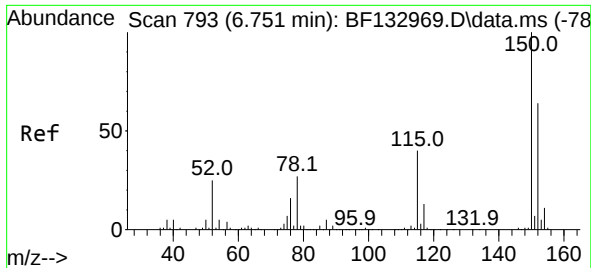
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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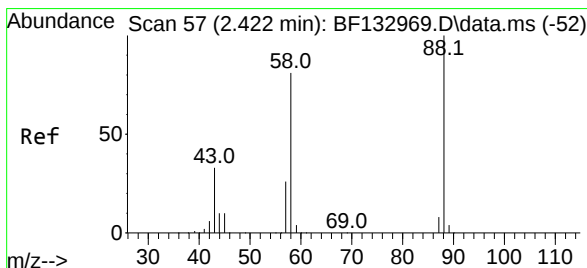
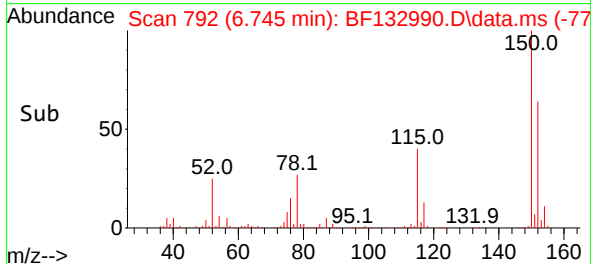
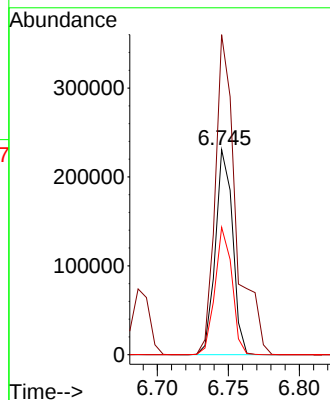
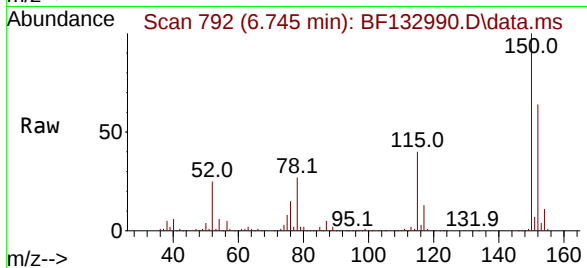




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132990.D
 Acq: 24 Apr 2023 12:27

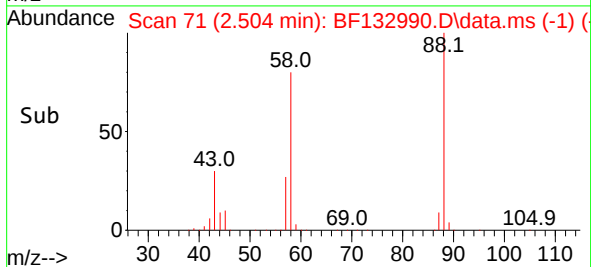
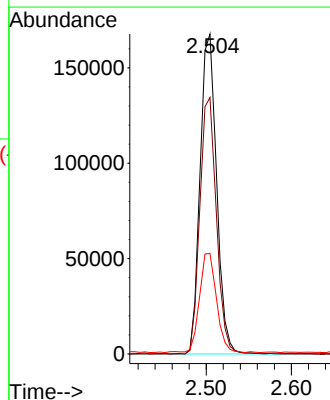
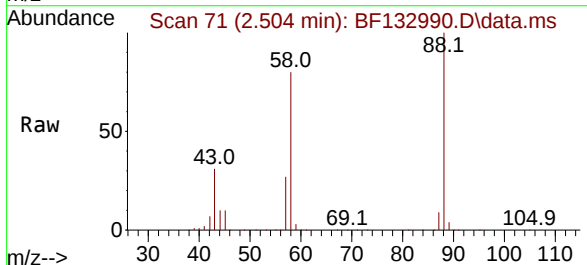
Instrument :
 BNA_F
 ClientSampleId :
 PB152338BS

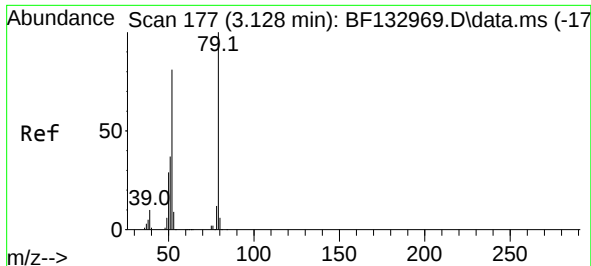
Tgt Ion:152 Resp: 194242
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.8 187.2
 115 62.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 37.804 ng
 RT: 2.504 min Scan# 71
 Delta R.T. 0.082 min
 Lab File: BF132990.D
 Acq: 24 Apr 2023 12:27

Tgt Ion: 88 Resp: 225473
 Ion Ratio Lower Upper
 88 100
 58 80.9 64.7 97.1
 43 32.1 26.2 39.2





#3

Pyridine

Concen: 36.632 ng

RT: 3.198 min Scan# 11

Delta R.T. 0.070 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

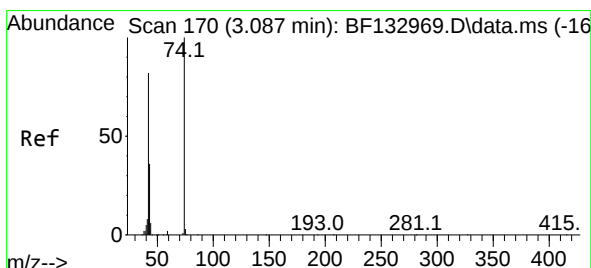
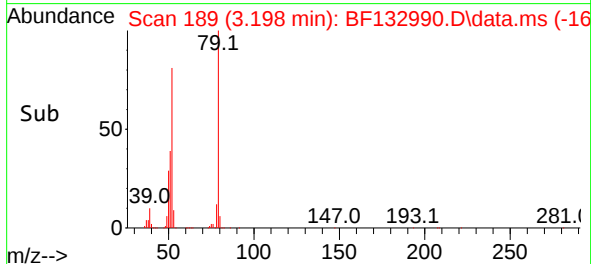
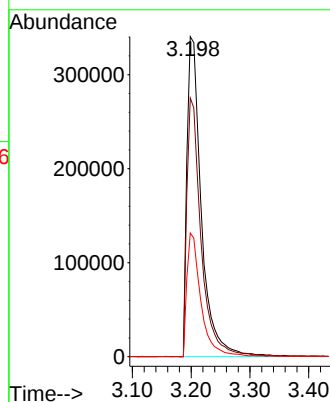
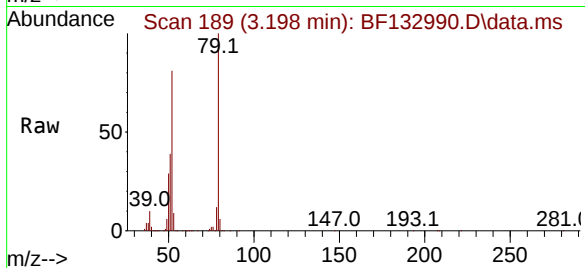
Tgt Ion: 79 Resp: 580291

Ion Ratio Lower Upper

79 100

52 80.8 64.6 96.8

51 38.7 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 41.656 ng

RT: 3.157 min Scan# 182

Delta R.T. 0.070 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

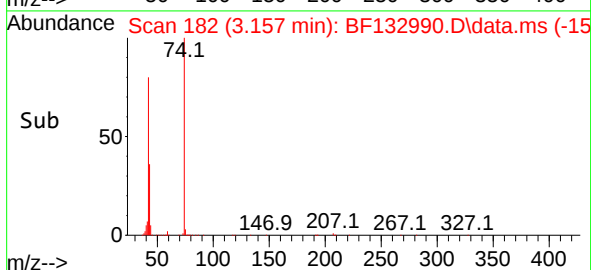
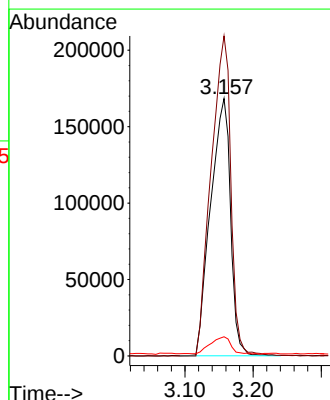
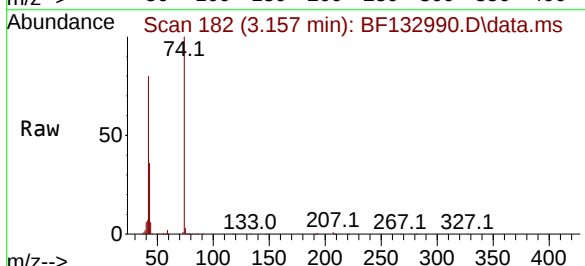
Tgt Ion: 42 Resp: 341789

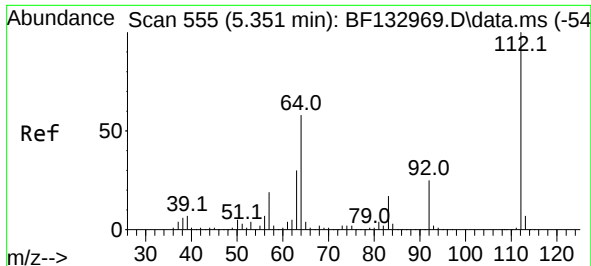
Ion Ratio Lower Upper

42 100

74 124.3 98.0 147.0

44 7.4 5.8 8.8

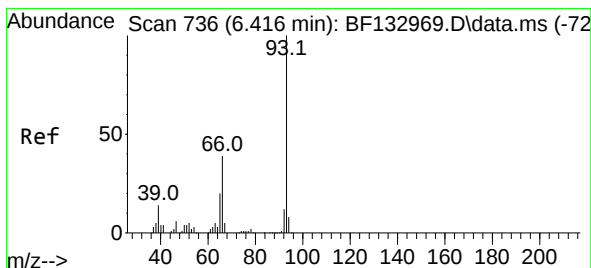
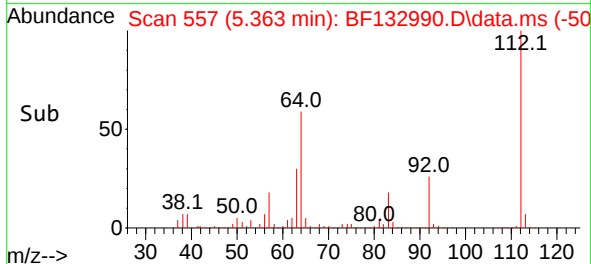
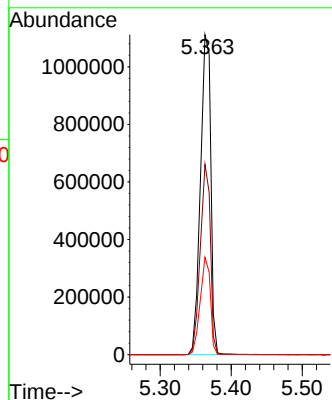
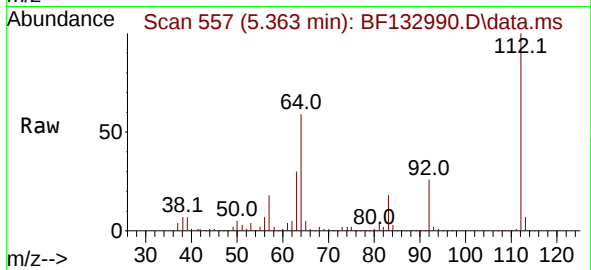




#5
2-Fluorophenol
Concen: 88.016 ng
RT: 5.363 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

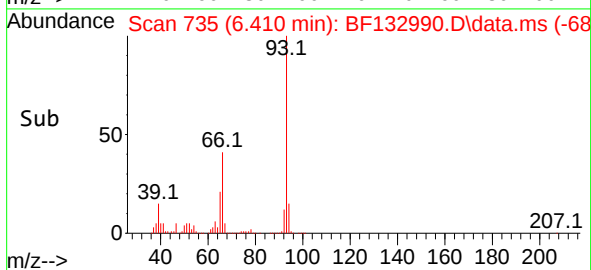
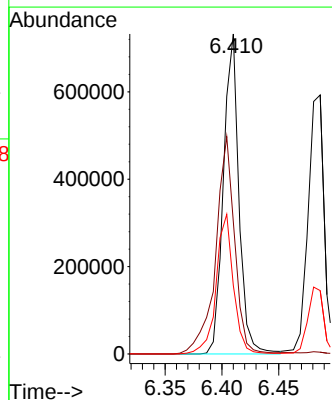
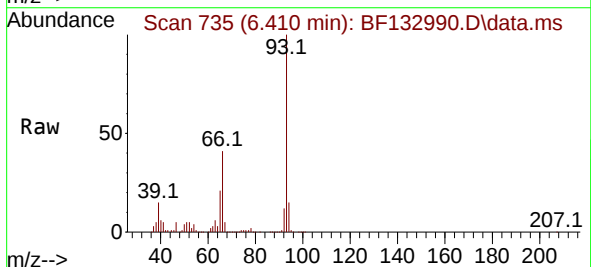
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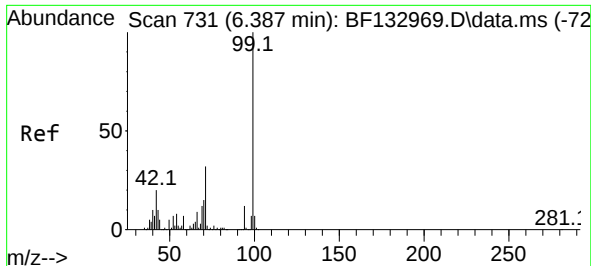
Tgt Ion:112 Resp: 1131751
Ion Ratio Lower Upper
112 100
64 59.5 46.8 70.2
63 30.4 23.8 35.8



#6
Aniline
Concen: 33.918 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 93 Resp: 697213
Ion Ratio Lower Upper
93 100
66 41.3 31.5 47.3
65 21.4 16.4 24.6





#7

Phenol-d6

Concen: 86.739 ng

RT: 6.386 min Scan# 731

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

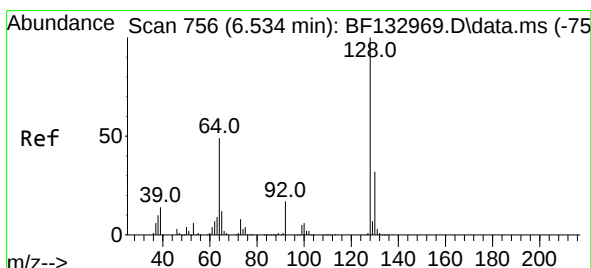
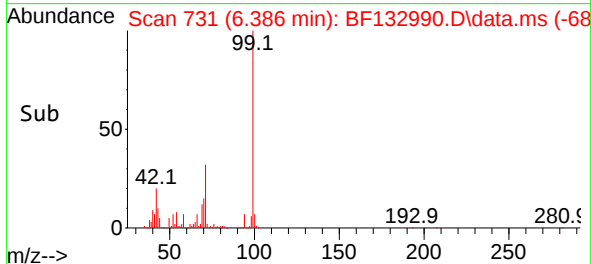
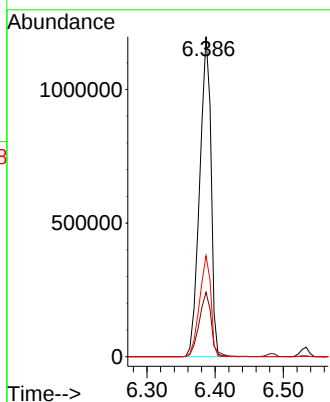
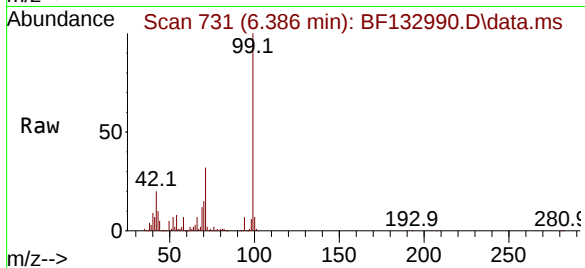
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ClientSampleId :

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Tgt Ion: 99 Resp: 1384370

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.3	24.5
71	31.6	25.6	38.4



#8

2-Chlorophenol

Concen: 46.150 ng

RT: 6.534 min Scan# 756

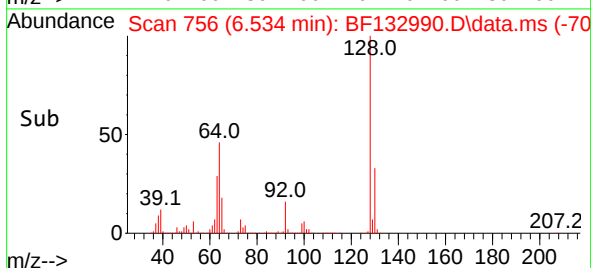
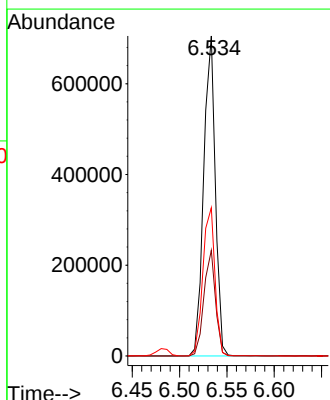
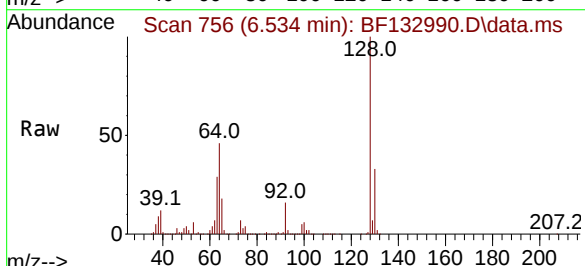
Delta R.T. -0.000 min

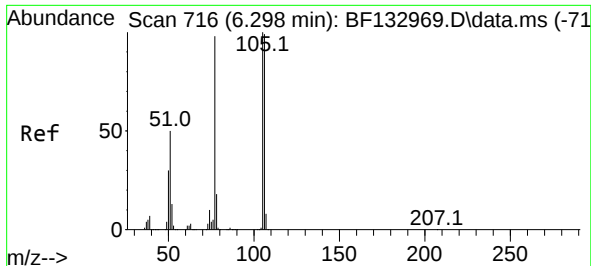
Lab File: BF132990.D

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Tgt Ion: 128 Resp: 602511

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.2	52.2
64	46.3	30.3	70.3





#9

Benzaldehyde

Concen: 54.608 ng

RT: 6.292 min Scan# 715

Delta R.T. -0.006 min

Lab File: BF132990.D

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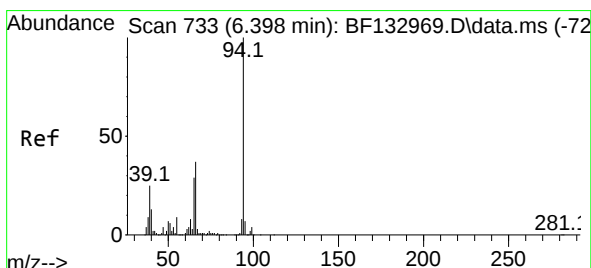
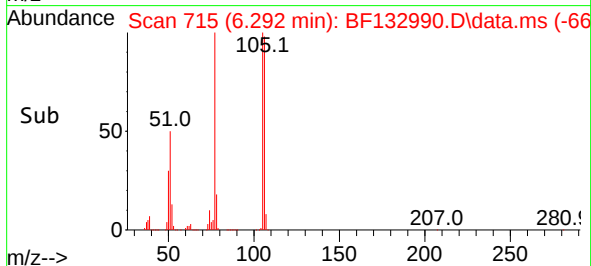
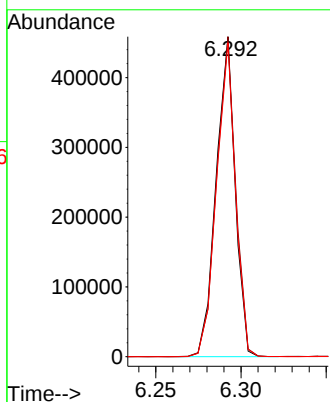
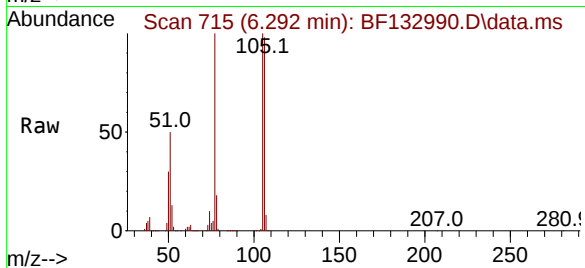
Tgt Ion: 77 Resp: 355576

Ion Ratio Lower Upper

77 100

105 100.0 82.3 122.3

106 98.2 80.8 120.8



#10

Phenol

Concen: 43.972 ng

RT: 6.404 min Scan# 734

Delta R.T. 0.006 min

Lab File: BF132990.D

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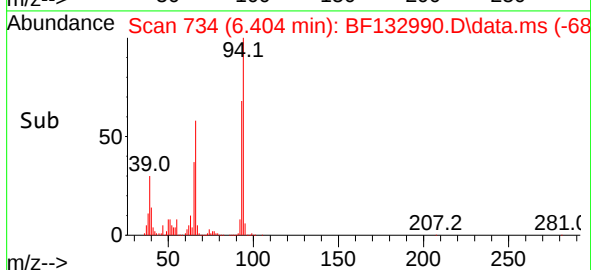
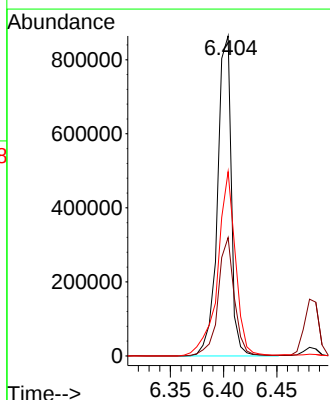
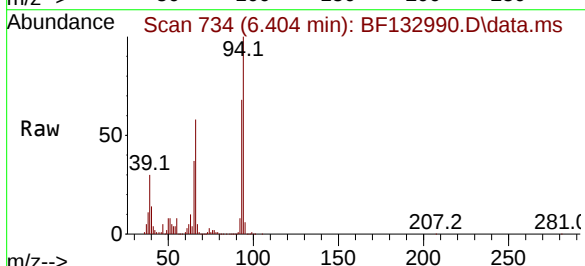
Tgt Ion: 94 Resp: 774216

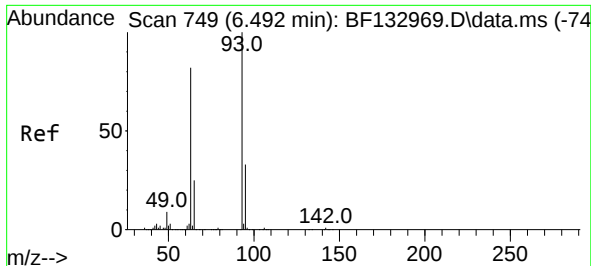
Ion Ratio Lower Upper

94 100

65 37.0 8.6 48.6

66 57.6 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 43.636 ng

RT: 6.486 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

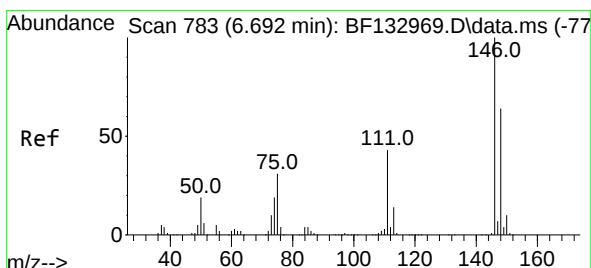
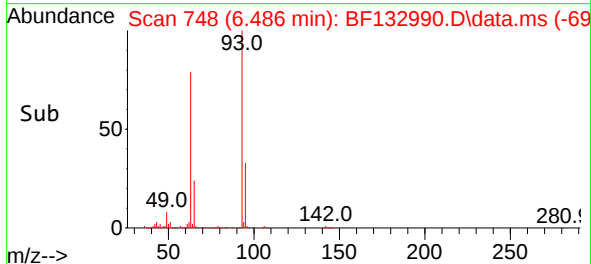
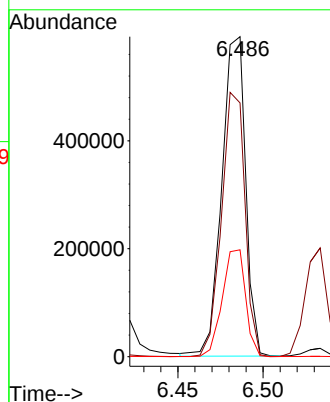
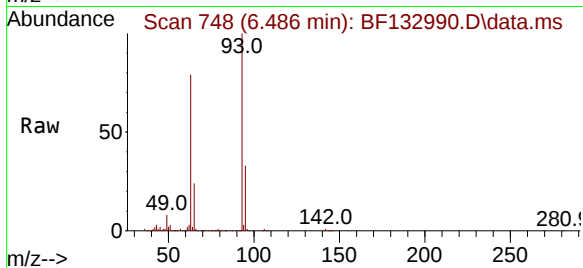
Tgt Ion: 93 Resp: 576537

Ion Ratio Lower Upper

93 100

63 79.3 60.6 100.6

95 33.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.826 ng

RT: 6.686 min Scan# 782

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

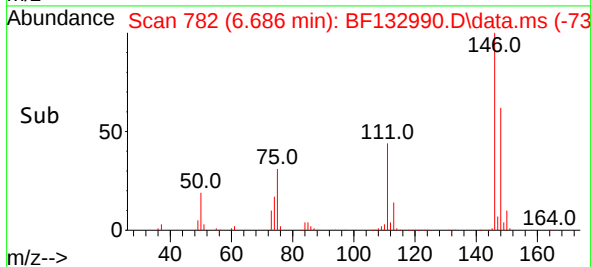
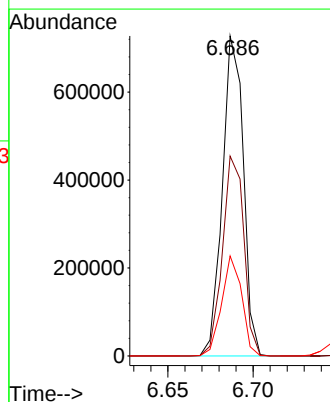
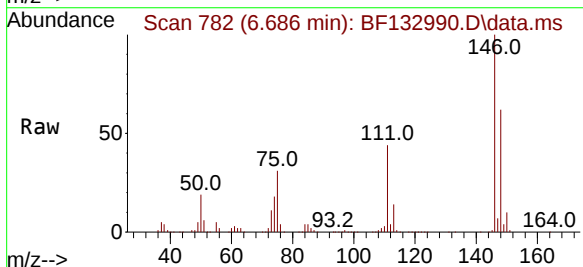
Tgt Ion:146 Resp: 622203

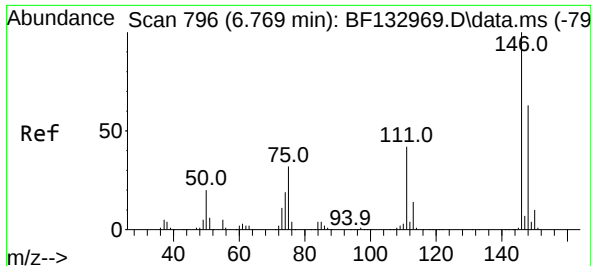
Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.4

75 31.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 45.092 ng

RT: 6.763 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

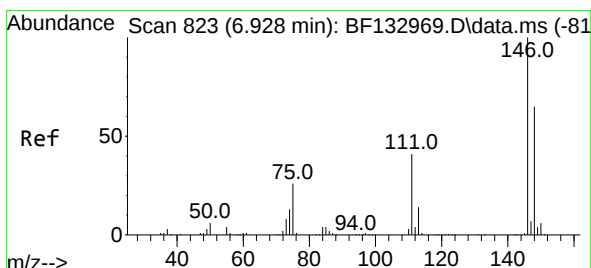
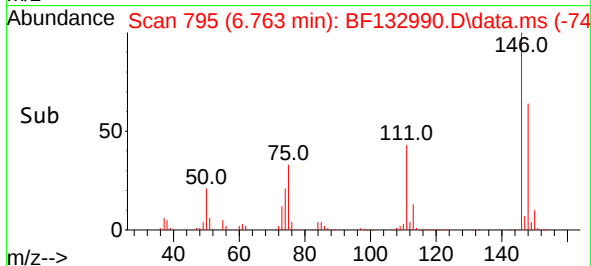
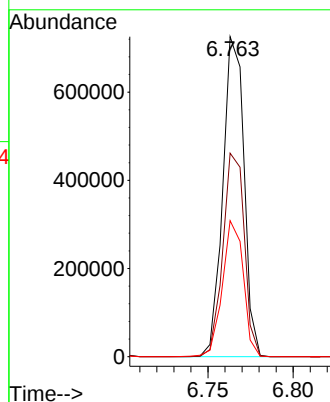
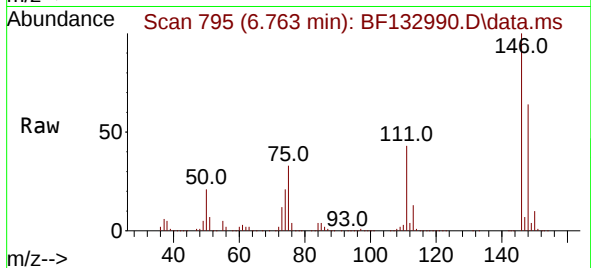
Tgt Ion:146 Resp: 627281

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

111 42.5 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 47.345 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.012 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

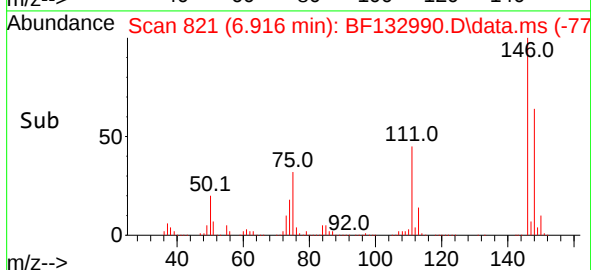
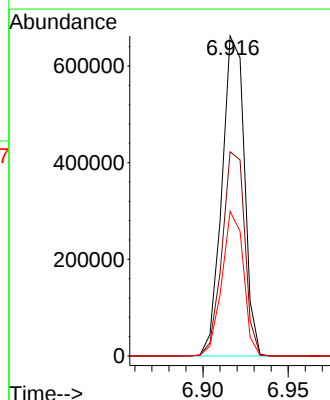
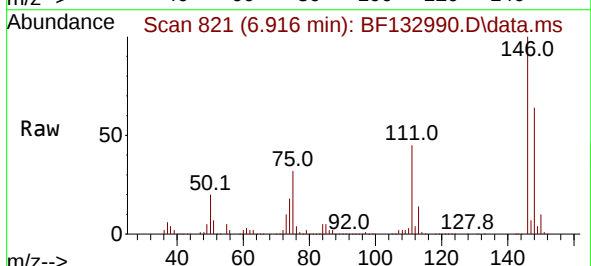
Tgt Ion:146 Resp: 607215

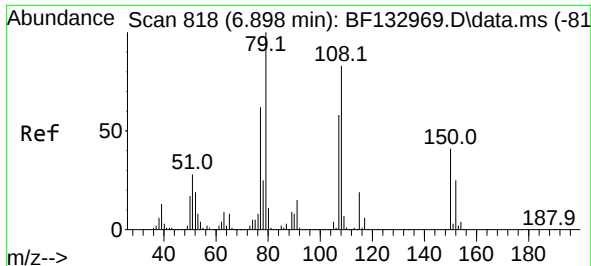
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 45.1 32.8 49.2

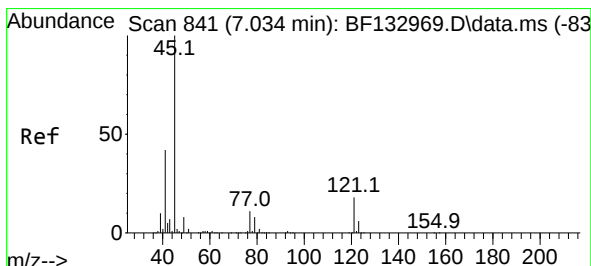
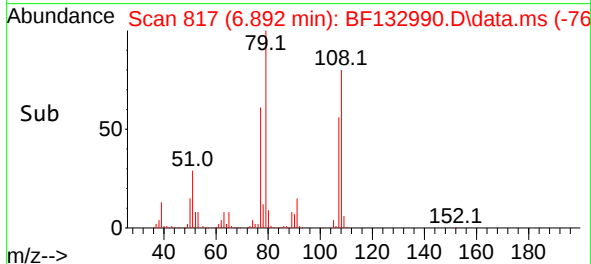
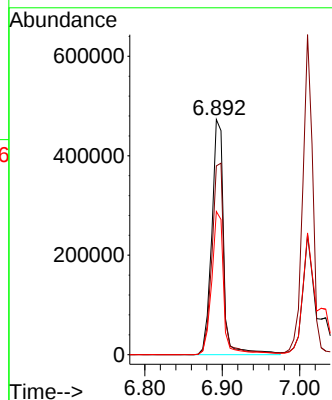
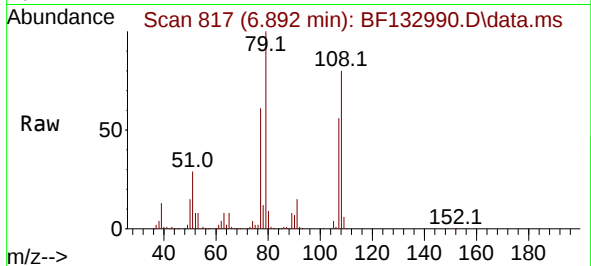




#15
Benzyl Alcohol
Concen: 45.806 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

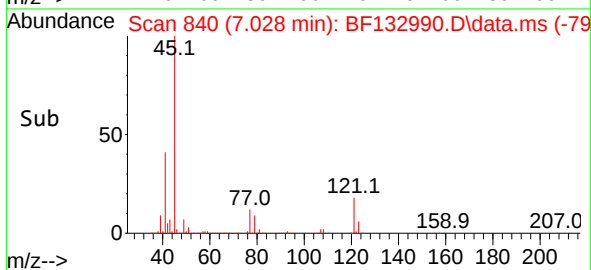
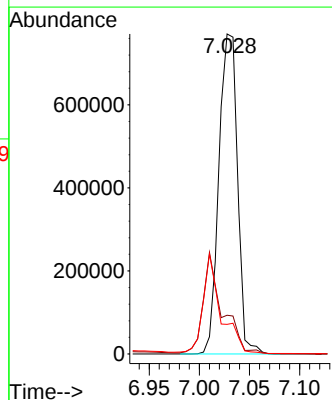
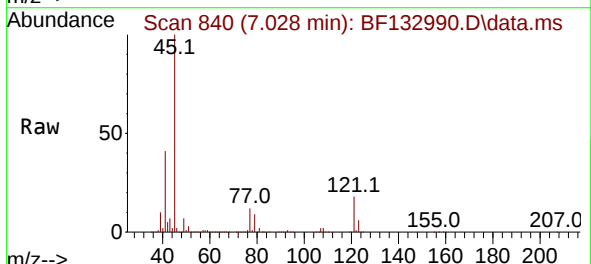
Instrument :
BNA_F
ClientSampleId :
PB152338BS

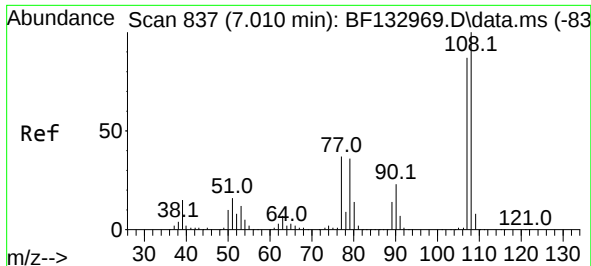
Tgt Ion: 79 Resp: 504997
Ion Ratio Lower Upper
79 100
108 80.3 66.6 99.8
77 60.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.309 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 45 Resp: 993859
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.5
79 9.3 0.0 28.7

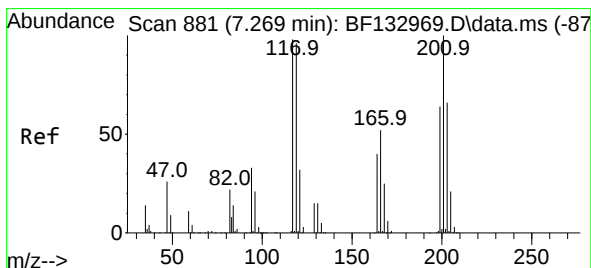
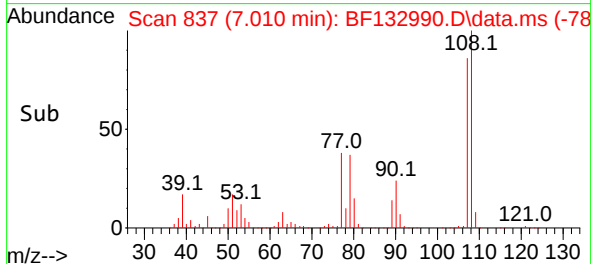
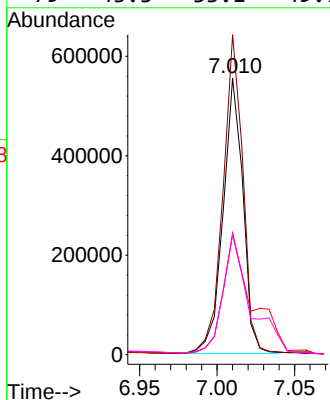
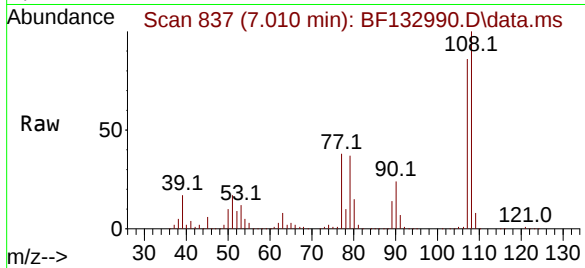




#17
2-Methylphenol
Concen: 41.338 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

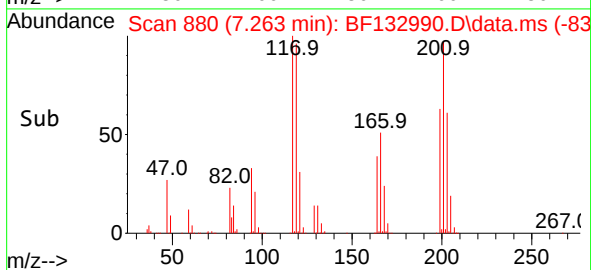
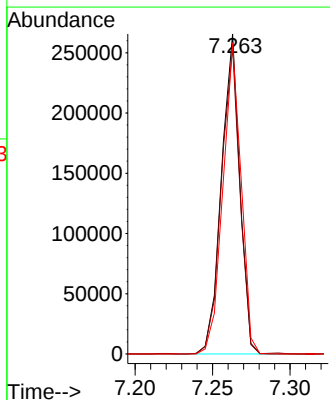
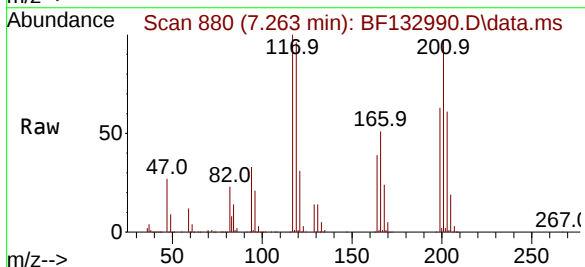
Instrument :
BNA_F
ClientSampleId :
PB152338BS

Tgt Ion:	107	Resp:	494186
Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.4	138.6
77	44.0	33.8	50.8
79	43.3	33.1	49.7



#18
Hexachloroethane
Concen: 45.148 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:	117	Resp:	218357
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.2	117.4
201	97.2	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.737 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF132990.D

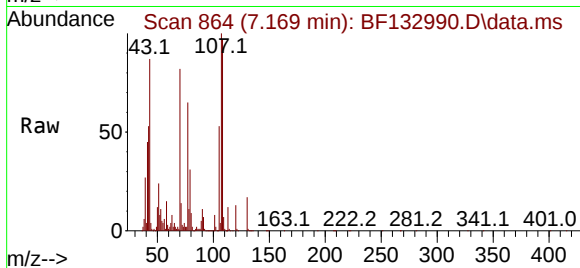
Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS



Tgt Ion: 70 Resp: 404767

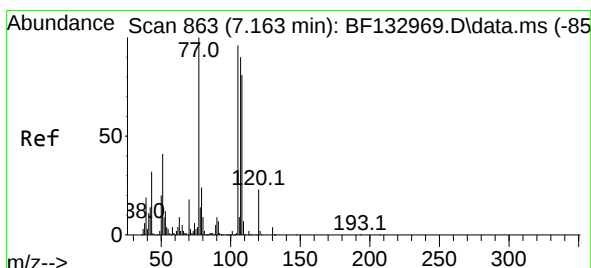
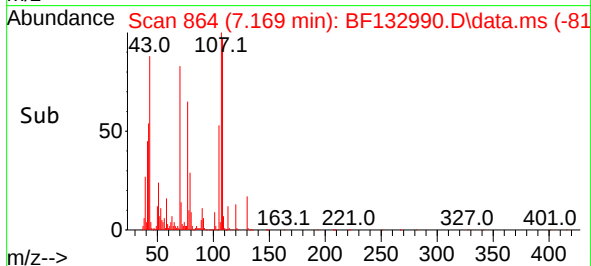
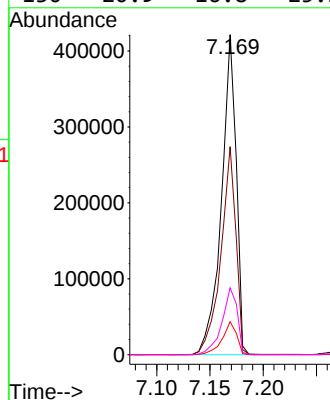
Ion Ratio Lower Upper

70 100

42 65.0 51.8 77.6

101 10.3 8.0 12.0

130 20.9 16.8 25.2



#20

3+4-Methylphenols

Concen: 42.606 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Tgt Ion: 107 Resp: 599831

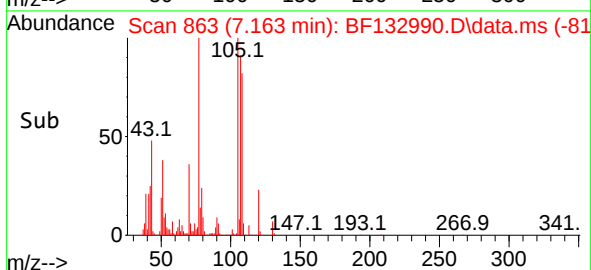
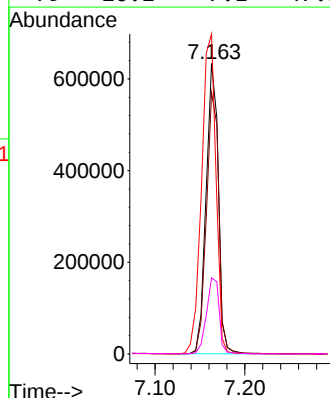
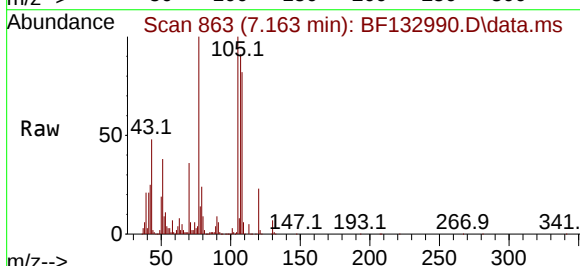
Ion Ratio Lower Upper

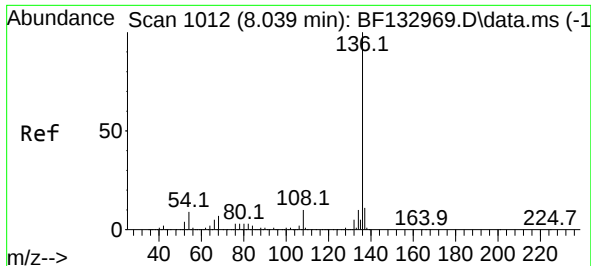
107 100

108 90.1 70.5 110.5

77 110.2 91.7 131.7

79 26.2 7.1 47.1



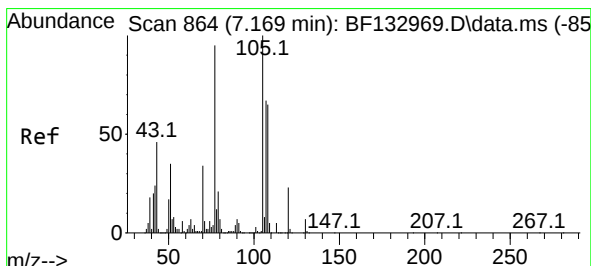
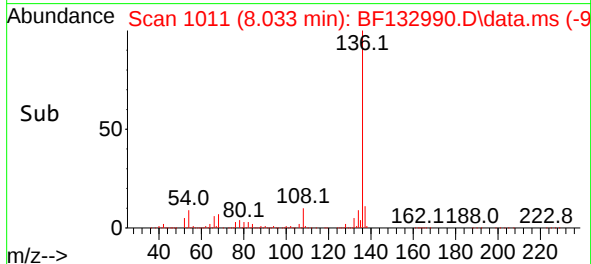
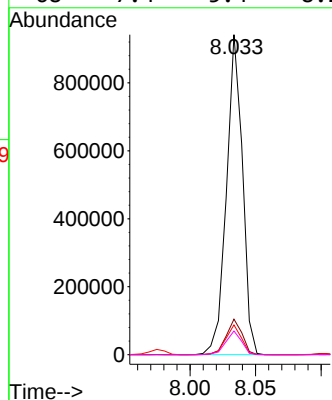
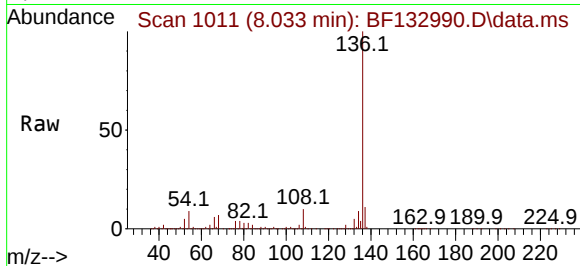


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152338BS

Tgt Ion:136 Resp: 796847

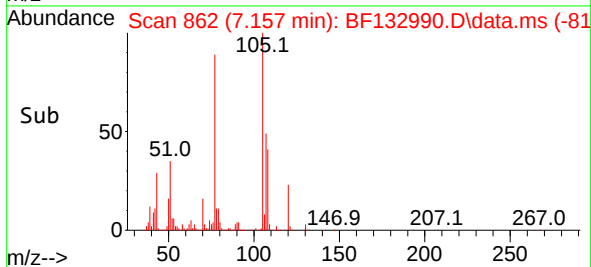
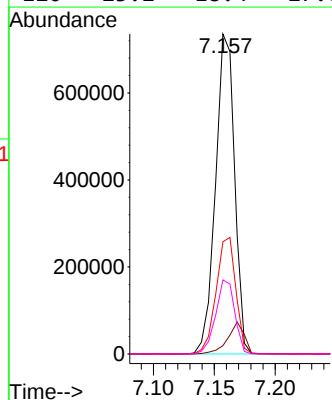
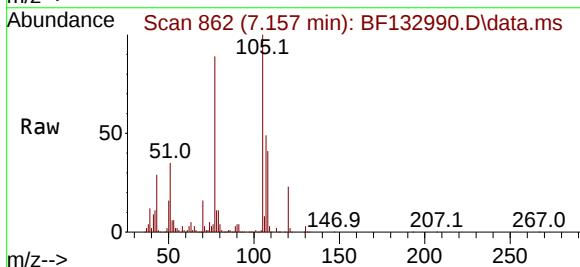
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.3	7.0	10.4
68	7.4	5.4	8.2

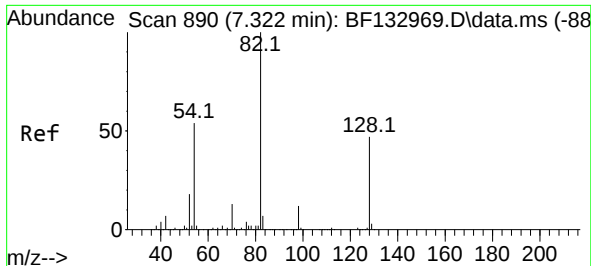


#22
Acetophenone
Concen: 43.498 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:105 Resp: 802909

Ion	Ratio	Lower	Upper
105	100		
71	2.6	4.6	7.0#
51	35.1	28.2	42.2
120	23.2	18.4	27.6





#23

Nitrobenzene-d5

Concen: 83.199 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

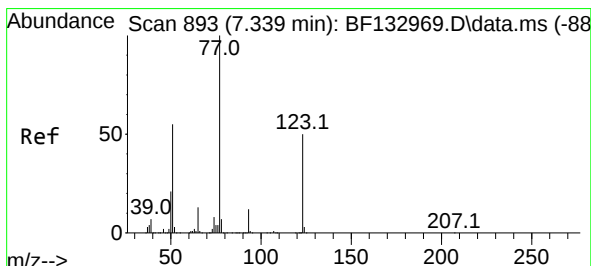
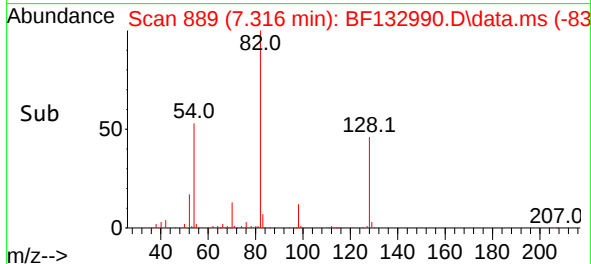
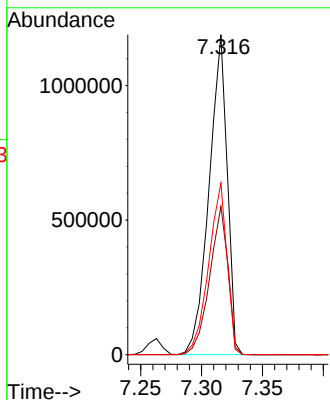
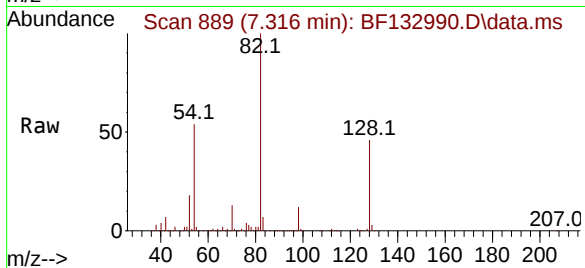
BNA_F

ClientSampleId :

PB152338BS

Tgt Ion: 82 Resp: 1228242

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.7	56.5
54	53.6	43.0	64.4



#24

Nitrobenzene

Concen: 41.905 ng

RT: 7.333 min Scan# 892

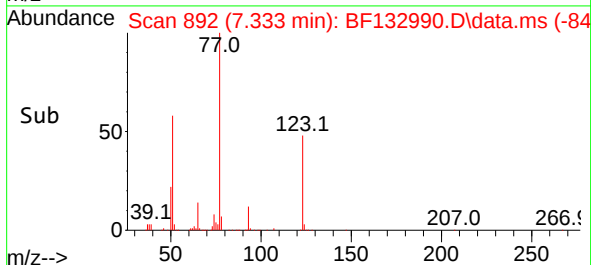
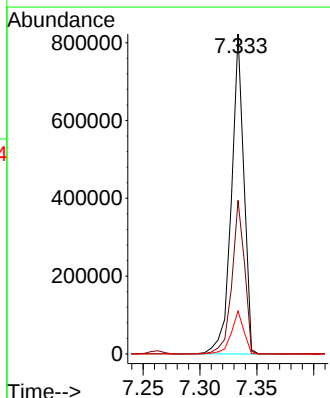
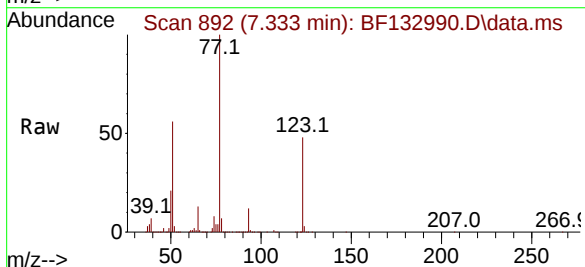
Delta R.T. -0.006 min

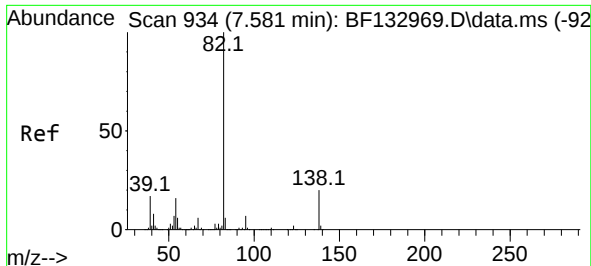
Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Tgt Ion: 77 Resp: 626873

Ion	Ratio	Lower	Upper
77	100		
123	48.0	39.9	59.9
65	13.4	10.7	16.1

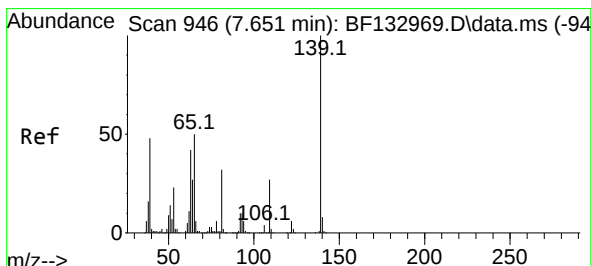
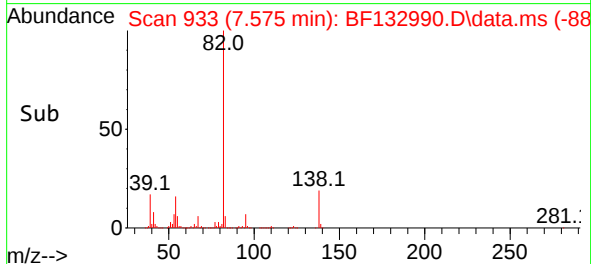
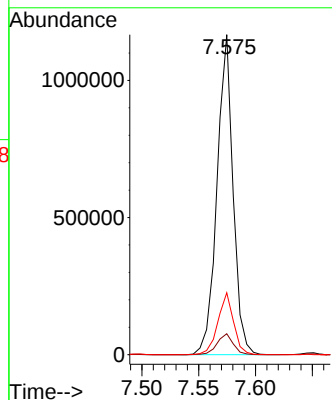
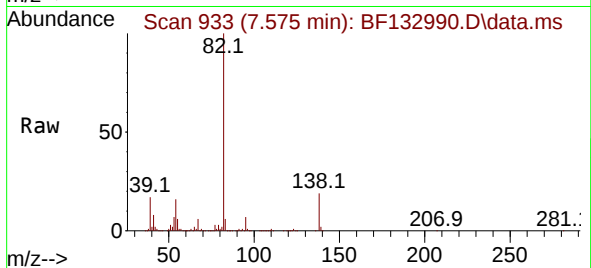




#25
Isophorone
Concen: 40.993 ng
RT: 7.575 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

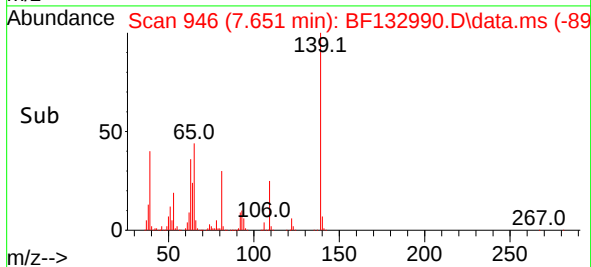
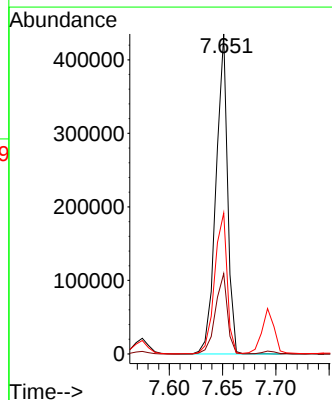
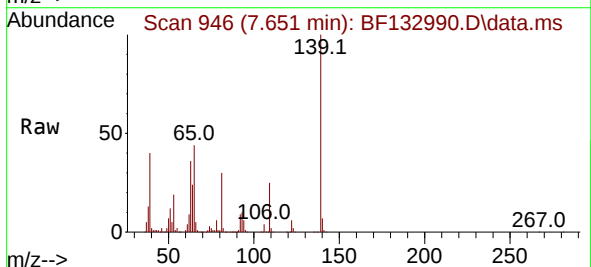
Instrument :
BNA_F
ClientSampleId :
PB152338BS

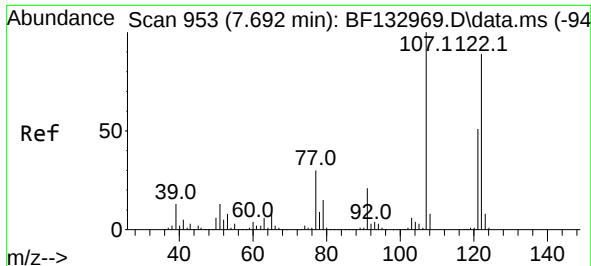
Tgt Ion: 82 Resp: 1149000
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 19.3 16.0 24.0



#26
2-Nitrophenol
Concen: 45.760 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:139 Resp: 330179
Ion Ratio Lower Upper
139 100
109 25.1 21.6 32.4
65 44.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.336 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

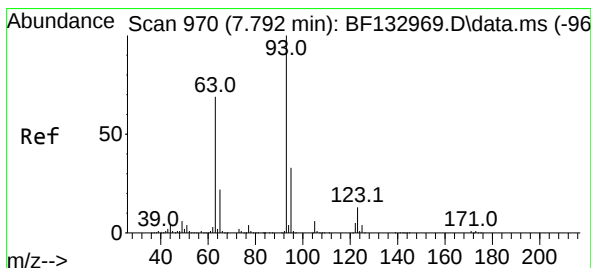
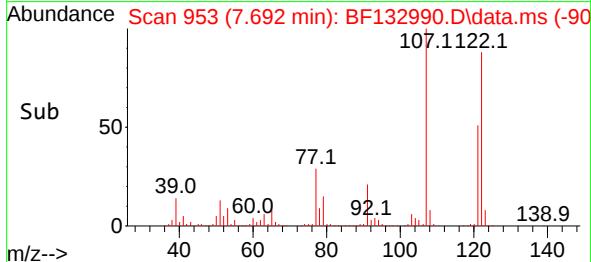
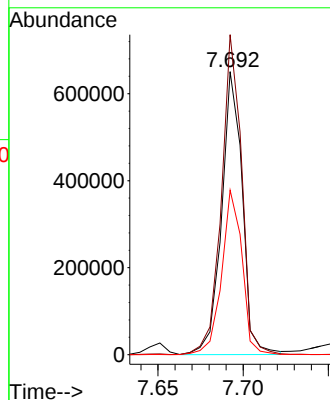
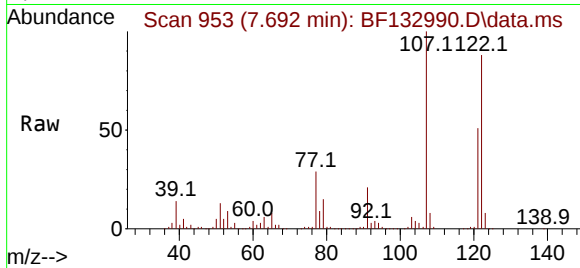
Tgt Ion:122 Resp: 548547

Ion Ratio Lower Upper

122 100

107 113.1 89.7 134.5

121 58.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.267 ng

RT: 7.786 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

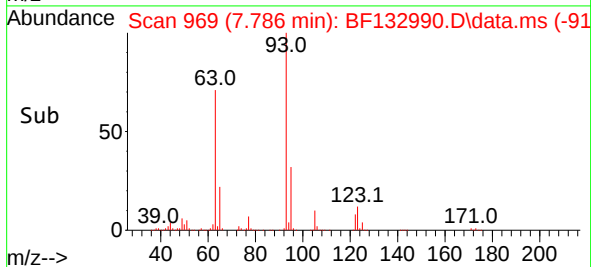
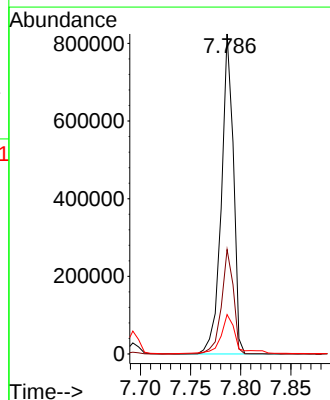
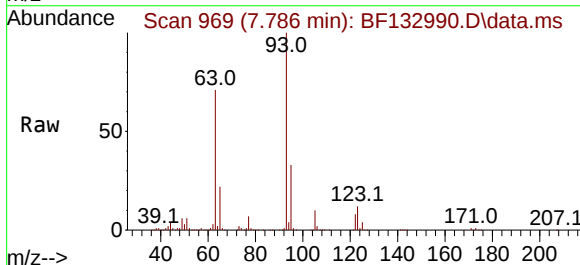
Tgt Ion: 93 Resp: 684283

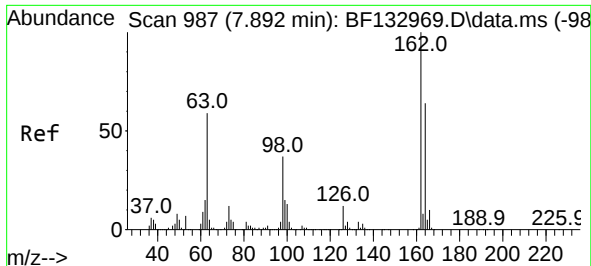
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.044 ng

RT: 7.892 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

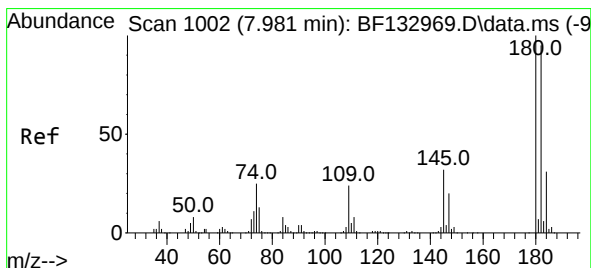
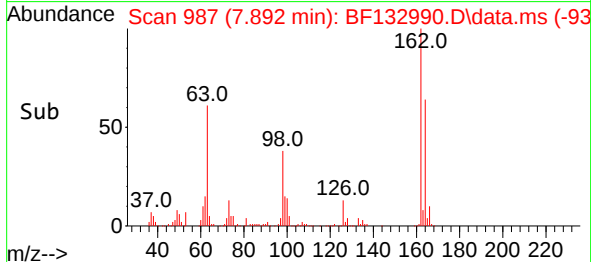
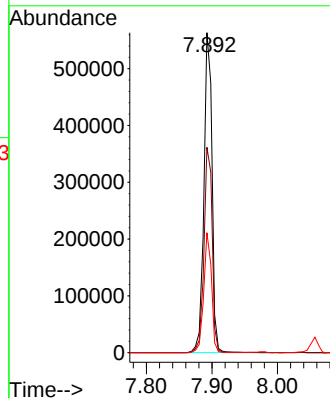
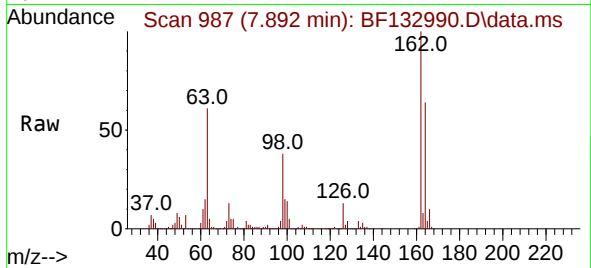
Tgt Ion:162 Resp: 484814

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 37.5 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 42.955 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

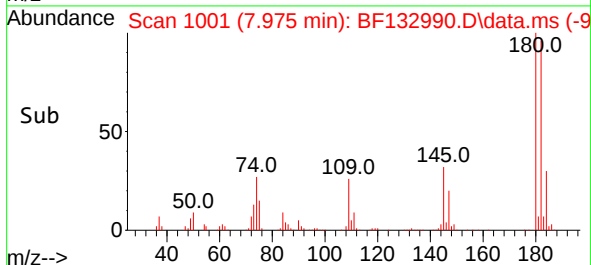
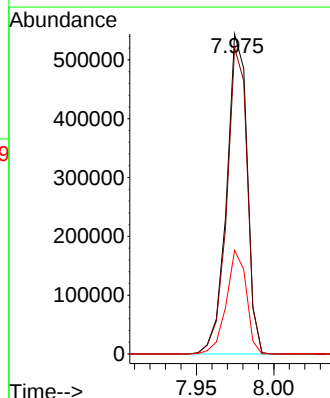
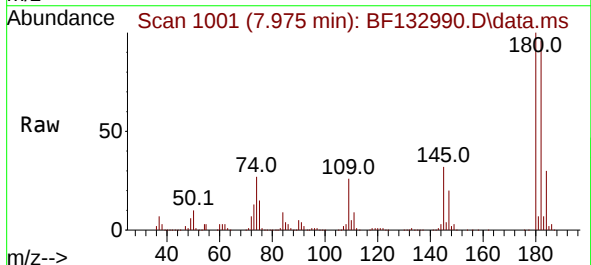
Tgt Ion:180 Resp: 501228

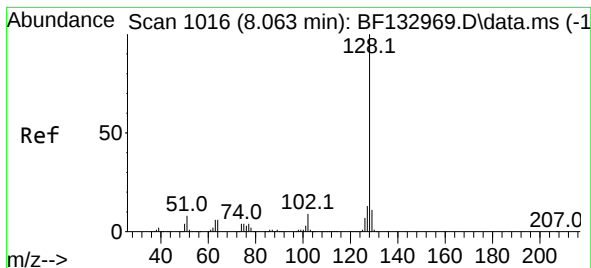
Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

145 32.4 25.3 37.9





#31

Naphthalene

Concen: 41.956 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

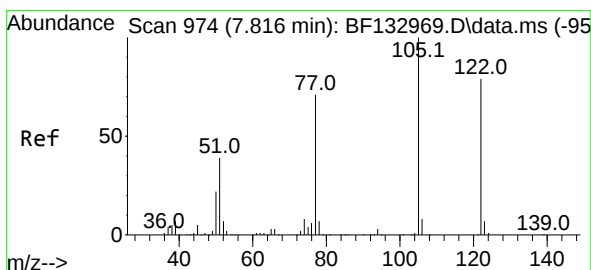
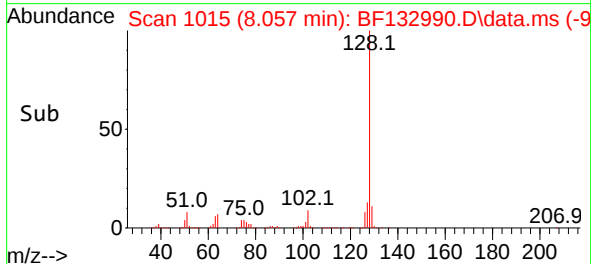
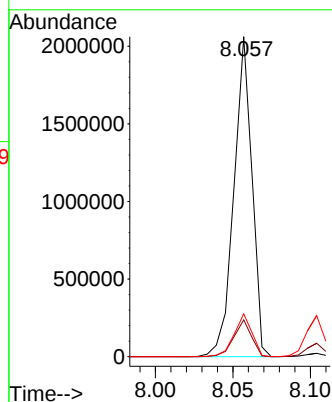
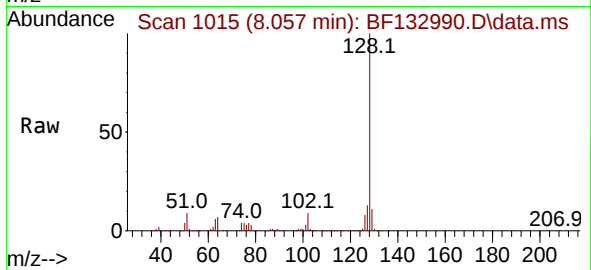
Tgt Ion:128 Resp: 1671510

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 50.343 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

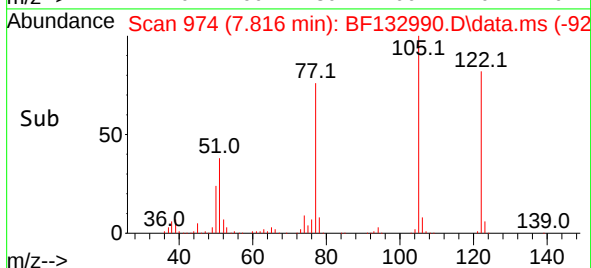
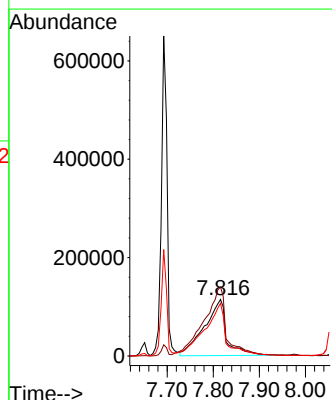
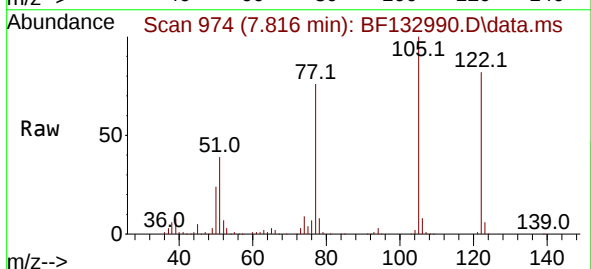
Tgt Ion:122 Resp: 384736

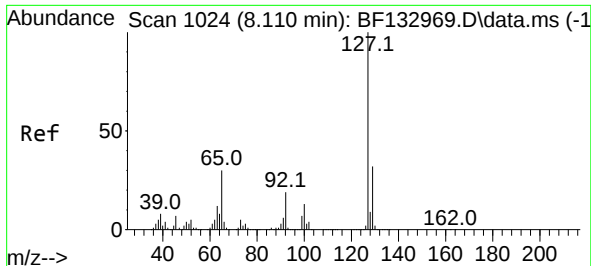
Ion Ratio Lower Upper

122 100

105 122.0 104.2 144.2

77 93.3 69.7 109.7





#33
4-Chloroaniline
Concen: 14.659 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

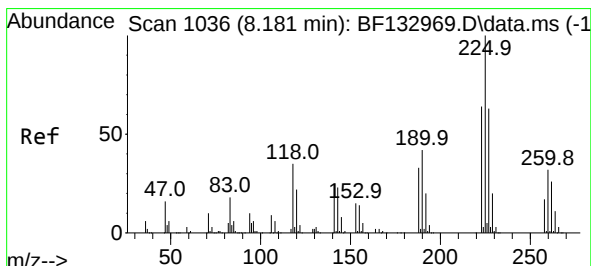
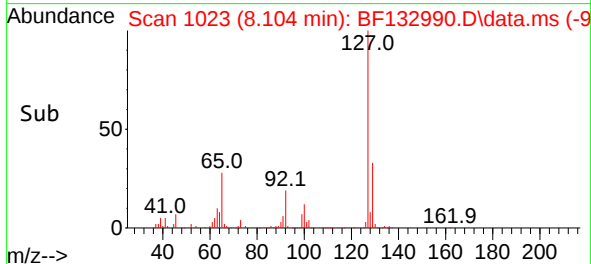
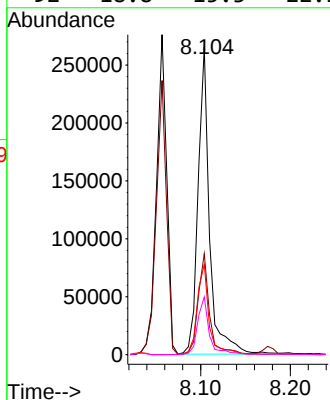
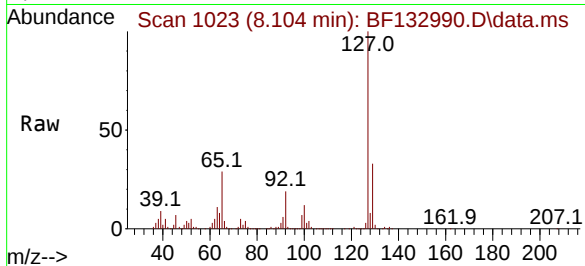
Instrument :

BNA_F

ClientSampleId :

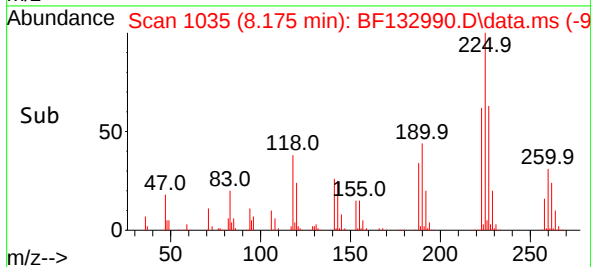
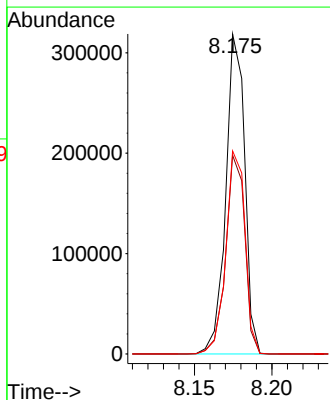
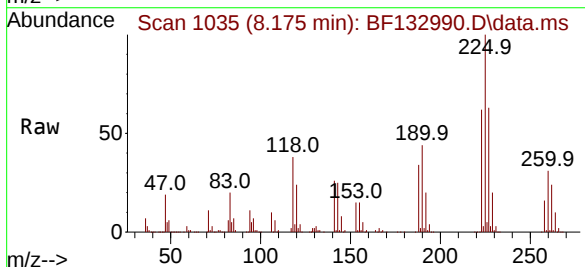
PB152338BS

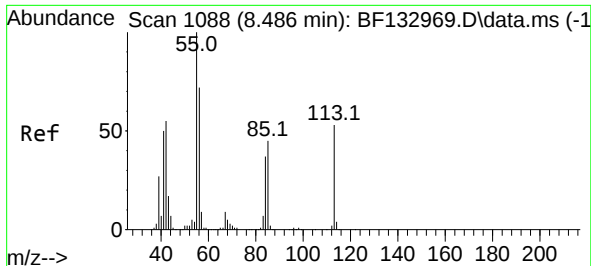
Tgt Ion:127	Resp: 235967
Ion Ratio	Lower Upper
127 100	
129 32.8	25.8 38.8
65 29.3	23.6 35.4
92 18.8	15.3 22.9



#34
Hexachlorobutadiene
Concen: 41.793 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:225	Resp: 270282		
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.9	76.3
227	63.5	50.3	75.5

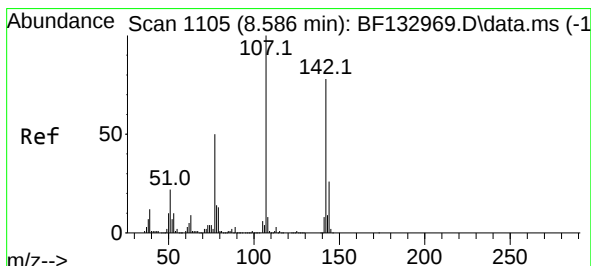
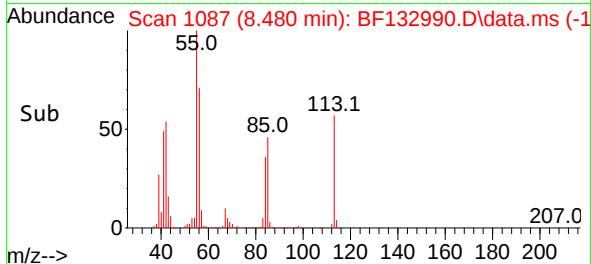
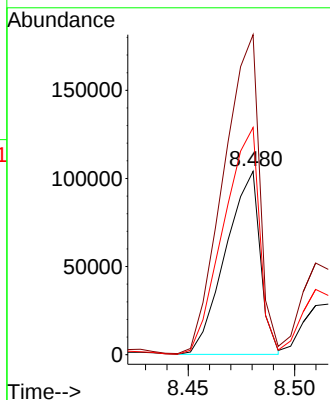
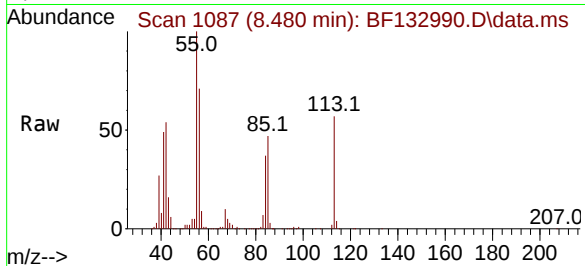




#35
 Caprolactam
 Concen: 31.027 ng
 RT: 8.480 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: BF132990.D
 Acq: 24 Apr 2023 12:27

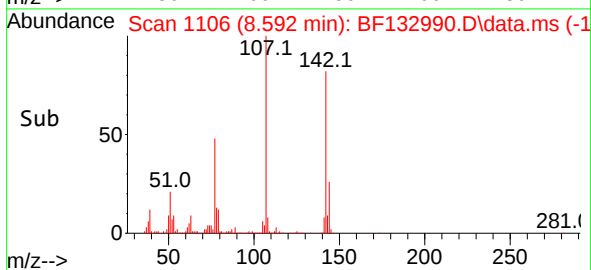
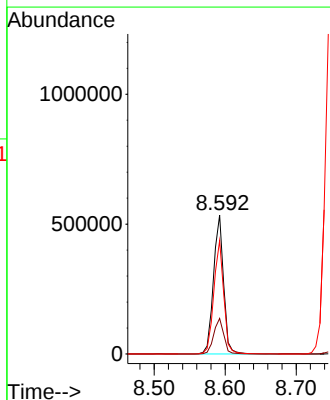
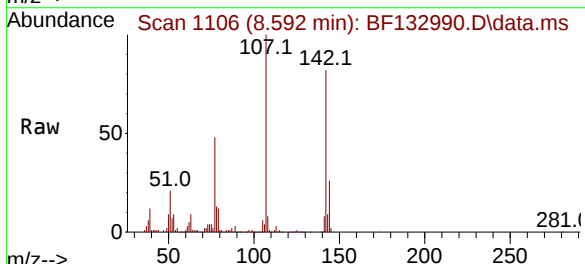
Instrument :
 BNA_F
 ClientSampleId :
 PB152338BS

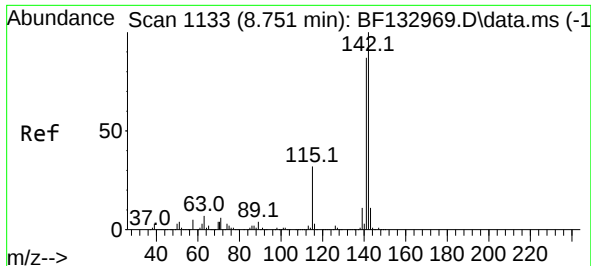
Tgt Ion:113 Resp: 117397
 Ion Ratio Lower Upper
 113 100
 55 174.5 167.1 207.1
 56 123.9 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.481 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF132990.D
 Acq: 24 Apr 2023 12:27

Tgt Ion:107 Resp: 528120
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 30.8
 142 81.7 62.8 94.2

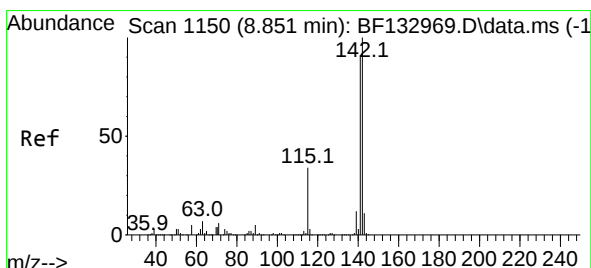
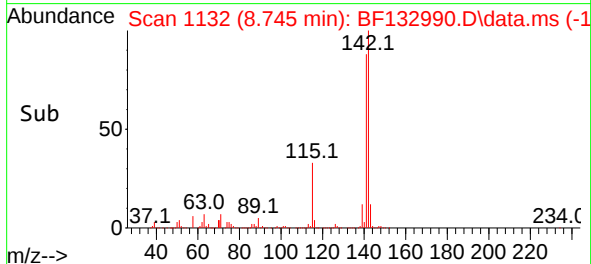
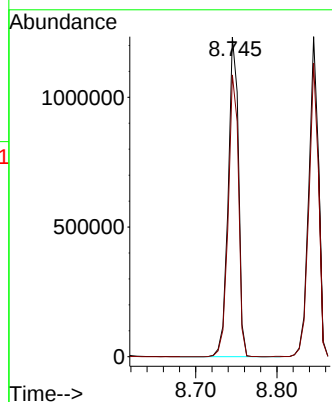
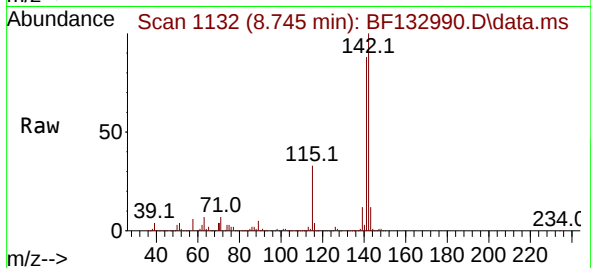




#37
2-Methylnaphthalene
Concen: 40.077 ng
RT: 8.745 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

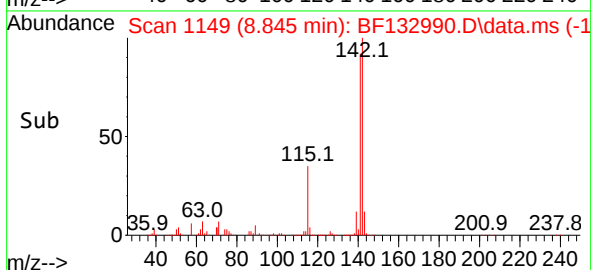
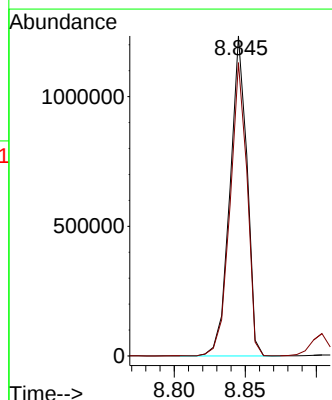
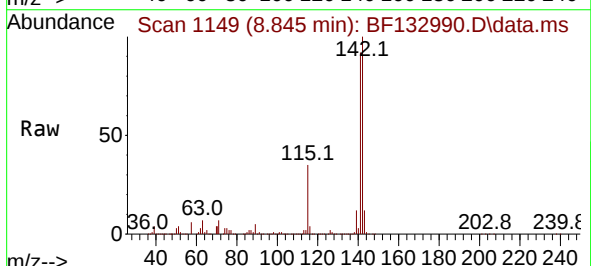
Instrument :
BNA_F
ClientSampleId :
PB152338BS

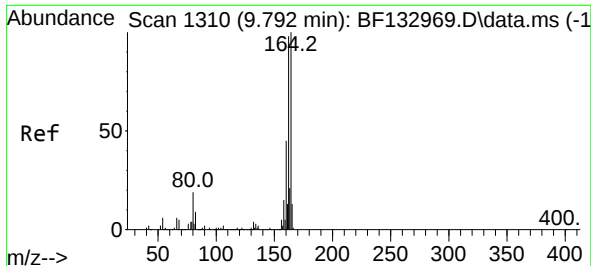
Tgt Ion:142 Resp: 1091588
Ion Ratio Lower Upper
142 100
141 88.2 69.4 104.0



#38
1-Methylnaphthalene
Concen: 40.394 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:142 Resp: 1029255
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 11309

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

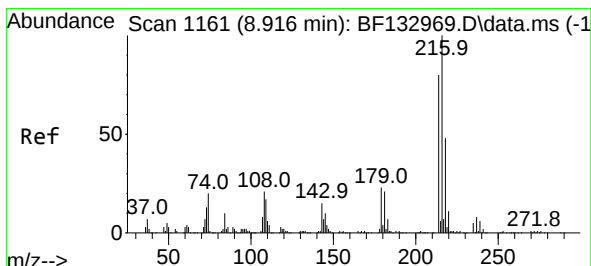
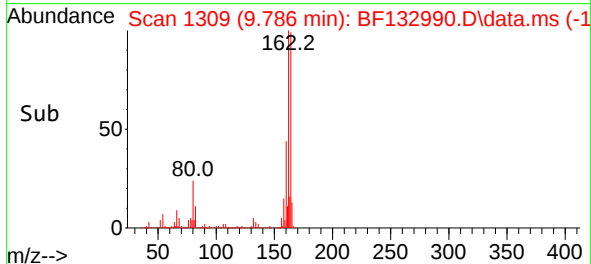
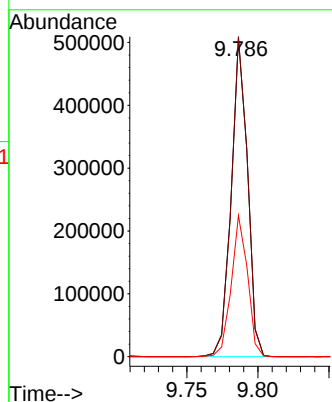
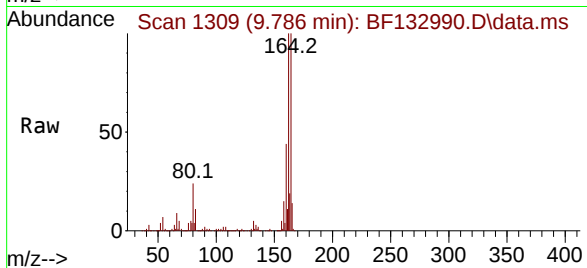
Tgt Ion:164 Resp: 404634

Ion Ratio Lower Upper

164 100

162 100.3 78.7 118.1

160 44.2 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.124 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Tgt Ion:216 Resp: 436524

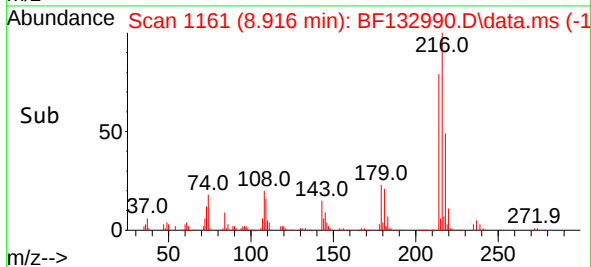
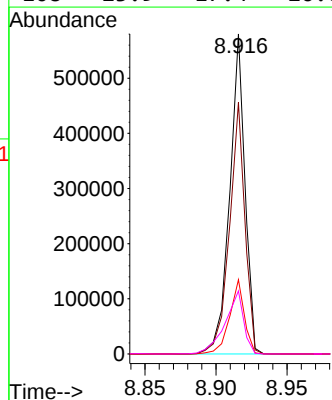
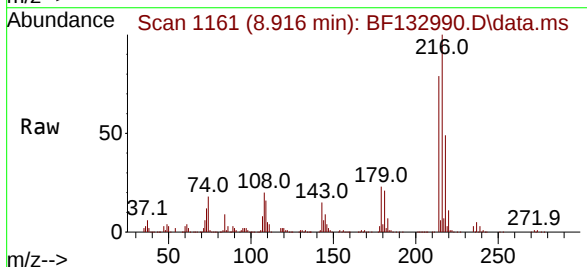
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 22.5 17.4 26.2

108 23.9 17.4 26.0

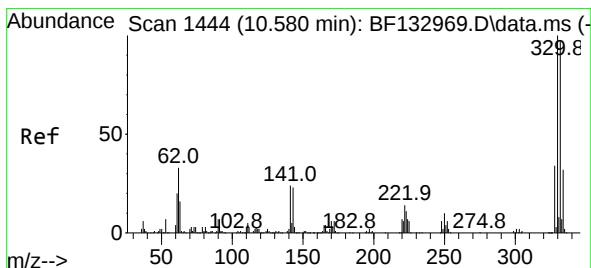
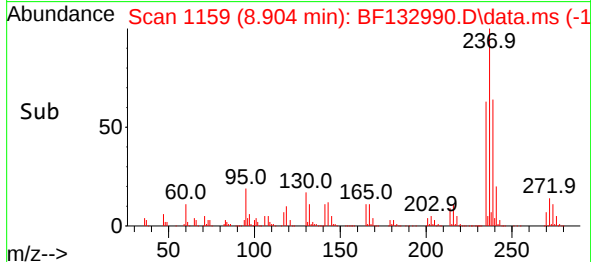
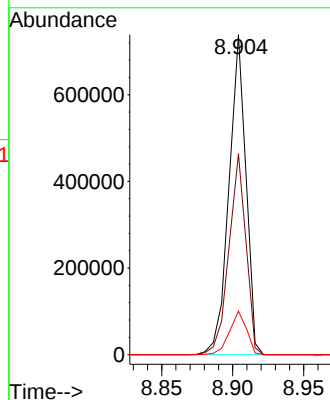
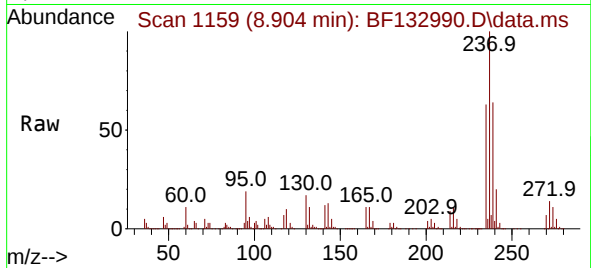




#41
Hexachlorocyclopentadiene
Concen: 96.460 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

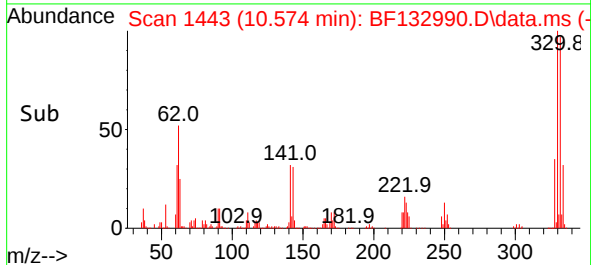
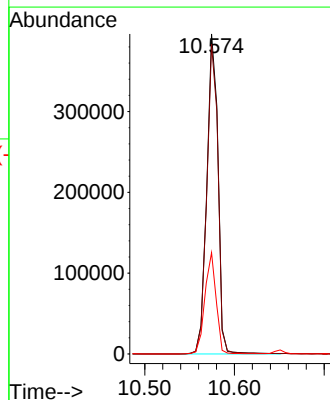
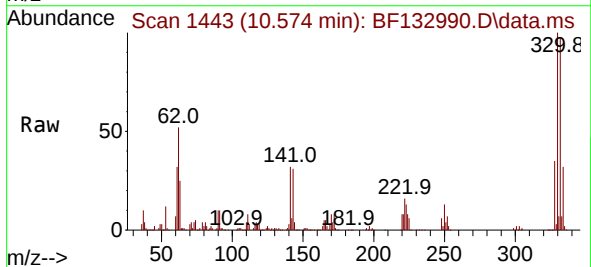
Instrument :
BNA_F
ClientSampleId :
PB152338BS

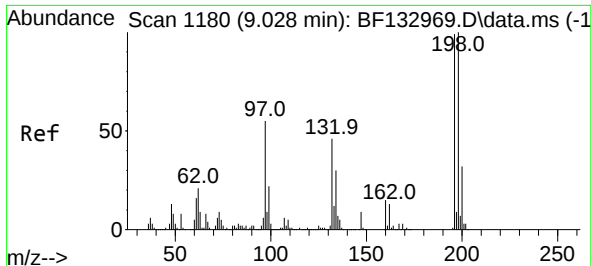
Tgt Ion:237 Resp: 612036
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 13.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 84.318 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:330 Resp: 343123
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 31.8 25.8 38.8

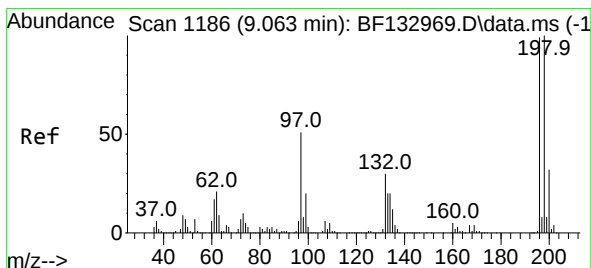
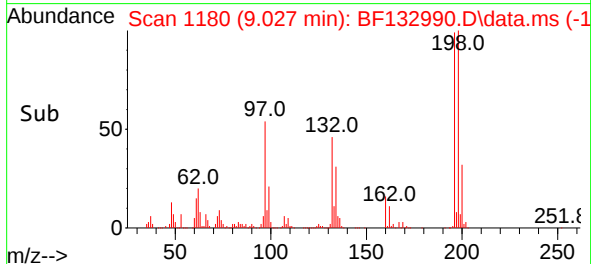
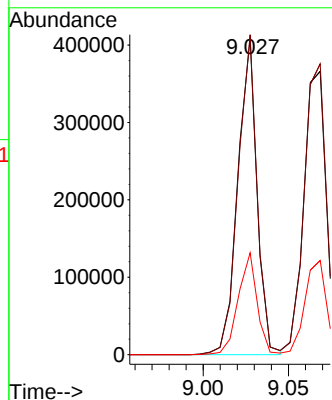
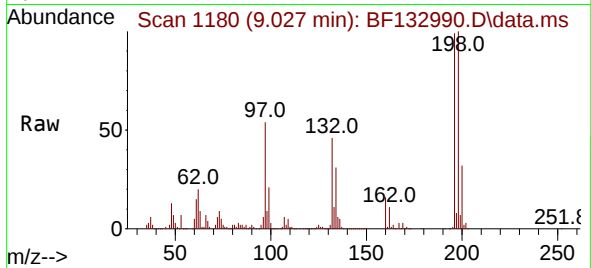




#43
2,4,6-Trichlorophenol
Concen: 42.650 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

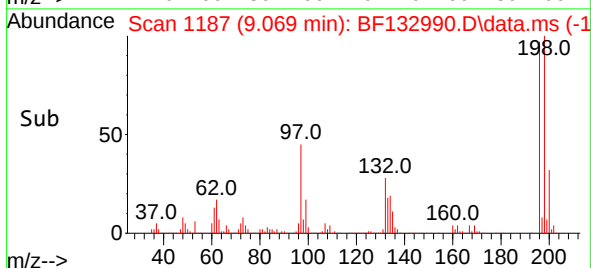
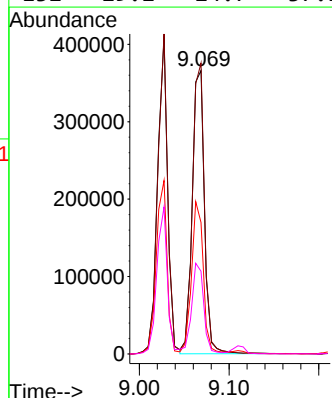
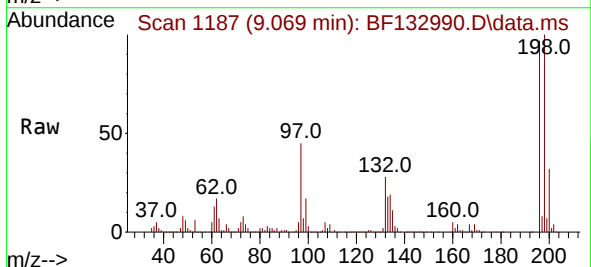
Instrument :
BNA_F
ClientSampleId :
PB152338BS

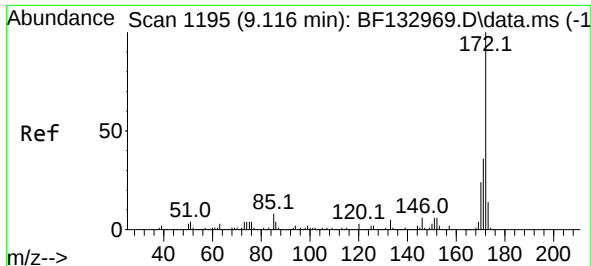
Tgt Ion:196 Resp: 320895
Ion Ratio Lower Upper
196 100
198 101.1 81.0 121.6
200 32.2 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 39.841 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:196 Resp: 346677
Ion Ratio Lower Upper
196 100
198 102.6 80.9 121.3
97 46.4 41.3 61.9
132 29.2 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 83.825 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

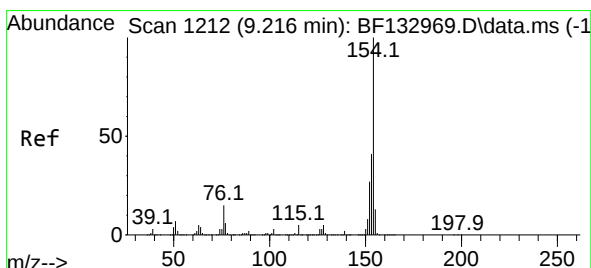
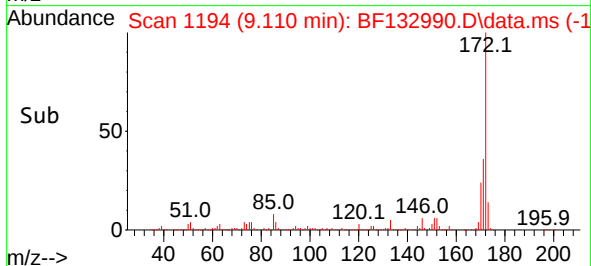
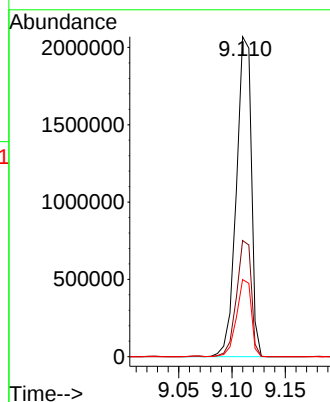
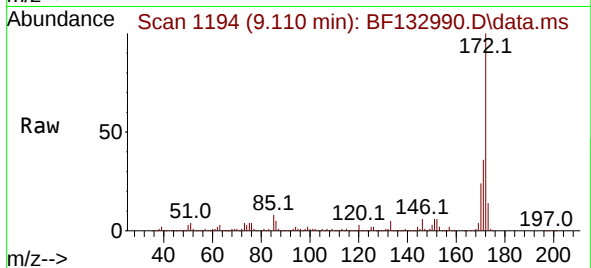
Tgt Ion:172 Resp: 2027399

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.1 19.4 29.2



#46

1,1'-Biphenyl

Concen: 41.262 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

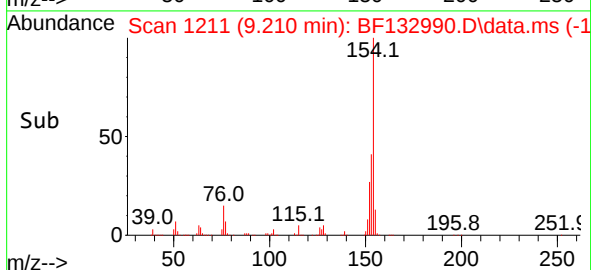
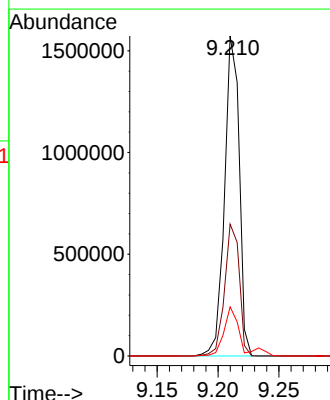
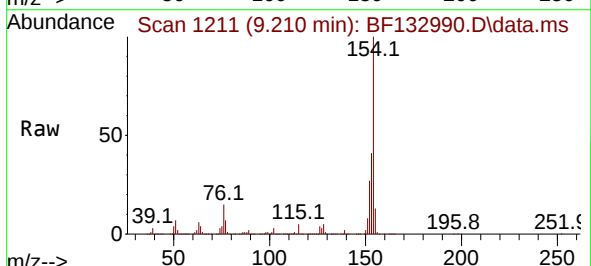
Tgt Ion:154 Resp: 1323933

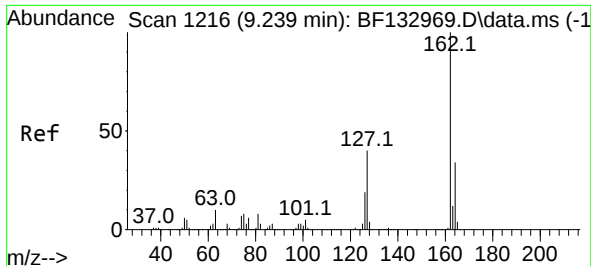
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 15.4 0.0 34.5

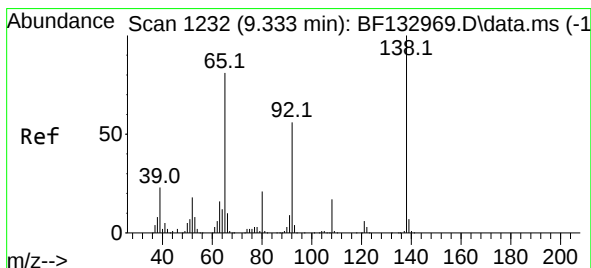
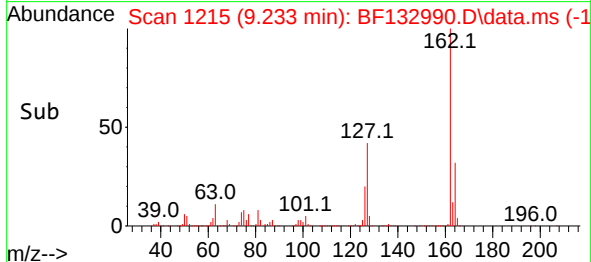
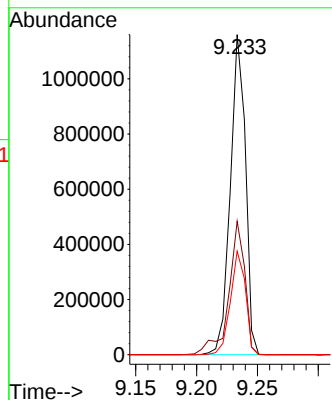
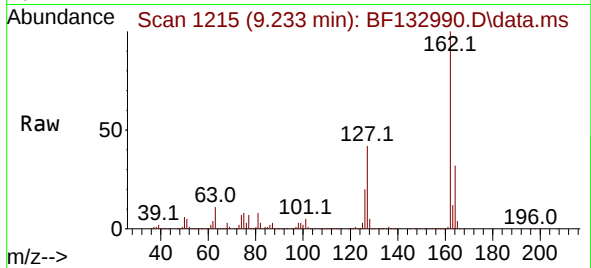




#47
2-Chloronaphthalene
Concen: 42.816 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

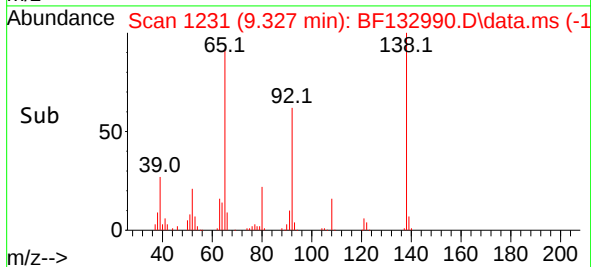
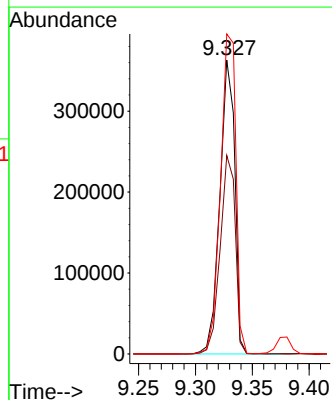
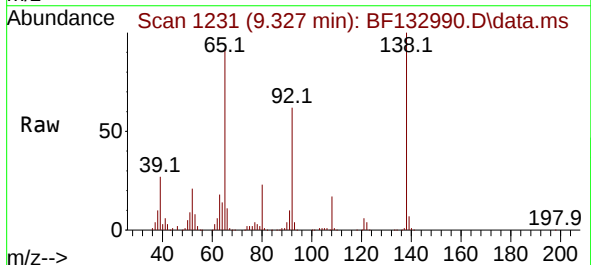
Instrument :
BNA_F
ClientSampleId :
PB152338BS

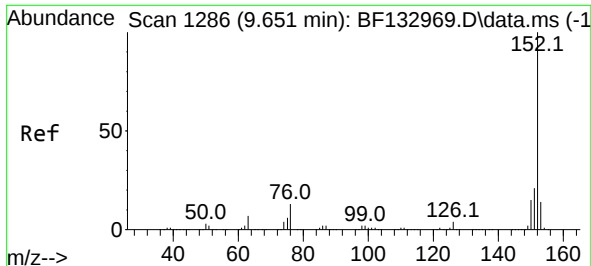
Tgt Ion:162 Resp: 1005517
Ion Ratio Lower Upper
162 100
127 41.7 32.3 48.5
164 32.3 26.8 40.2



#48
2-Nitroaniline
Concen: 42.897 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 65 Resp: 332950
Ion Ratio Lower Upper
65 100
92 67.5 55.4 83.0
138 108.8 98.2 147.2





#49

Acenaphthylene

Concen: 41.775 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

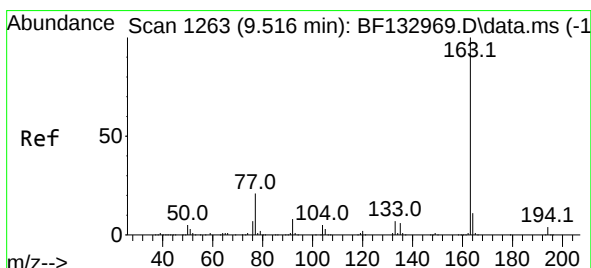
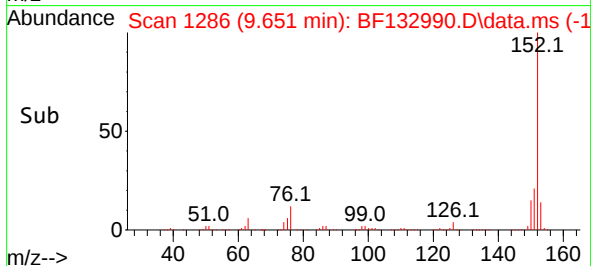
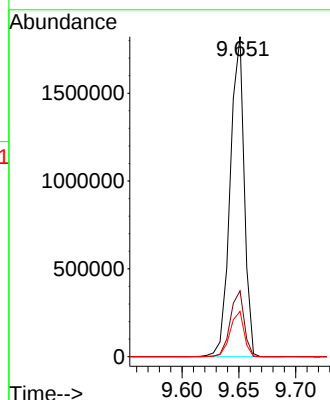
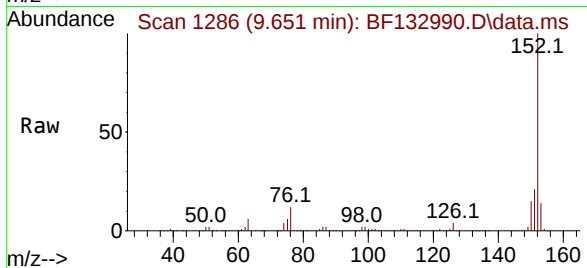
Tgt Ion:152 Resp: 1567607

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

153 14.1 11.5 17.3



#50

Dimethylphthalate

Concen: 40.503 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

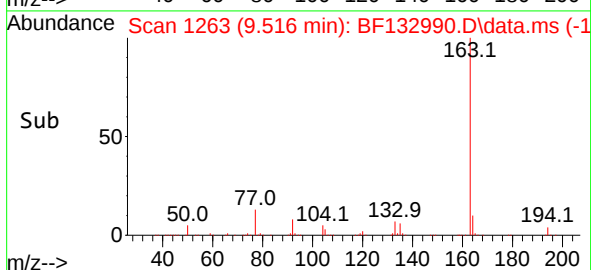
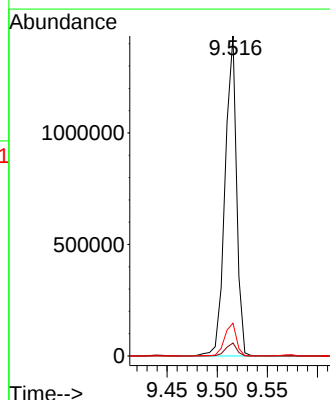
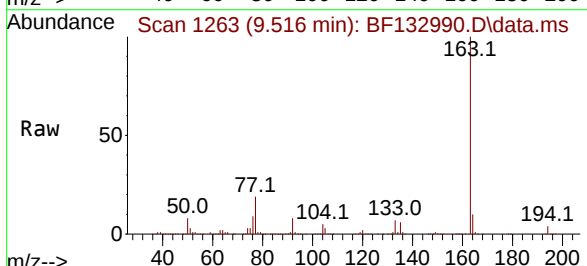
Tgt Ion:163 Resp: 1142774

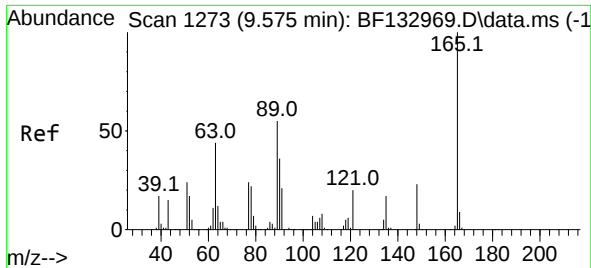
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.3 8.5 12.7

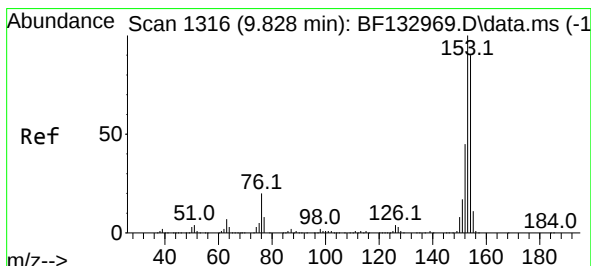
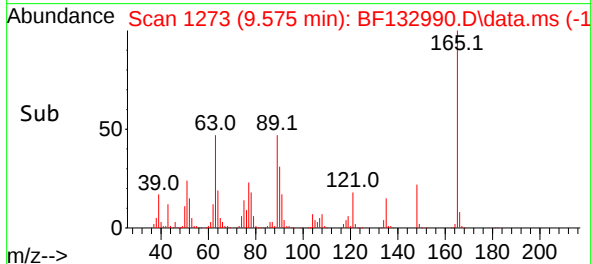
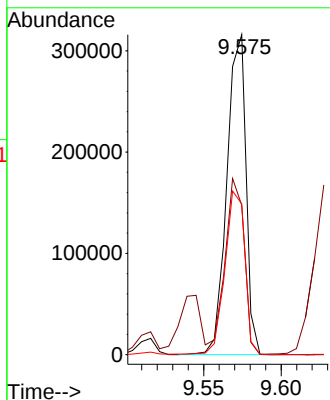
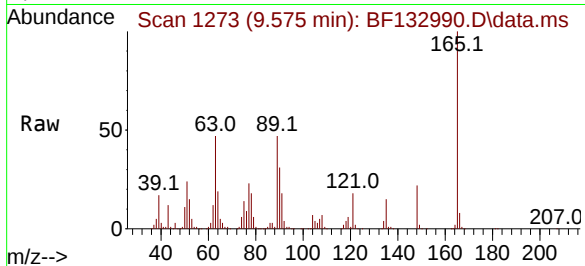




#51
2,6-Dinitrotoluene
Concen: 42.727 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

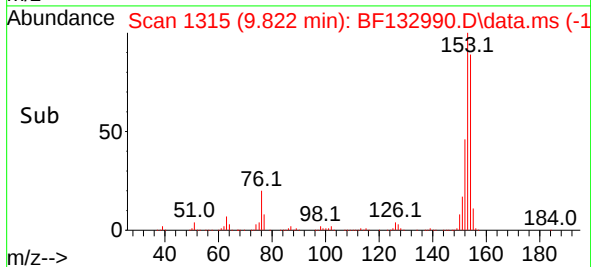
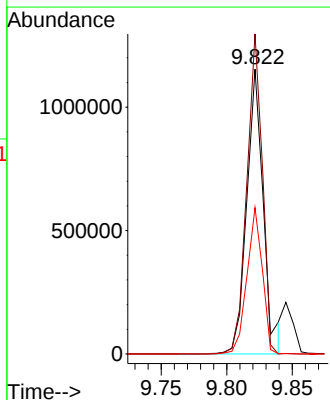
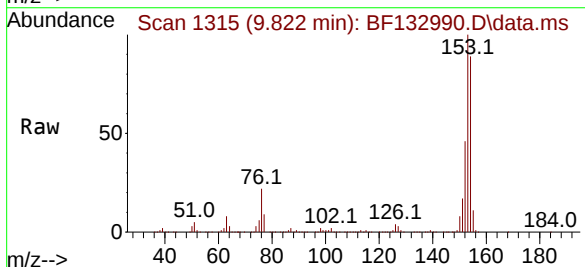
Instrument :
BNA_F
ClientSampleId :
PB152338BS

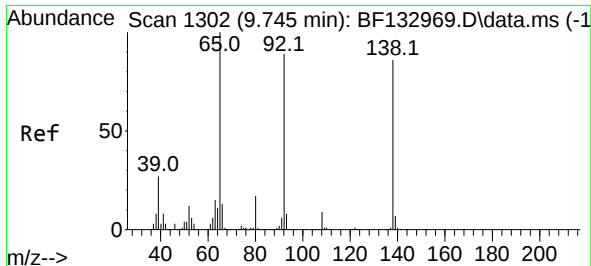
Tgt Ion:165 Resp: 271331
Ion Ratio Lower Upper
165 100
63 46.7 45.9 68.9
89 47.1 44.0 66.0



#52
Acenaphthene
Concen: 40.402 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:154 Resp: 1015405
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.6
152 51.4 40.4 60.6

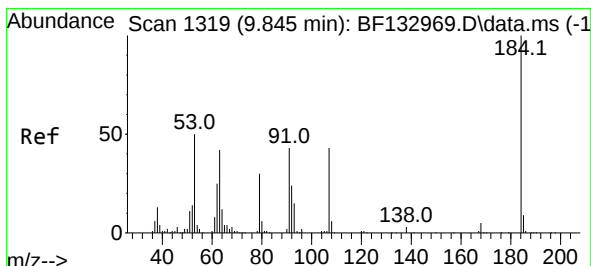
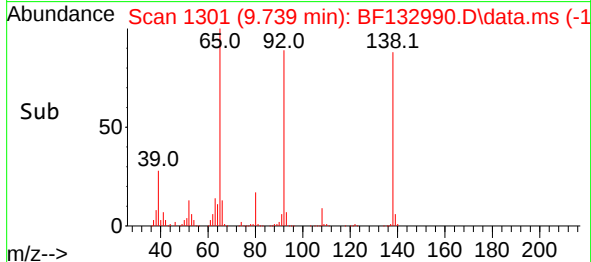
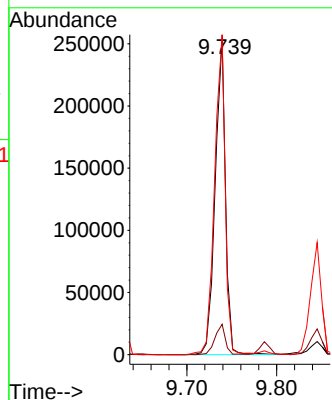
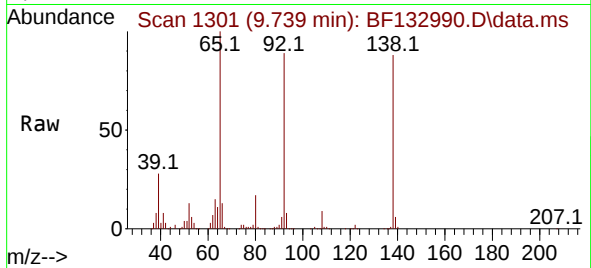




#53
3-Nitroaniline
Concen: 26.819 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

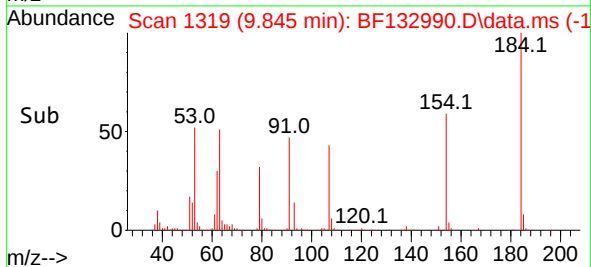
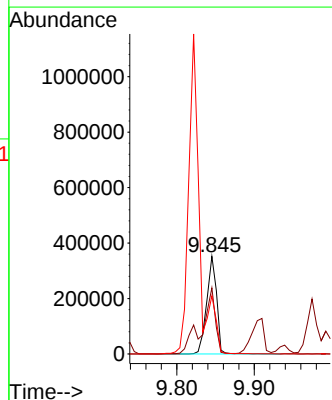
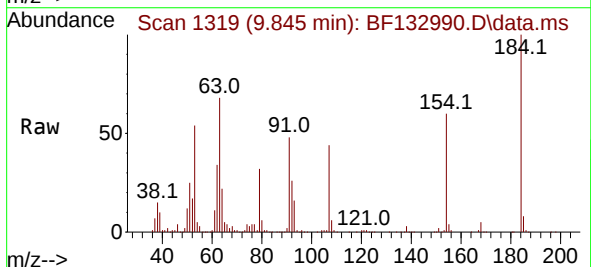
Instrument :
BNA_F
ClientSampleId :
PB152338BS

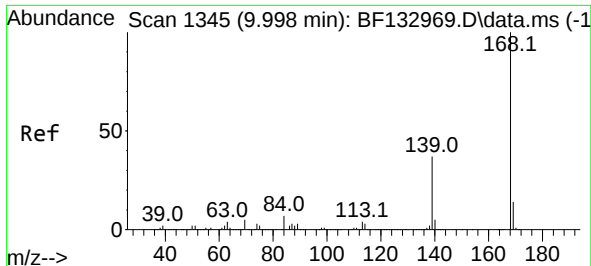
Tgt Ion:138 Resp: 202498
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 101.1 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 98.879 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:184 Resp: 315620
Ion Ratio Lower Upper
184 100
63 67.8 49.8 74.8
154 59.5 49.5 74.3

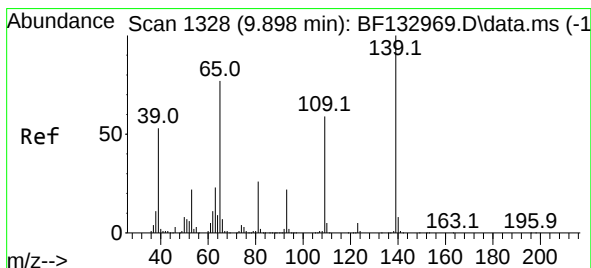
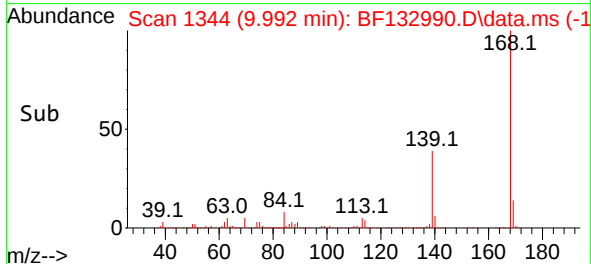
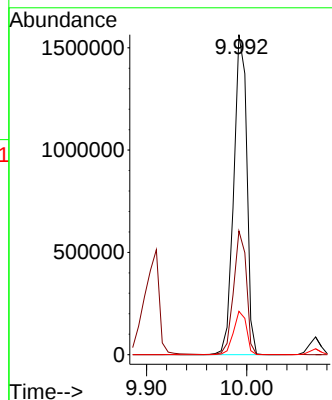
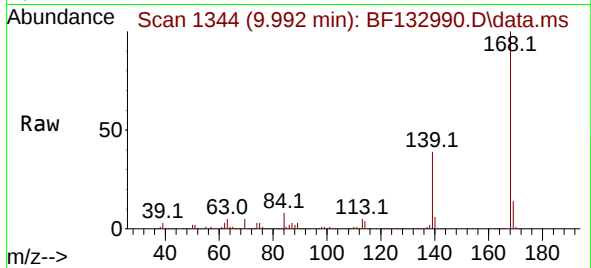




#55
Dibenzofuran
Concen: 41.051 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

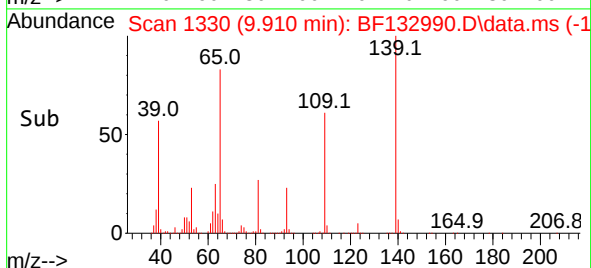
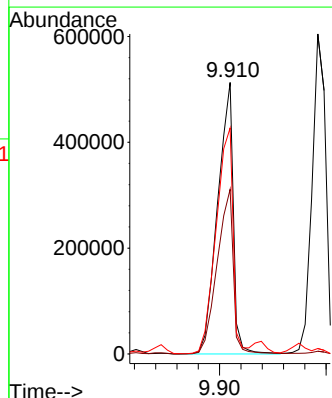
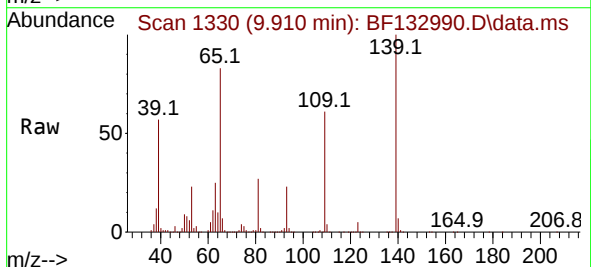
Instrument :
BNA_F
ClientSampleId :
PB152338BS

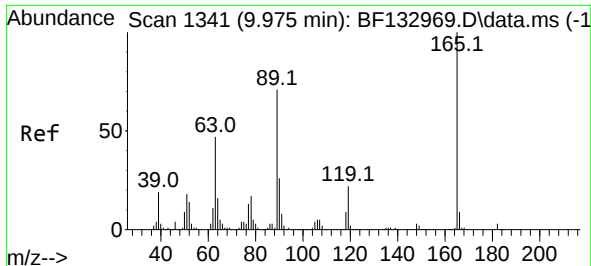
Tgt Ion:168 Resp: 1407339
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.8
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 89.323 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:139 Resp: 522370
Ion Ratio Lower Upper
139 100
109 60.6 39.4 79.4
65 83.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 44.190 ng

RT: 9.974 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

Tgt Ion:165 Resp: 357867

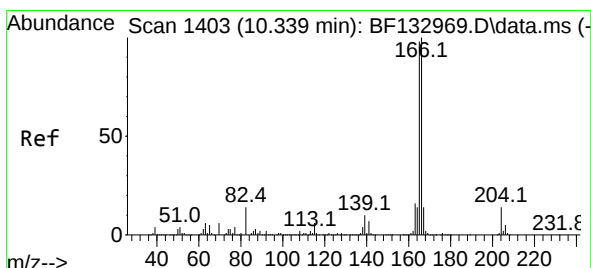
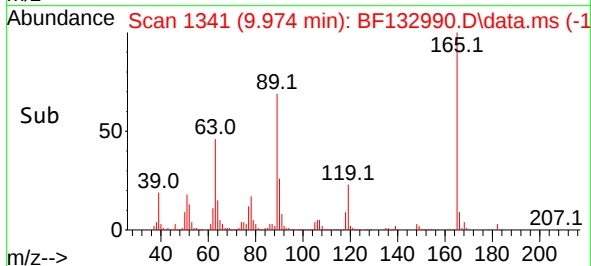
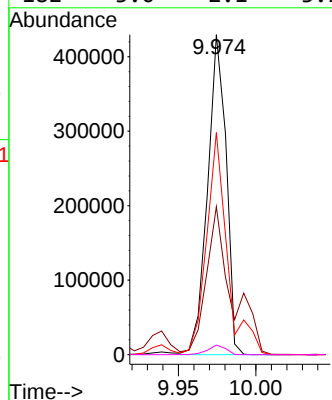
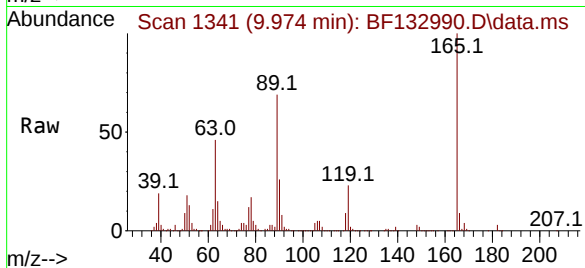
Ion Ratio Lower Upper

165 100

63 46.2 37.7 56.5

89 69.4 57.0 85.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 41.171 ng

RT: 10.339 min Scan# 1403

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

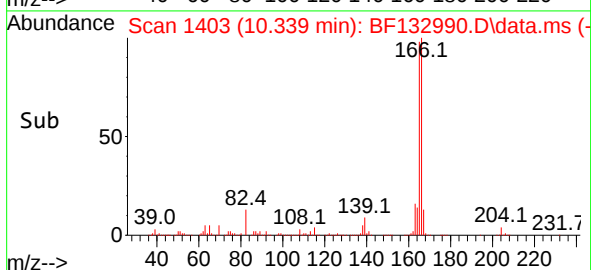
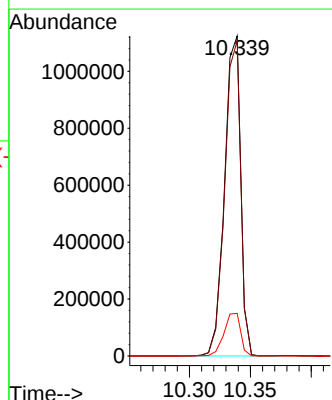
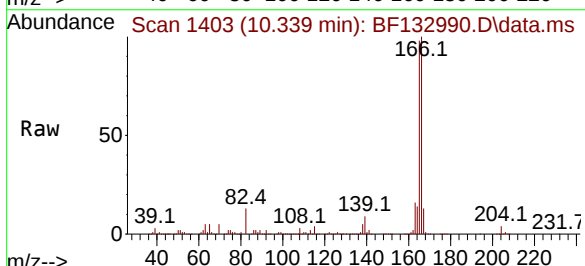
Tgt Ion:166 Resp: 1034095

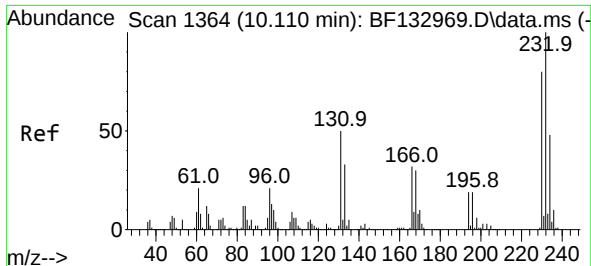
Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

167 13.3 11.0 16.4

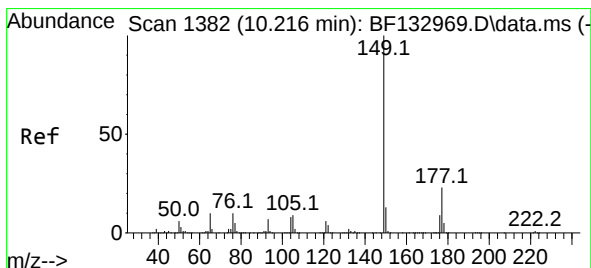
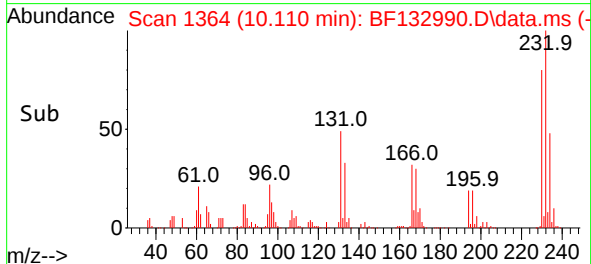
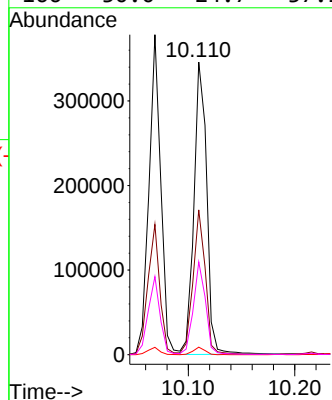
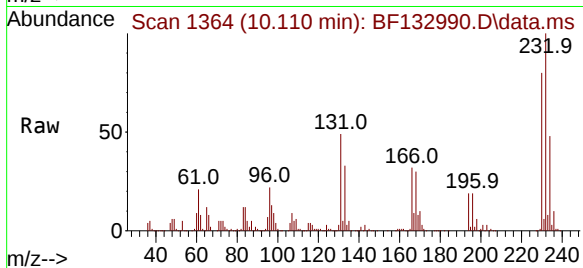




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.779 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

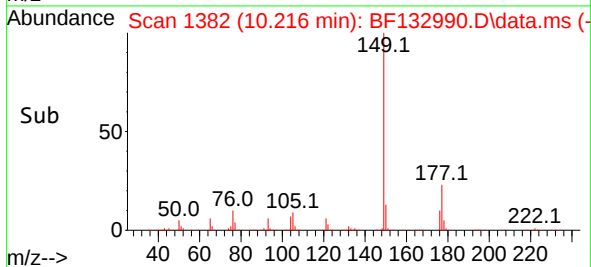
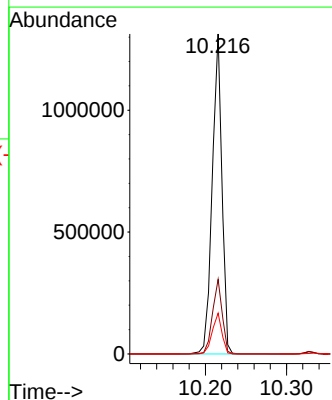
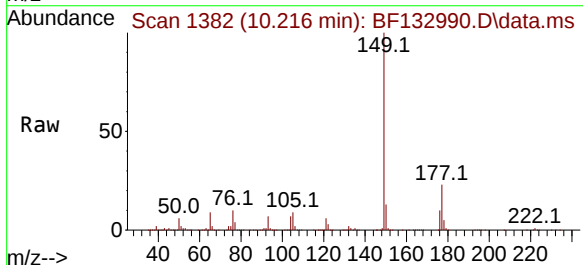
Instrument :
BNA_F
ClientSampleId :
PB152338BS

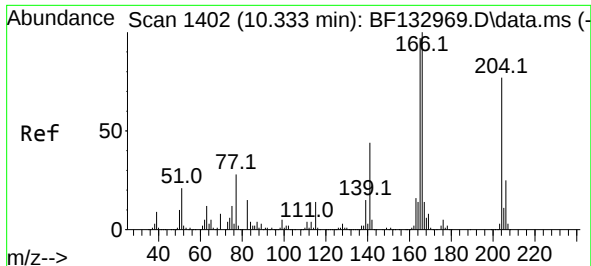
Tgt Ion:232 Resp: 288591
Ion Ratio Lower Upper
232 100
131 47.5 38.0 57.0
130 2.3 1.8 2.8
166 30.0 24.7 37.1



#60
Diethylphthalate
Concen: 40.666 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:149 Resp: 1083759
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.7 10.2 15.4

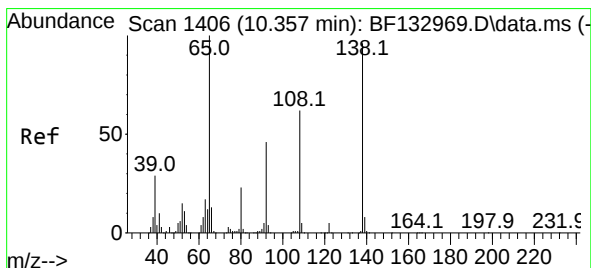
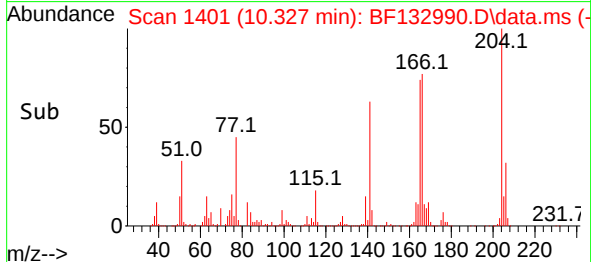
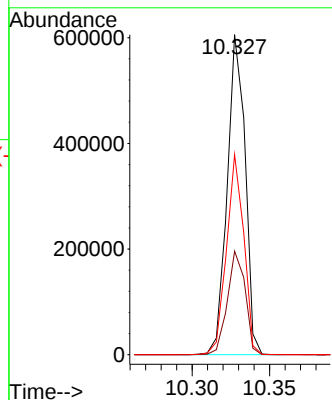
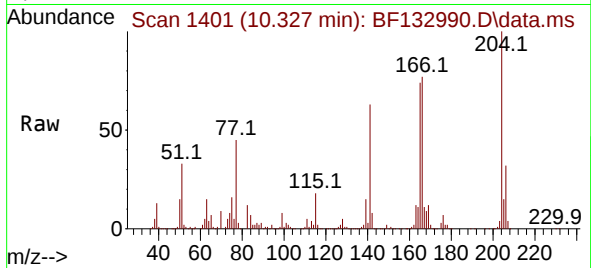




#61
4-Chlorophenyl-phenylether
Concen: 39.815 ng
RT: 10.327 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

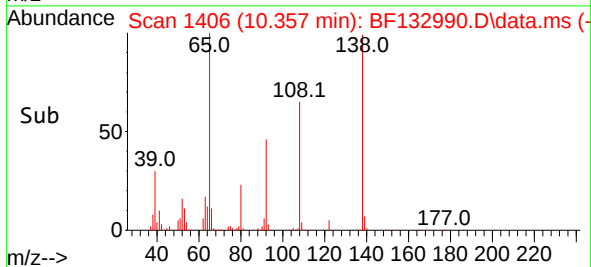
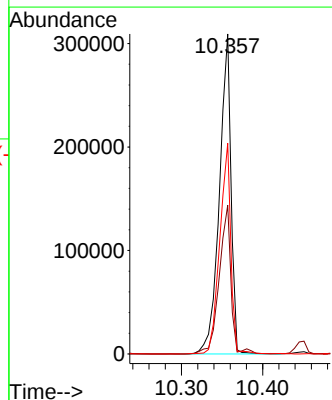
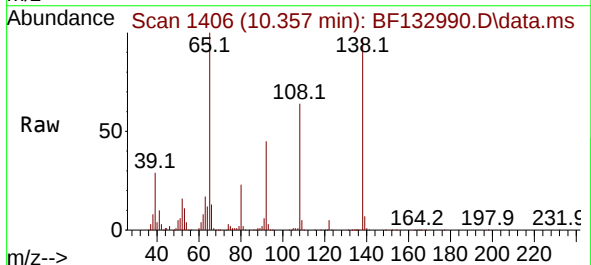
Instrument :
BNA_F
ClientSampleId :
PB152338BS

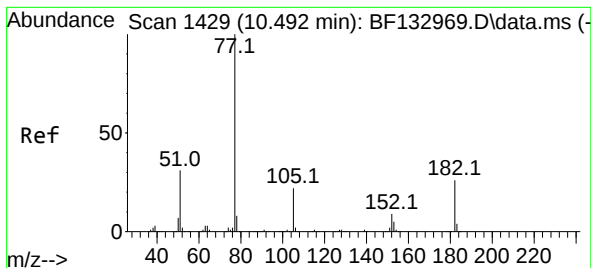
Tgt Ion:204 Resp: 487336
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 62.6 46.1 69.1



#62
4-Nitroaniline
Concen: 44.421 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:138 Resp: 308276
Ion Ratio Lower Upper
138 100
92 46.5 27.7 67.7
108 65.8 45.2 85.2





#63

Azobenzene

Concen: 40.146 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

Tgt Ion: 77 Resp: 1133386

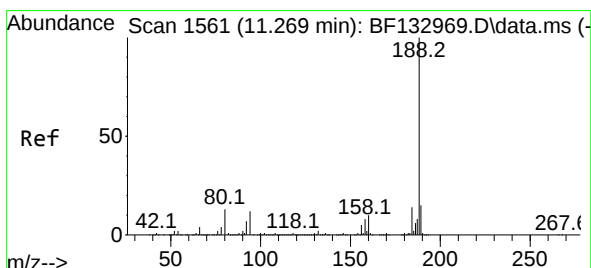
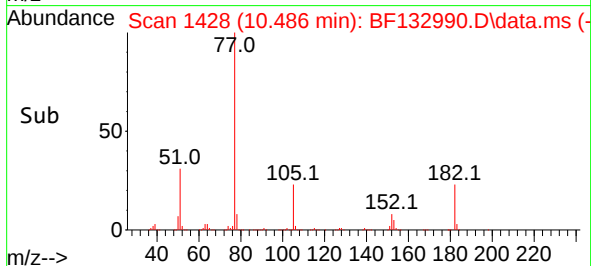
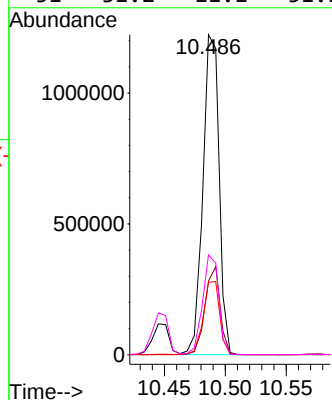
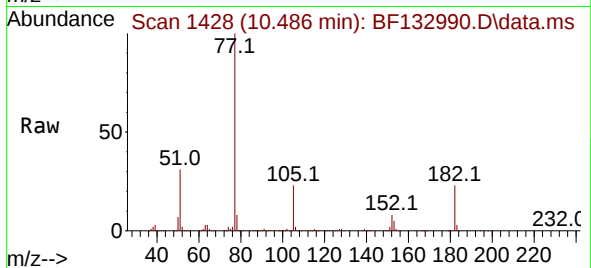
Ion Ratio Lower Upper

77 100

182 23.1 5.9 45.9

105 22.6 2.3 42.3

51 31.2 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

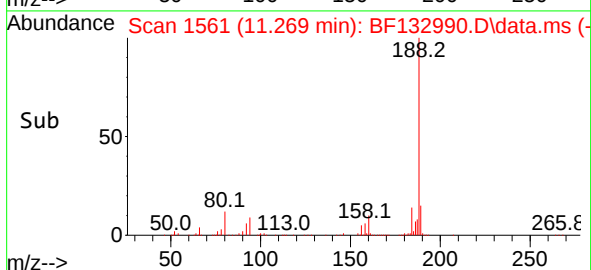
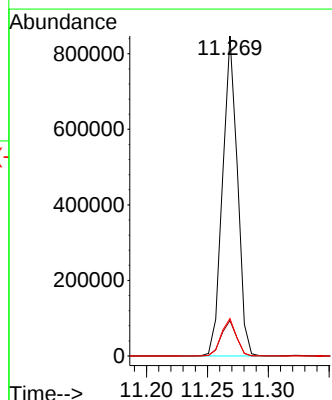
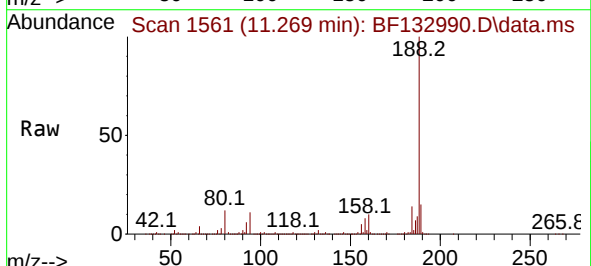
Tgt Ion:188 Resp: 719044

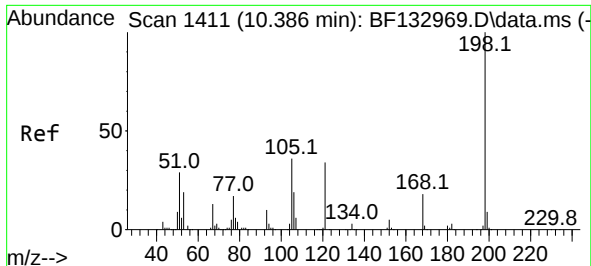
Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

80 11.7 10.4 15.6

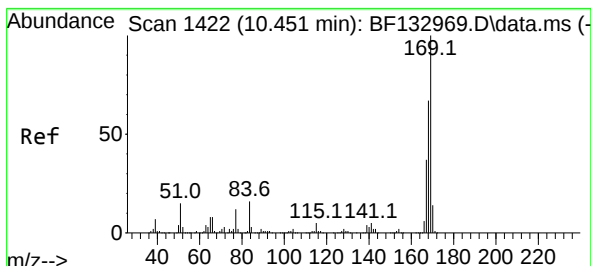
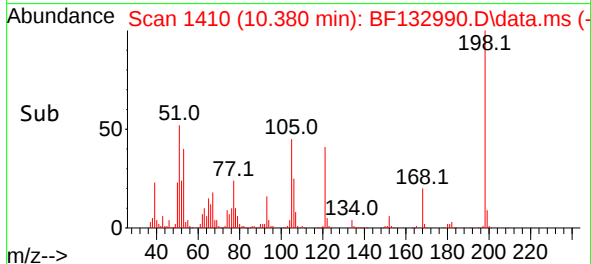
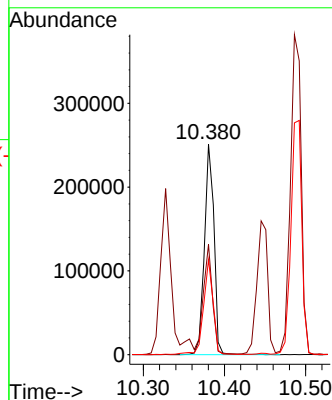
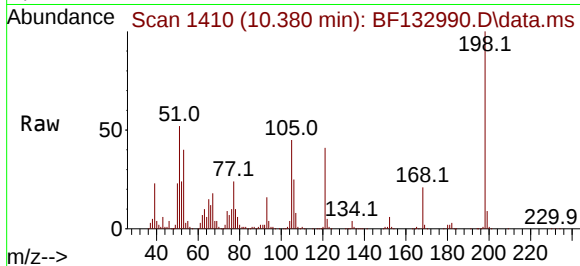




#65
4,6-Dinitro-2-methylphenol
Concen: 47.020 ng
RT: 10.380 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

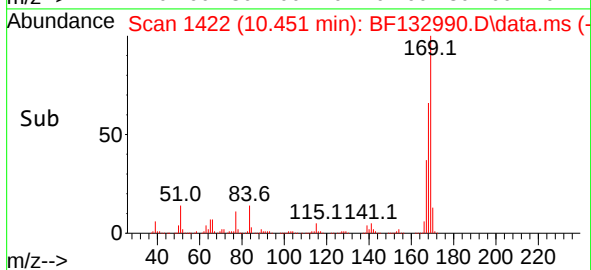
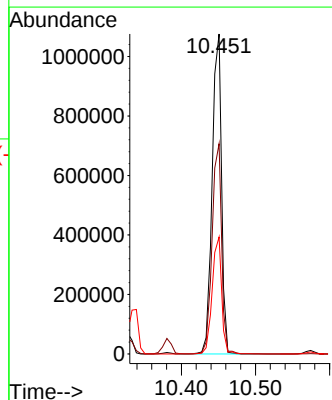
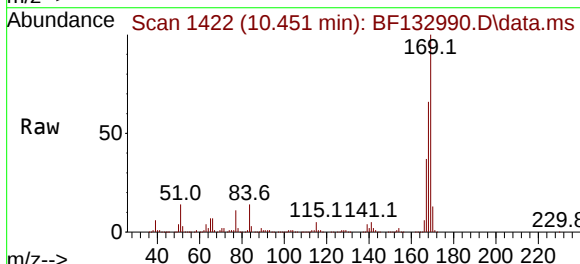
Instrument :
BNA_F
ClientSampleId :
PB152338BS

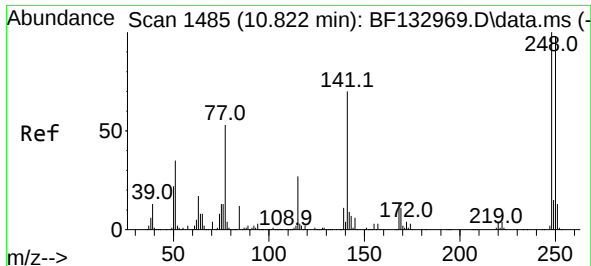
Tgt Ion:198 Resp: 204926
Ion Ratio Lower Upper
198 100
51 52.4 15.5 55.5
105 45.2 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 40.405 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:169 Resp: 942412
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.8
167 36.5 29.7 44.5

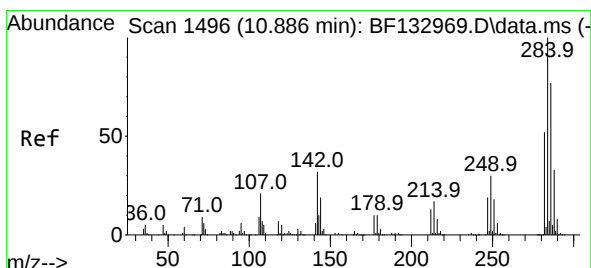
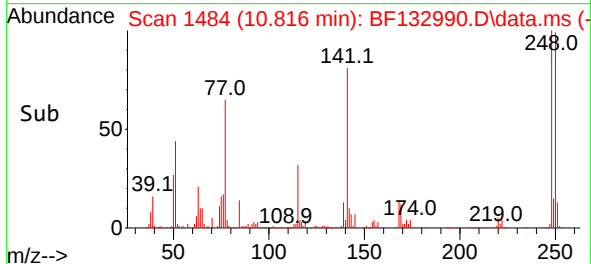
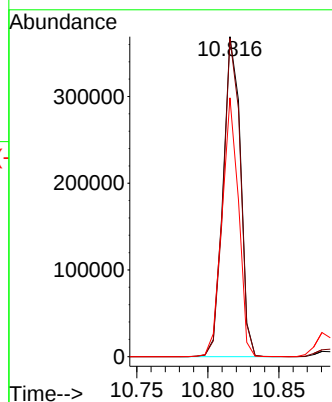
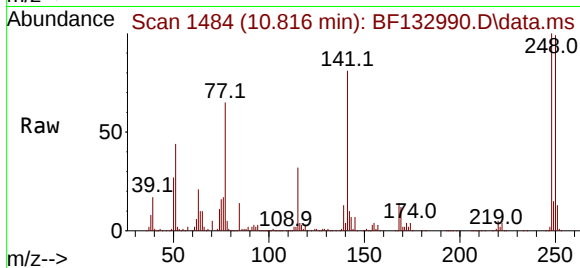




#67
4-Bromophenyl-phenylether
Concen: 40.181 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

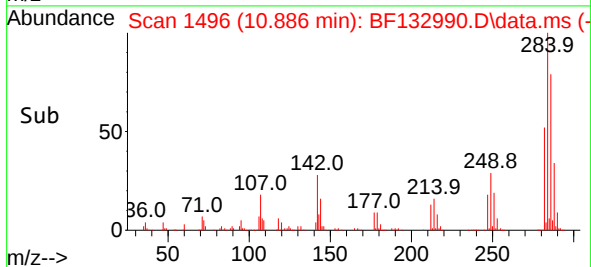
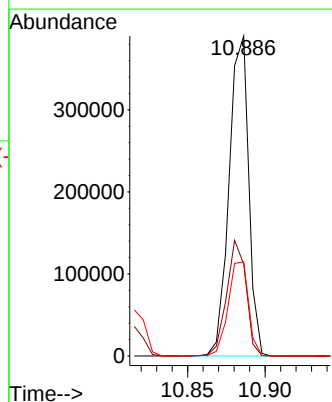
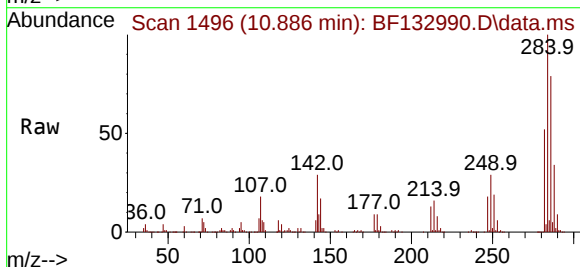
Instrument :
BNA_F
ClientSampleId :
PB152338BS

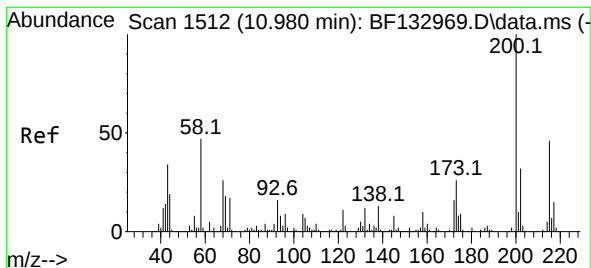
Tgt Ion:248 Resp: 313349
Ion Ratio Lower Upper
248 100
250 99.5 78.7 118.1
141 80.9 56.3 84.5



#68
Hexachlorobenzene
Concen: 42.949 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:284 Resp: 343204
Ion Ratio Lower Upper
284 100
142 28.7 26.0 39.0
249 29.5 23.7 35.5





#69

Atrazine

Concen: 47.113 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

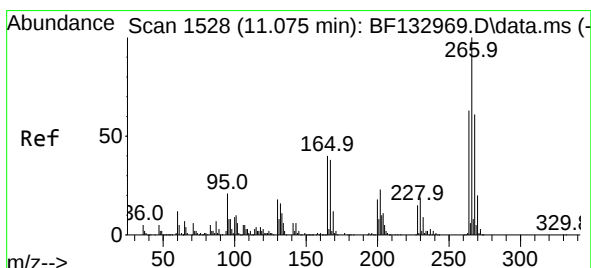
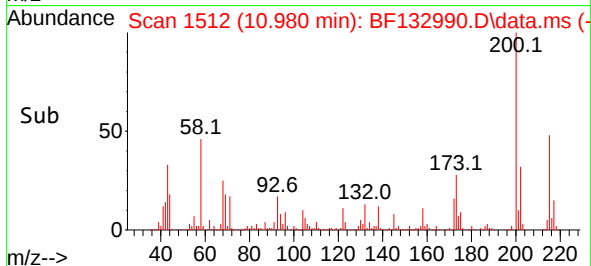
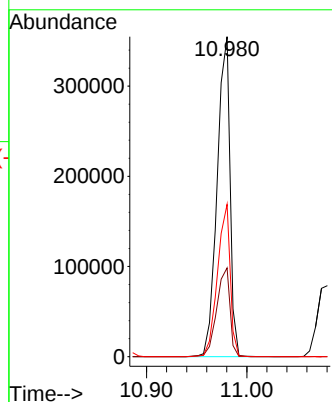
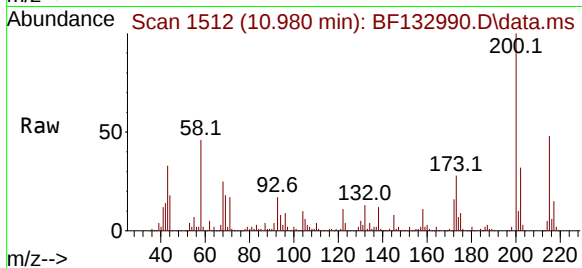
Tgt Ion:200 Resp: 316632

Ion Ratio Lower Upper

200 100

173 27.8 6.2 46.2

215 47.6 26.3 66.3



#70

Pentachlorophenol

Concen: 75.637 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

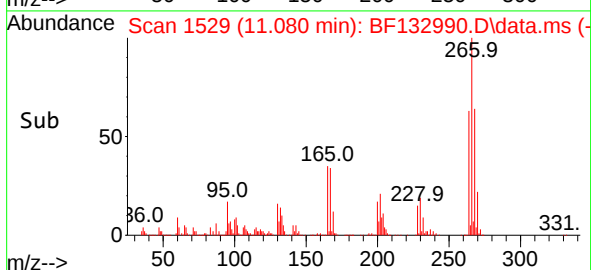
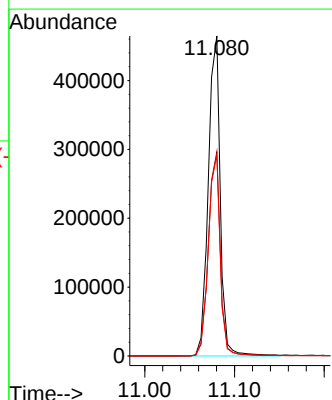
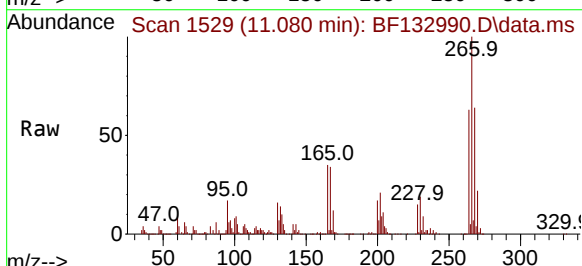
Tgt Ion:266 Resp: 430461

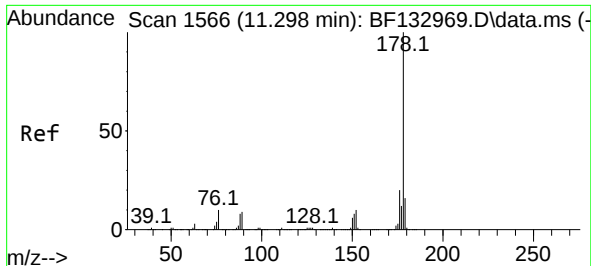
Ion Ratio Lower Upper

266 100

268 63.8 48.8 73.2

264 62.7 50.6 76.0

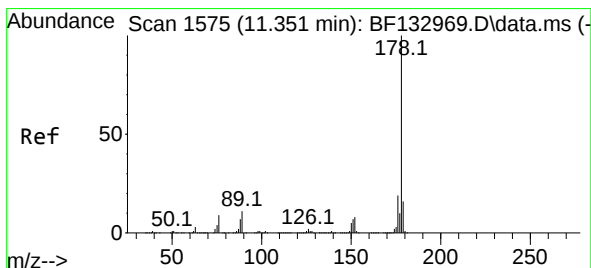
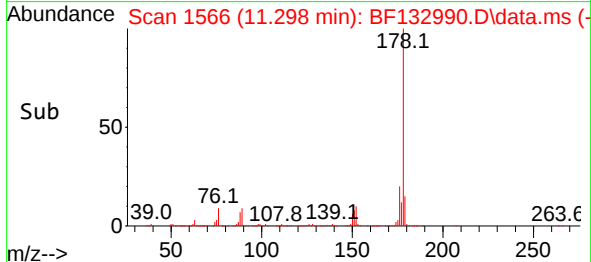
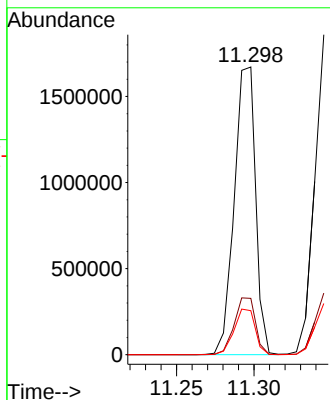
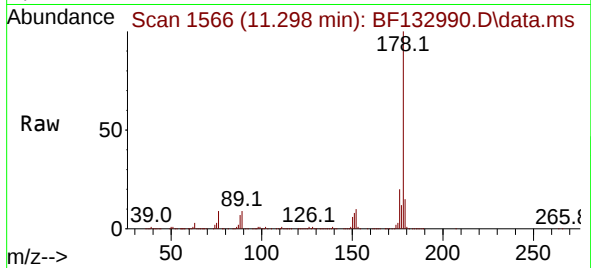




#71
Phenanthrene
Concen: 41.353 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

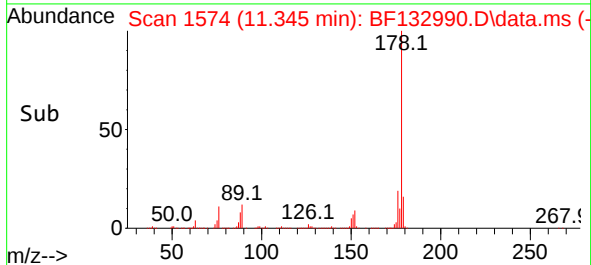
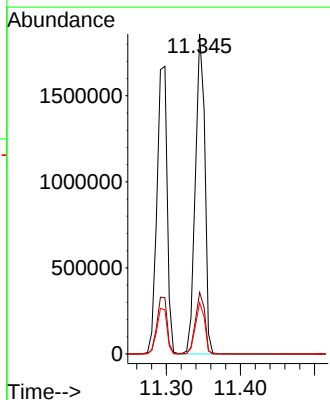
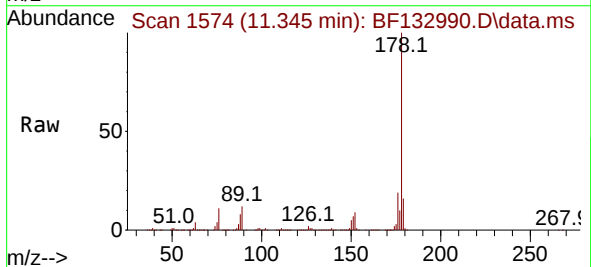
Instrument :
BNA_F
ClientSampleId :
PB152338BS

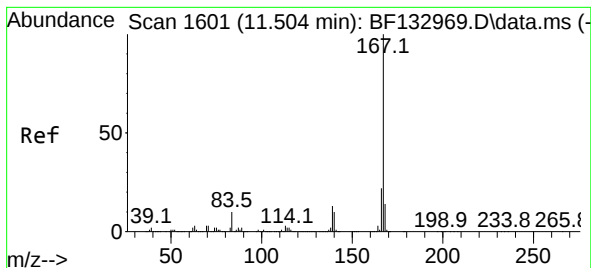
Tgt Ion:178 Resp: 1598159
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 41.518 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:178 Resp: 1642058
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.0 12.4 18.6





#73

Carbazole

Concen: 42.797 ng

RT: 11.504 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

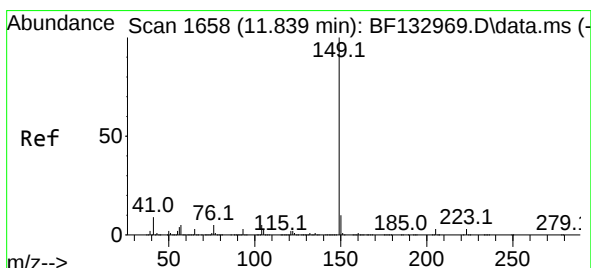
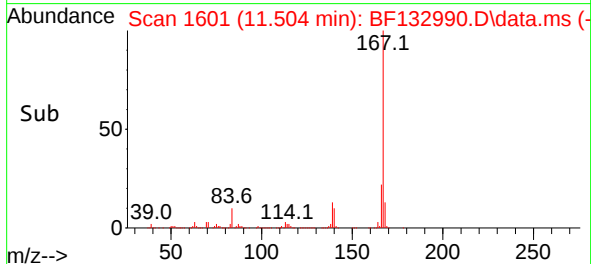
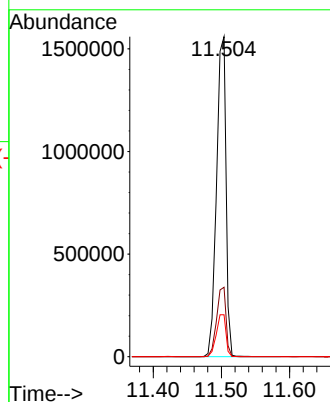
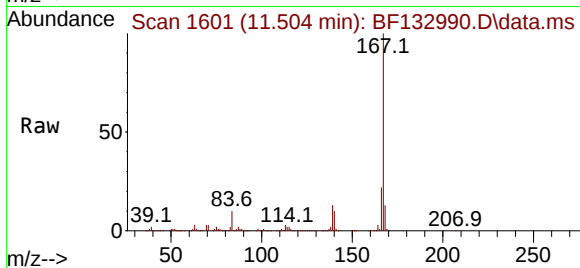
Tgt Ion:167 Resp: 1507188

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 13.1 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.108 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

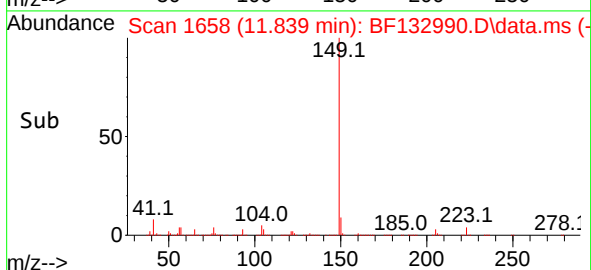
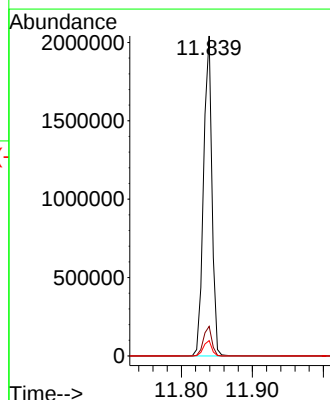
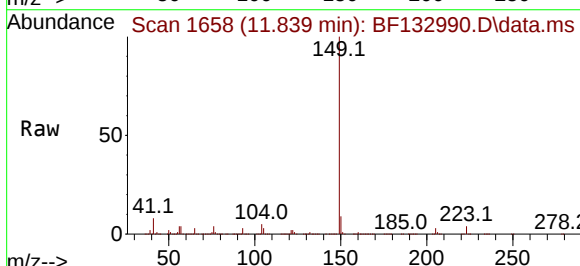
Tgt Ion:149 Resp: 1678153

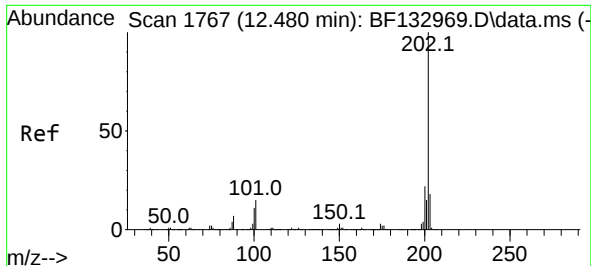
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.8 4.0 6.0

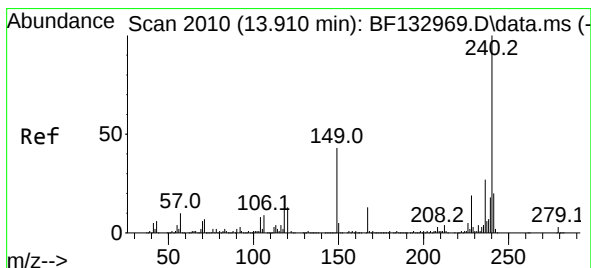
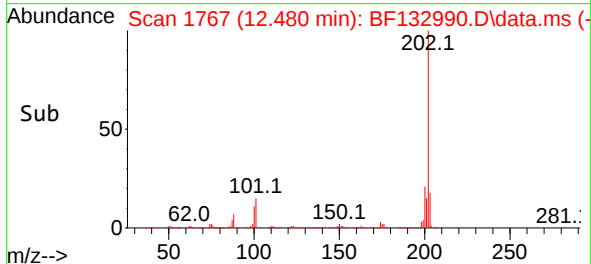
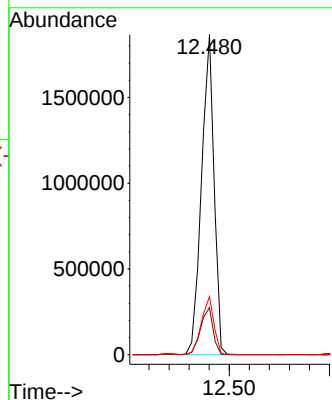
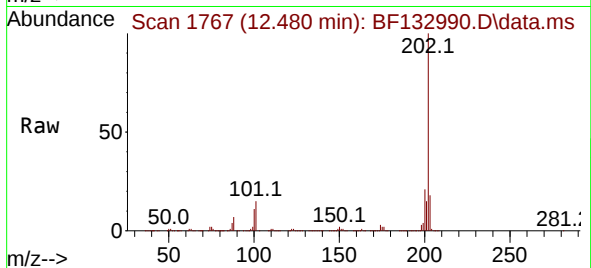




#75
Fluoranthene
Concen: 41.933 ng
RT: 12.480 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

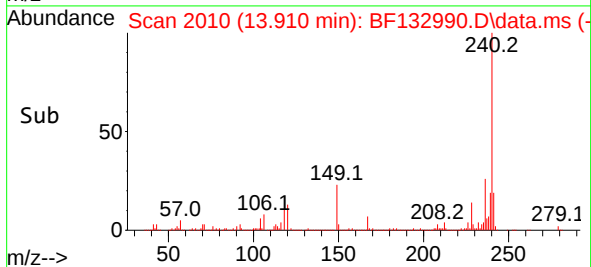
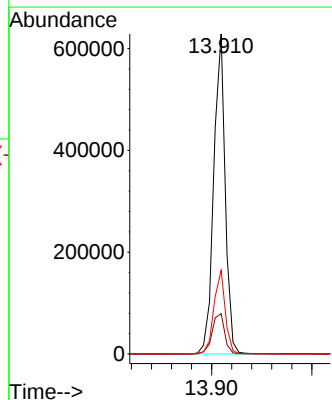
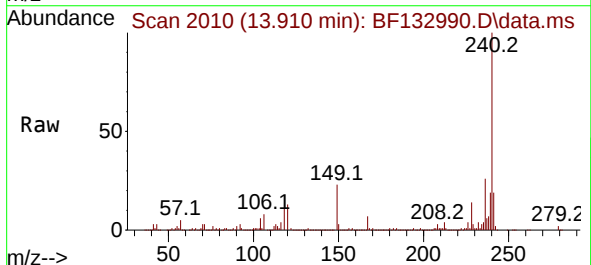
Instrument :
BNA_F
ClientSampleId :
PB152338BS

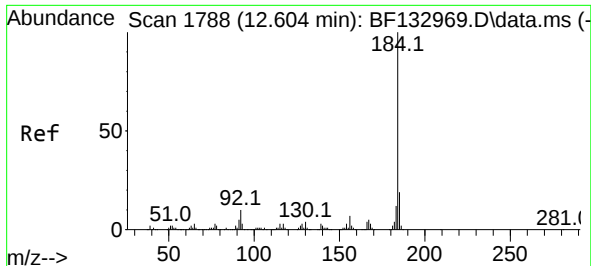
Tgt Ion:202 Resp: 1626409
Ion Ratio Lower Upper
202 100
101 14.7 0.0 35.3
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:240 Resp: 501100
Ion Ratio Lower Upper
240 100
120 12.6 10.5 15.7
236 26.2 21.5 32.3

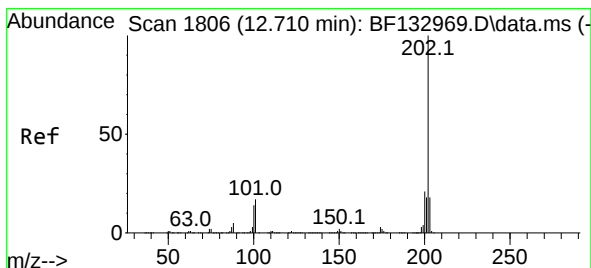
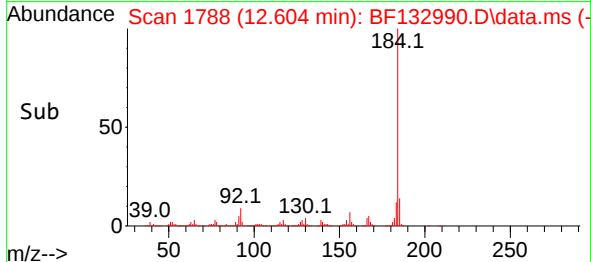
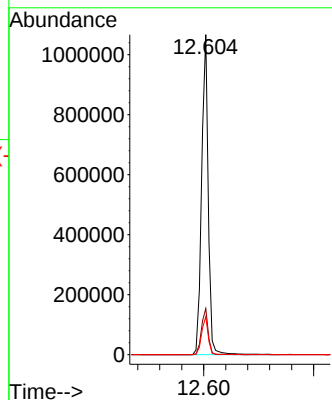
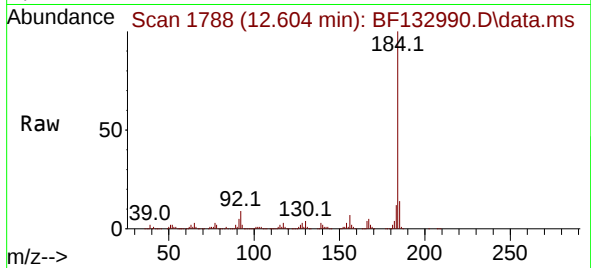




#77
Benzidine
Concen: 105.712 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

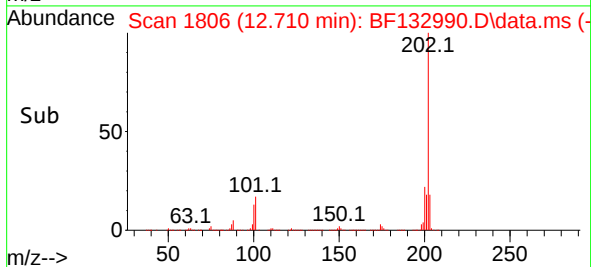
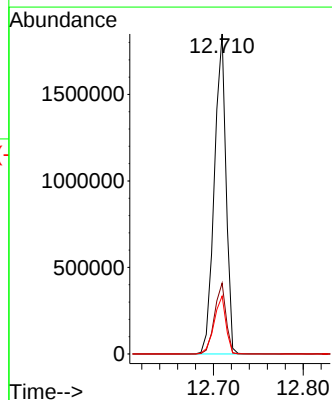
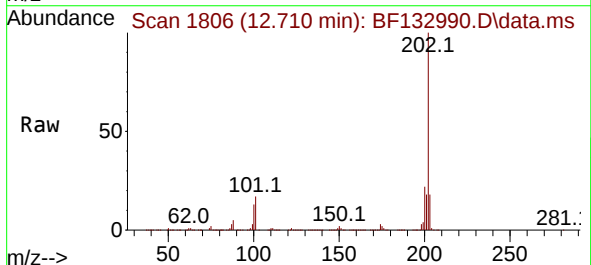
Instrument :
BNA_F
ClientSampleId :
PB152338BS

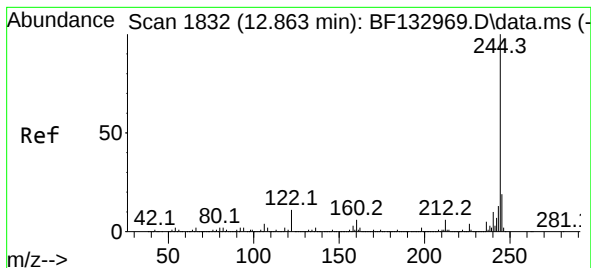
Tgt Ion:184 Resp: 895787
Ion Ratio Lower Upper
184 100
185 14.4 15.4 23.2#
183 11.9 9.4 14.0



#78
Pyrene
Concen: 38.898 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:202 Resp: 1670887
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 80.234 ng

RT: 12.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

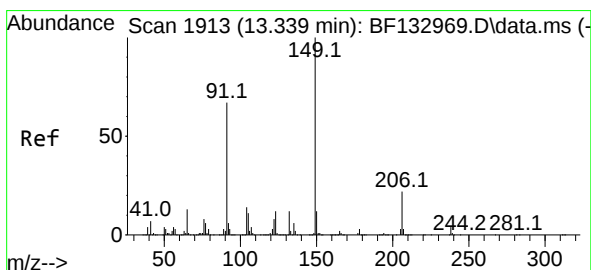
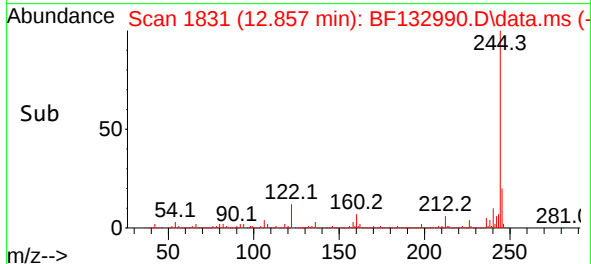
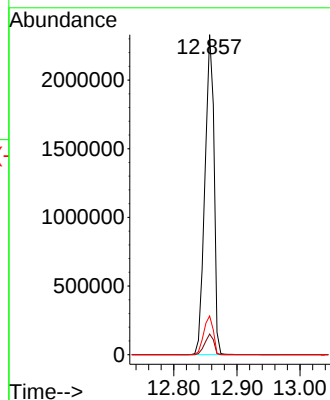
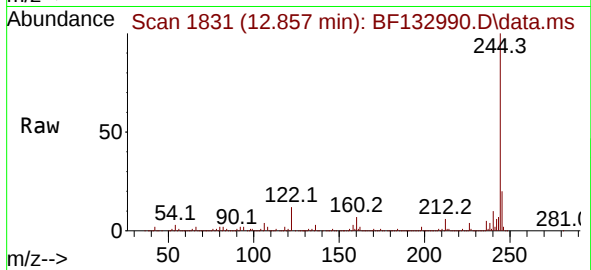
Tgt Ion:244 Resp: 2331185

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 12.1 8.6 13.0



#80

Butylbenzylphthalate

Concen: 45.650 ng

RT: 13.333 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

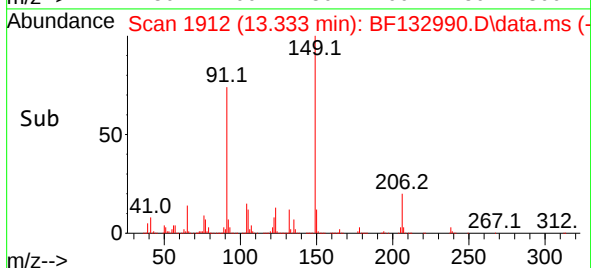
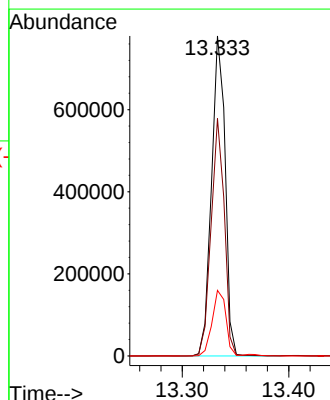
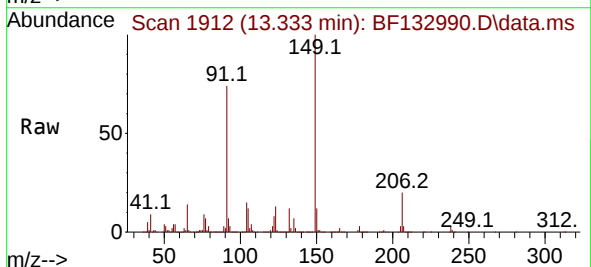
Tgt Ion:149 Resp: 694314

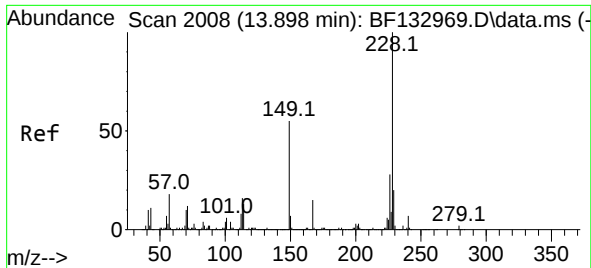
Ion Ratio Lower Upper

149 100

91 74.2 53.8 80.6

206 20.5 17.5 26.3

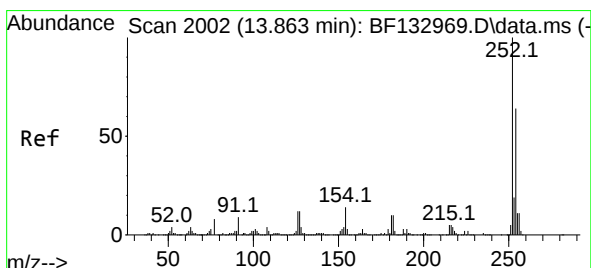
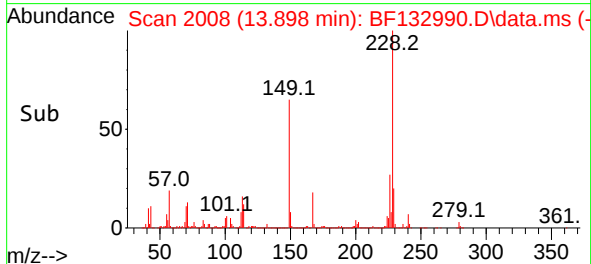
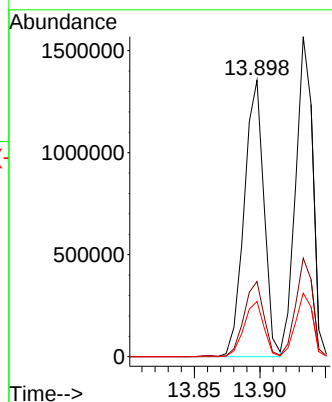
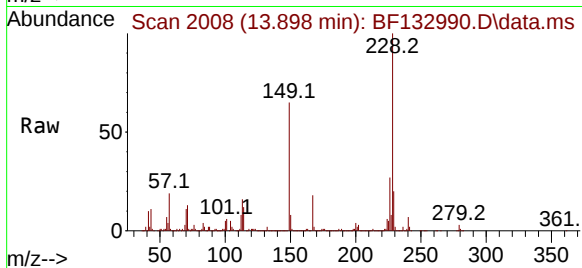




#81
Benzo(a)anthracene
Concen: 41.123 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

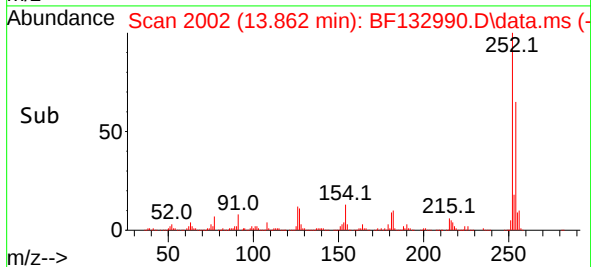
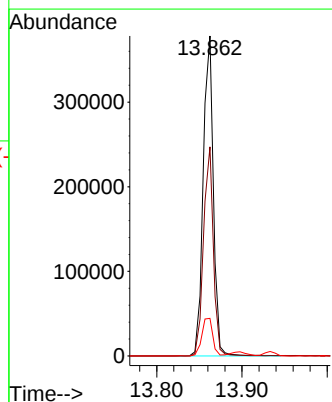
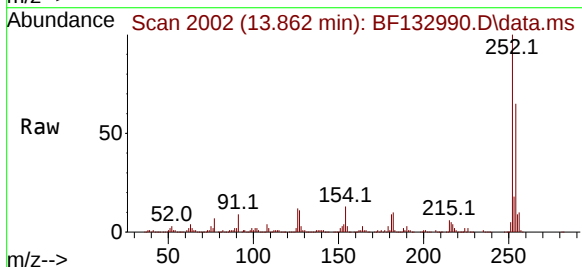
Instrument :
BNA_F
ClientSampleId :
PB152338BS

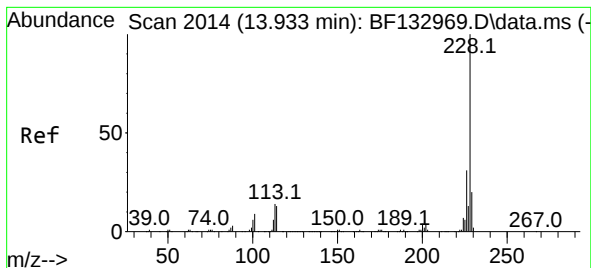
Tgt Ion:228 Resp: 1417055
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 32.889 ng
RT: 13.862 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF132990.D
Acq: 24 Apr 2023 12:27

Tgt Ion:252 Resp: 313081
Ion Ratio Lower Upper
252 100
254 65.4 51.5 77.3
126 11.8 9.5 14.3





#83

Chrysene

Concen: 40.947 ng

RT: 13.933 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

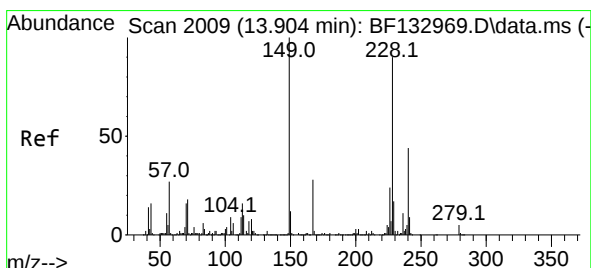
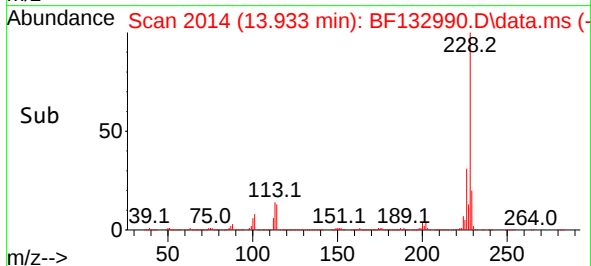
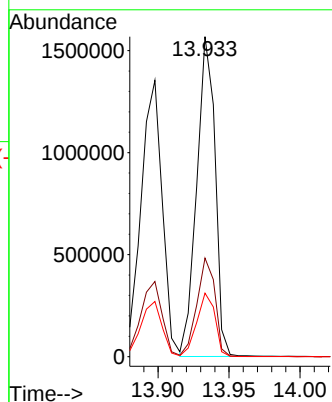
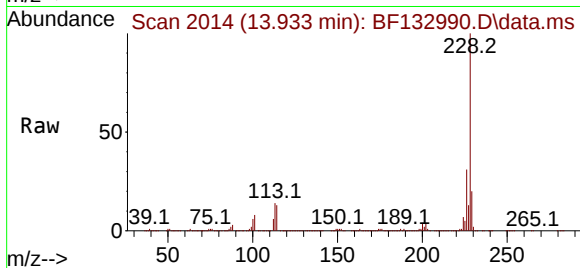
Tgt Ion:228 Resp: 1410662

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.723 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

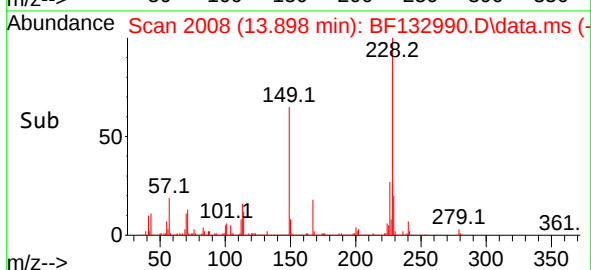
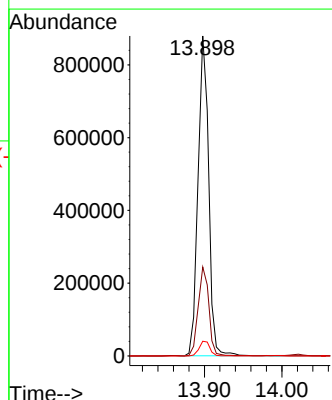
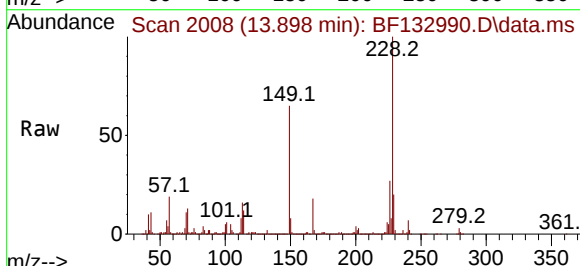
Tgt Ion:149 Resp: 834698

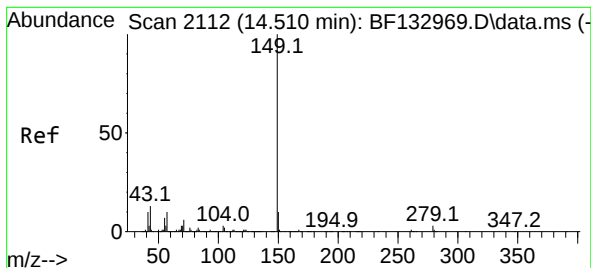
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 52.459 ng

RT: 14.509 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

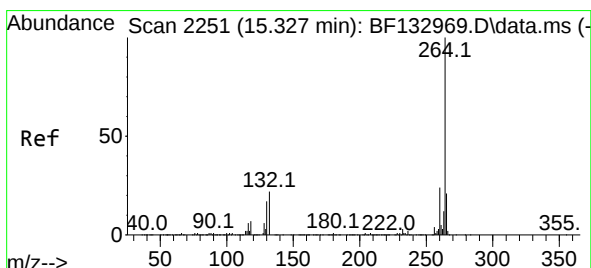
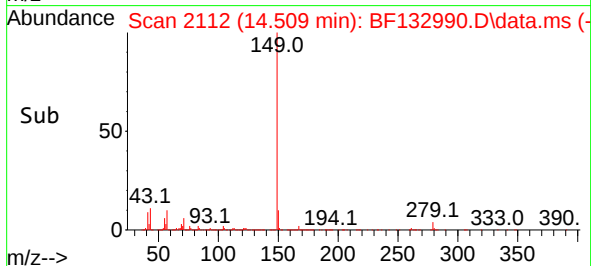
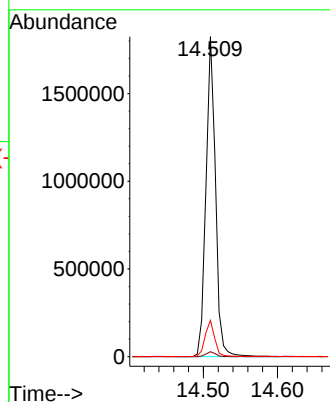
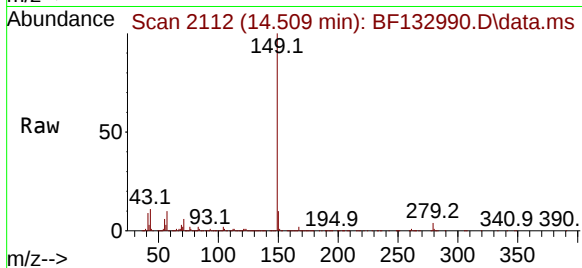
Tgt Ion:149 Resp: 1632982

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.333 min Scan# 2252

Delta R.T. 0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

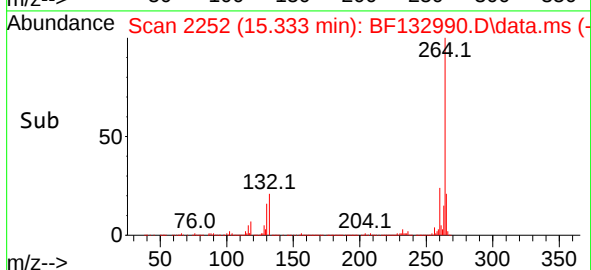
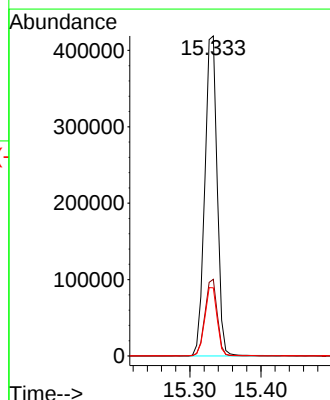
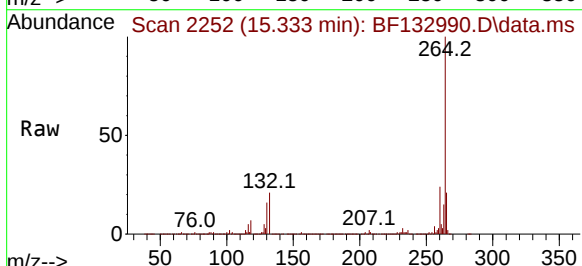
Tgt Ion:264 Resp: 507785

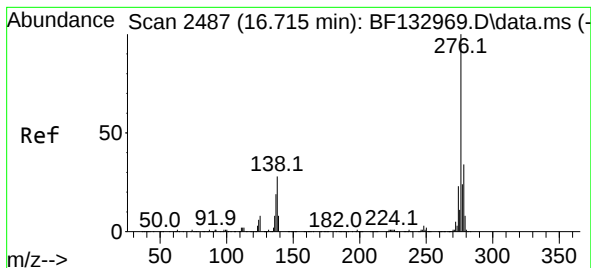
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.925 ng

RT: 16.721 min Scan# 2488

Delta R.T. 0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

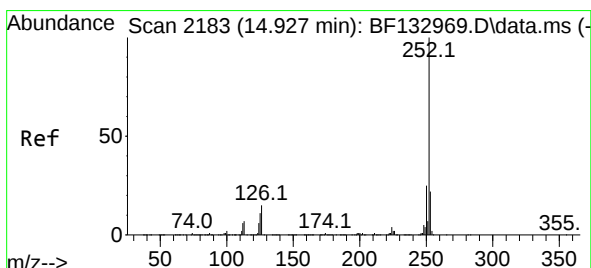
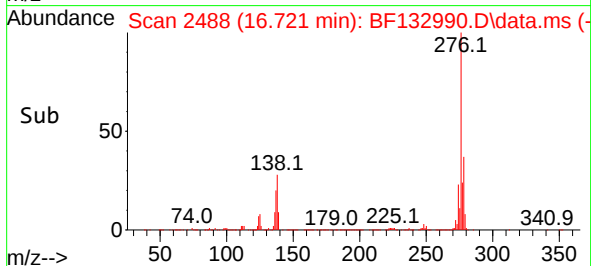
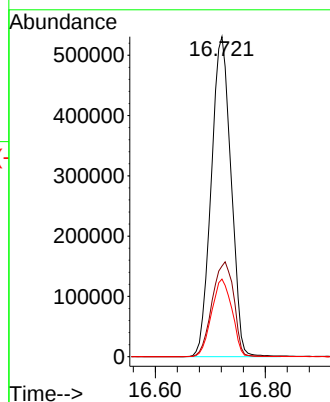
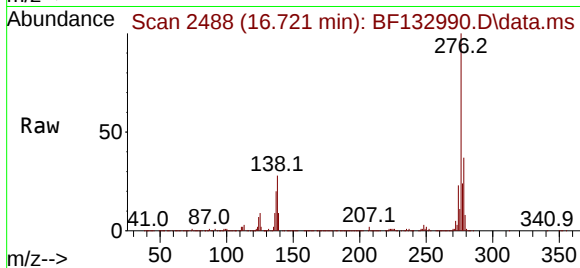
Tgt Ion:276 Resp: 1326488

Ion Ratio Lower Upper

276 100

138 32.5 25.5 38.3

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.160 ng

RT: 14.927 min Scan# 2183

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

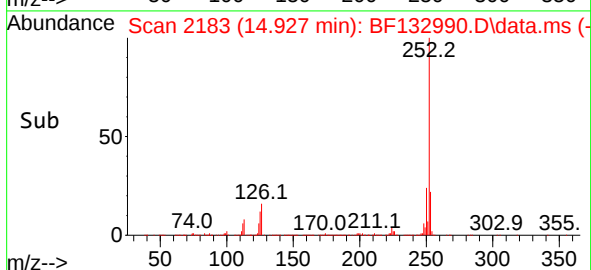
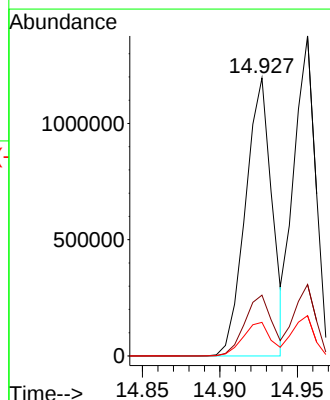
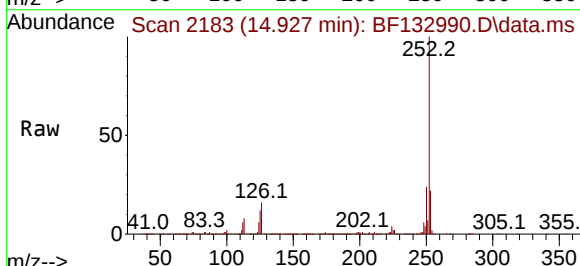
Tgt Ion:252 Resp: 1426589

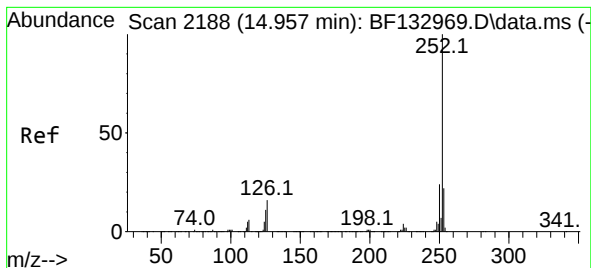
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 12.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 42.023 ng

RT: 14.957 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

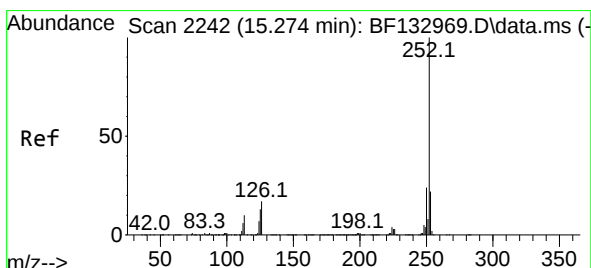
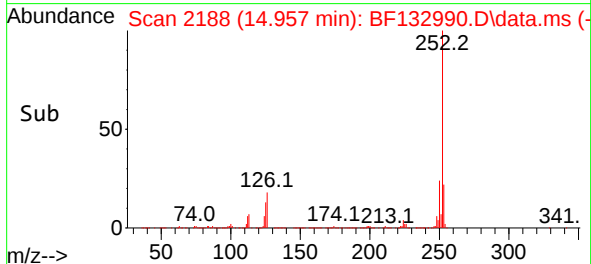
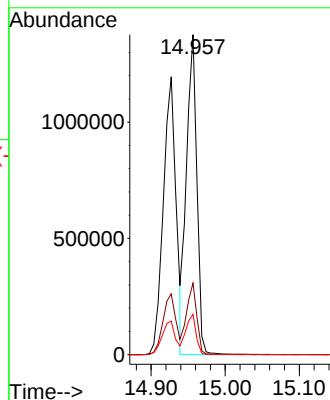
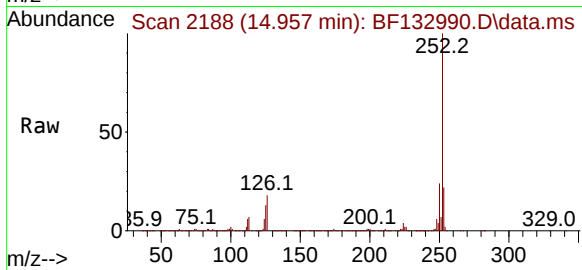
Tgt Ion:252 Resp: 1345706

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 12.6 9.0 13.4



#90

Benzo(a)pyrene

Concen: 40.690 ng

RT: 15.274 min Scan# 2242

Delta R.T. -0.000 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

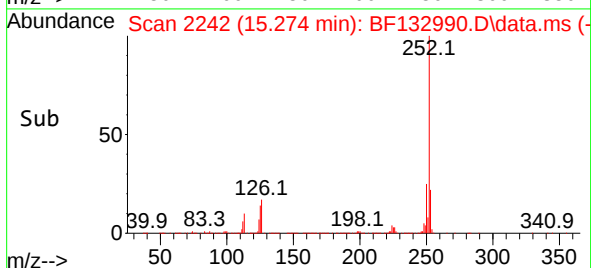
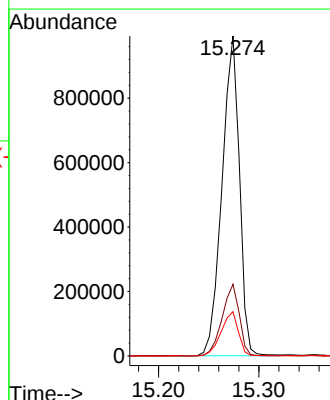
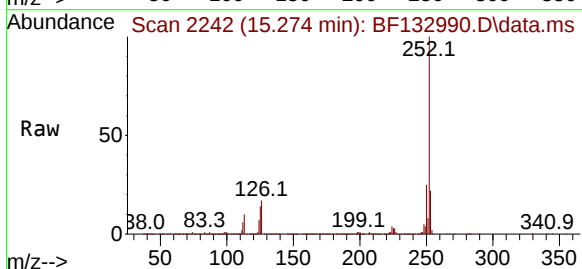
Tgt Ion:252 Resp: 1196455

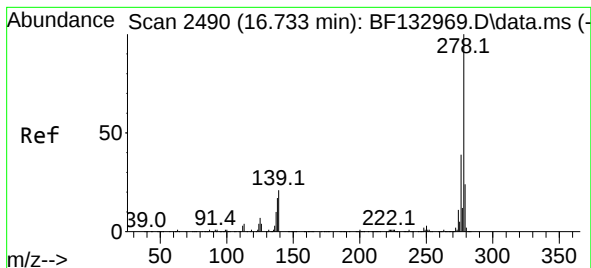
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 13.9 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 46.262 ng

RT: 16.739 min Scan# 2490

Delta R.T. 0.006 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152338BS

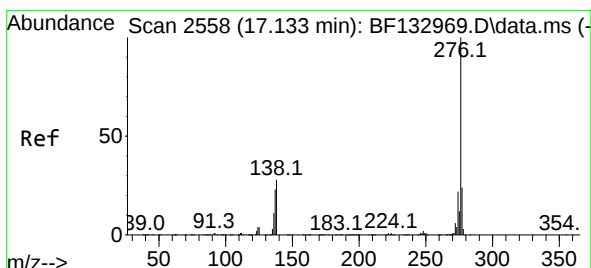
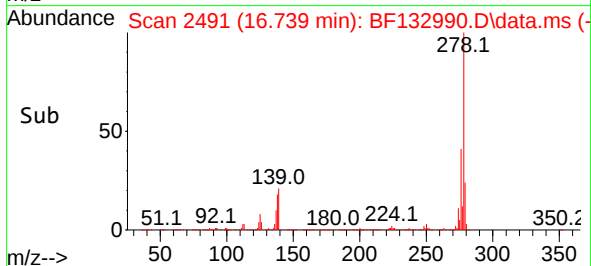
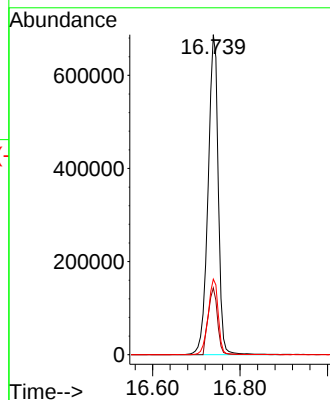
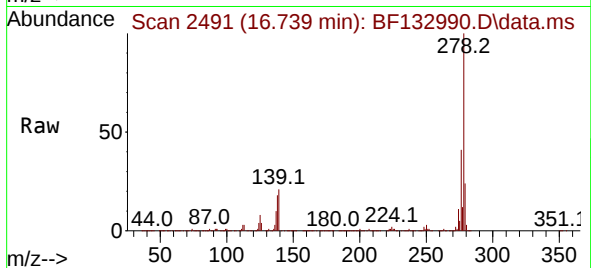
Tgt Ion:278 Resp: 1114466

Ion Ratio Lower Upper

278 100

139 20.9 16.6 24.8

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 45.866 ng

RT: 17.145 min Scan# 2560

Delta R.T. 0.012 min

Lab File: BF132990.D

Acq: 24 Apr 2023 12:27

Tgt Ion:276 Resp: 1090847

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 26.7 22.7 34.1

