

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133464.D
 Acq On : 24 May 2023 11:41
 Operator : CG\JU
 Sample : PB153000BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153000BS

Quant Time: May 24 13:01:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	115481	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	442356	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	208570	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	389699	20.000	ng	0.00
76) Chrysene-d12	14.010	240	276013	20.000	ng	0.00
86) Perylene-d12	15.468	264	305892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	840421	118.962	ng	0.01
7) Phenol-d6	6.469	99	999828	117.729	ng	0.00
23) Nitrobenzene-d5	7.410	82	610567	95.425	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	250048	129.782	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1142224	77.050	ng	0.00
79) Terphenyl-d14	12.957	244	1211015	83.886	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	111109	34.744	ng	99
3) Pyridine	3.375	79	287657	34.164	ng	100
4) n-Nitrosodimethylamine	3.328	42	200108	41.633	ng	96
6) Aniline	6.504	93	368118	31.716	ng	99
8) 2-Chlorophenol	6.622	128	312220	44.554	ng	96
9) Benzaldehyde	6.393	77	200840	41.883	ng	96
10) Phenol	6.481	94	383236	44.129	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	299140	42.203	ng	99
12) 1,3-Dichlorobenzene	6.781	146	330077	43.155	ng	97
13) 1,4-Dichlorobenzene	6.857	146	332687	43.439	ng	97
14) 1,2-Dichlorobenzene	7.010	146	318223	44.993	ng	99
15) Benzyl Alcohol	6.981	79	271440	42.237	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	578247	43.112	ng	99
17) 2-Methylphenol	7.092	107	258798	40.501	ng	99
18) Hexachloroethane	7.357	117	119566	45.815	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	217938	41.005	ng	98
20) 3+4-Methylphenols	7.245	107	318418	41.170	ng	92
22) Acetophenone	7.251	105	423172	40.766	ng	# 91
24) Nitrobenzene	7.428	77	322413	45.584	ng	98
25) Isophorone	7.663	82	608344	40.406	ng	98
26) 2-Nitrophenol	7.739	139	125014	43.440	ng	89
27) 2,4-Dimethylphenol	7.775	122	274759	42.698	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	360636	40.545	ng	99
29) 2,4-Dichlorophenol	7.981	162	246564	42.257	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	264340	41.659	ng	99
31) Naphthalene	8.151	128	870244	40.051	ng	100
32) Benzoic acid	7.881	122	139245	44.514	ng	98
33) 4-Chloroaniline	8.192	127	100161	11.003	ng	99
34) Hexachlorobutadiene	8.269	225	158094	40.996	ng	98
35) Caprolactam	8.592	113	27583	15.564	ng	88
36) 4-Chloro-3-methylphenol	8.669	107	271752	43.040	ng	95
37) 2-Methylnaphthalene	8.839	142	572380	39.294	ng	98
38) 1-Methylnaphthalene	8.939	142	535929	39.484	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	248015	39.125	ng	98
41) Hexachlorocyclopentadiene	8.992	237	317609	105.055	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	168988	43.412	ng	98

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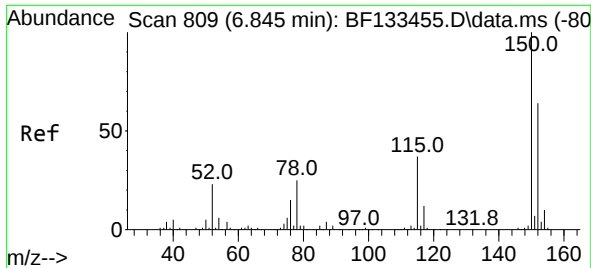
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	177671	39.463	ng	96
46) 1,1'-Biphenyl	9.304	154	711337	40.663	ng	99
47) 2-Chloronaphthalene	9.328	162	515065	41.045	ng	100
48) 2-Nitroaniline	9.422	65	155890	42.908	ng	97
49) Acenaphthylene	9.745	152	866276	40.636	ng	99
50) Dimethylphthalate	9.604	163	593838	41.704	ng	99
51) 2,6-Dinitrotoluene	9.663	165	121944	45.565	ng	94
52) Acenaphthene	9.916	154	555323	43.384	ng	98
53) 3-Nitroaniline	9.828	138	84342	26.884	ng	94
54) 2,4-Dinitrophenol	9.933	184	89433	81.382	ng	# 87
55) Dibenzofuran	10.092	168	764480	40.016	ng	97
56) 4-Nitrophenol	9.986	139	227559	83.493	ng	94
57) 2,4-Dinitrotoluene	10.069	165	155052	47.831	ng	87
58) Fluorene	10.433	166	553066	40.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	151352	45.307	ng	99
60) Diethylphthalate	10.310	149	599949	41.559	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	259888	39.848	ng	100
62) 4-Nitroaniline	10.445	138	139872	43.244	ng	98
63) Azobenzene	10.586	77	607803	40.707	ng	99
65) 4,6-Dinitro-2-methylph...	10.469	198	58191	47.125	ng	90
66) n-Nitrosodiphenylamine	10.545	169	518599	40.360	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	163193	39.931	ng	98
68) Hexachlorobenzene	10.975	284	183326	42.748	ng	95
69) Atrazine	11.069	200	161102	48.989	ng	97
70) Pentachlorophenol	11.169	266	204245	83.913	ng	99
71) Phenanthrene	11.392	178	825510	40.911	ng	99
72) Anthracene	11.445	178	833561	40.493	ng	99
73) Carbazole	11.598	167	820814	42.090	ng	100
74) Di-n-butylphthalate	11.933	149	891336	42.600	ng	100
75) Fluoranthene	12.580	202	906875	41.741	ng	99
77) Benzidine	12.704	184	472328	71.816	ng	99
78) Pyrene	12.810	202	942379	41.886	ng	99
80) Butylbenzylphthalate	13.439	149	358745	42.802	ng	99
81) Benzo(a)anthracene	13.998	228	779897	41.623	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	160979	30.275	ng	96
83) Chrysene	14.039	228	781745	41.090	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	456361	44.943	ng	98
85) Di-n-octyl phthalate	14.616	149	868635	47.022	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	880713	42.509	ng	100
88) Benzo(b)fluoranthene	15.045	252	867447	45.628	ng	99
89) Benzo(k)fluoranthene	15.074	252	746686	40.416	ng	100
90) Benzo(a)pyrene	15.410	252	716082	39.977	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	717775	42.537	ng	98
92) Benzo(g,h,i)perylene	17.368	276	721969	42.355	ng	98

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

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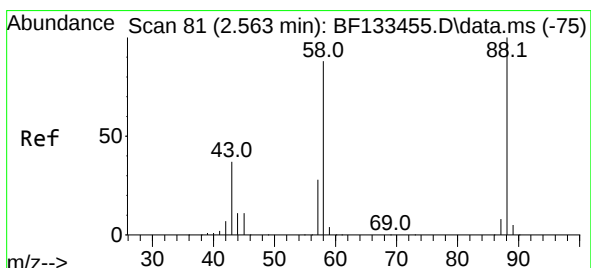
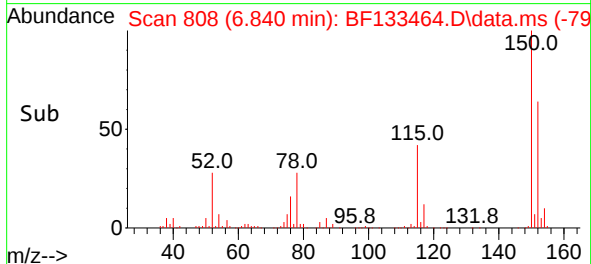
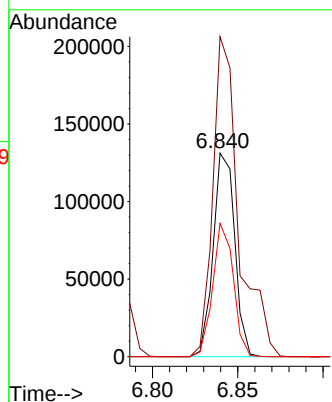
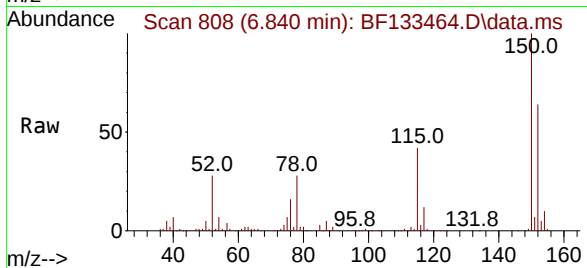




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF133464.D
 Acq: 24 May 2023 11:41

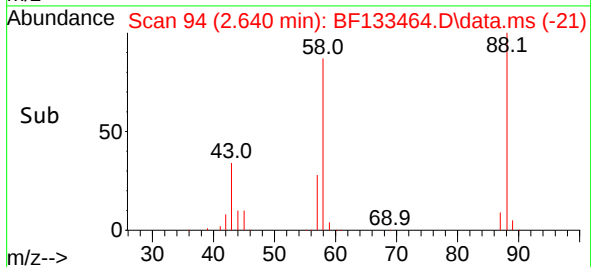
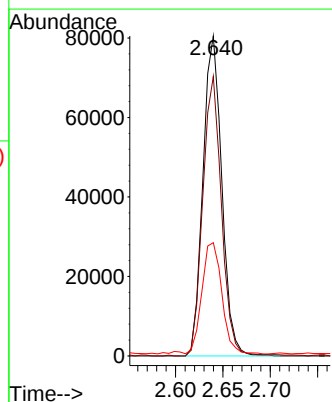
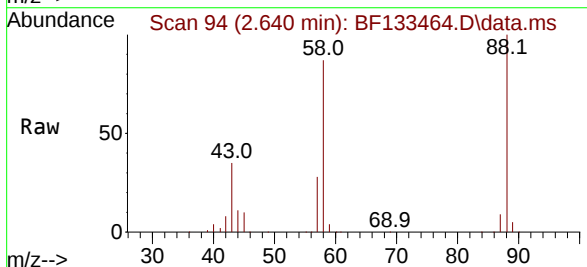
Instrument :
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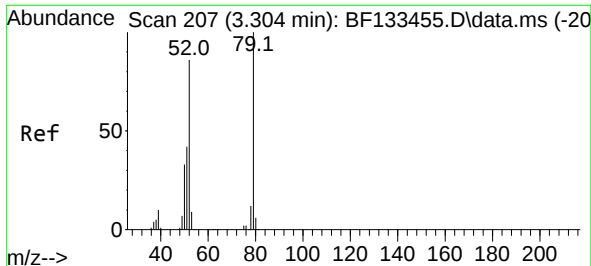
Tgt Ion:152 Resp: 115481
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.6 188.4
 115 65.5 47.0 70.4



#2
 1,4-Dioxane
 Concen: 34.744 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.077 min
 Lab File: BF133464.D
 Acq: 24 May 2023 11:41

Tgt Ion: 88 Resp: 111109
 Ion Ratio Lower Upper
 88 100
 58 87.2 69.6 104.4
 43 37.6 29.0 43.4

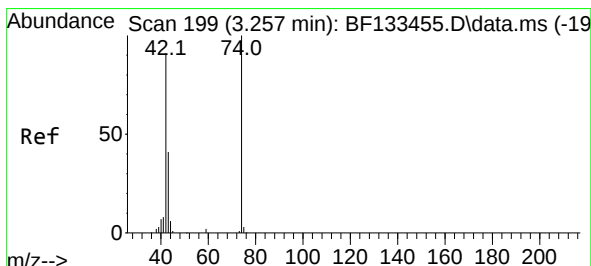
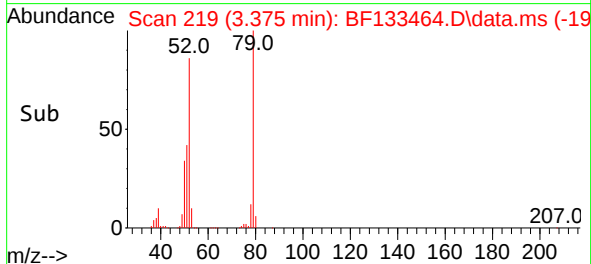
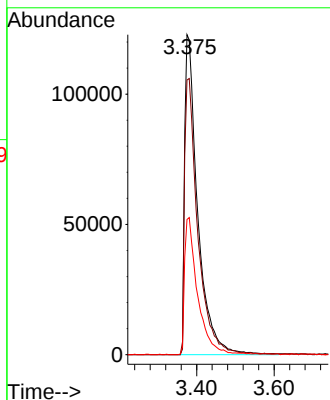
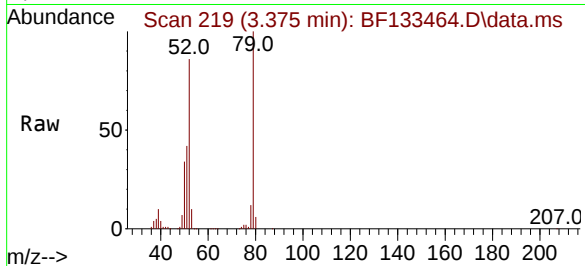




#3
Pyridine
Concen: 34.164 ng
RT: 3.375 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

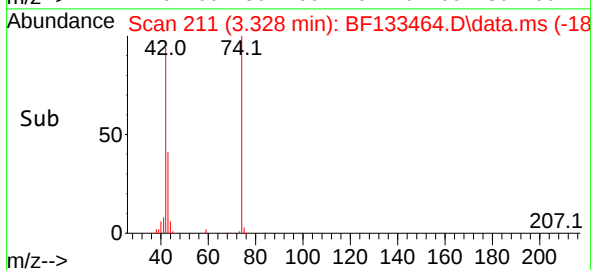
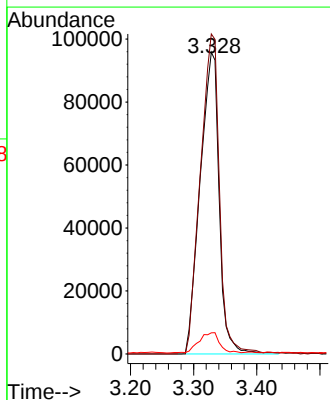
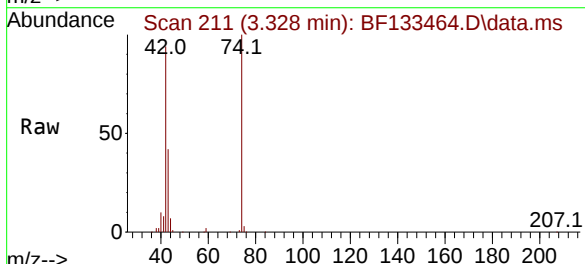
Instrument :
BNA_F
ClientSampleId :
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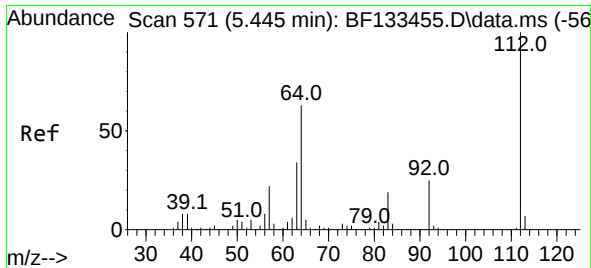
Tgt Ion: 79 Resp: 287657
Ion Ratio Lower Upper
79 100
52 85.8 68.6 103.0
51 42.3 33.8 50.6



#4
n-Nitrosodimethylamine
Concen: 41.633 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion: 42 Resp: 200108
Ion Ratio Lower Upper
42 100
74 106.0 88.2 132.2
44 7.0 6.0 9.0

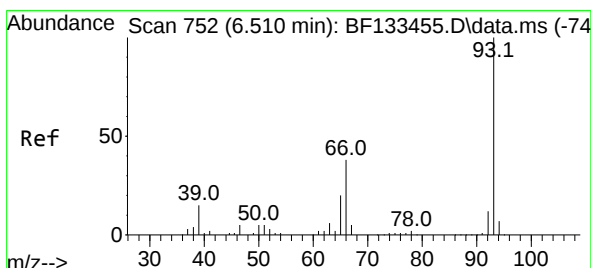
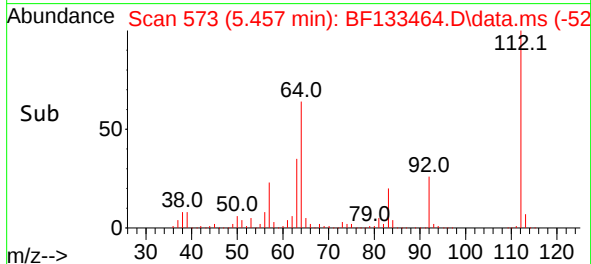
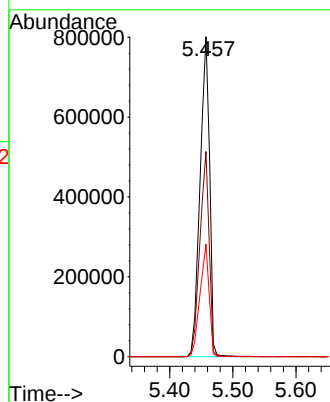
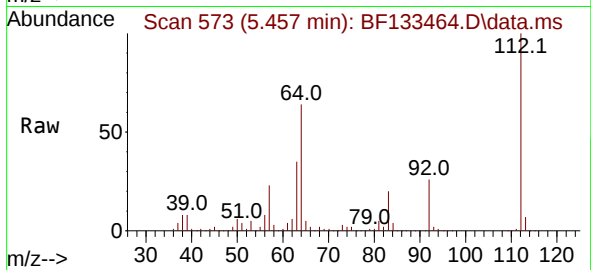




#5
2-Fluorophenol
Concen: 118.962 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

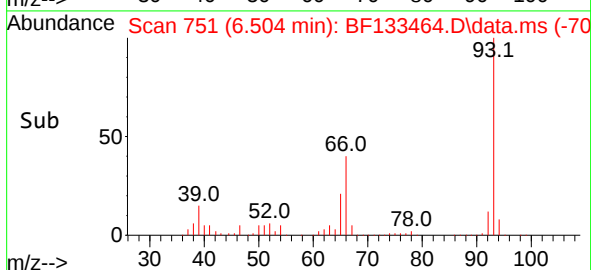
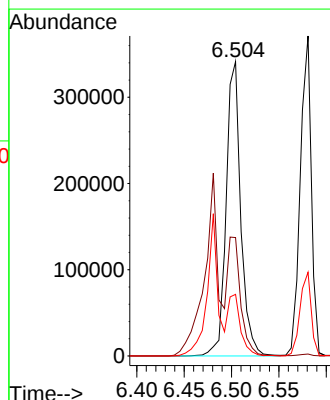
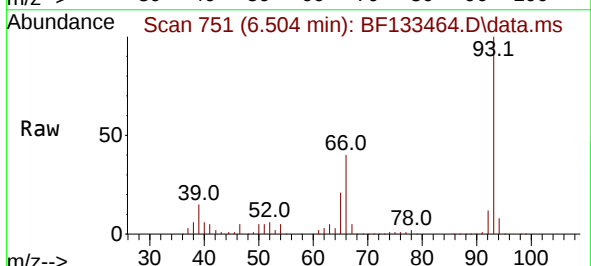
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BNA_F
ClientSampleId :
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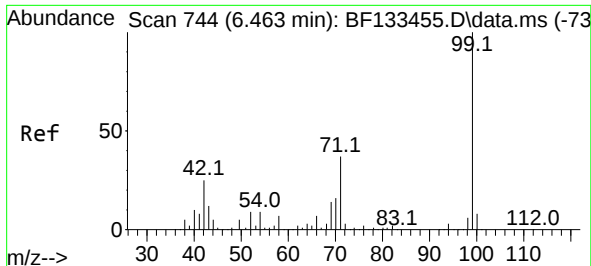
Tgt Ion:112 Resp: 840421
Ion Ratio Lower Upper
112 100
64 64.1 50.2 75.4
63 35.1 27.2 40.8



#6
Aniline
Concen: 31.716 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion: 93 Resp: 368118
Ion Ratio Lower Upper
93 100
66 40.2 32.5 48.7
65 20.9 16.4 24.6





#7

Phenol-d6

Concen: 117.729 ng

RT: 6.469 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

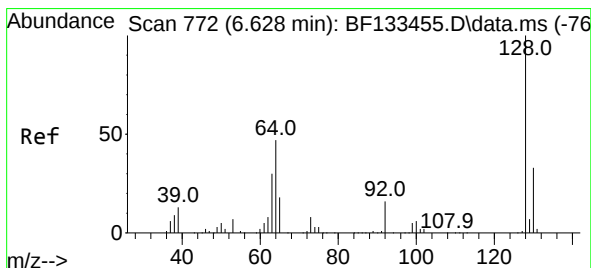
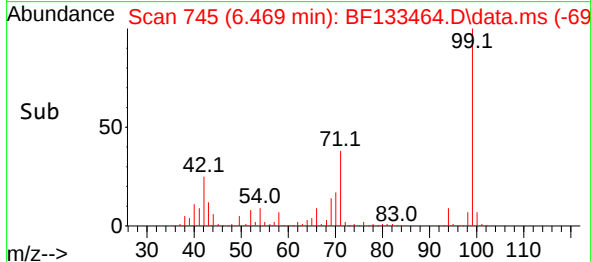
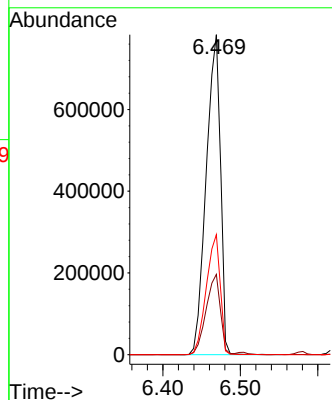
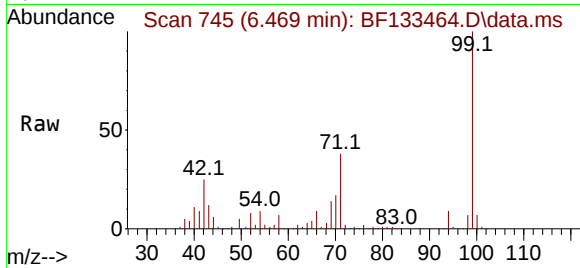
Tgt Ion: 99 Resp: 999828

Ion Ratio Lower Upper

99 100

42 25.1 19.6 29.4

71 37.5 29.5 44.3



#8

2-Chlorophenol

Concen: 44.554 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

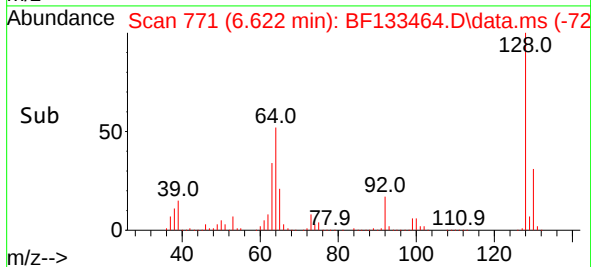
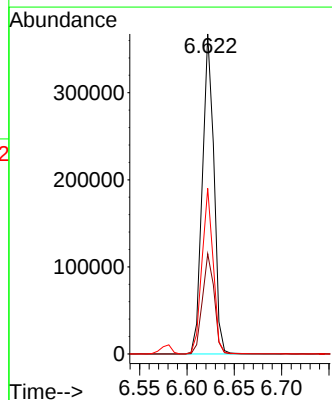
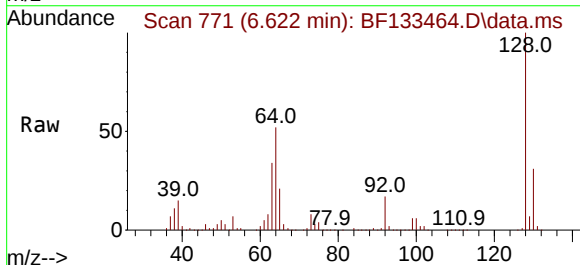
Tgt Ion:128 Resp: 312220

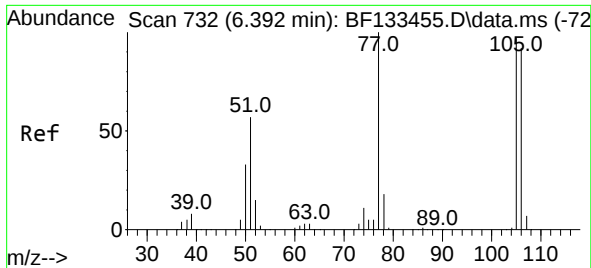
Ion Ratio Lower Upper

128 100

130 31.3 12.5 52.5

64 51.7 27.8 67.8





#9

Benzaldehyde

Concen: 41.883 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

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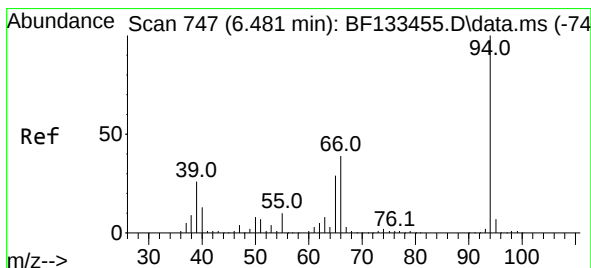
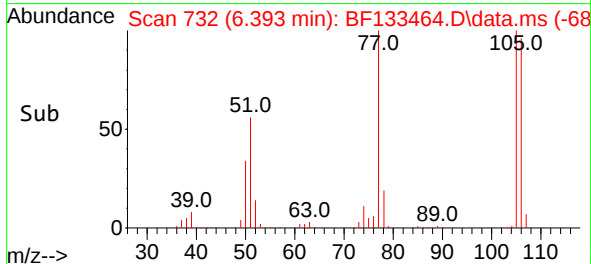
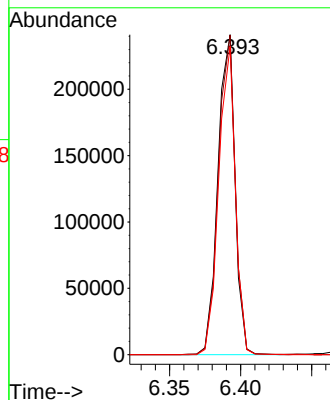
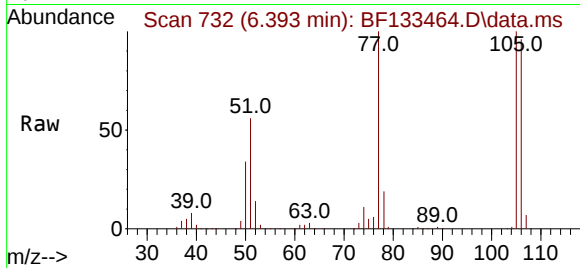
Tgt Ion: 77 Resp: 200840

Ion Ratio Lower Upper

77 100

105 99.9 76.6 116.6

106 96.4 71.7 111.7



#10

Phenol

Concen: 44.129 ng

RT: 6.481 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

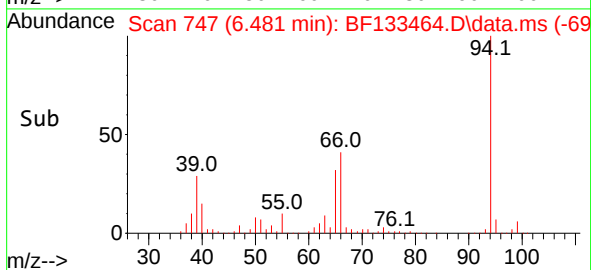
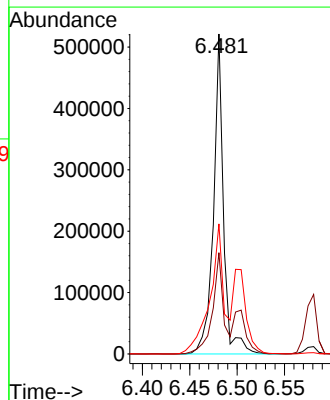
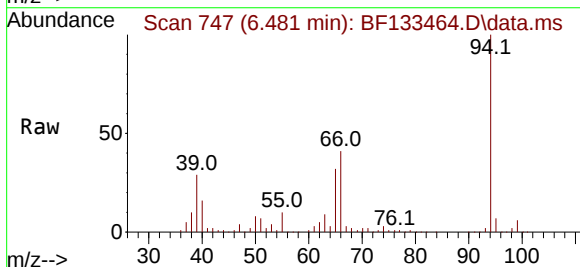
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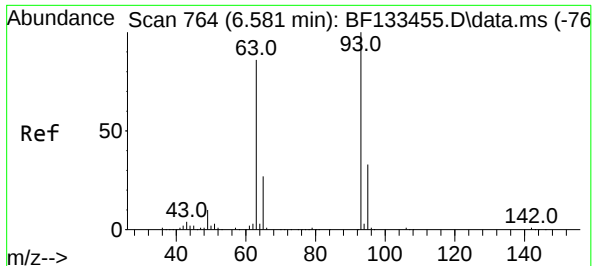
Ion Ratio Lower Upper

94 100

65 31.6 9.2 49.2

66 40.7 18.7 58.7

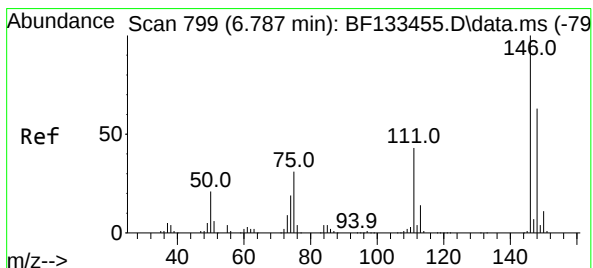
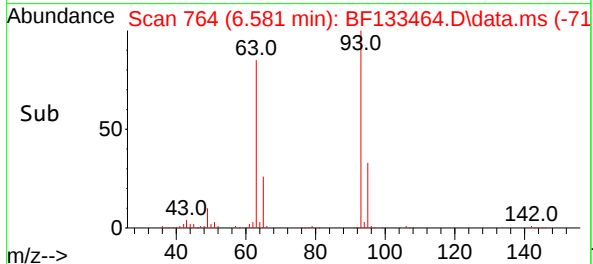
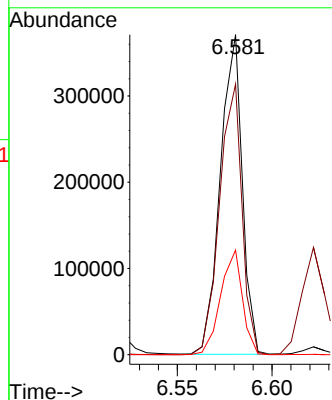
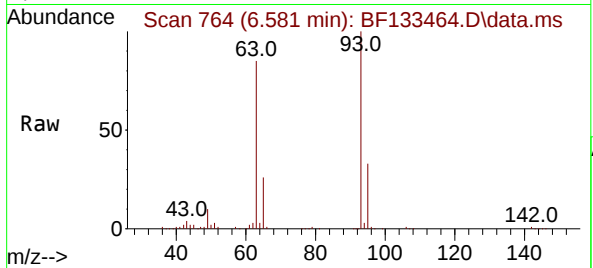




#11
bis(2-Chloroethyl)ether
Concen: 42.203 ng
RT: 6.581 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

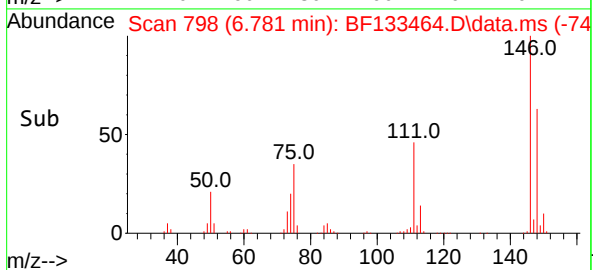
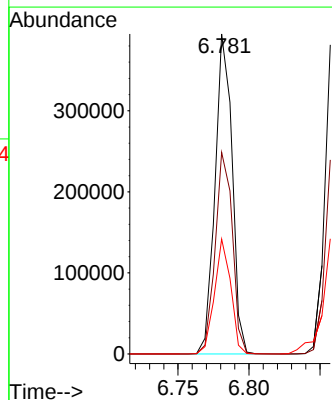
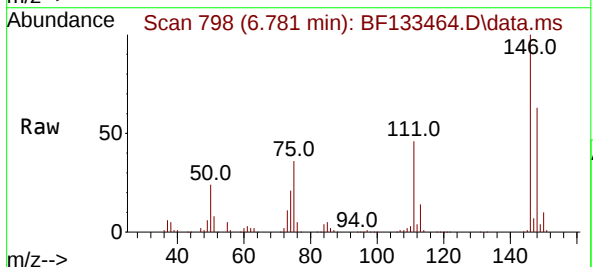
Instrument :
BNA_F
ClientSampleId :
PB153000BS

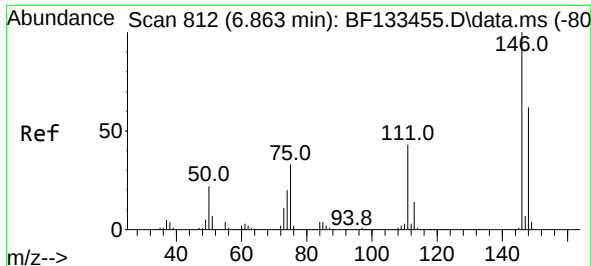
Tgt Ion: 93 Resp: 299140
Ion Ratio Lower Upper
93 100
63 84.5 66.2 106.2
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.155 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:146 Resp: 330077
Ion Ratio Lower Upper
146 100
148 63.0 50.2 75.2
75 35.9 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 43.439 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

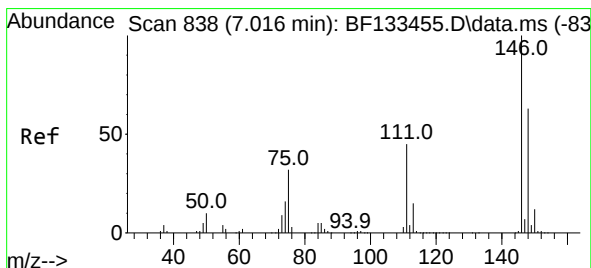
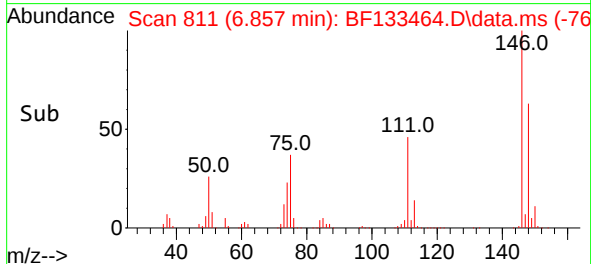
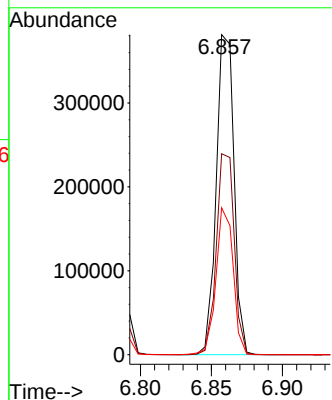
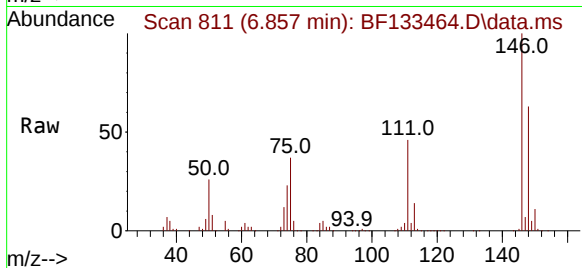
Tgt Ion:146 Resp: 332687

Ion Ratio Lower Upper

146 100

148 62.8 49.5 74.3

111 45.9 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 44.993 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

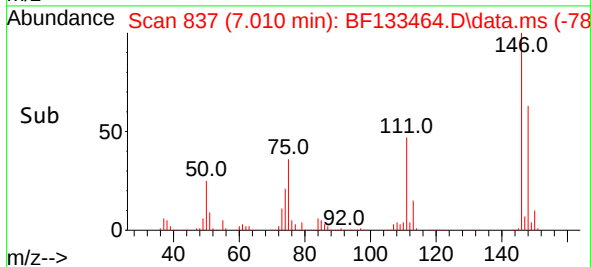
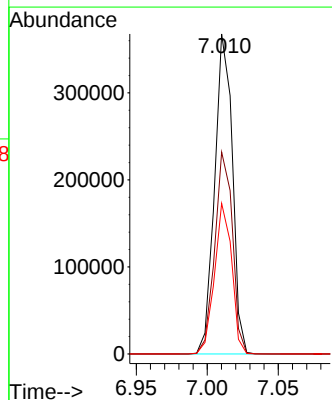
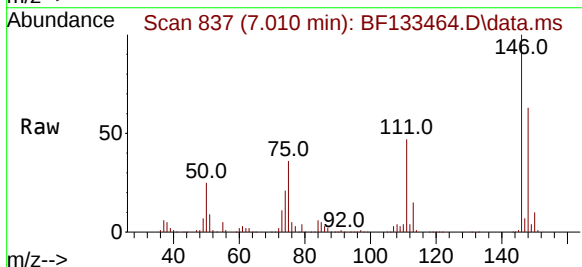
Tgt Ion:146 Resp: 318223

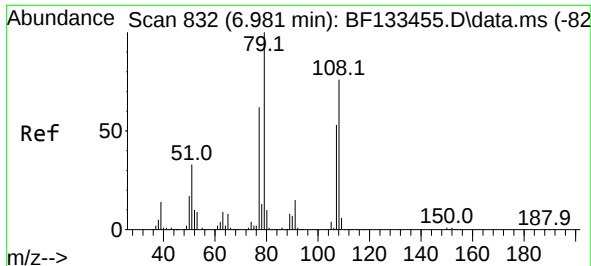
Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

111 47.1 36.3 54.5

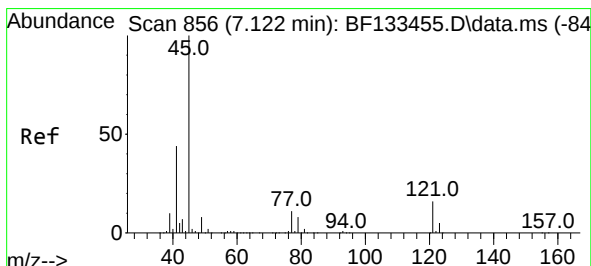
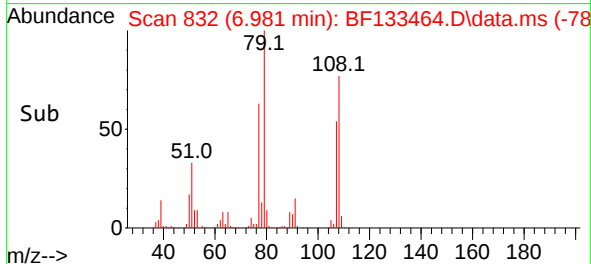
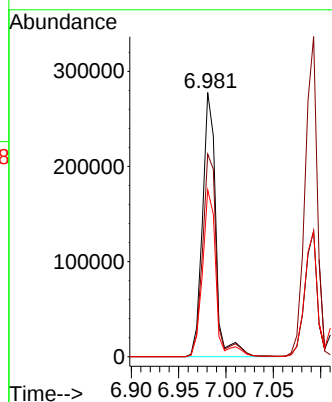
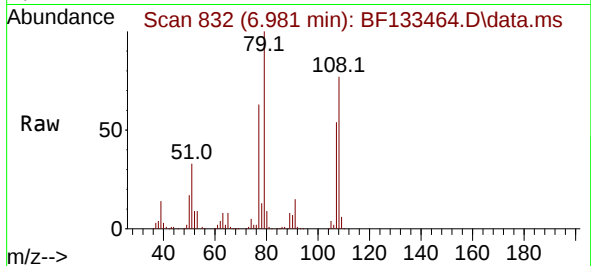




#15
Benzyl Alcohol
Concen: 42.237 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

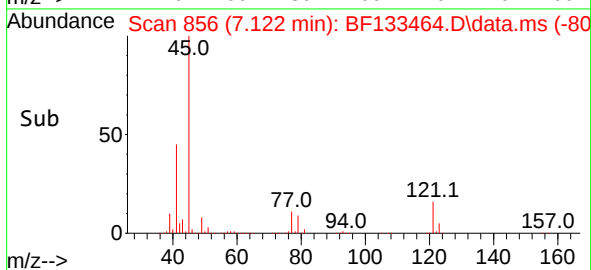
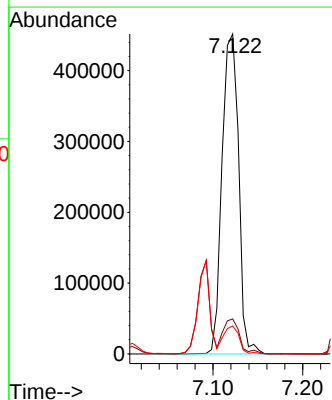
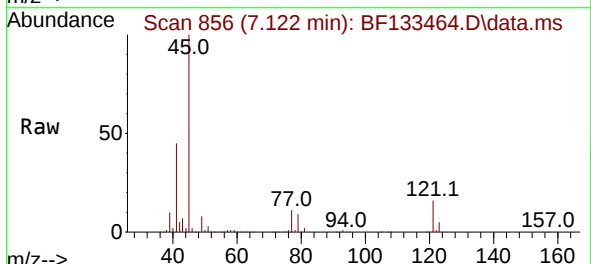
Instrument :
BNA_F
ClientSampleId :
PB153000BS

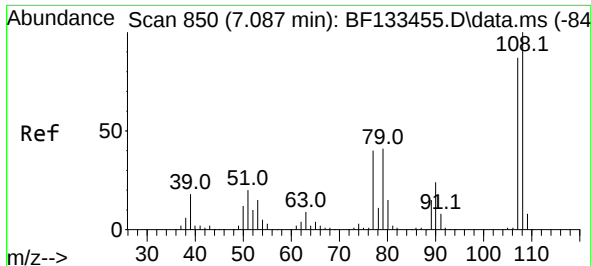
Tgt Ion: 79 Resp: 271440
Ion Ratio Lower Upper
79 100
108 76.7 60.5 90.7
77 63.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.112 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion: 45 Resp: 578247
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.9
79 8.7 0.0 28.0

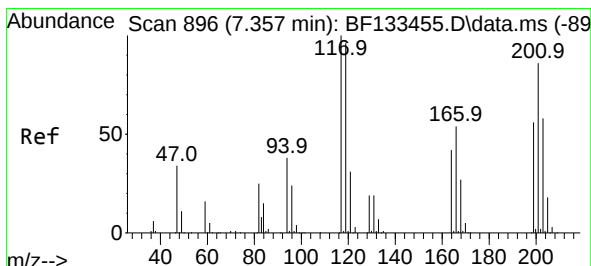
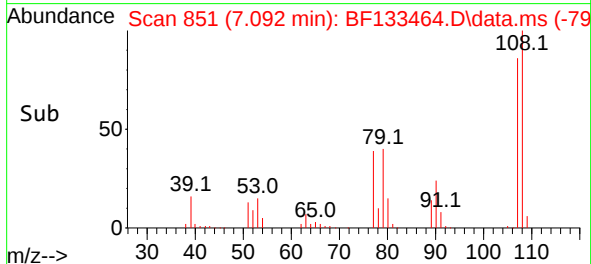
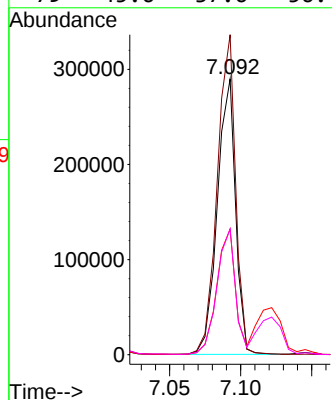
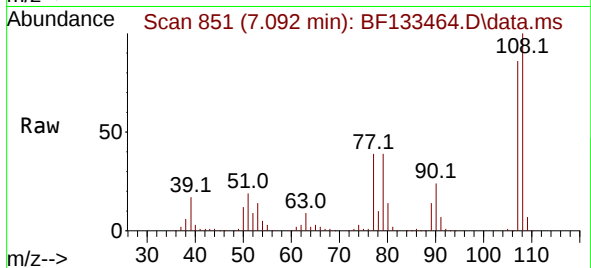




#17
2-Methylphenol
Concen: 40.501 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

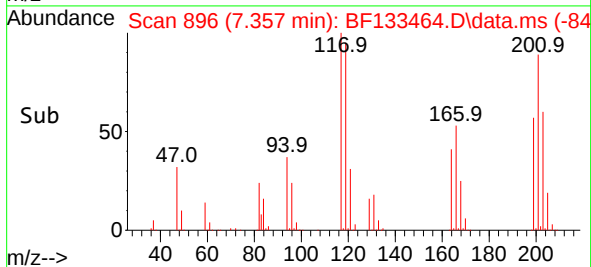
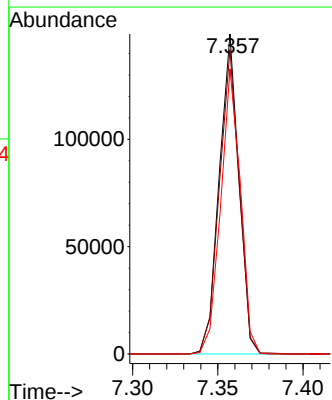
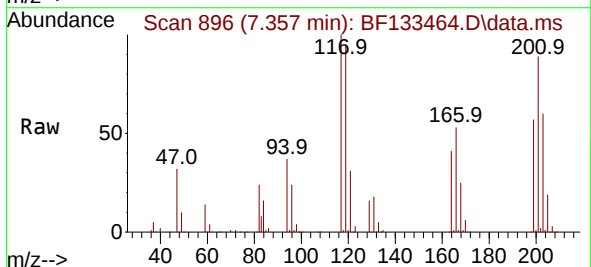
Instrument :
BNA_F
ClientSampleId :
PB153000BS

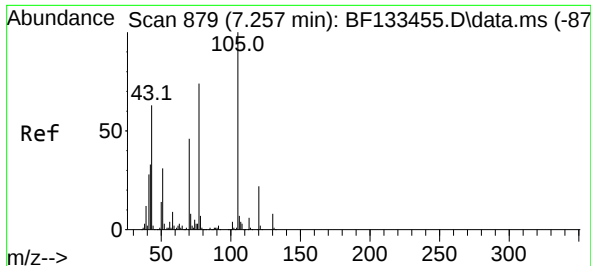
Tgt Ion:	107	Resp:	258798
Ion	Ratio	Lower	Upper
107	100		
108	116.0	92.2	138.4
77	45.5	37.2	55.8
79	45.6	37.6	56.4



#18
Hexachloroethane
Concen: 45.815 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:	117	Resp:	119566
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
201	89.1	68.6	103.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.005 ng

RT: 7.257 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

Tgt Ion: 70 Resp: 217938

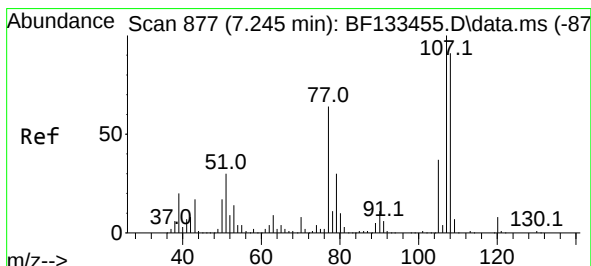
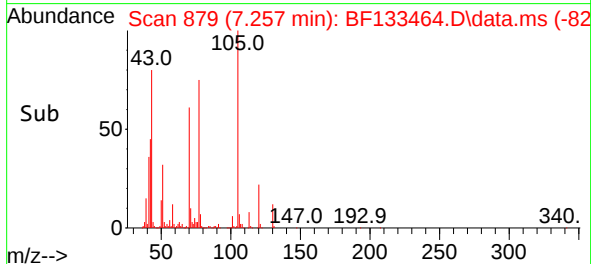
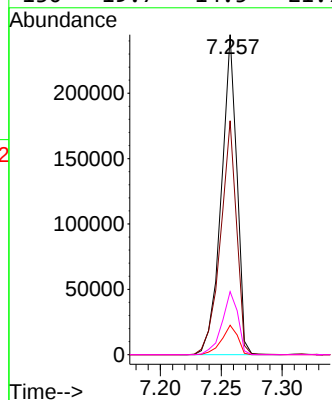
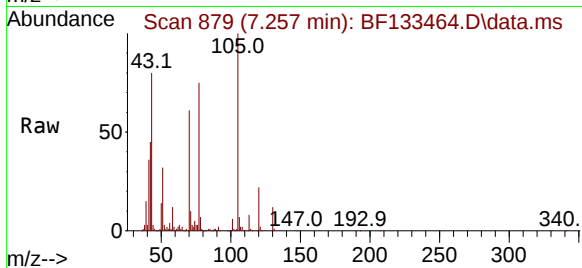
Ion Ratio Lower Upper

70 100

42 73.1 57.7 86.5

101 9.2 7.6 11.4

130 19.7 14.5 21.7



#20

3+4-Methylphenols

Concen: 41.170 ng

RT: 7.245 min Scan# 877

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Tgt Ion: 107 Resp: 318418

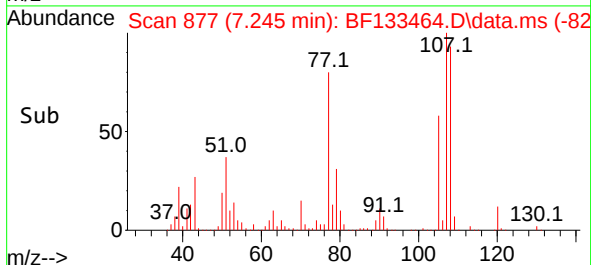
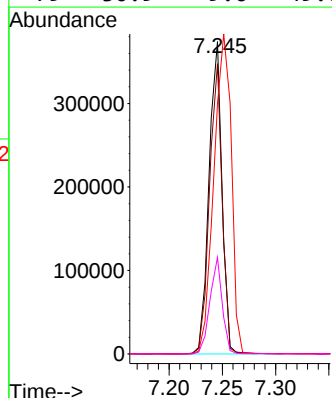
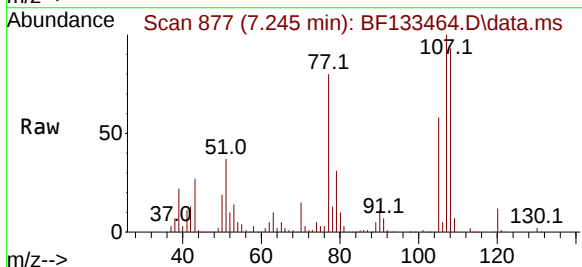
Ion Ratio Lower Upper

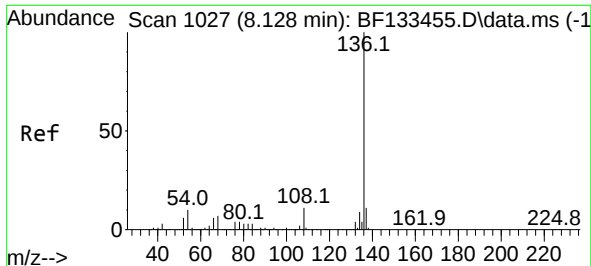
107 100

108 92.9 71.5 111.5

77 80.0 44.0 84.0

79 30.9 9.6 49.6



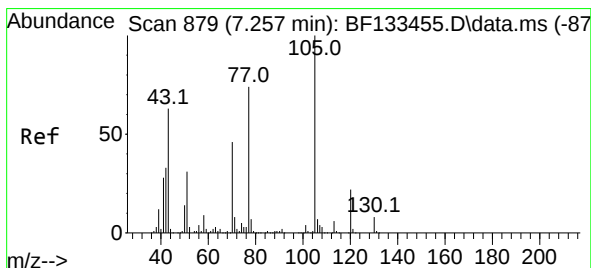
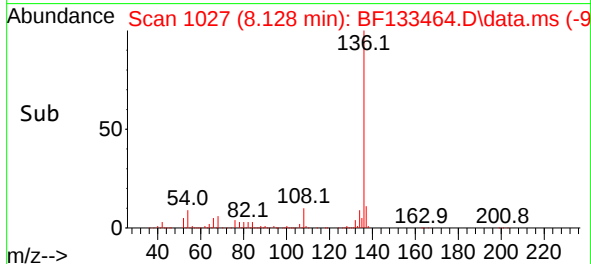
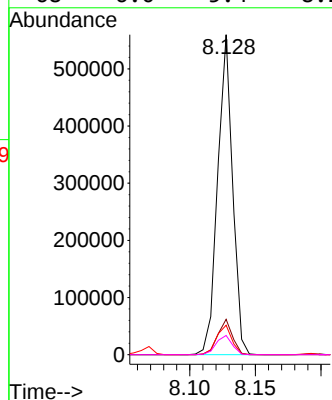
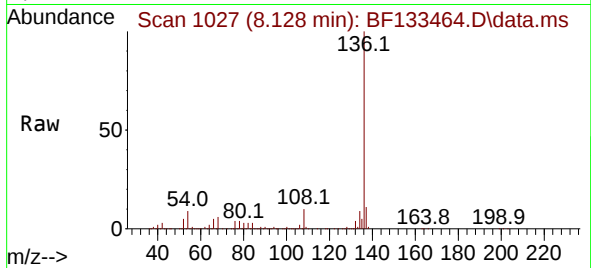


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Instrument :
BNA_F
ClientSampleId :
PB153000BS

Tgt Ion:136 Resp: 442356

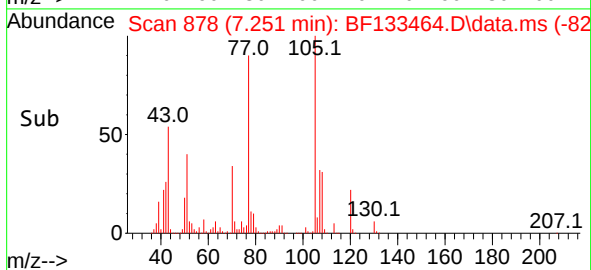
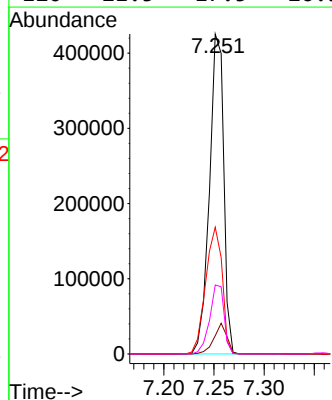
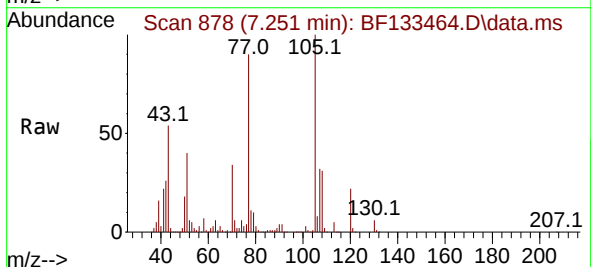
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.2	8.0	12.0
68	6.0	5.4	8.2

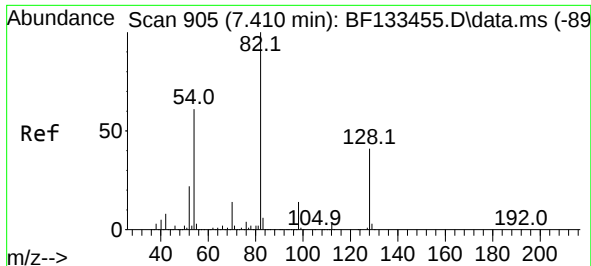


#22
Acetophenone
Concen: 40.766 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:105 Resp: 423172

Ion	Ratio	Lower	Upper
105	100		
71	5.7	6.2	9.4#
51	39.6	24.6	36.8#
120	21.5	17.5	26.3





#23

Nitrobenzene-d5

Concen: 95.425 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

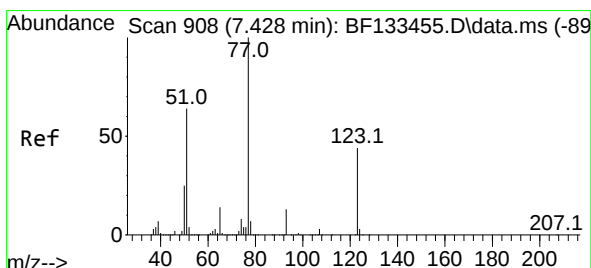
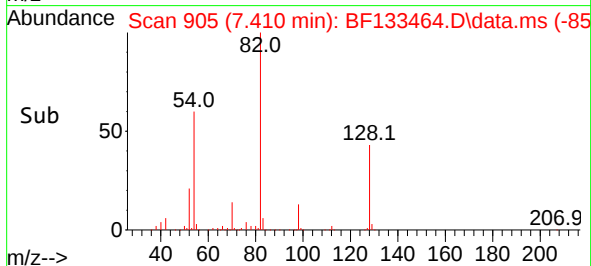
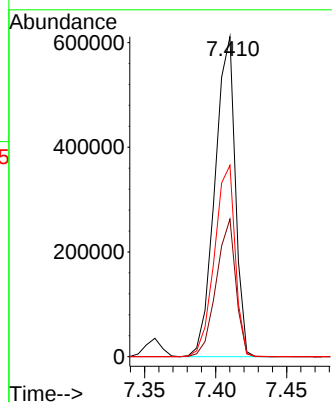
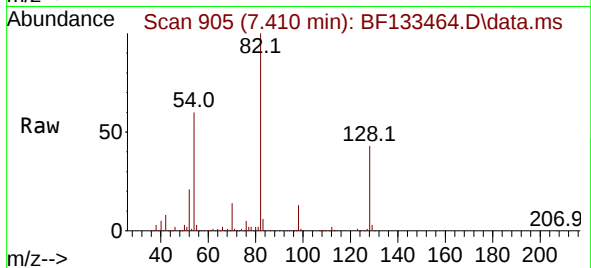
Tgt Ion: 82 Resp: 610567

Ion Ratio Lower Upper

82 100

128 43.0 33.0 49.6

54 59.8 48.5 72.7



#24

Nitrobenzene

Concen: 45.584 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

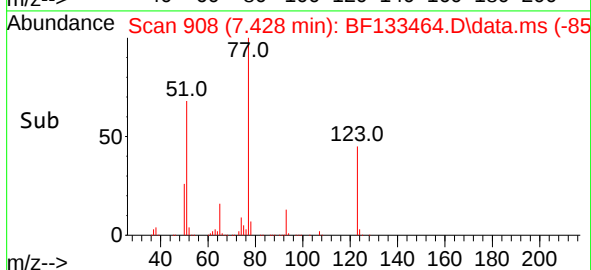
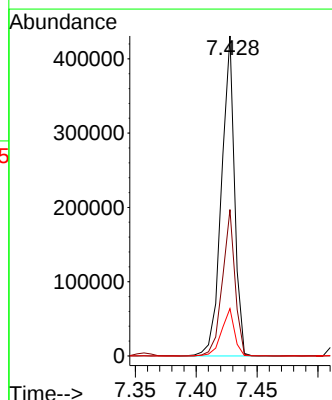
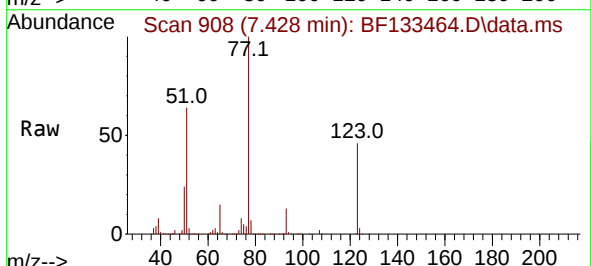
Tgt Ion: 77 Resp: 322413

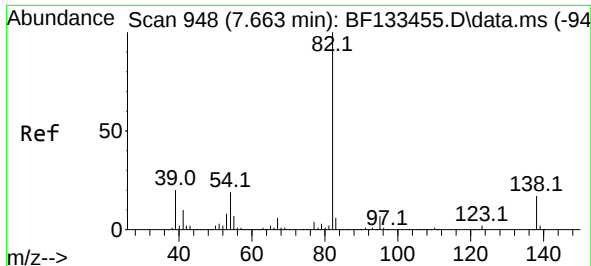
Ion Ratio Lower Upper

77 100

123 45.7 35.3 52.9

65 14.8 11.5 17.3

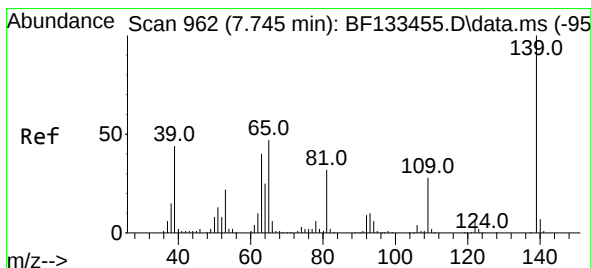
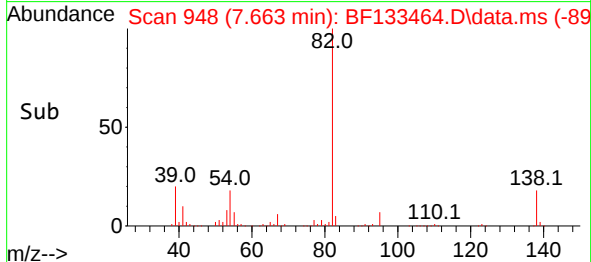
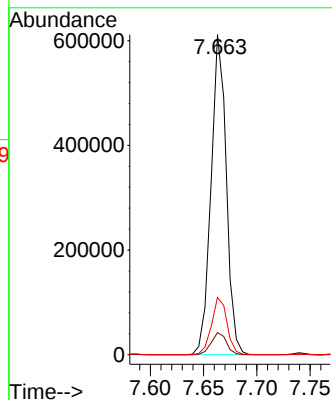
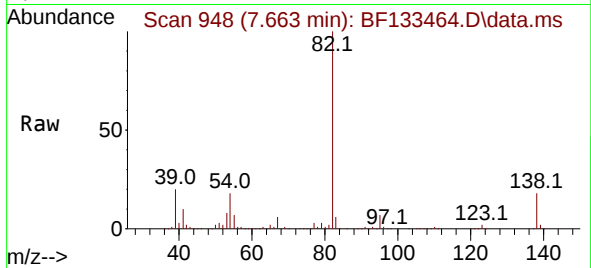




#25
Isophorone
Concen: 40.406 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

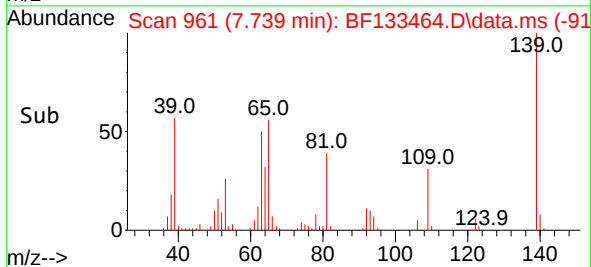
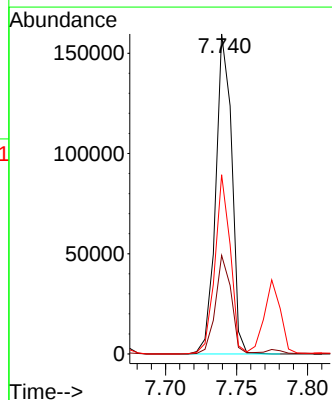
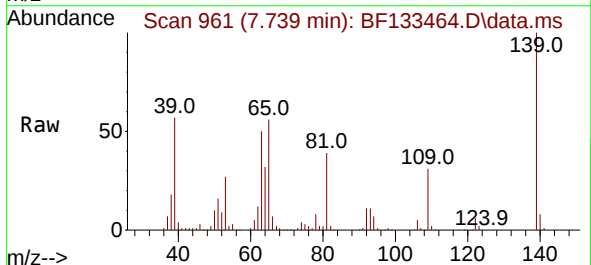
Instrument :
BNA_F
ClientSampleId :
PB153000BS

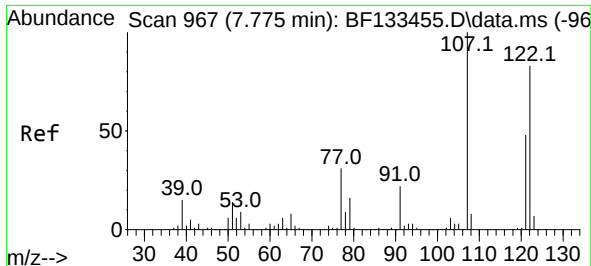
Tgt Ion: 82 Resp: 608344
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 17.9 13.5 20.3



#26
2-Nitrophenol
Concen: 43.440 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:139 Resp: 125014
Ion Ratio Lower Upper
139 100
109 30.8 22.3 33.5
65 56.0 37.6 56.4





#27

2,4-Dimethylphenol

Concen: 42.698 ng

RT: 7.775 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

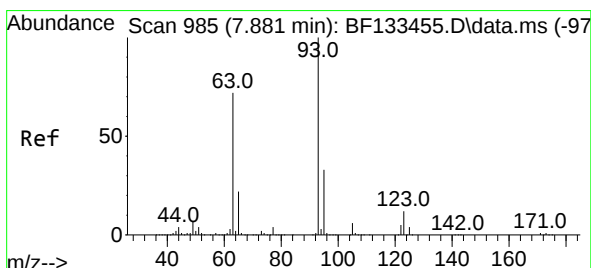
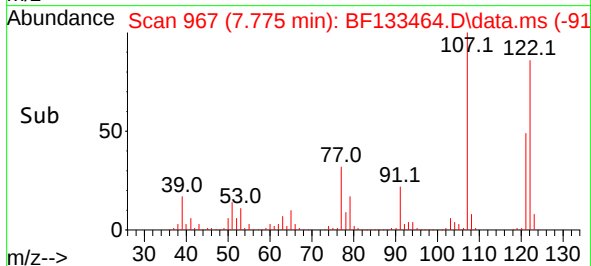
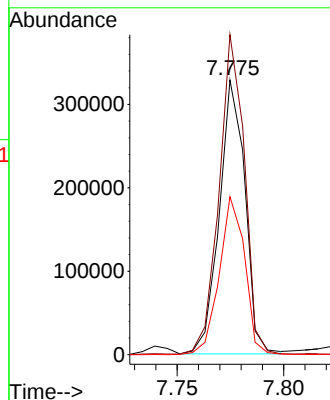
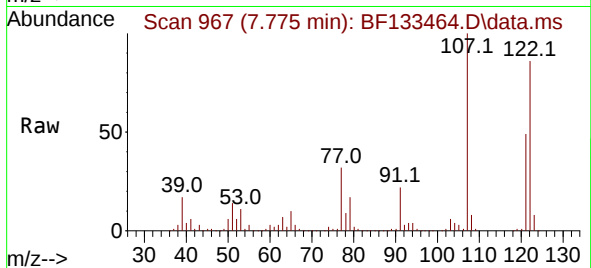
Tgt Ion:122 Resp: 274759

Ion Ratio Lower Upper

122 100

107 116.5 95.7 143.5

121 57.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.545 ng

RT: 7.881 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

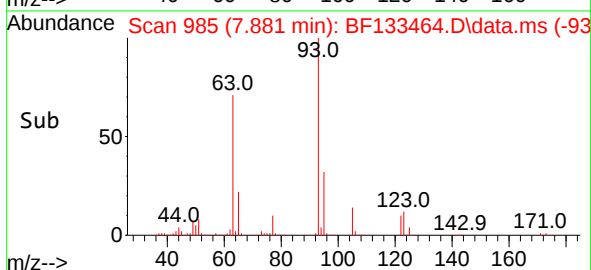
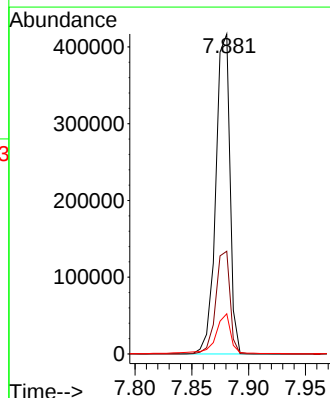
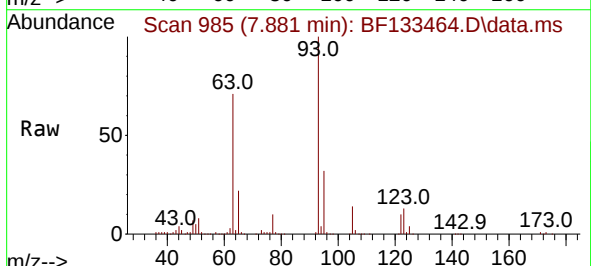
Tgt Ion: 93 Resp: 360636

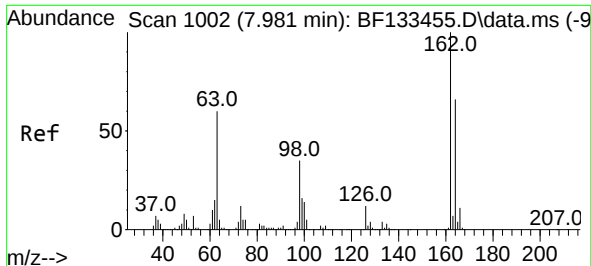
Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.257 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

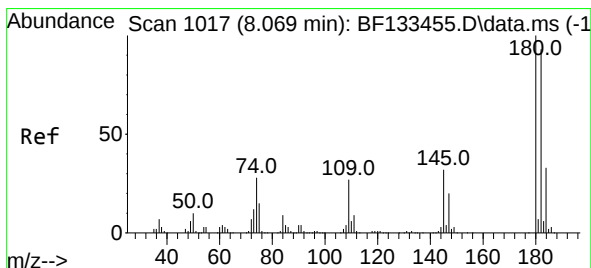
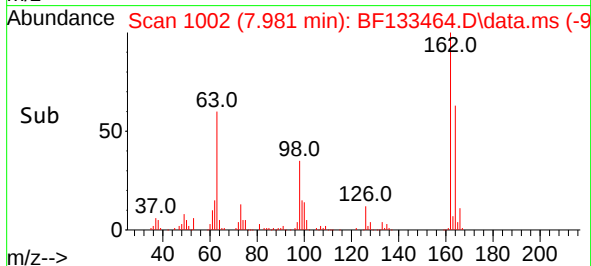
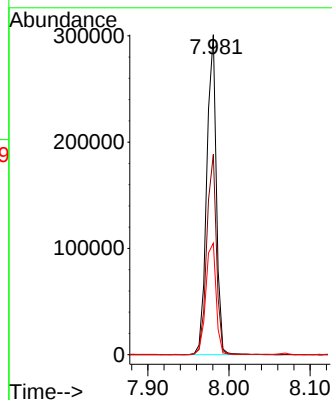
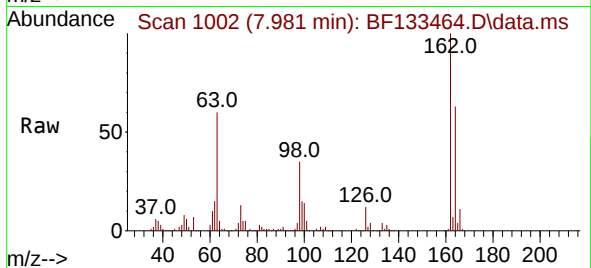
Tgt Ion:162 Resp: 246564

Ion Ratio Lower Upper

162 100

164 62.6 46.0 86.0

98 34.9 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.659 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

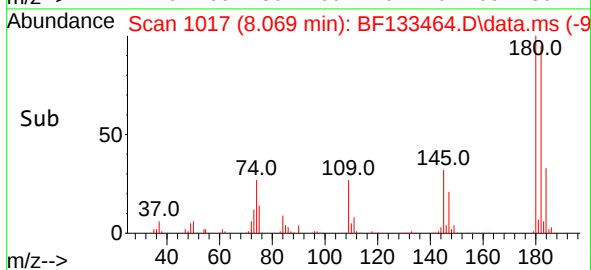
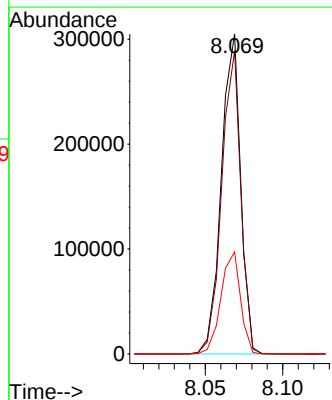
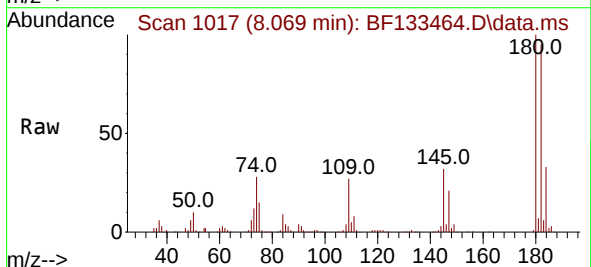
Tgt Ion:180 Resp: 264340

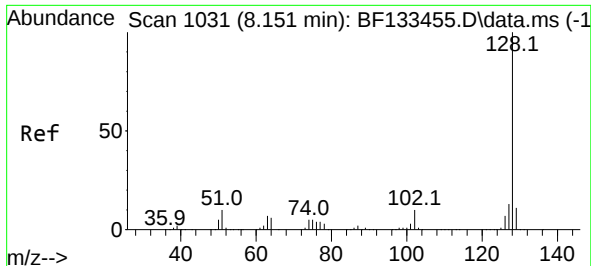
Ion Ratio Lower Upper

180 100

182 94.8 74.5 111.7

145 31.9 25.8 38.8

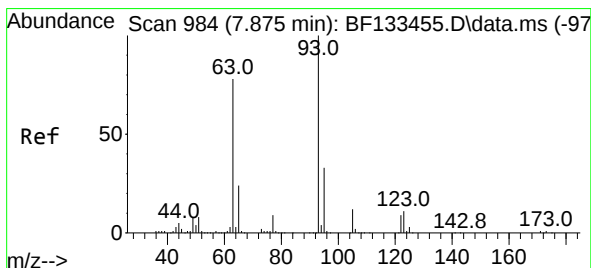
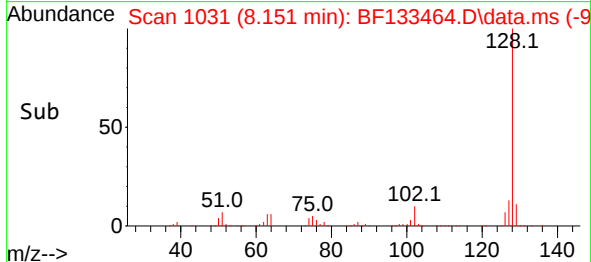
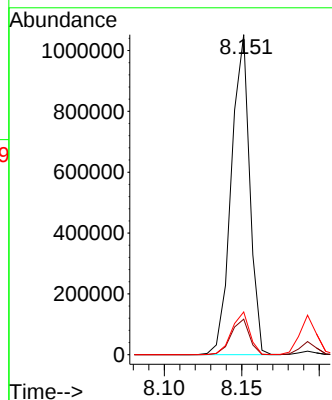
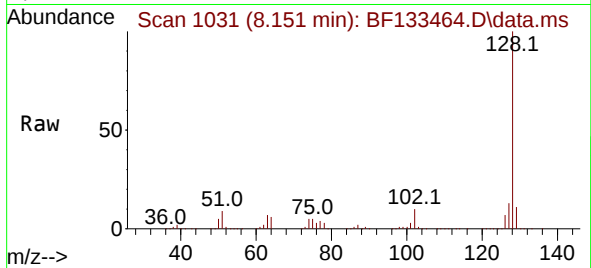




#31
Naphthalene
Concen: 40.051 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

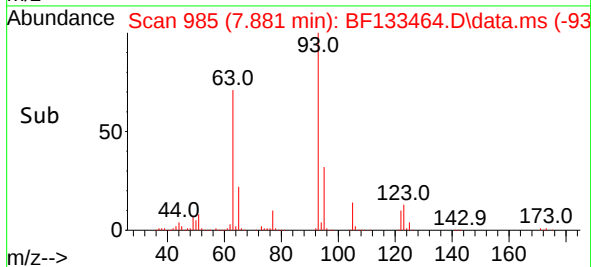
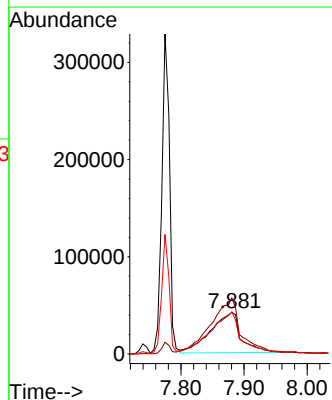
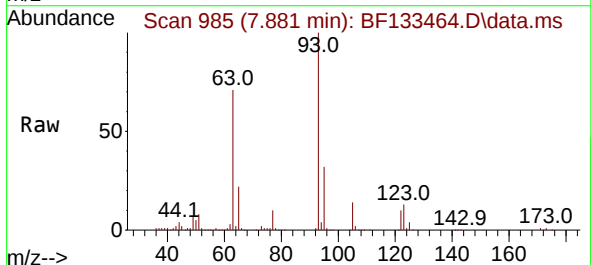
Instrument :
BNA_F
ClientSampleId :
PB153000BS

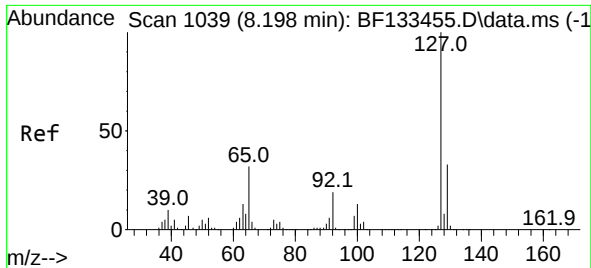
Tgt Ion:128 Resp: 870244
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 44.514 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:122 Resp: 139245
Ion Ratio Lower Upper
122 100
105 134.7 111.2 151.2
77 101.2 82.0 122.0

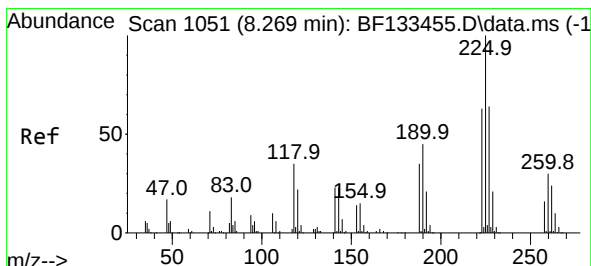
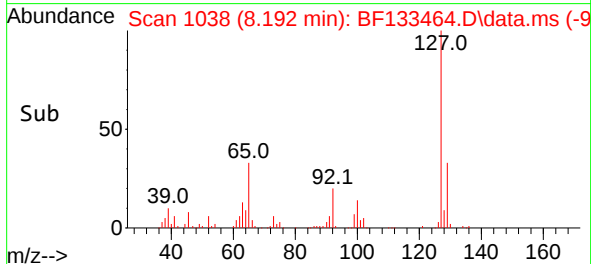
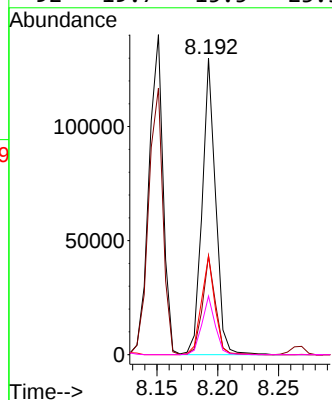
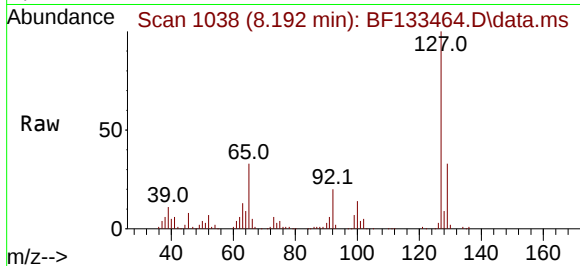




#33
4-Chloroaniline
Concen: 11.003 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

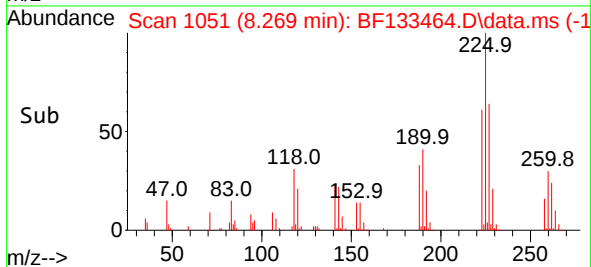
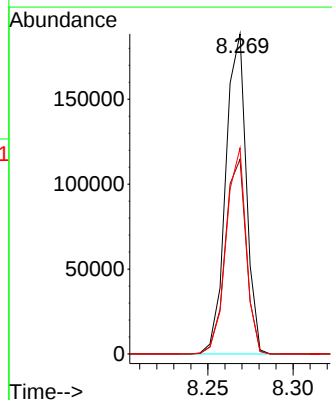
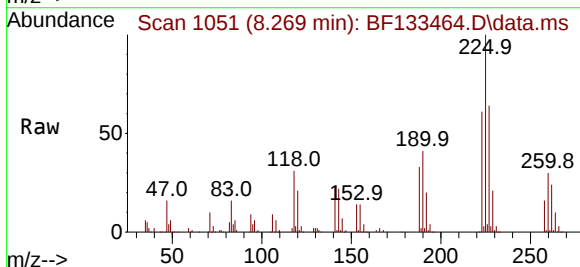
Instrument :
BNA_F
ClientSampleId :
PB153000BS

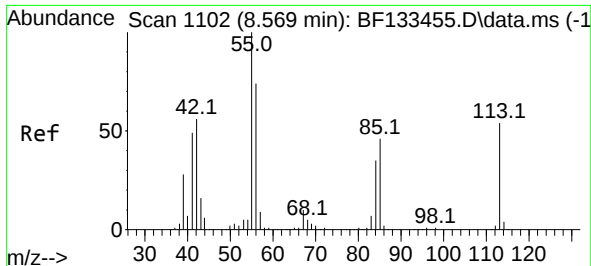
Tgt Ion:127	Resp: 100161
Ion Ratio	Lower Upper
127	100
129	33.3 26.1 39.1
65	33.3 25.9 38.9
92	19.7 15.5 23.3



#34
Hexachlorobutadiene
Concen: 40.996 ng
RT: 8.269 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:225	Resp: 158094
Ion Ratio	Lower Upper
225	100
223	60.9 50.7 76.1
227	64.4 51.0 76.4

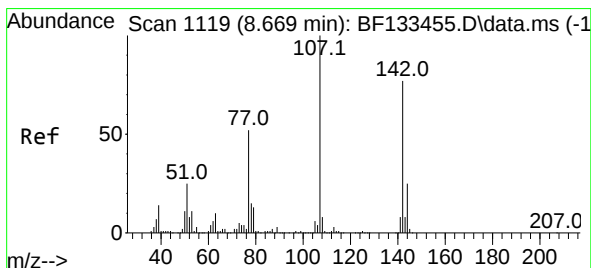
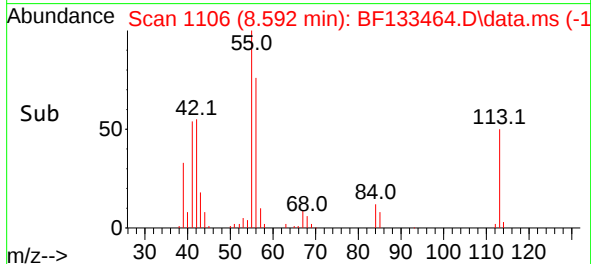
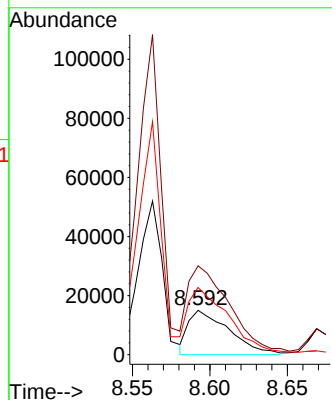
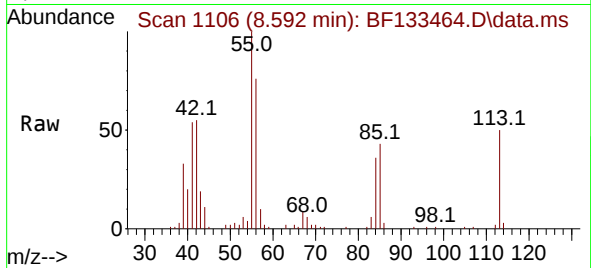




#35
Caprolactam
Concen: 15.564 ng
RT: 8.592 min Scan# 1106
Delta R.T. 0.024 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

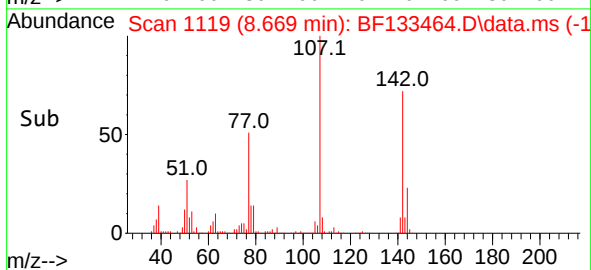
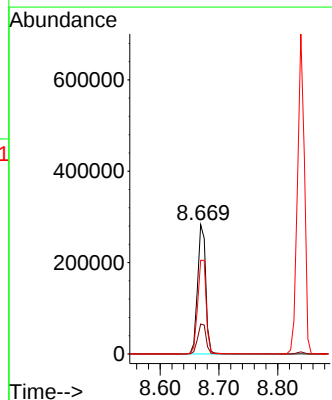
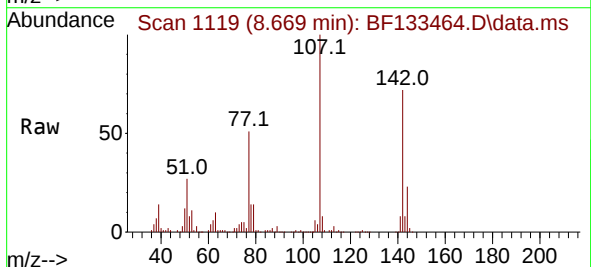
Instrument :
BNA_F
ClientSampleId :
PB153000BS

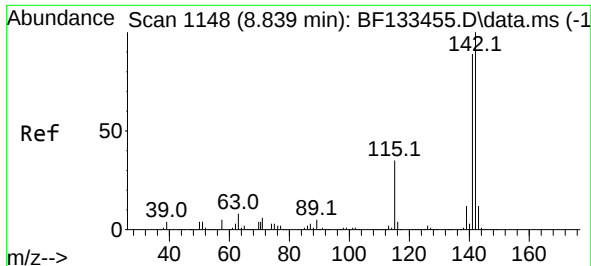
Tgt Ion:113 Resp: 27583
Ion Ratio Lower Upper
113 100
55 200.2 164.2 204.2
56 151.6 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 43.040 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:107 Resp: 271752
Ion Ratio Lower Upper
107 100
144 23.2 19.8 29.6
142 72.4 61.7 92.5





#37

2-Methylnaphthalene

Concen: 39.294 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

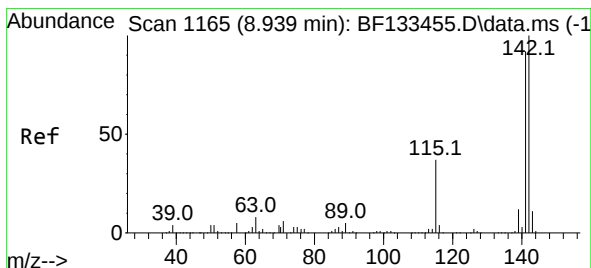
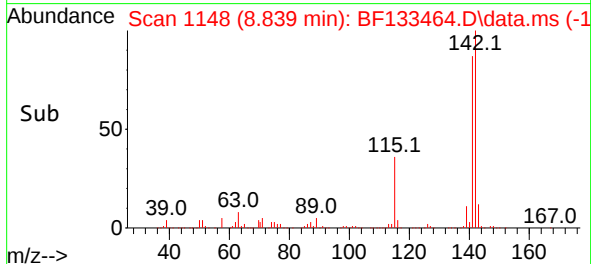
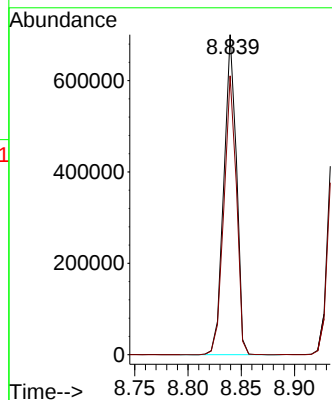
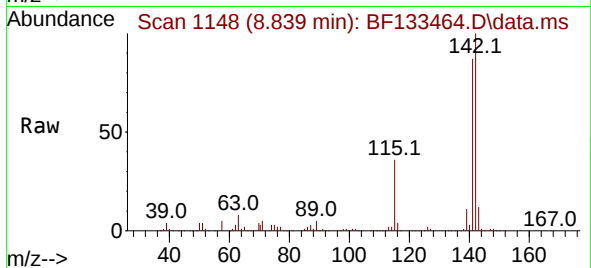
PB153000BS

Tgt Ion:142 Resp: 572380

Ion Ratio Lower Upper

142 100

141 87.2 70.9 106.3



#38

1-Methylnaphthalene

Concen: 39.484 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF133464.D

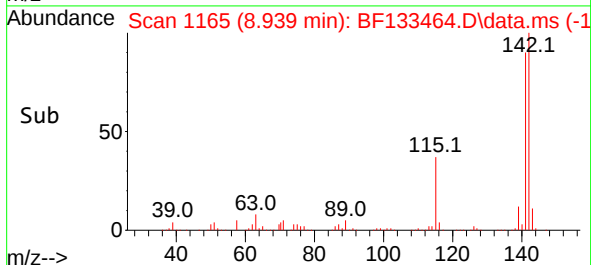
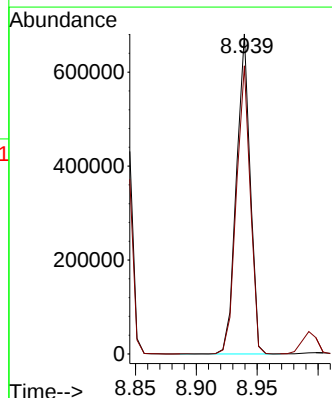
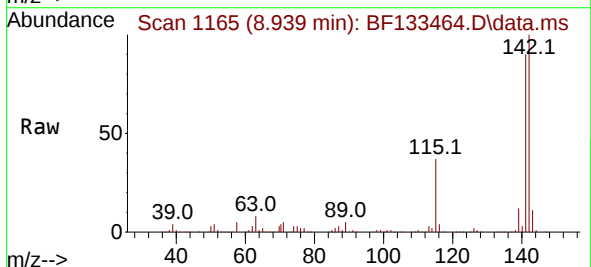
Acq: 24 May 2023 11:41

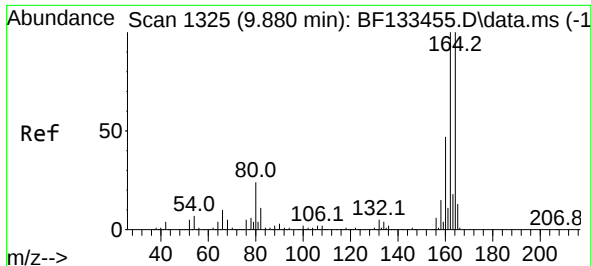
Tgt Ion:142 Resp: 535929

Ion Ratio Lower Upper

142 100

141 90.1 73.3 109.9

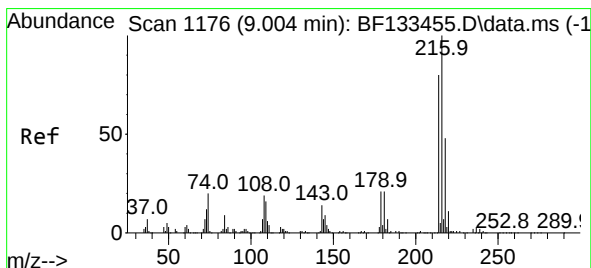
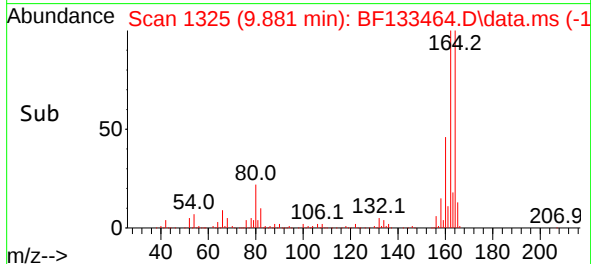
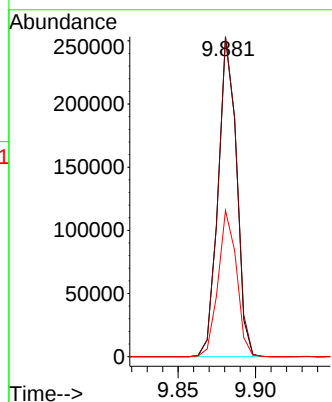
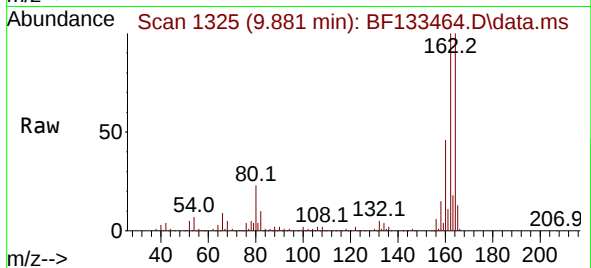




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

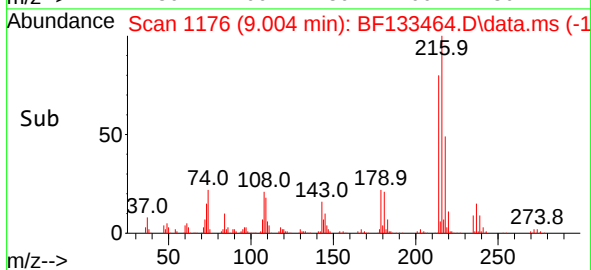
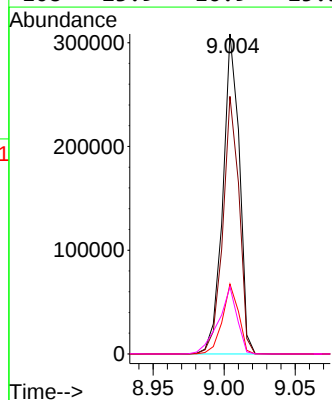
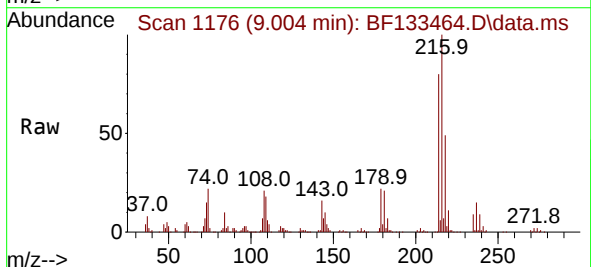
Instrument :
BNA_F
ClientSampleId :
PB153000BS

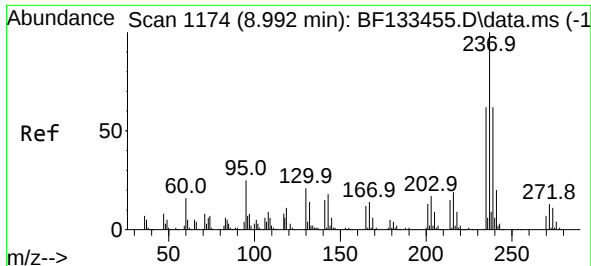
Tgt Ion:164 Resp: 208570
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.6
160 45.8 37.4 56.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.125 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:216 Resp: 248015
Ion Ratio Lower Upper
216 100
214 79.0 64.1 96.1
179 21.4 17.4 26.2
108 23.9 16.9 25.3

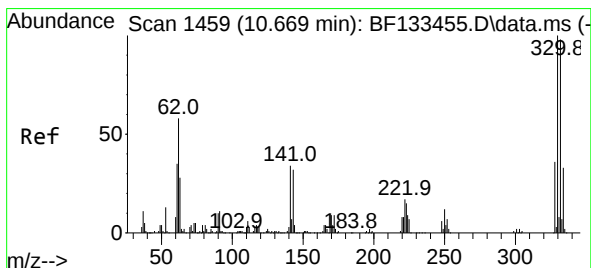
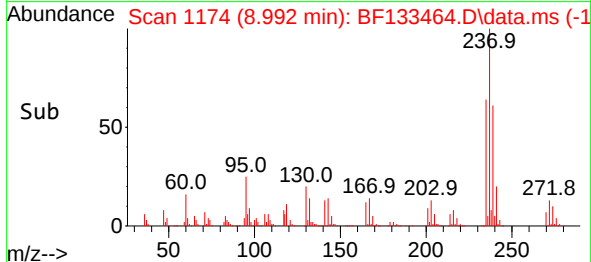
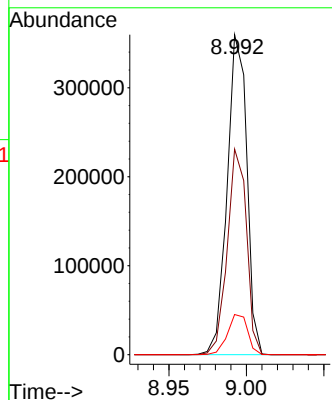
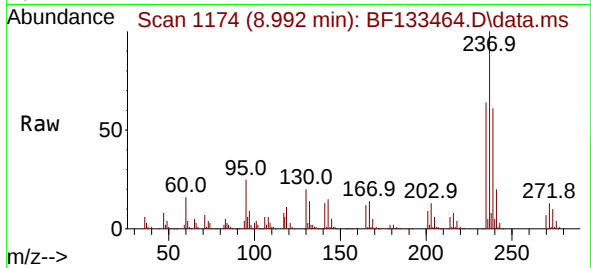




#41
Hexachlorocyclopentadiene
Concen: 105.055 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

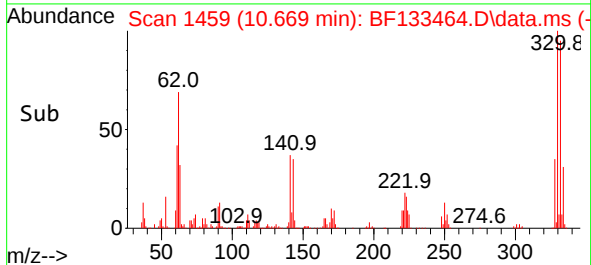
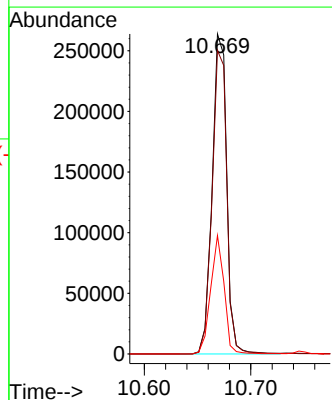
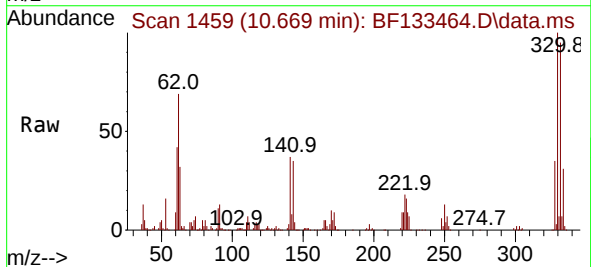
Instrument :
BNA_F
ClientSampleId :
PB153000BS

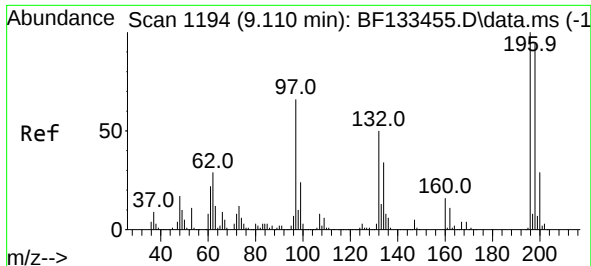
Tgt Ion:237 Resp: 317609
Ion Ratio Lower Upper
237 100
235 64.3 42.0 82.0
272 12.5 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 129.782 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:330 Resp: 250048
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 34.4 28.5 42.7





#43

2,4,6-Trichlorophenol

Concen: 43.412 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

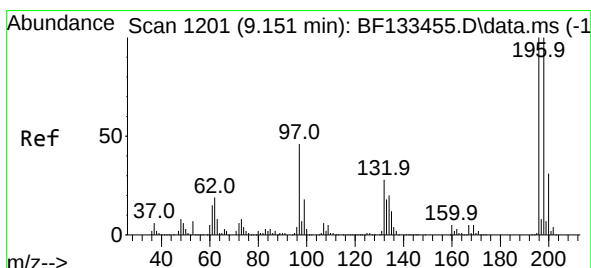
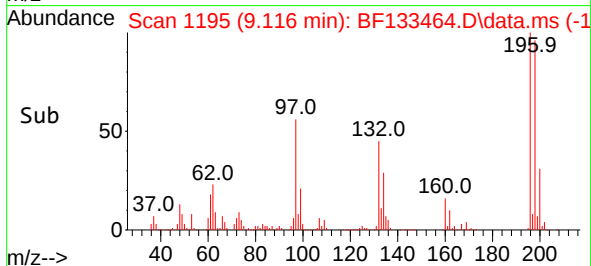
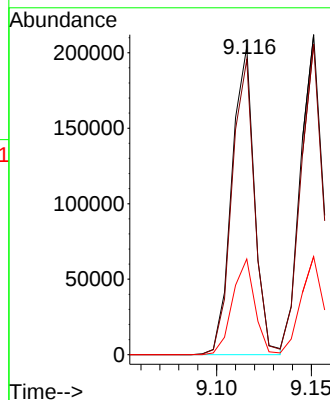
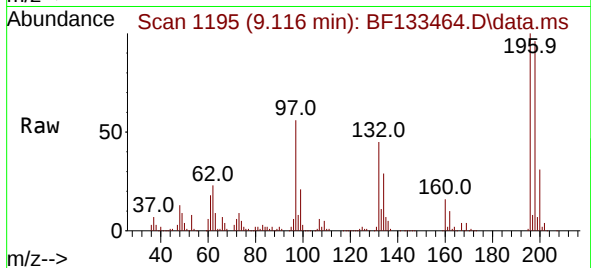
Tgt Ion:196 Resp: 168988

Ion Ratio Lower Upper

196 100

198 95.8 75.4 113.0

200 31.1 23.3 34.9



#44

2,4,5-Trichlorophenol

Concen: 39.463 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Tgt Ion:196 Resp: 177671

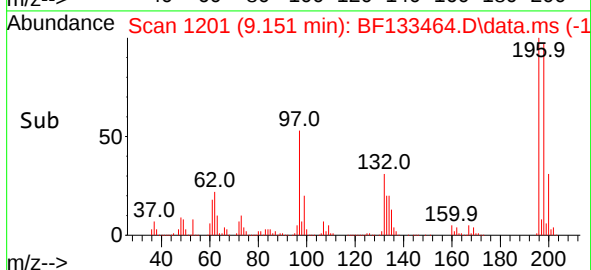
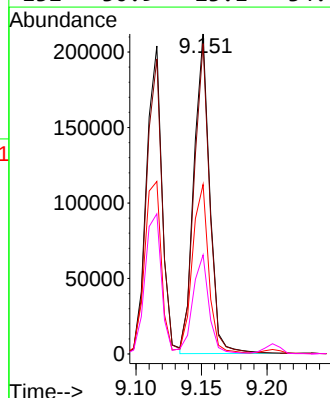
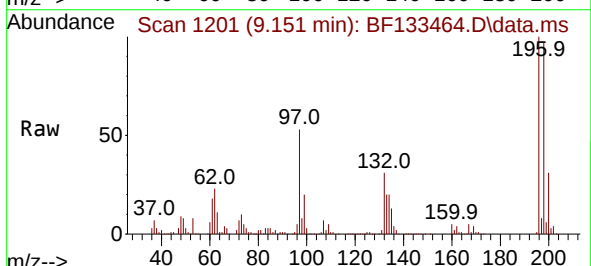
Ion Ratio Lower Upper

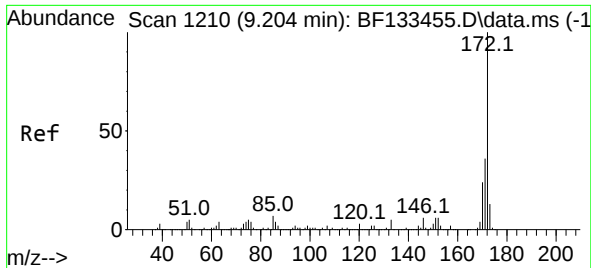
196 100

198 97.0 79.3 118.9

97 53.0 37.9 56.9

132 30.9 23.1 34.7

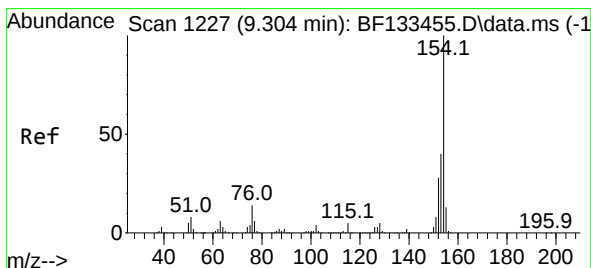
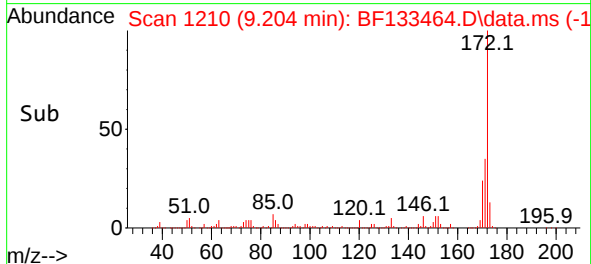
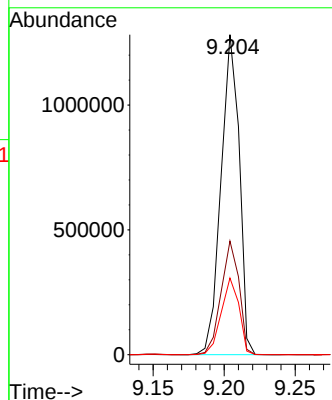
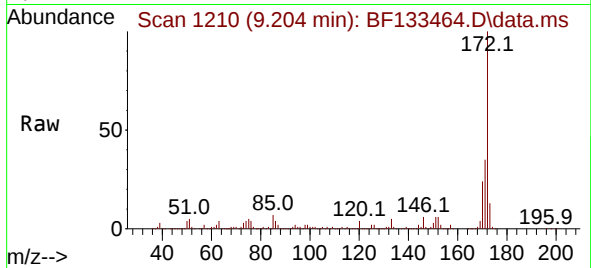




#45
2-Fluorobiphenyl
Concen: 77.050 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

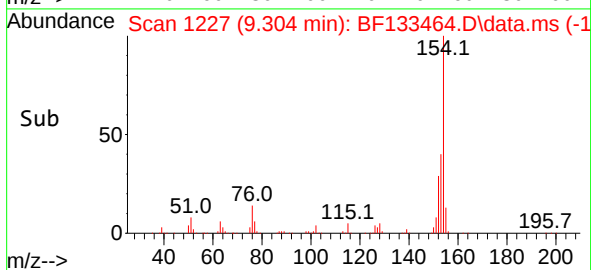
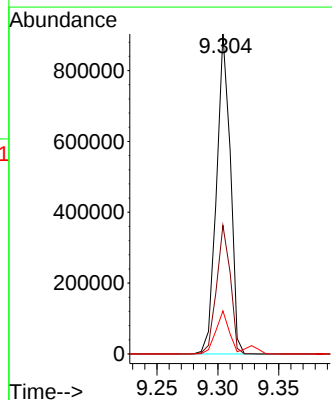
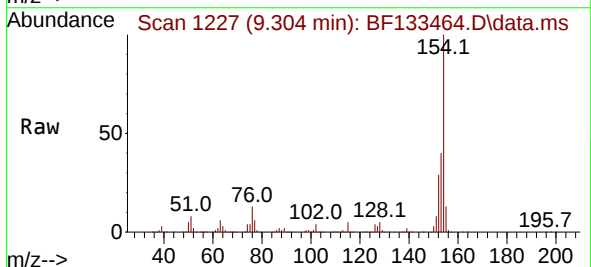
Instrument :
BNA_F
ClientSampleId :
PB153000BS

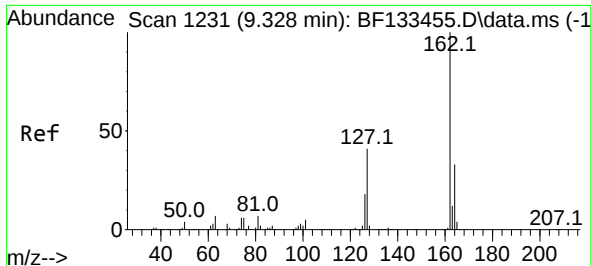
Tgt Ion:172 Resp: 1142224
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.663 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:154 Resp: 711337
Ion Ratio Lower Upper
154 100
153 40.2 19.8 59.8
76 13.5 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.045 ng

RT: 9.328 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

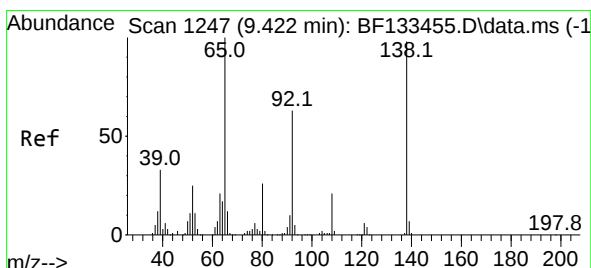
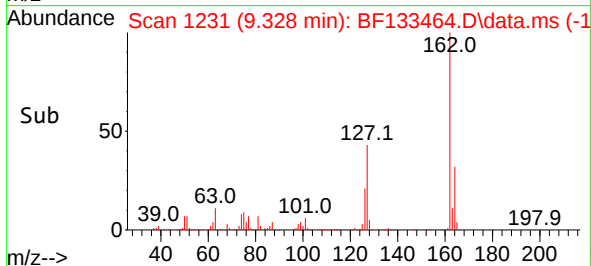
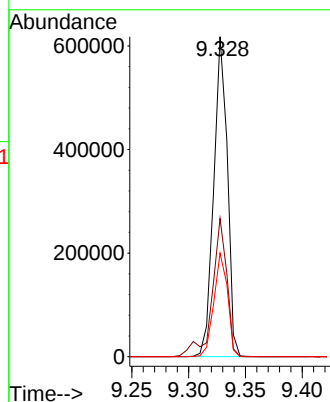
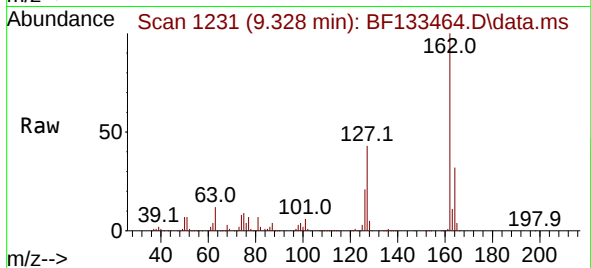
Tgt Ion:162 Resp: 515065

Ion Ratio Lower Upper

162 100

127 43.2 34.6 51.8

164 32.4 26.2 39.4



#48

2-Nitroaniline

Concen: 42.908 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

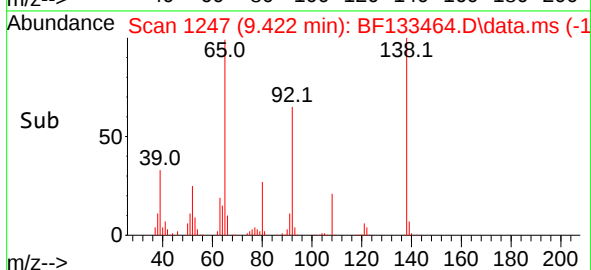
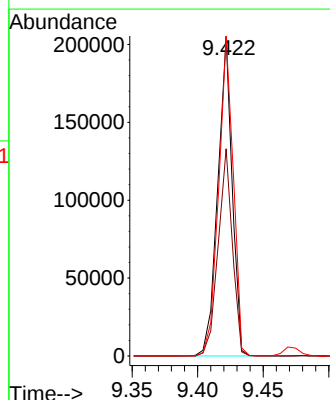
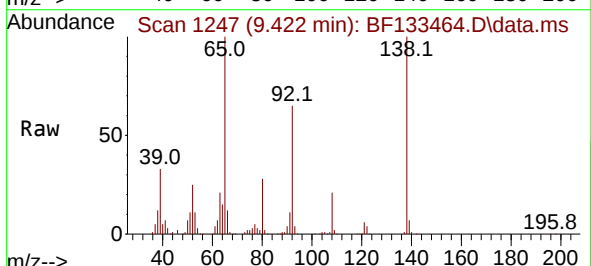
Tgt Ion: 65 Resp: 155890

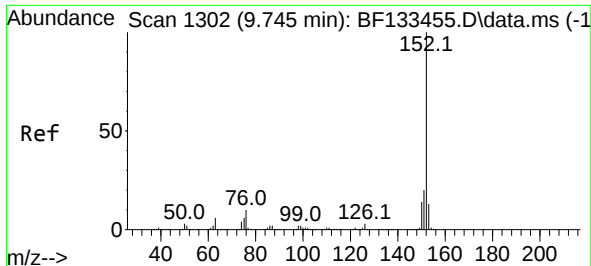
Ion Ratio Lower Upper

65 100

92 65.1 50.1 75.1

138 100.5 78.6 118.0





#49

Acenaphthylene

Concen: 40.636 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

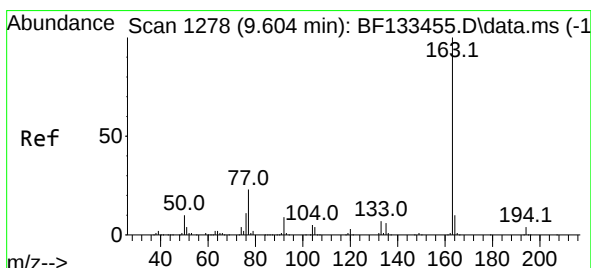
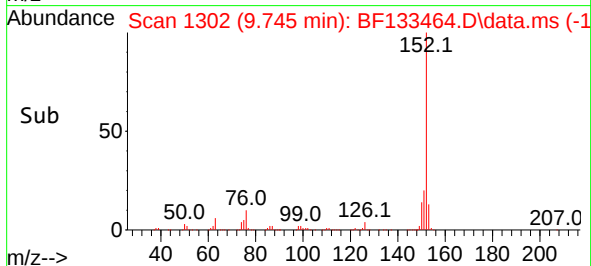
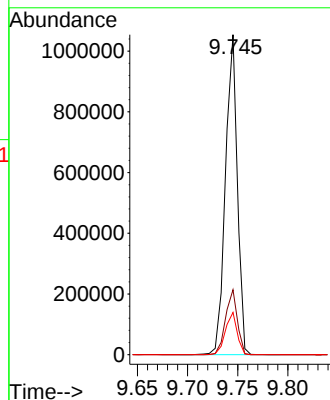
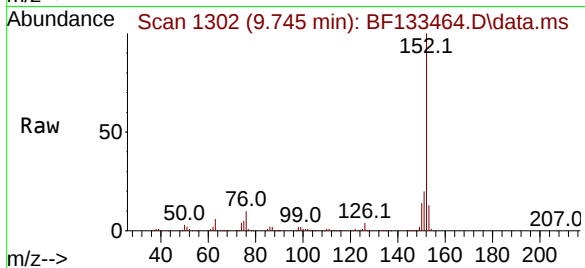
Tgt Ion:152 Resp: 866276

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 41.704 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

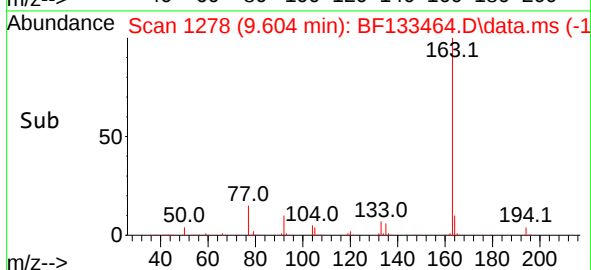
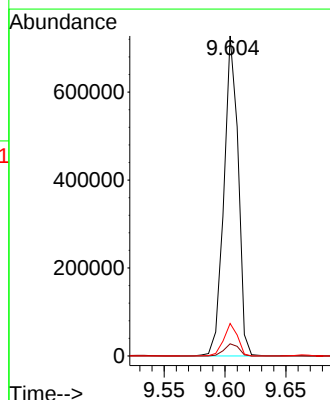
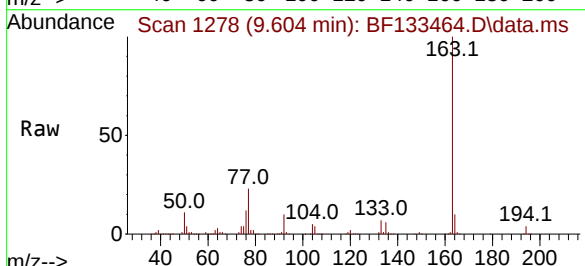
Tgt Ion:163 Resp: 593838

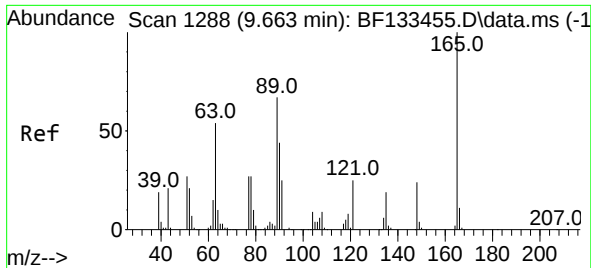
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 10.2 8.3 12.5

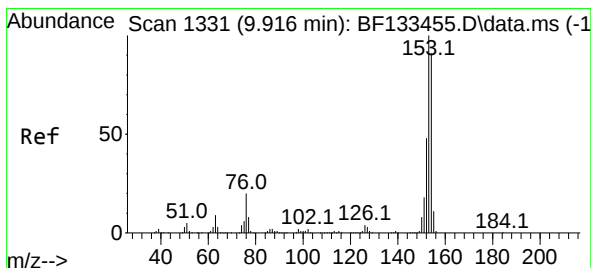
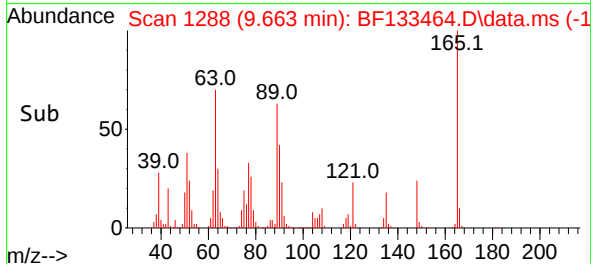
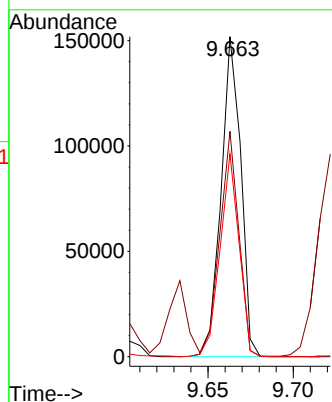
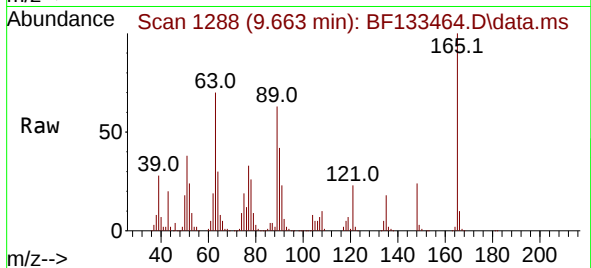




#51
2,6-Dinitrotoluene
Concen: 45.565 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

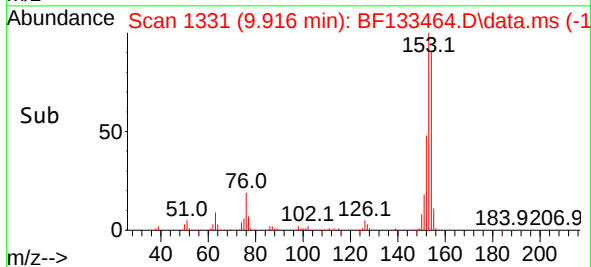
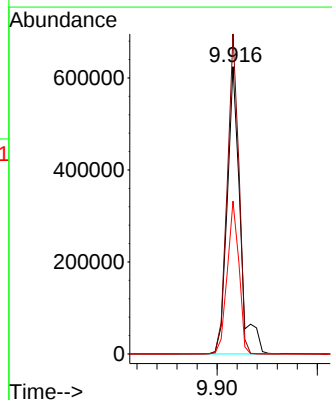
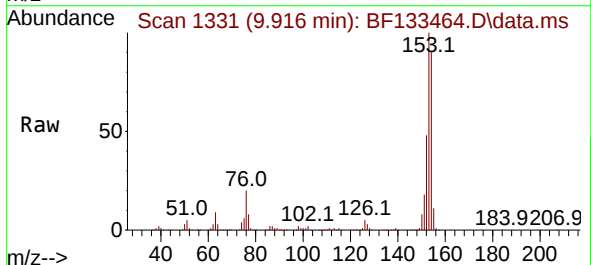
Instrument :
BNA_F
ClientSampleId :
PB153000BS

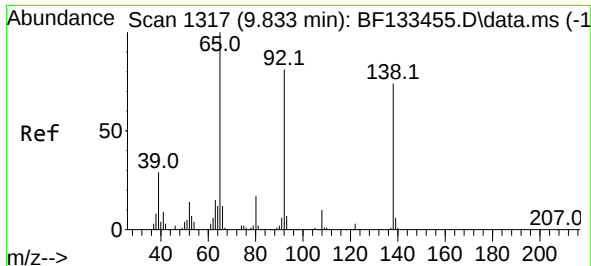
Tgt Ion:165 Resp: 121944
Ion Ratio Lower Upper
165 100
63 70.4 61.0 91.4
89 63.4 53.5 80.3



#52
Acenaphthene
Concen: 43.384 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:154 Resp: 555323
Ion Ratio Lower Upper
154 100
153 111.4 87.6 131.4
152 53.2 41.8 62.8

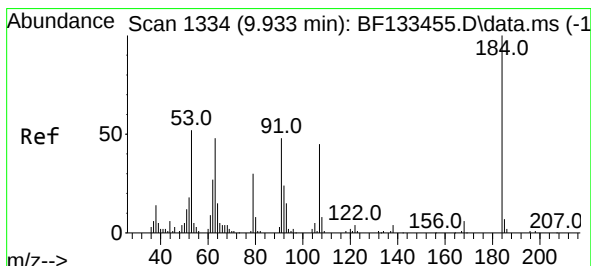
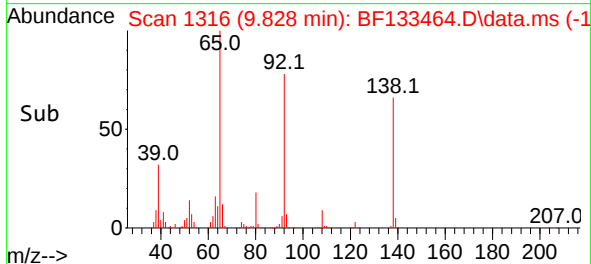
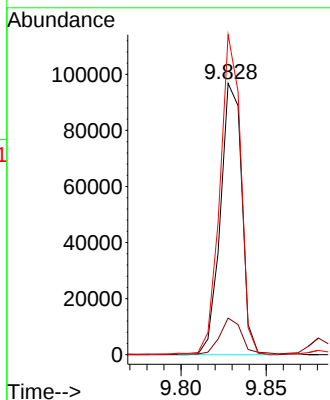
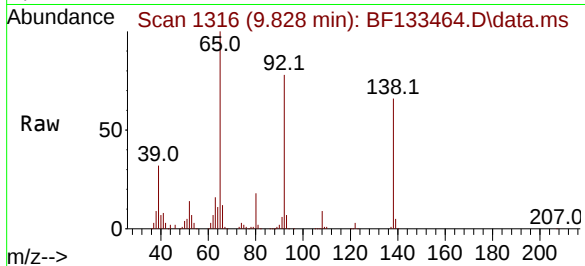




#53
3-Nitroaniline
Concen: 26.884 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

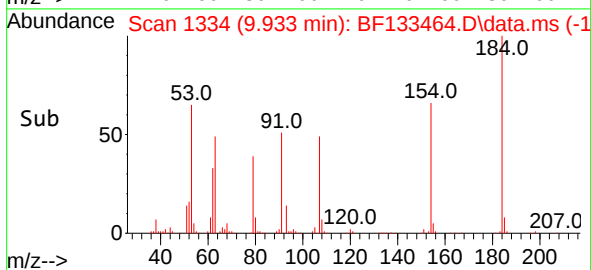
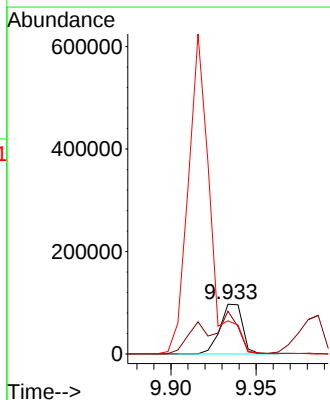
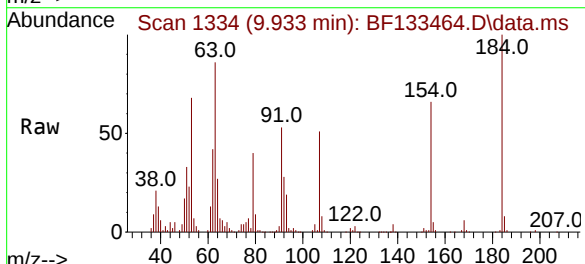
Instrument :
BNA_F
ClientSampleId :
PB153000BS

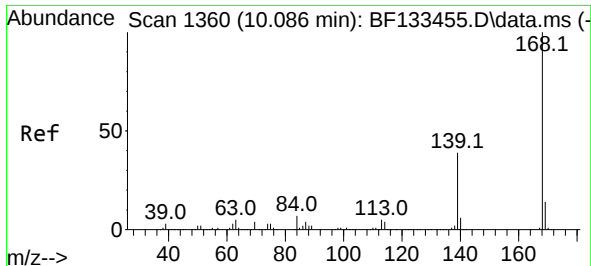
Tgt Ion:138 Resp: 84342
Ion Ratio Lower Upper
138 100
108 13.5 11.4 17.0
92 117.9 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 81.382 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:184 Resp: 89433
Ion Ratio Lower Upper
184 100
63 85.6 54.4 81.6#
154 66.5 51.3 76.9

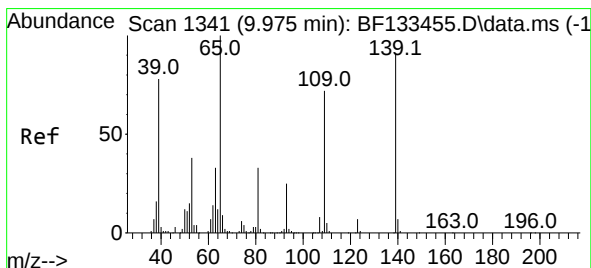
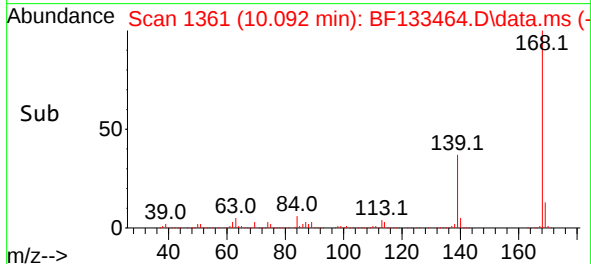
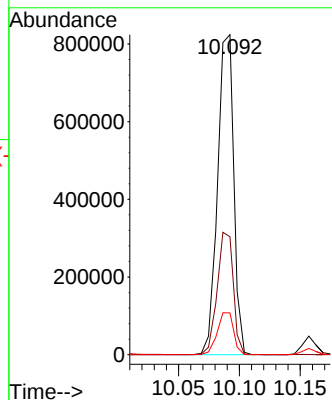
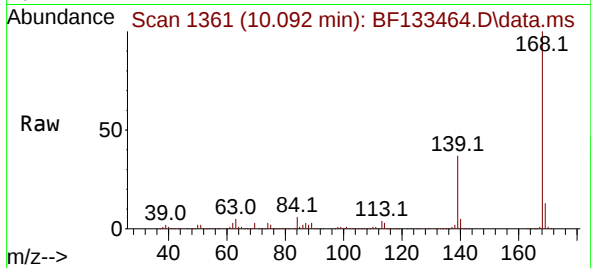




#55
 Dibenzofuran
 Concen: 40.016 ng
 RT: 10.092 min Scan# 1361
 Delta R.T. 0.006 min
 Lab File: BF133464.D
 Acq: 24 May 2023 11:41

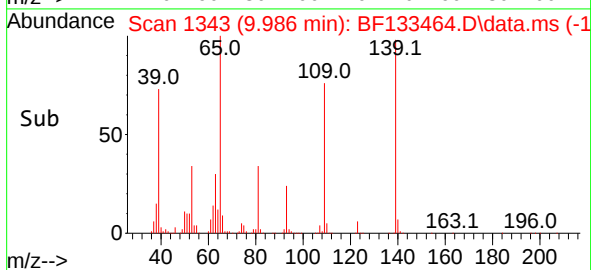
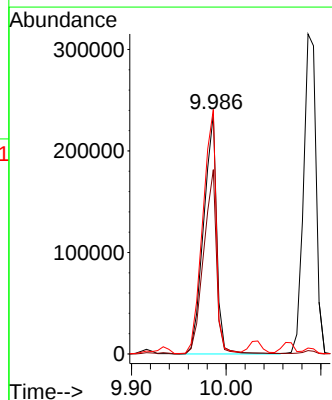
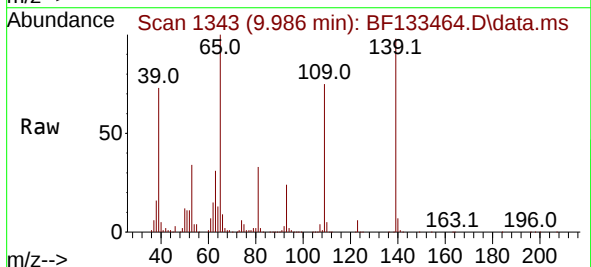
Instrument :
 BNA_F
 ClientSampleId :
 PB153000BS

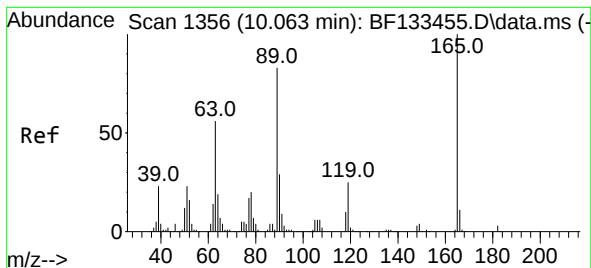
Tgt Ion:168 Resp: 764480
 Ion Ratio Lower Upper
 168 100
 139 36.9 31.0 46.6
 169 13.1 11.0 16.6



#56
 4-Nitrophenol
 Concen: 83.493 ng
 RT: 9.986 min Scan# 1343
 Delta R.T. 0.011 min
 Lab File: BF133464.D
 Acq: 24 May 2023 11:41

Tgt Ion:139 Resp: 227559
 Ion Ratio Lower Upper
 139 100
 109 76.9 59.5 99.5
 65 102.0 90.1 130.1

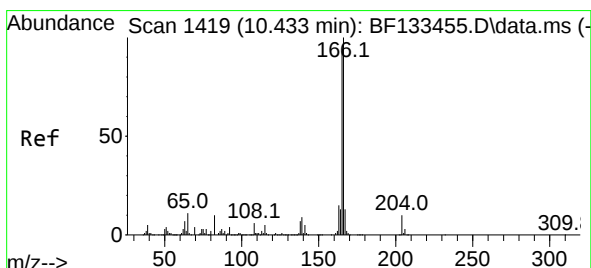
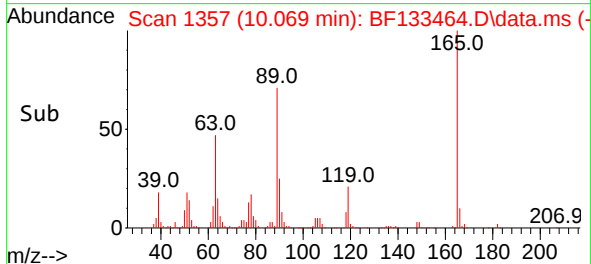
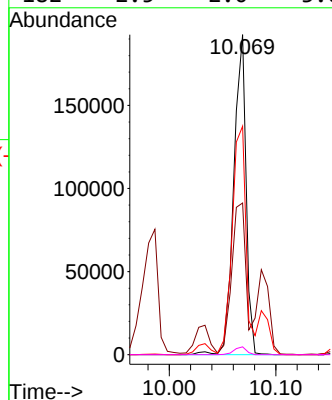
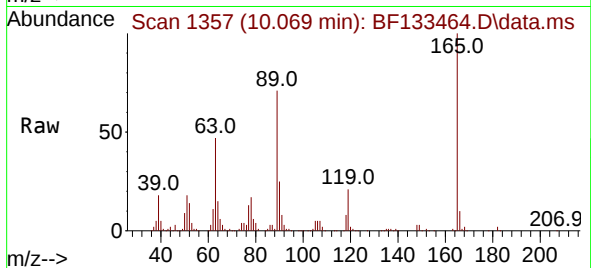




#57
2,4-Dinitrotoluene
Concen: 47.831 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

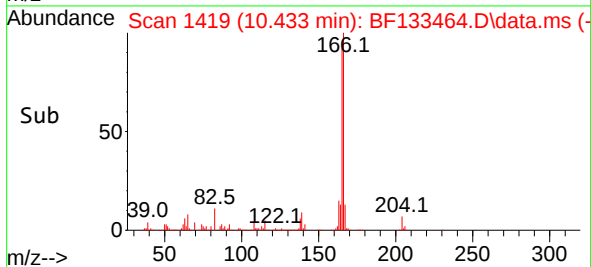
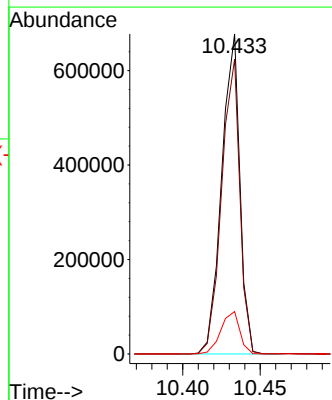
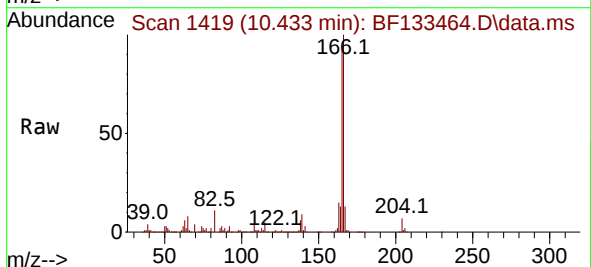
Instrument :
BNA_F
ClientSampleId :
PB153000BS

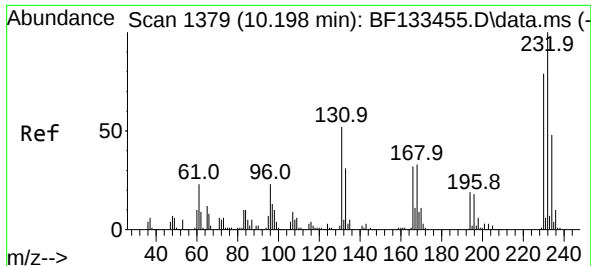
Tgt Ion:165 Resp: 155052
Ion Ratio Lower Upper
165 100
63 47.4 45.1 67.7
89 71.4 66.7 100.1
182 2.5 2.0 3.0



#58
Fluorene
Concen: 40.109 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:166 Resp: 553066
Ion Ratio Lower Upper
166 100
165 92.2 74.2 111.4
167 13.3 10.6 16.0

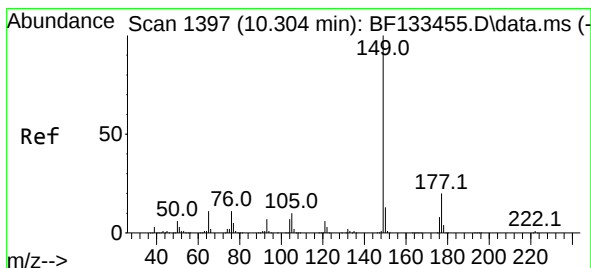
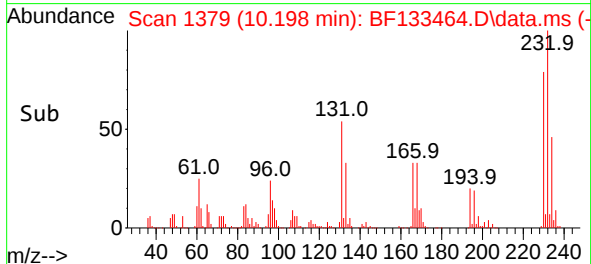
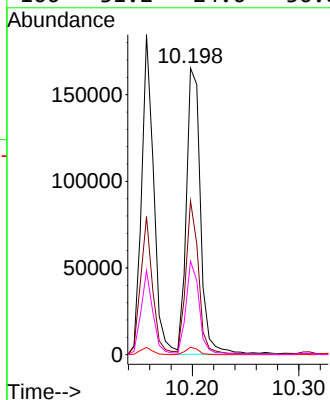
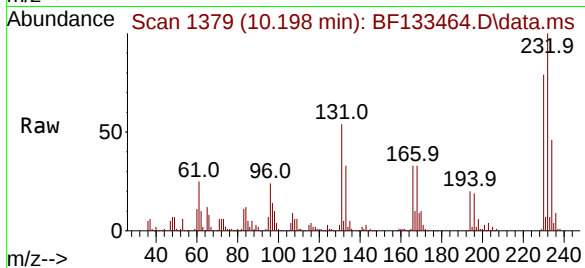




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.307 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

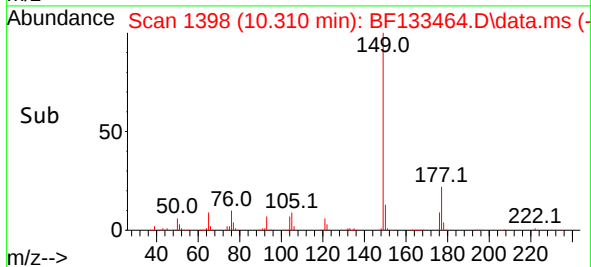
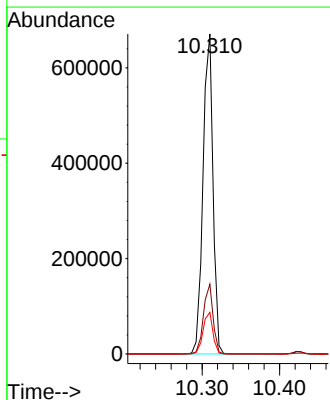
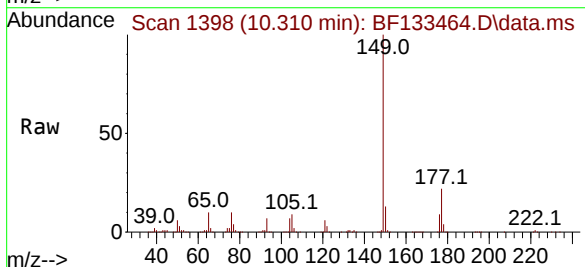
Instrument :
BNA_F
ClientSampleId :
PB153000BS

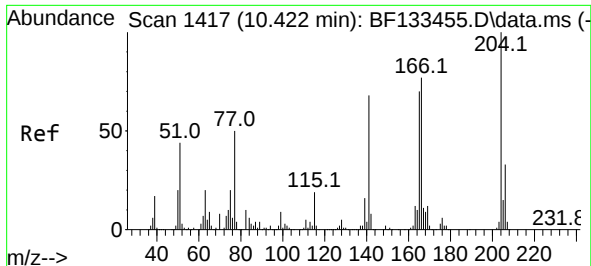
Tgt Ion:232 Resp: 151352
Ion Ratio Lower Upper
232 100
131 48.9 39.0 58.4
130 2.4 1.9 2.9
166 31.2 24.6 36.8



#60
Diethylphthalate
Concen: 41.559 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:149 Resp: 599949
Ion Ratio Lower Upper
149 100
177 21.8 16.3 24.5
150 13.0 10.2 15.4

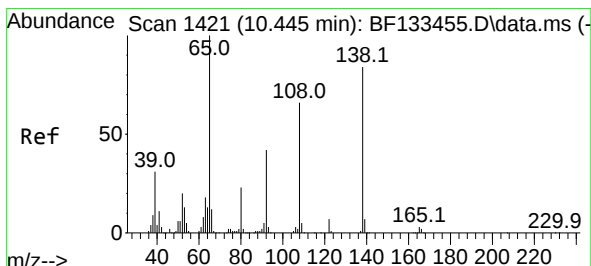
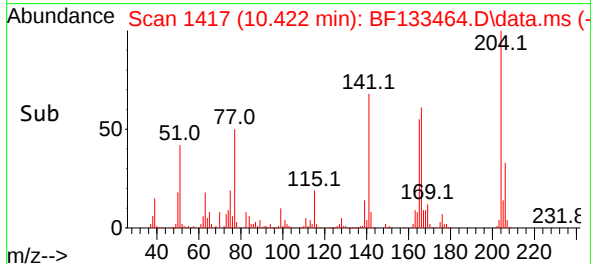
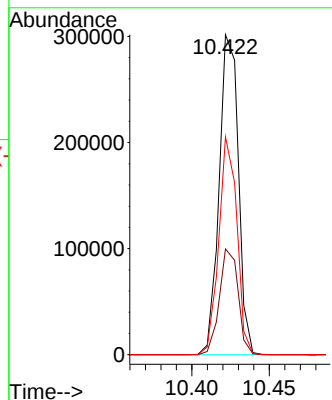
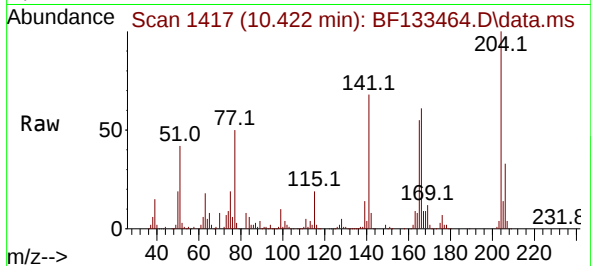




#61
4-Chlorophenyl-phenylether
Concen: 39.848 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

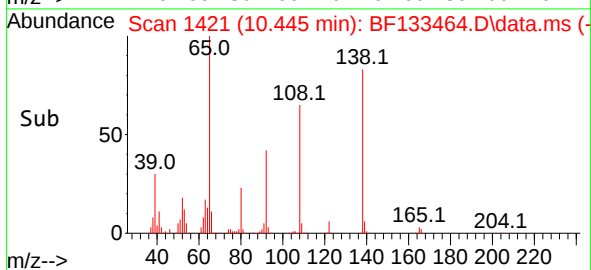
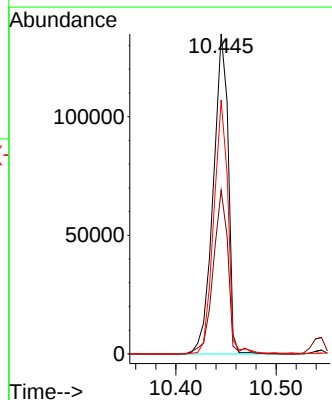
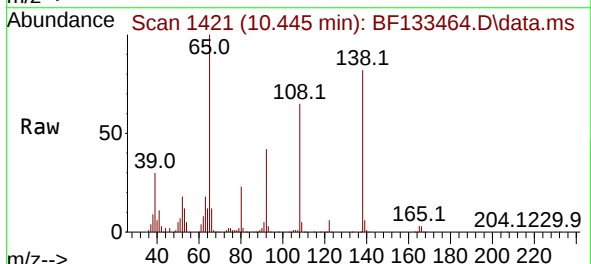
Instrument :
BNA_F
ClientSampleId :
PB153000BS

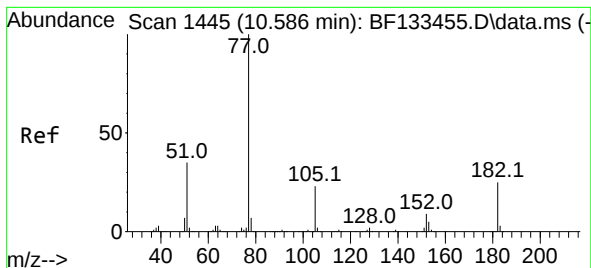
Tgt Ion:204 Resp: 259888
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 68.1 54.1 81.1



#62
4-Nitroaniline
Concen: 43.244 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:138 Resp: 139872
Ion Ratio Lower Upper
138 100
92 51.2 29.2 69.2
108 79.4 58.4 98.4





#63

Azobenzene

Concen: 40.707 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

Tgt Ion: 77 Resp: 607803

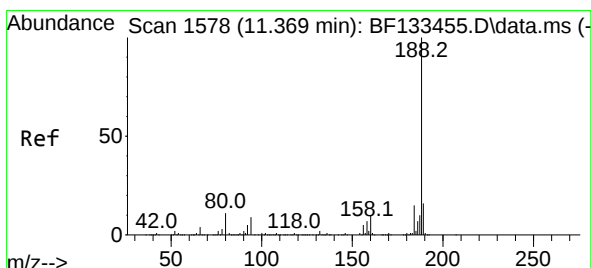
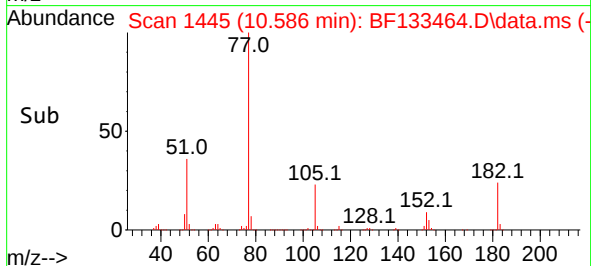
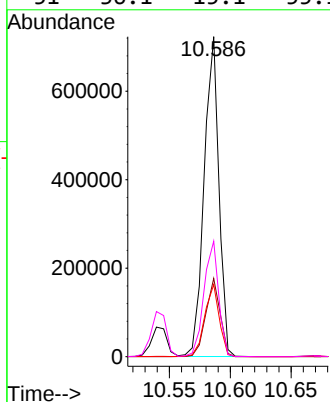
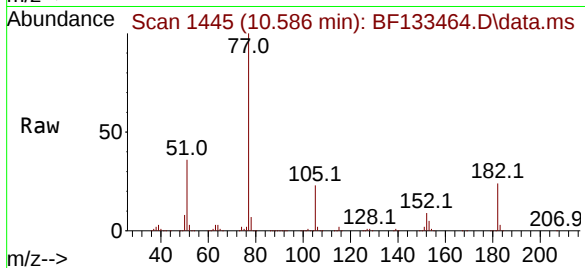
Ion Ratio Lower Upper

77 100

182 24.4 5.0 45.0

105 22.6 2.9 42.9

51 36.1 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

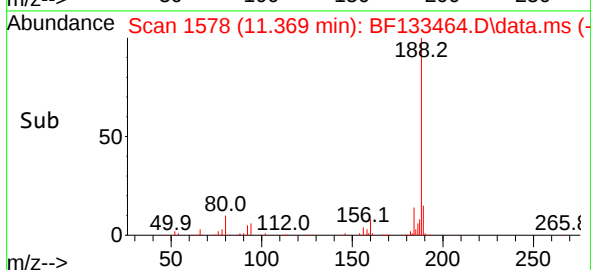
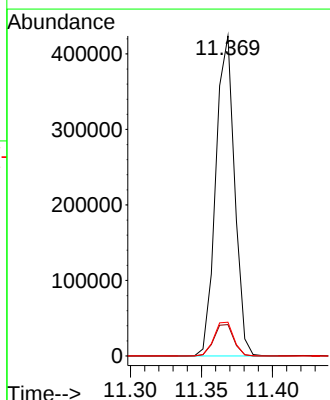
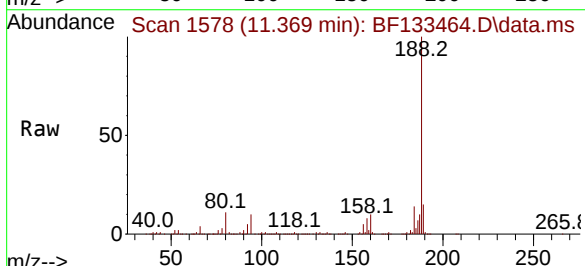
Tgt Ion: 188 Resp: 389699

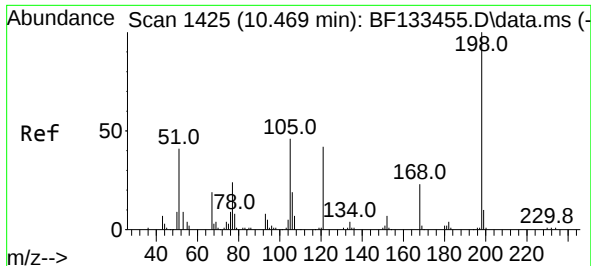
Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.5 8.7 13.1

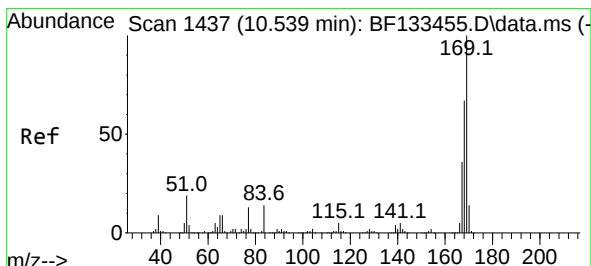
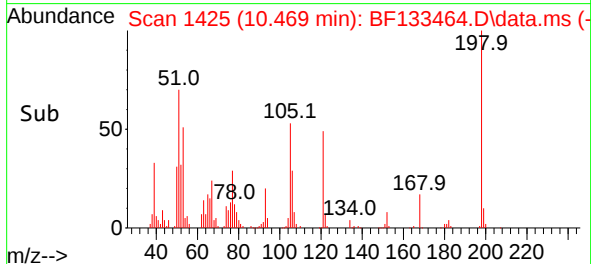
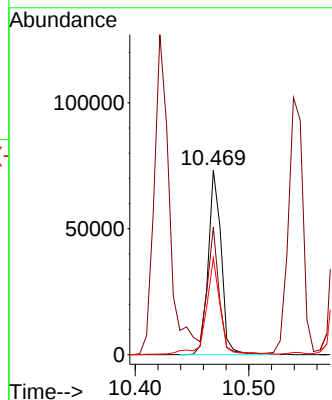
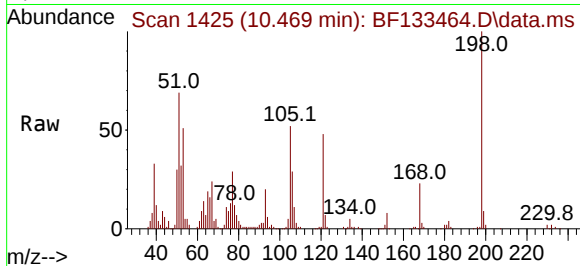




#65
4,6-Dinitro-2-methylphenol
Concen: 47.125 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

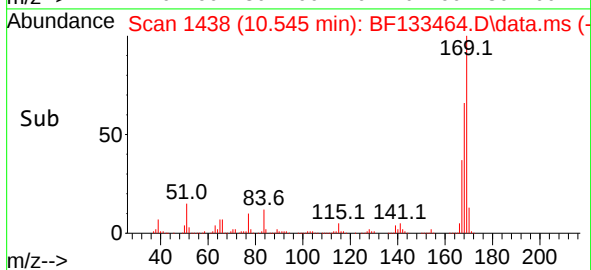
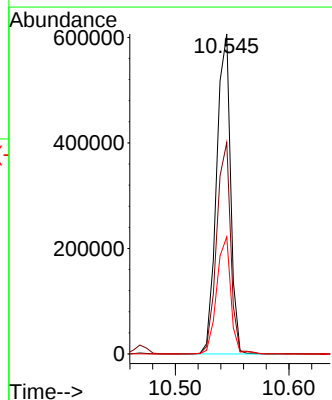
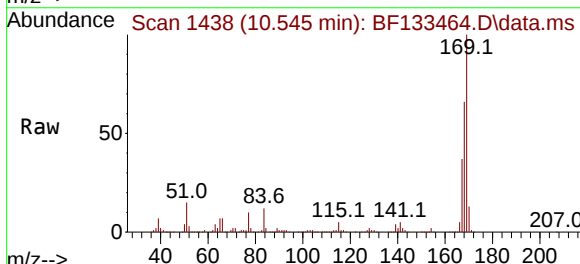
Instrument :
BNA_F
ClientSampleId :
PB153000BS

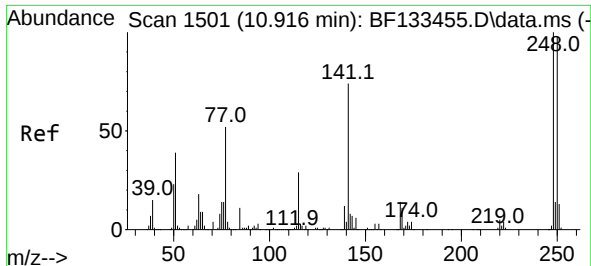
Tgt Ion:198 Resp: 58191
Ion Ratio Lower Upper
198 100
51 69.1 38.5 78.5
105 52.3 29.6 69.6



#66
n-Nitrosodiphenylamine
Concen: 40.360 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:169 Resp: 518599
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.6 29.2 43.8

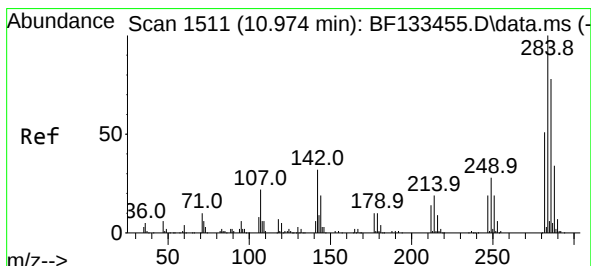
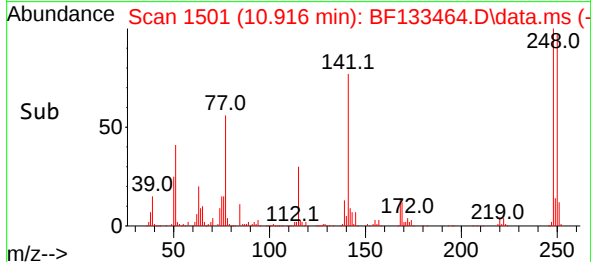
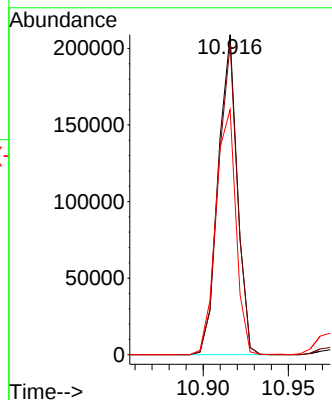
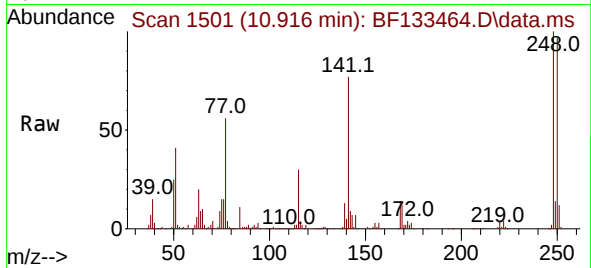




#67
4-Bromophenyl-phenylether
Concen: 39.931 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

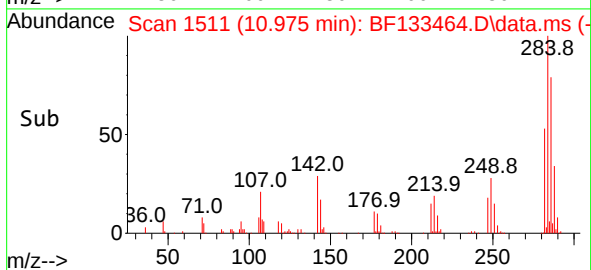
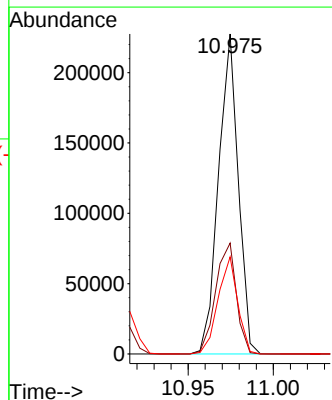
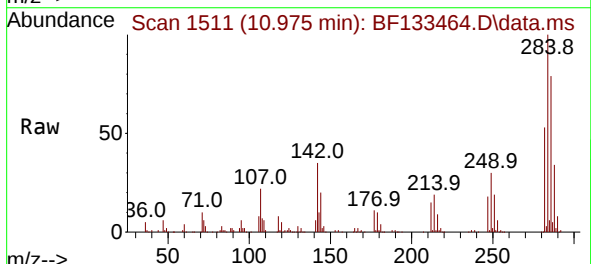
Instrument :
BNA_F
ClientSampleId :
PB153000BS

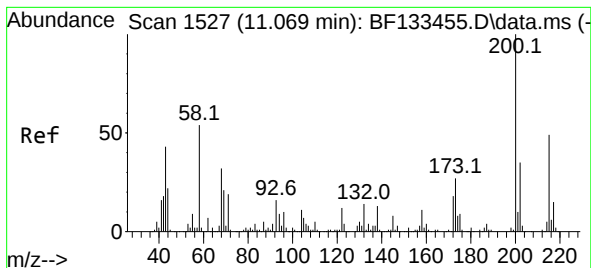
Tgt Ion:248 Resp: 163193
Ion Ratio Lower Upper
248 100
250 97.1 78.3 117.5
141 76.6 59.1 88.7



#68
Hexachlorobenzene
Concen: 42.748 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:284 Resp: 183326
Ion Ratio Lower Upper
284 100
142 34.6 25.2 37.8
249 30.3 22.6 34.0





#69

Atrazine

Concen: 48.989 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

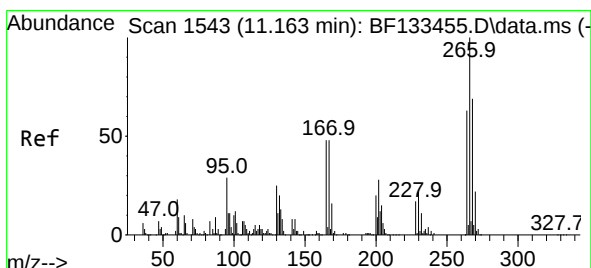
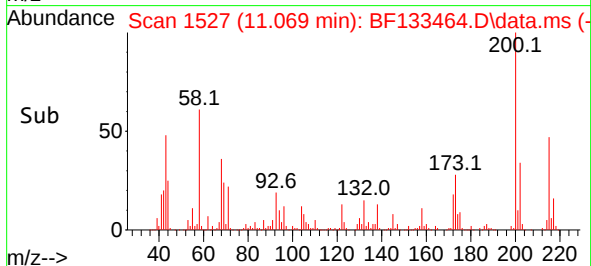
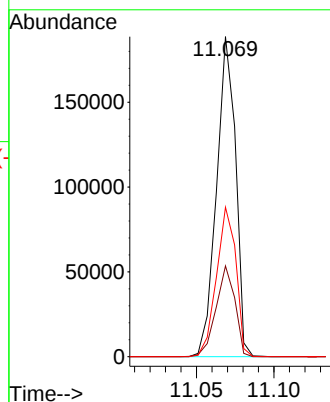
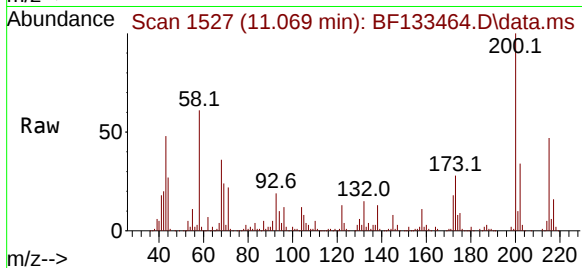
Tgt Ion:200 Resp: 161102

Ion Ratio Lower Upper

200 100

173 28.3 7.0 47.0

215 46.7 28.7 68.7



#70

Pentachlorophenol

Concen: 83.913 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

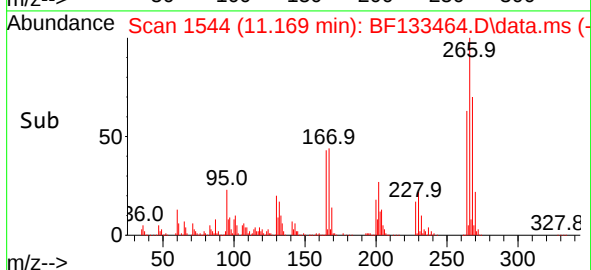
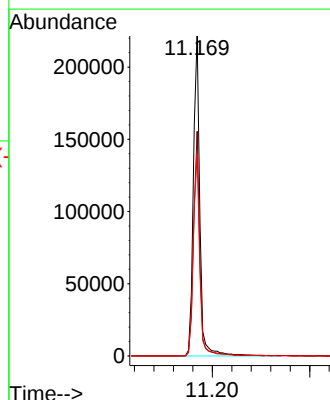
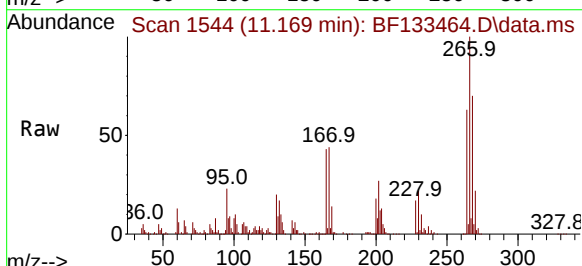
Tgt Ion:266 Resp: 204245

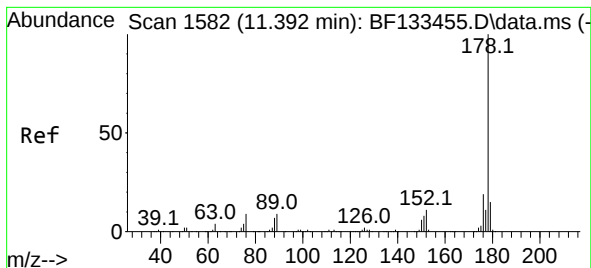
Ion Ratio Lower Upper

266 100

268 70.2 54.8 82.2

264 62.9 50.2 75.2





#71

Phenanthrene

Concen: 40.911 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

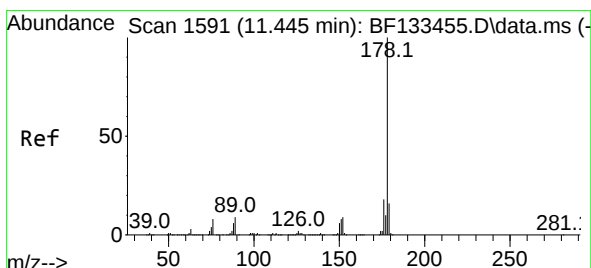
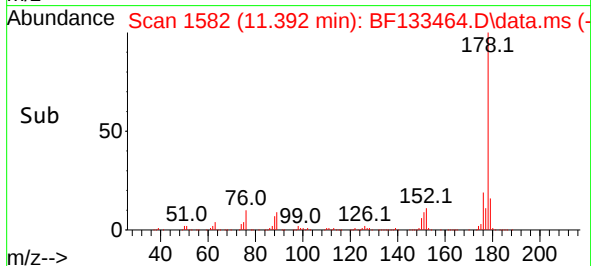
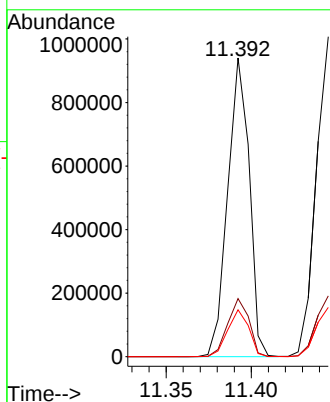
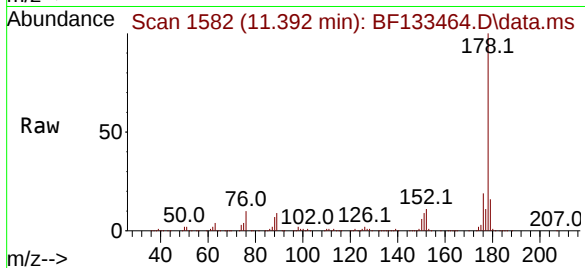
Tgt Ion:178 Resp: 825510

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.7 12.2 18.2



#72

Anthracene

Concen: 40.493 ng

RT: 11.445 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

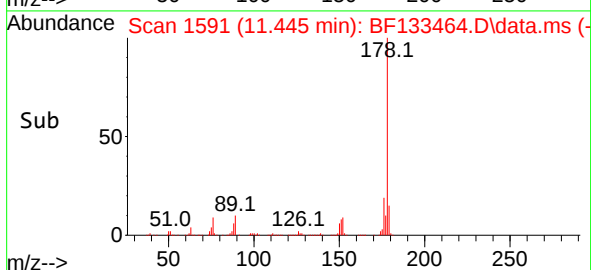
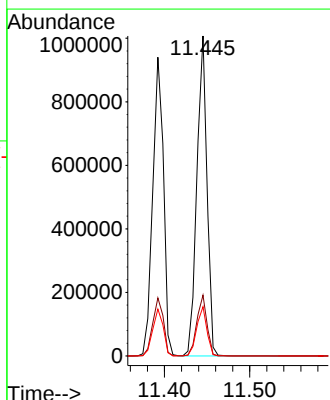
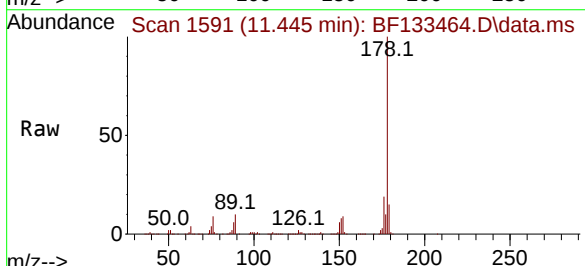
Tgt Ion:178 Resp: 833561

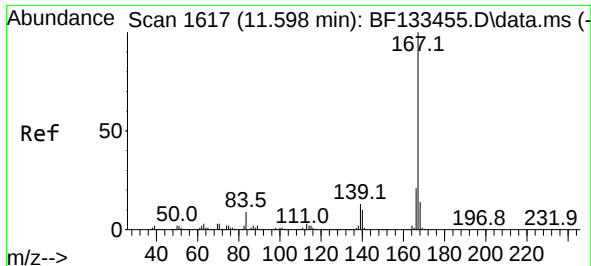
Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.4 12.4 18.6

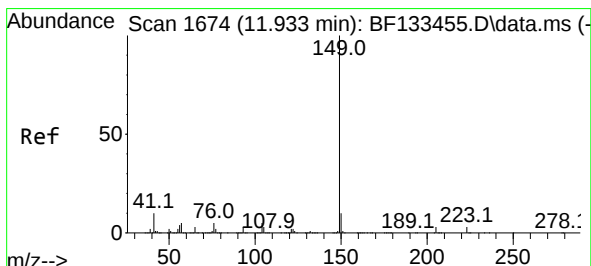
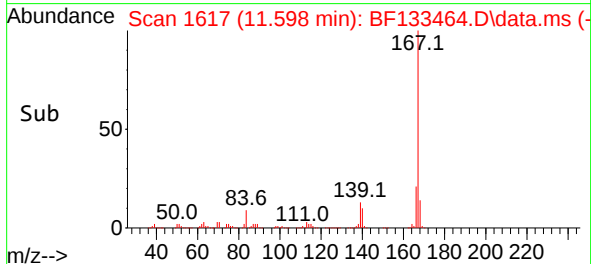
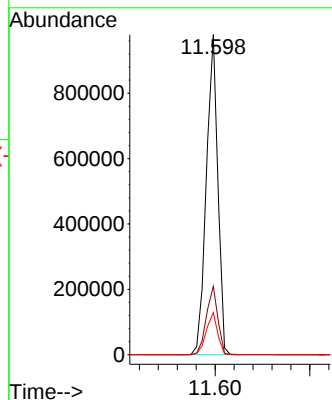
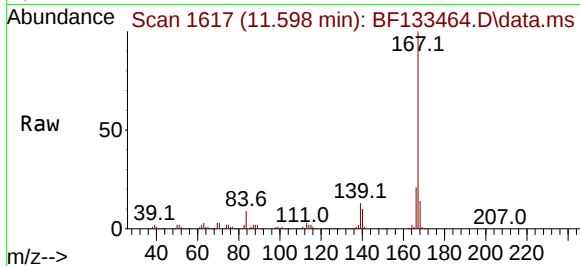




#73
 Carbazole
 Concen: 42.090 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133464.D
 Acq: 24 May 2023 11:41

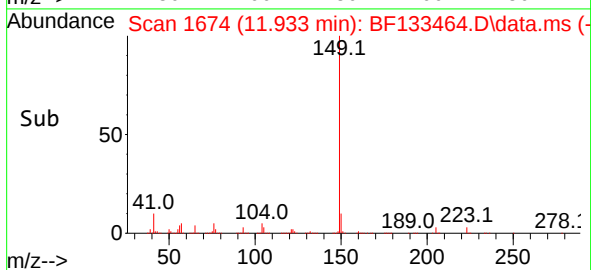
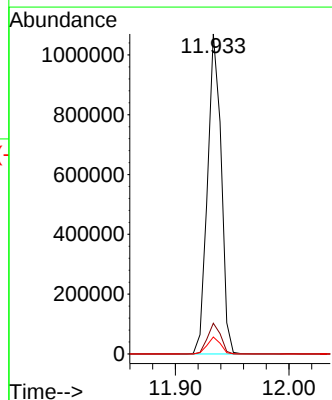
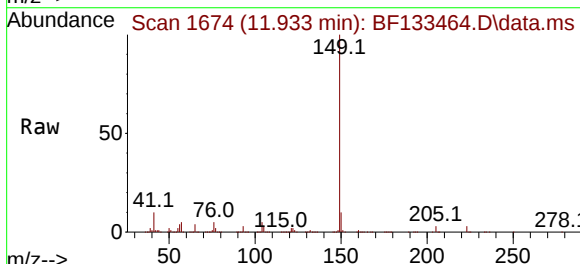
Instrument :
 BNA_F
 ClientSampleId :
 PB153000BS

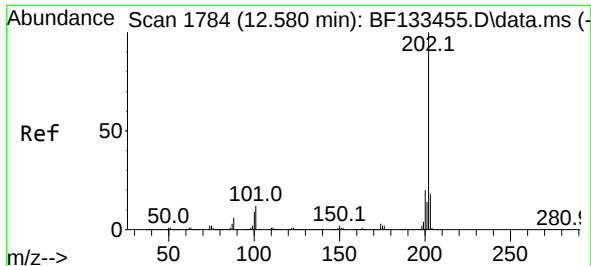
Tgt Ion:167 Resp: 820814
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 42.600 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF133464.D
 Acq: 24 May 2023 11:41

Tgt Ion:149 Resp: 891336
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.2 6.4

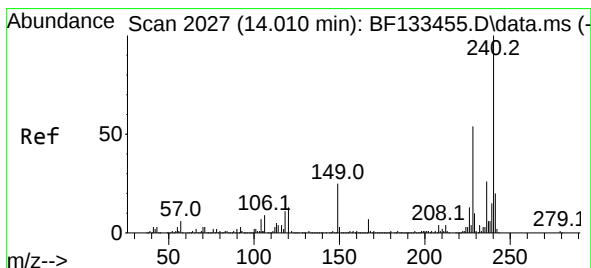
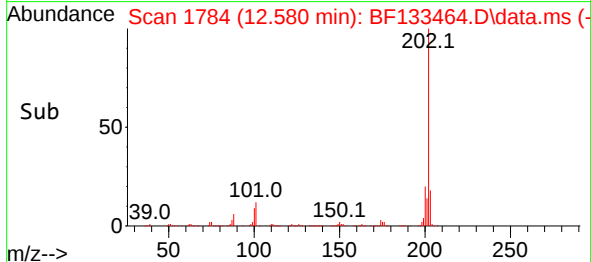
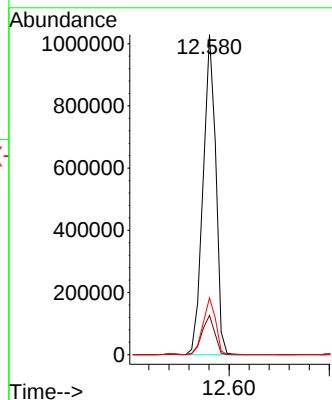
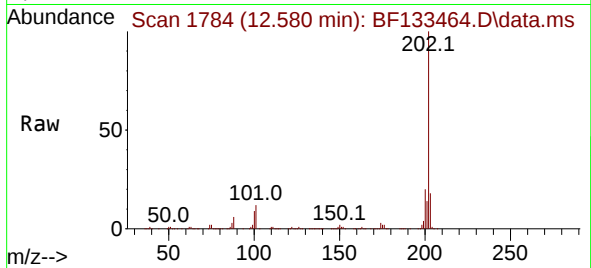




#75
Fluoranthene
Concen: 41.741 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

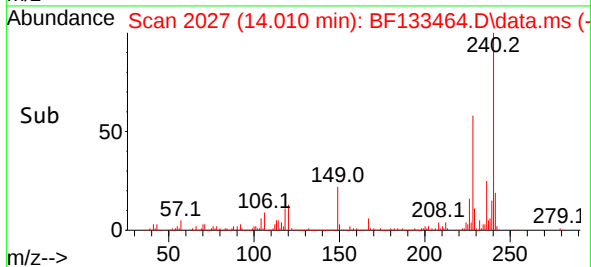
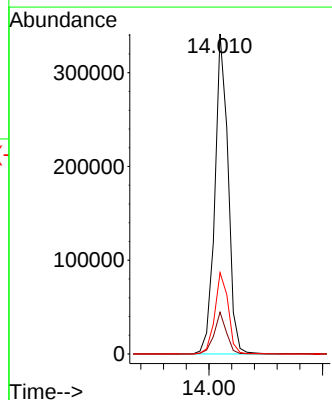
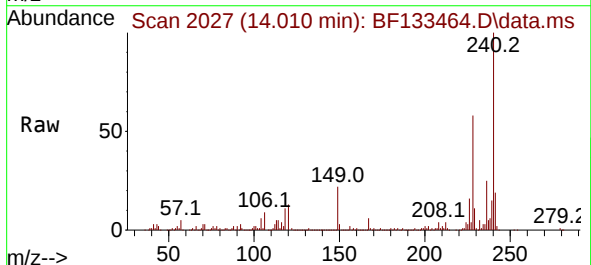
Instrument :
BNA_F
ClientSampleId :
PB153000BS

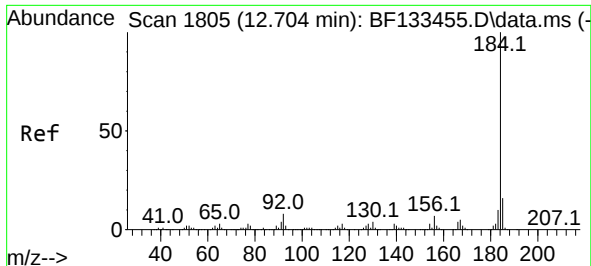
Tgt Ion:202 Resp: 906875
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.5
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:240 Resp: 276013
Ion Ratio Lower Upper
240 100
120 13.1 10.2 15.4
236 25.4 20.9 31.3

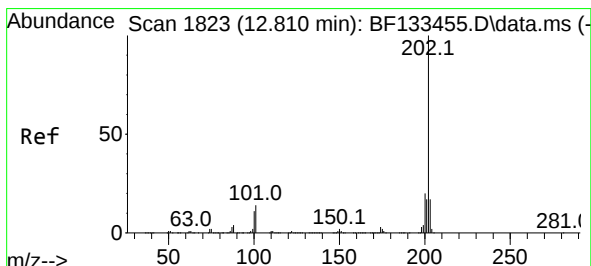
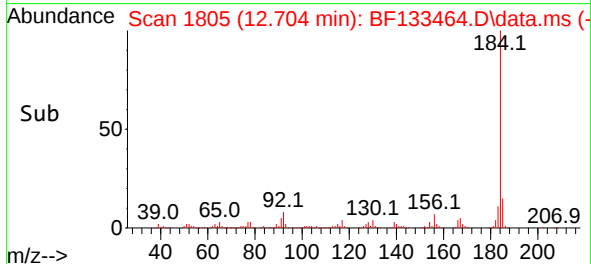
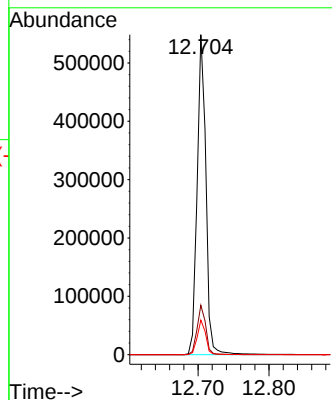
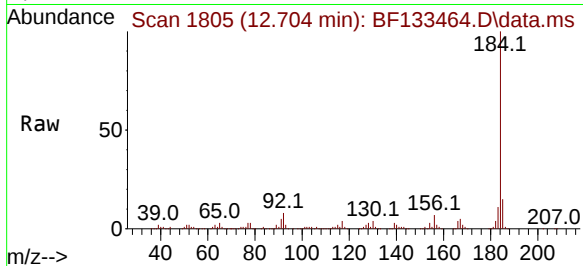




#77
Benzidine
Concen: 71.816 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

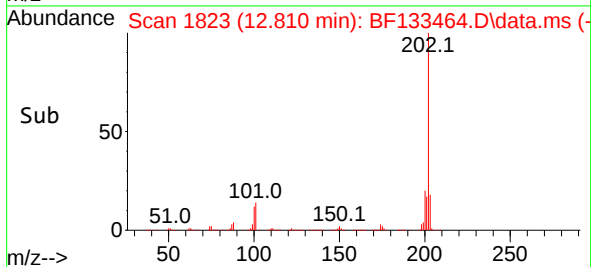
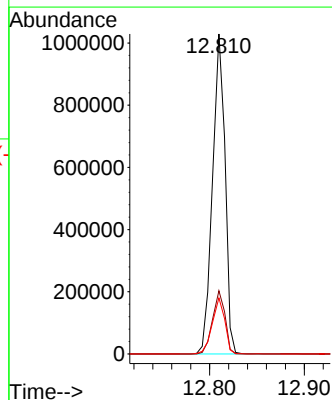
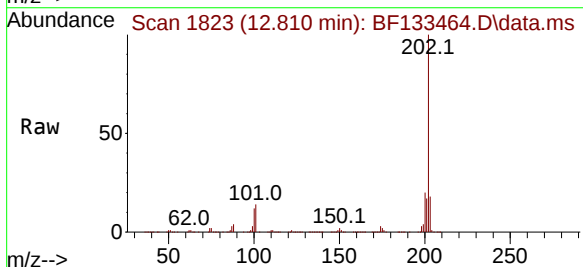
Instrument :
BNA_F
ClientSampleId :
PB153000BS

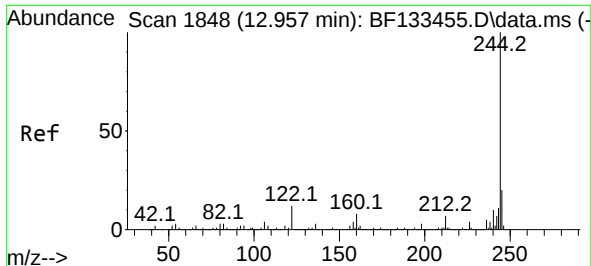
Tgt Ion:184 Resp: 472328
Ion Ratio Lower Upper
184 100
185 15.5 12.6 19.0
183 10.8 8.2 12.2



#78
Pyrene
Concen: 41.886 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:202 Resp: 942379
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.5 13.9 20.9

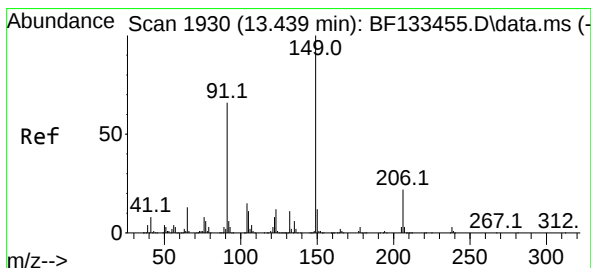
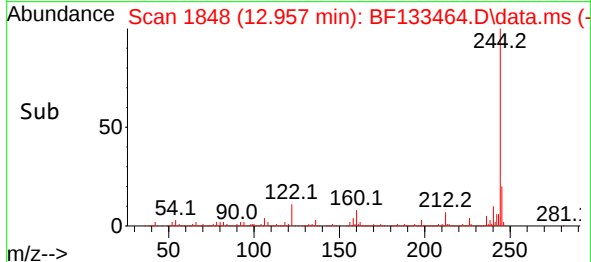
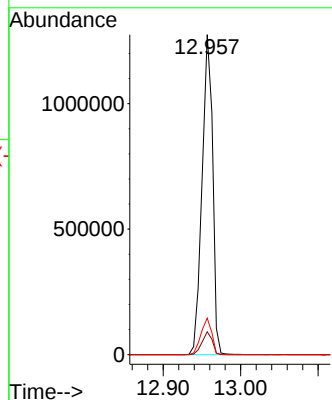
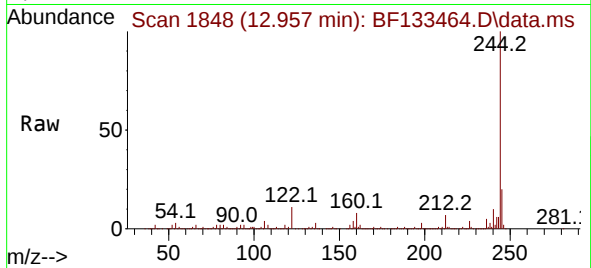




#79
 Terphenyl-d14
 Concen: 83.886 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133464.D
 Acq: 24 May 2023 11:41

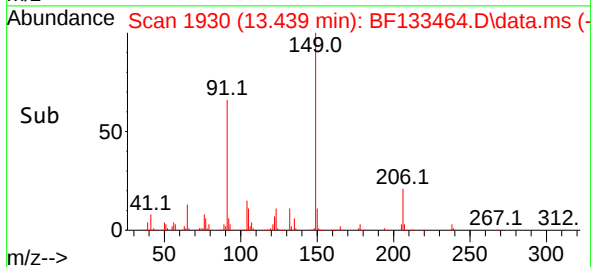
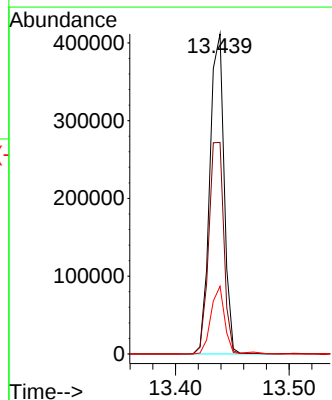
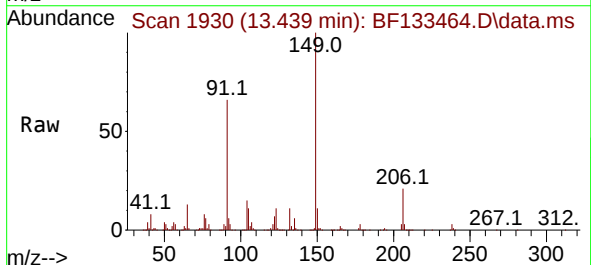
Instrument :
 BNA_F
 ClientSampleId :
 PB153000BS

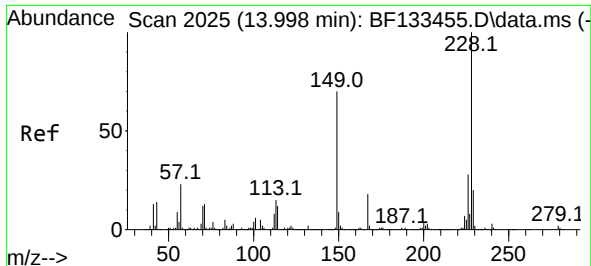
Tgt Ion:244 Resp: 1211015
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.4 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 42.802 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF133464.D
 Acq: 24 May 2023 11:41

Tgt Ion:149 Resp: 358745
 Ion Ratio Lower Upper
 149 100
 91 66.1 53.1 79.7
 206 21.1 17.4 26.0

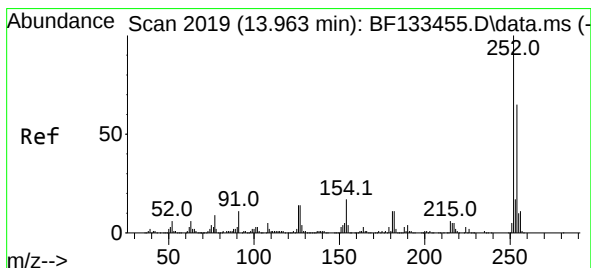
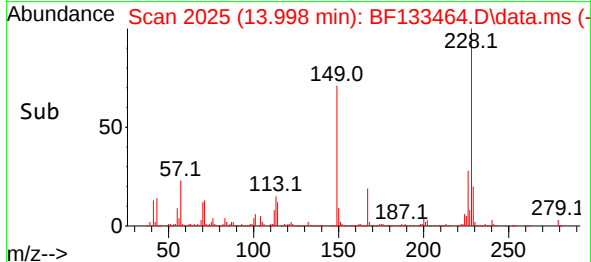
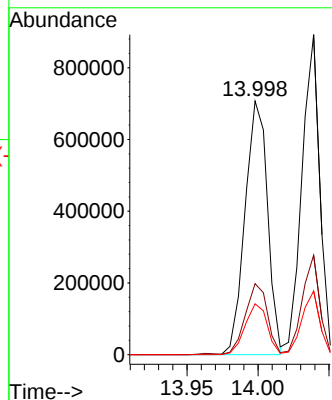
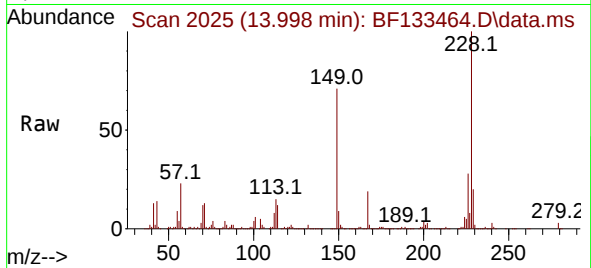




#81
Benzo(a)anthracene
Concen: 41.623 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

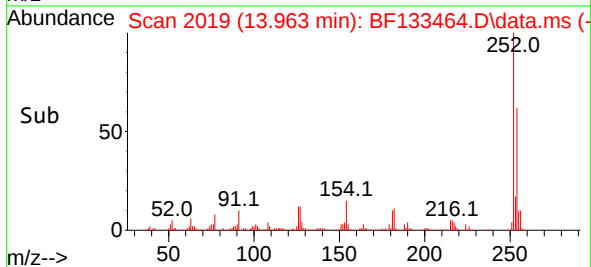
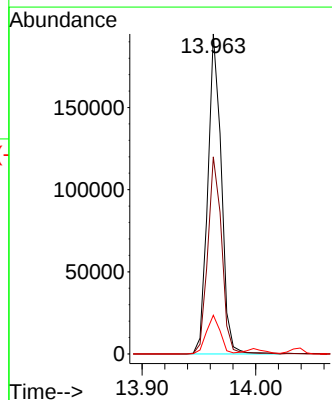
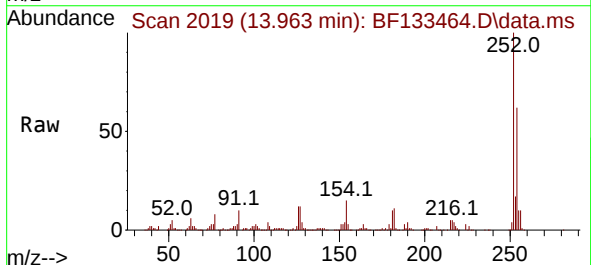
Instrument :
BNA_F
ClientSampleId :
PB153000BS

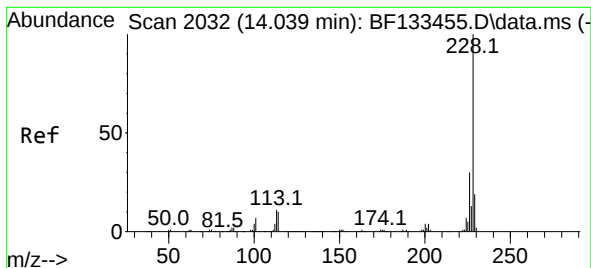
Tgt Ion:228 Resp: 779897
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.0 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.275 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:252 Resp: 160979
Ion Ratio Lower Upper
252 100
254 61.6 51.8 77.6
126 12.1 11.0 16.6





#83

Chrysene

Concen: 41.090 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

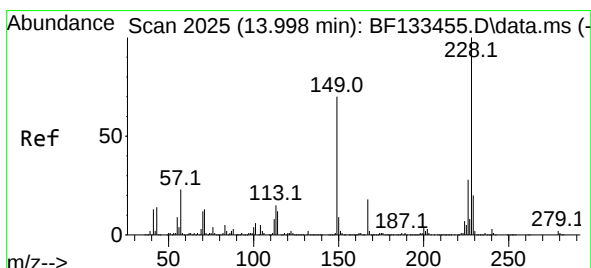
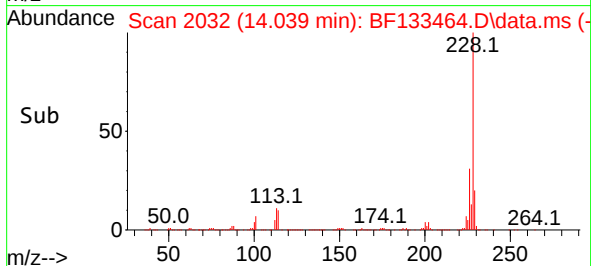
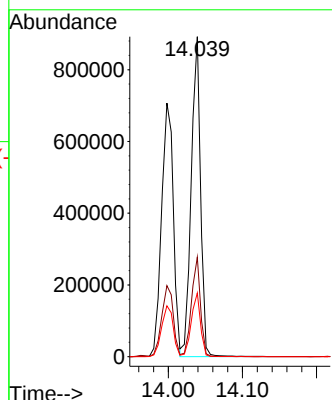
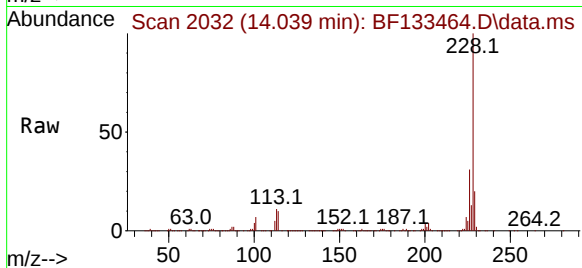
Tgt Ion:228 Resp: 781745

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 19.9 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.943 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

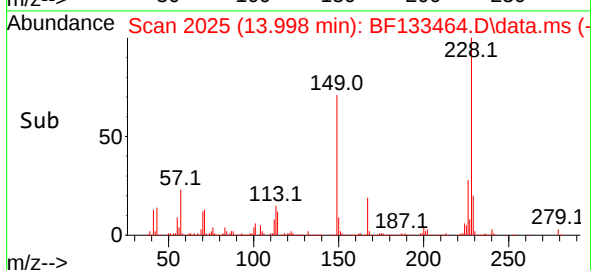
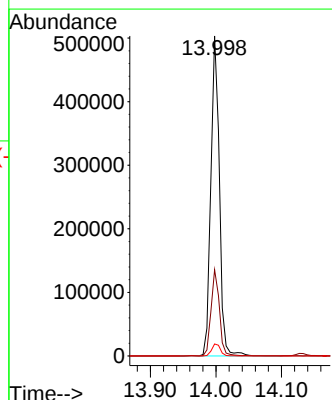
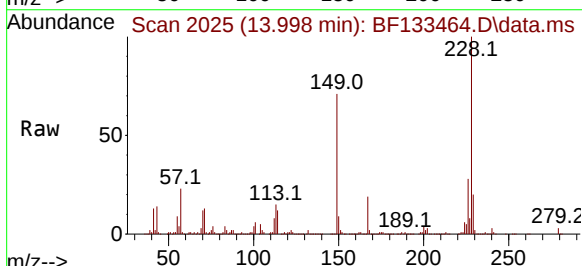
Tgt Ion:149 Resp: 456361

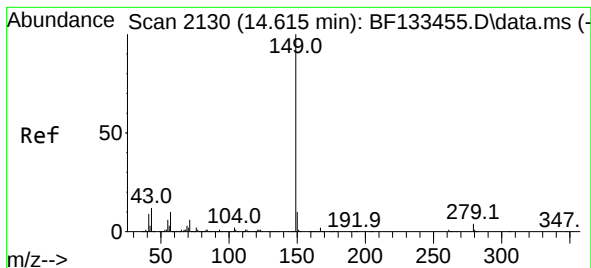
Ion Ratio Lower Upper

149 100

167 27.0 20.8 31.2

279 3.7 2.8 4.2

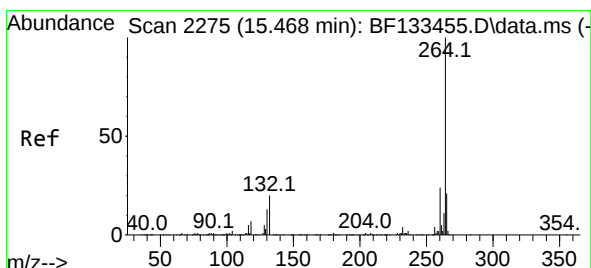
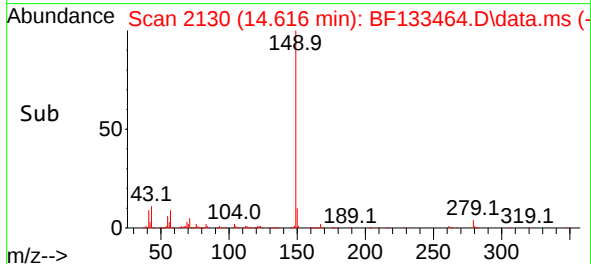
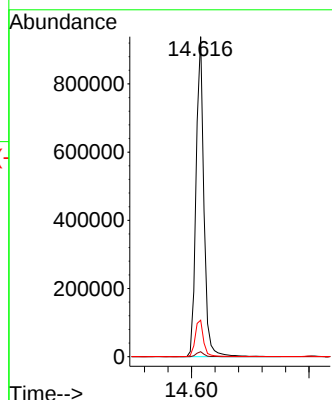
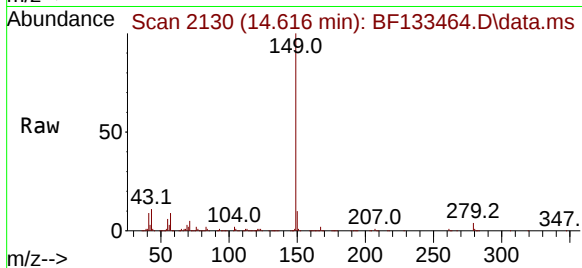




#85
Di-n-octyl phthalate
Concen: 47.022 ng
RT: 14.616 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

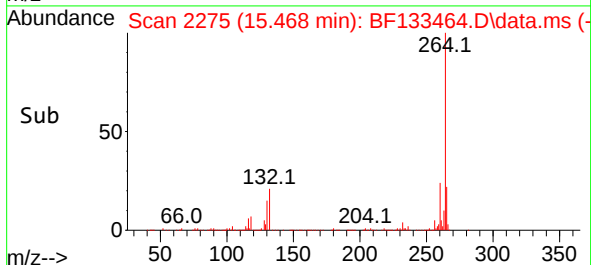
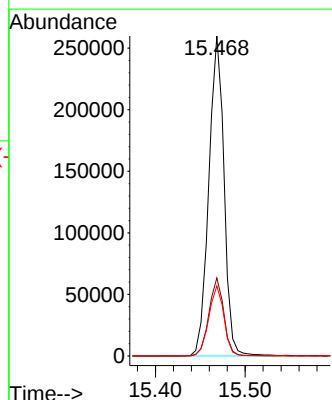
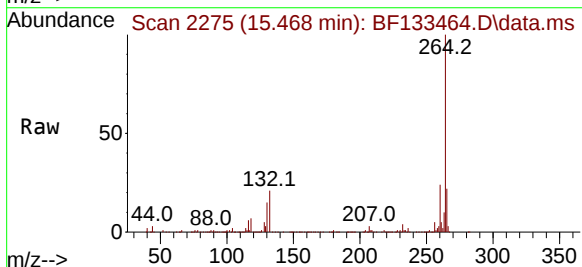
Instrument :
BNA_F
ClientSampleId :
PB153000BS

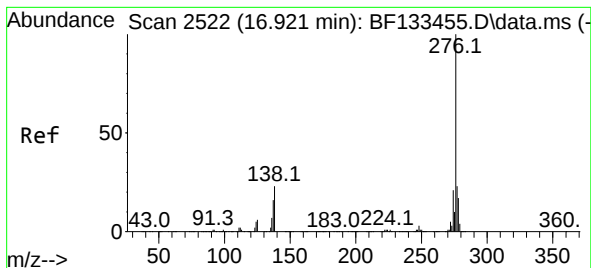
Tgt Ion:149 Resp: 868635
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.3 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:264 Resp: 305892
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.509 ng

RT: 16.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

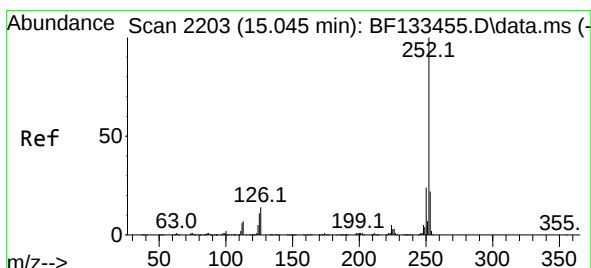
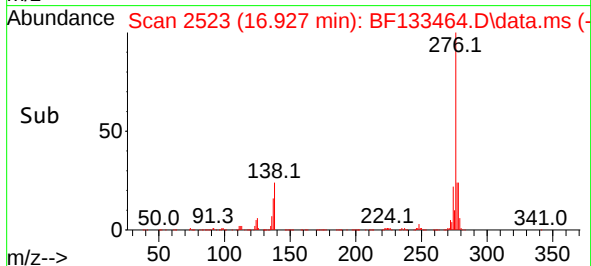
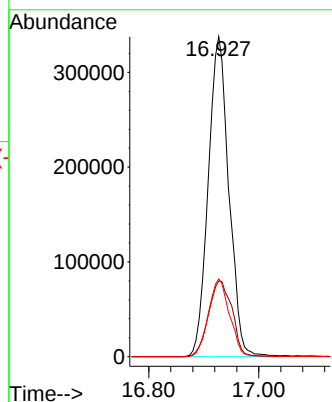
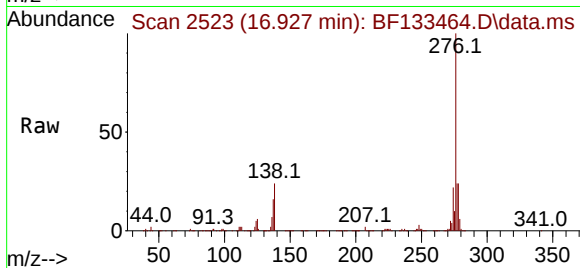
Tgt Ion:276 Resp: 880713

Ion Ratio Lower Upper

276 100

138 27.1 21.8 32.8

277 25.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 45.628 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

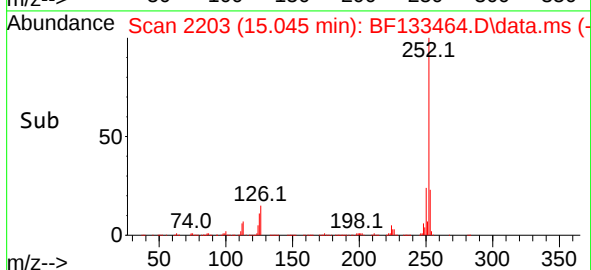
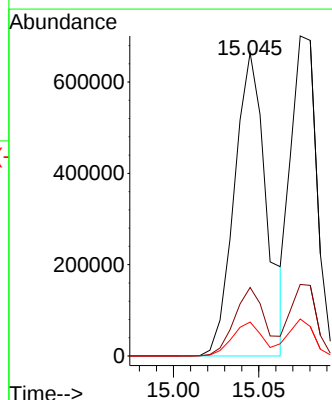
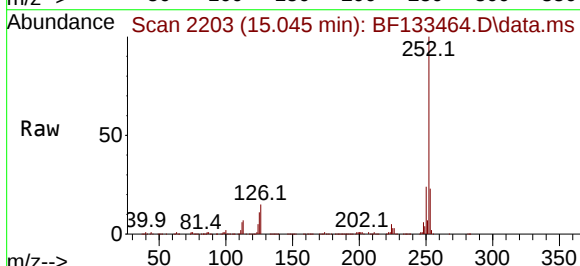
Tgt Ion:252 Resp: 867447

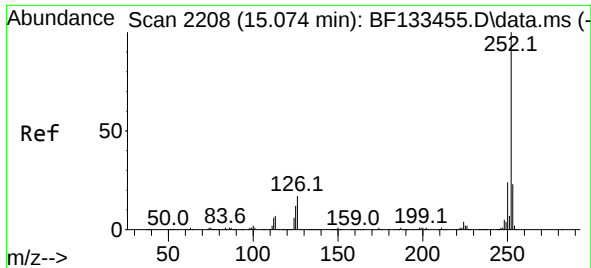
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 11.2 8.6 12.8

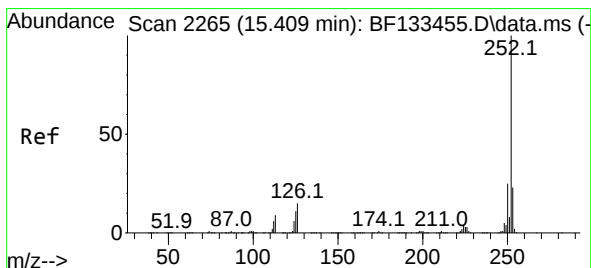
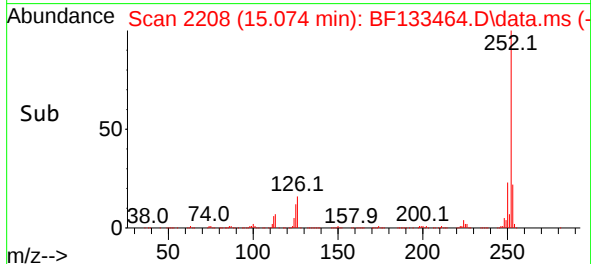
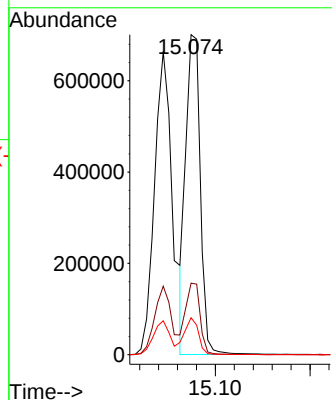
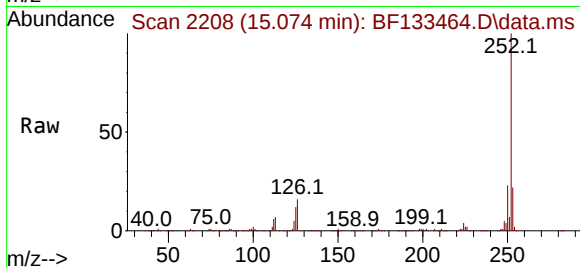




#89
Benzo(k)fluoranthene
Concen: 40.416 ng
RT: 15.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

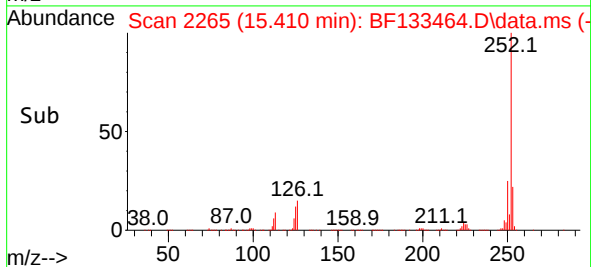
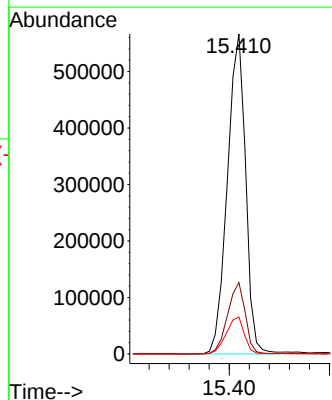
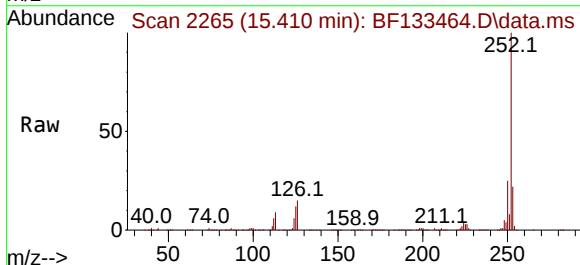
Instrument :
BNA_F
ClientSampleId :
PB153000BS

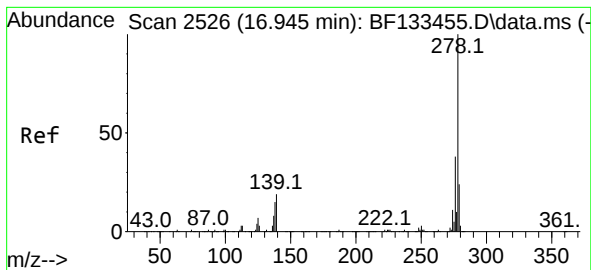
Tgt Ion:252 Resp: 746686
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.5 9.0 13.4



#90
Benzo(a)pyrene
Concen: 39.977 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF133464.D
Acq: 24 May 2023 11:41

Tgt Ion:252 Resp: 716082
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.6 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 42.537 ng

RT: 16.951 min Scan# 2527

Delta R.T. 0.006 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB153000BS

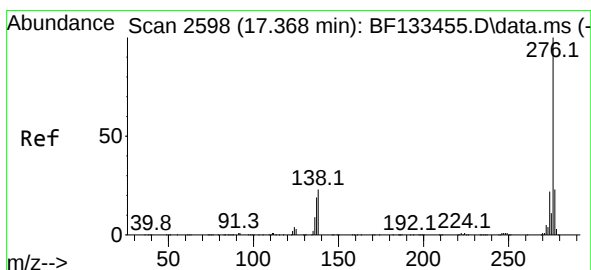
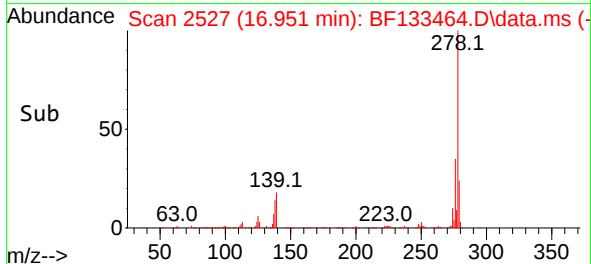
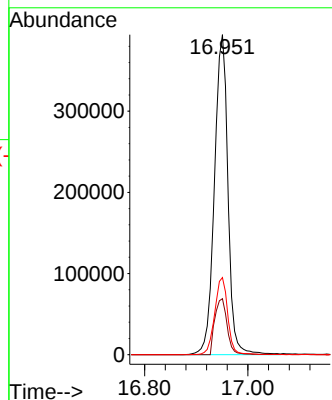
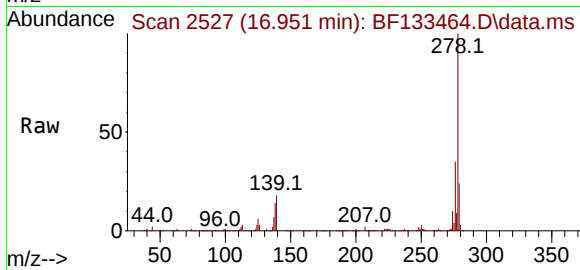
Tgt Ion:278 Resp: 717775

Ion Ratio Lower Upper

278 100

139 17.5 15.4 23.0

279 24.1 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 42.355 ng

RT: 17.368 min Scan# 2598

Delta R.T. 0.000 min

Lab File: BF133464.D

Acq: 24 May 2023 11:41

Tgt Ion:276 Resp: 721969

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 24.6 18.5 27.7

