

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133411.D
 Acq On : 17 May 2023 14:04
 Operator : CG\JU
 Sample : PB152566BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152566BS

Quant Time: May 17 14:24:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	264506	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1040237	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	534460	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	947490	20.000	ng	0.00
76) Chrysene-d12	13.880	240	569254	20.000	ng	0.00
86) Perylene-d12	15.298	264	556549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1629315	93.051	ng	0.00
7) Phenol-d6	6.369	99	1961079	90.233	ng	0.00
23) Nitrobenzene-d5	7.286	82	1198093	62.168	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	503681	93.708	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2082923	65.201	ng	0.00
79) Terphenyl-d14	12.827	244	2180825	66.072	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	310635	38.247	ng	95
3) Pyridine	3.163	79	741316	34.366	ng	96
4) n-Nitrosodimethylamine	3.128	42	379355	33.952	ng	92
6) Aniline	6.381	93	879882	31.433	ng	# 30
8) 2-Chlorophenol	6.504	128	740625	41.659	ng	96
9) Benzaldehyde	6.263	77	399823	39.811	ng	96
10) Phenol	6.381	94	873249	36.422	ng	# 70
11) bis(2-Chloroethyl)ether	6.457	93	697686	38.778	ng	97
12) 1,3-Dichlorobenzene	6.657	146	782058	41.375	ng	98
13) 1,4-Dichlorobenzene	6.734	146	785350	41.458	ng	98
14) 1,2-Dichlorobenzene	6.887	146	733262	41.986	ng	97
15) Benzyl Alcohol	6.869	79	554310	36.923	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1093275	34.985	ng	85
17) 2-Methylphenol	6.987	107	605867	37.217	ng	96
18) Hexachloroethane	7.228	117	273698	41.557	ng	99
19) n-Nitroso-di-n-propyla...	7.139	70	471440	34.843	ng	93
20) 3+4-Methylphenols	7.139	107	741854	38.696	ng	# 78
22) Acetophenone	7.128	105	999969	41.498	ng	# 92
24) Nitrobenzene	7.304	77	741596	37.975	ng	99
25) Isophorone	7.545	82	1412504	38.603	ng	99
26) 2-Nitrophenol	7.622	139	423481	44.959	ng	92
27) 2,4-Dimethylphenol	7.669	122	670646	41.522	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	852511	39.383	ng	99
29) 2,4-Dichlorophenol	7.869	162	621149	42.245	ng	99
30) 1,2,4-Trichlorobenzene	7.945	180	646060	42.413	ng	99
31) Naphthalene	8.028	128	2070357	39.808	ng	100
32) Benzoic acid	7.816	122	378533	37.942	ng	92
33) 4-Chloroaniline	8.075	127	669240	31.848	ng	99
34) Hexachlorobutadiene	8.145	225	348176	41.240	ng	100
35) Caprolactam	8.457	113	238150m	48.214	ng	
36) 4-Chloro-3-methylphenol	8.569	107	649261	40.948	ng	98
37) 2-Methylnaphthalene	8.716	142	1363537	38.348	ng	99
38) 1-Methylnaphthalene	8.816	142	1271114	38.214	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	581847	40.490	ng	99
41) Hexachlorocyclopentadiene	8.869	237	632730	75.498	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	398718	40.121	ng	99

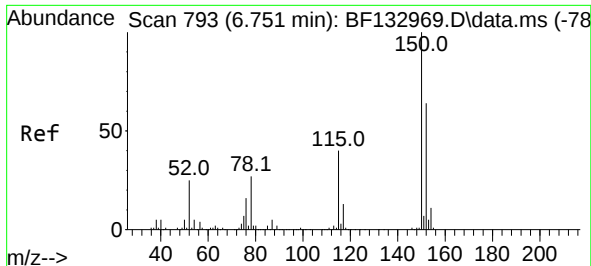
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	435409	37.883	ng	98
46) 1,1'-Biphenyl	9.180	154	1683064	39.713	ng	99
47) 2-Chloronaphthalene	9.204	162	1271958	41.005	ng	100
48) 2-Nitroaniline	9.304	65	392407	38.277	ng	97
49) Acenaphthylene	9.622	152	1933455	39.009	ng	99
50) Dimethylphthalate	9.486	163	1490445	39.994	ng	99
51) 2,6-Dinitrotoluene	9.551	165	345104	41.144	ng	# 80
52) Acenaphthene	9.792	154	1200573	36.166	ng	99
53) 3-Nitroaniline	9.716	138	310659	31.149	ng	97
54) 2,4-Dinitrophenol	9.828	184	340870	80.849	ng	97
55) Dibenzofuran	9.963	168	1697065	37.477	ng	98
56) 4-Nitrophenol	9.898	139	521687	67.537	ng	98
57) 2,4-Dinitrotoluene	9.957	165	431750	40.363	ng	90
58) Fluorene	10.304	166	1291497	38.929	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	348289	39.088	ng	97
60) Diethylphthalate	10.186	149	1351287	38.388	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	625359	38.681	ng	99
62) 4-Nitroaniline	10.333	138	383573	41.845	ng	97
63) Azobenzene	10.457	77	1361083	36.500	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	249582	43.459	ng	99
66) n-Nitrosodiphenylamine	10.422	169	1182803	38.485	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	398682	38.797	ng	98
68) Hexachlorobenzene	10.857	284	434115	41.227	ng	100
69) Atrazine	10.951	200	403246	45.534	ng	98
70) Pentachlorophenol	11.057	266	505262	67.375	ng	97
71) Phenanthrene	11.269	178	1920420	37.711	ng	100
72) Anthracene	11.316	178	2001089	38.397	ng	99
73) Carbazole	11.474	167	1791112	38.597	ng	99
74) Di-n-butylphthalate	11.804	149	2114665	40.268	ng	100
75) Fluoranthene	12.451	202	1921054	37.588	ng	99
77) Benzidine	12.574	184	1121532	116.506	ng	# 93
78) Pyrene	12.680	202	1969075	40.351	ng	98
80) Butylbenzylphthalate	13.304	149	845890	48.957	ng	98
81) Benzo(a)anthracene	13.868	228	1442288	36.844	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	361610	33.439	ng	99
83) Chrysene	13.910	228	1429432	36.525	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	966103	44.547	ng	99
85) Di-n-octyl phthalate	14.474	149	1555735	43.994	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1377139	43.501	ng	100
88) Benzo(b)fluoranthene	14.898	252	1344893	37.984	ng	99
89) Benzo(k)fluoranthene	14.927	252	1234304	35.167	ng	99
90) Benzo(a)pyrene	15.245	252	1122659	34.835	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1137412	43.077	ng	100
92) Benzo(g,h,i)perylene	17.104	276	1163661	44.640	ng	99

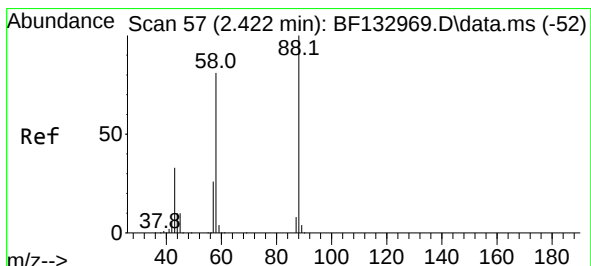
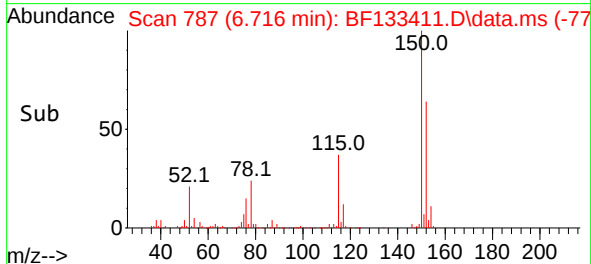
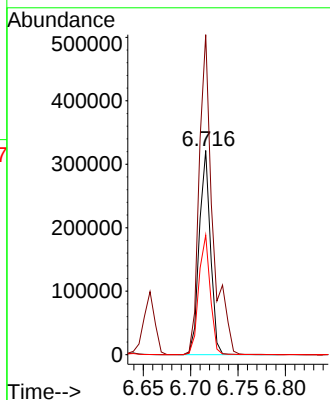
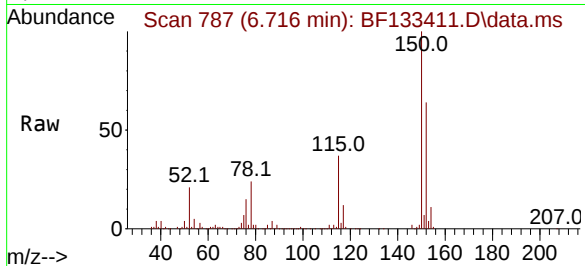
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

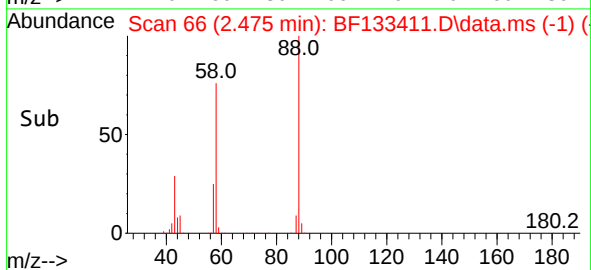
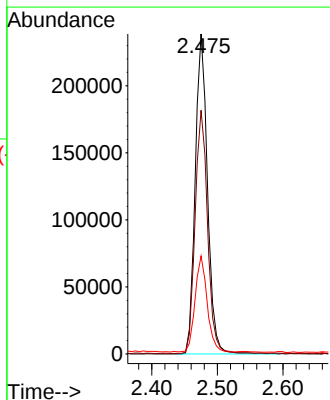
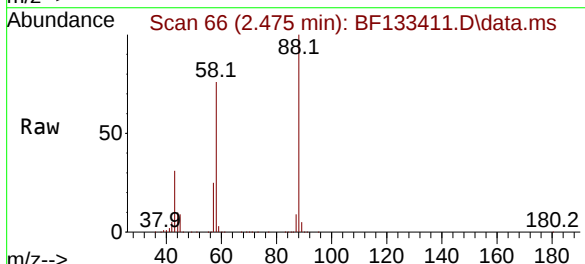
Instrument :
 BNA_F
 ClientSampleId :
 PB152566BS

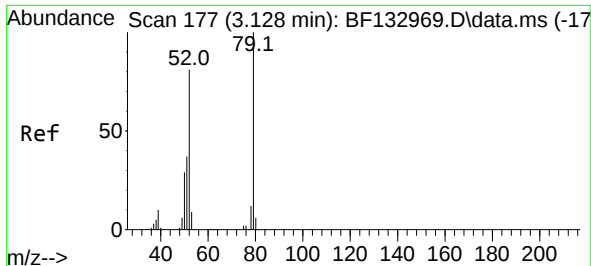
Tgt Ion:152 Resp: 264506
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.8 187.2
 115 58.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 38.247 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.106 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

Tgt Ion: 88 Resp: 310635
 Ion Ratio Lower Upper
 88 100
 58 76.8 64.7 97.1
 43 29.8 26.2 39.2





#3

Pyridine

Concen: 34.366 ng

RT: 3.163 min Scan# 11

Delta R.T. 0.100 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

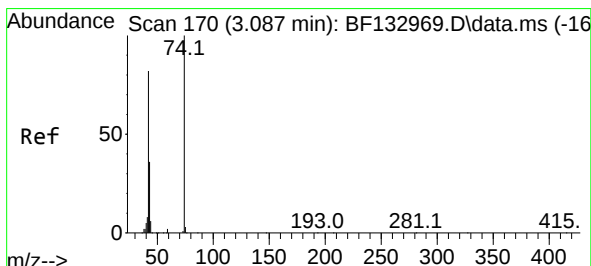
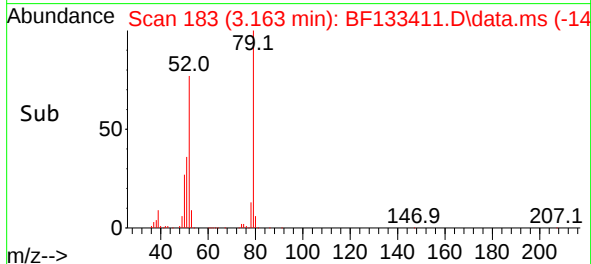
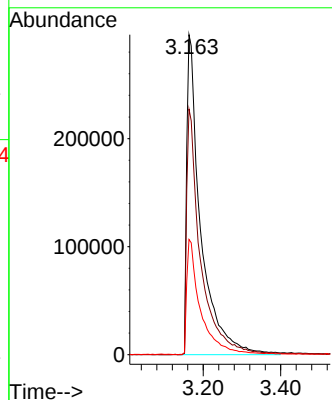
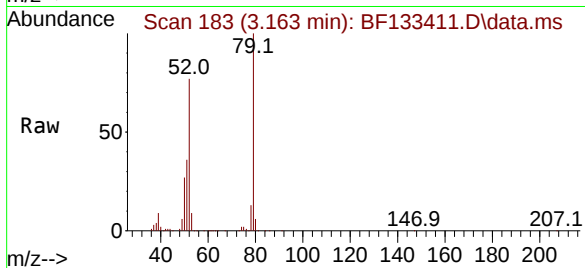
Tgt Ion: 79 Resp: 741316

Ion Ratio Lower Upper

79 100

52 76.8 64.6 96.8

51 36.0 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 33.952 ng

RT: 3.128 min Scan# 177

Delta R.T. 0.100 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

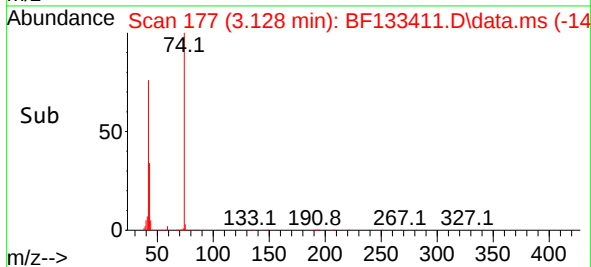
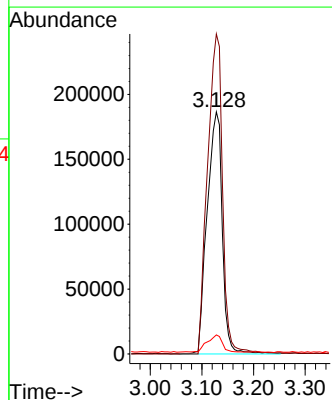
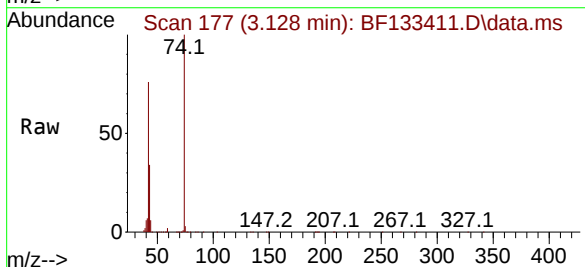
Tgt Ion: 42 Resp: 379355

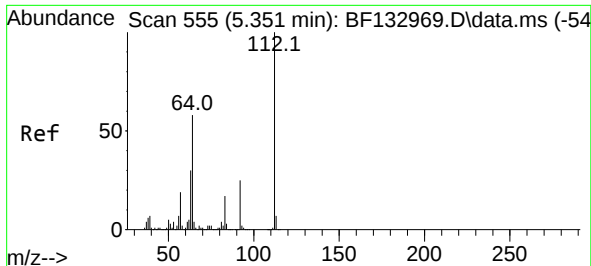
Ion Ratio Lower Upper

42 100

74 132.2 98.0 147.0

44 7.9 5.8 8.8

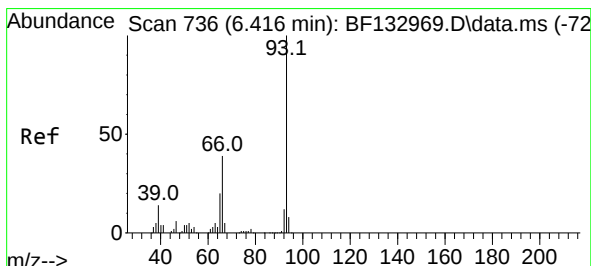
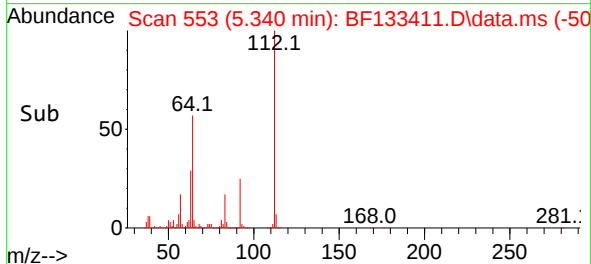
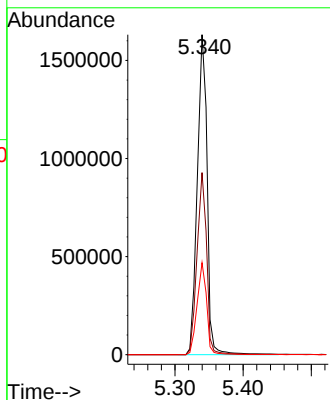
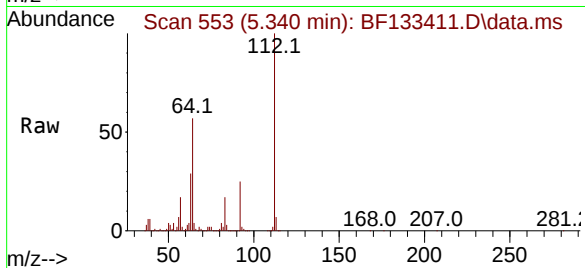




#5
2-Fluorophenol
Concen: 93.051 ng
RT: 5.340 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

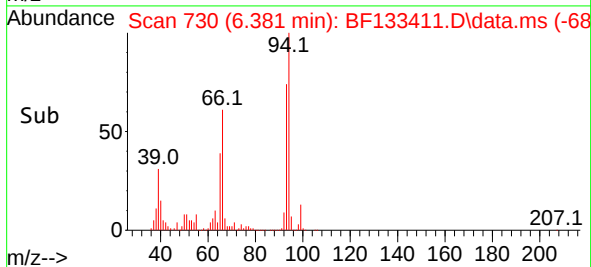
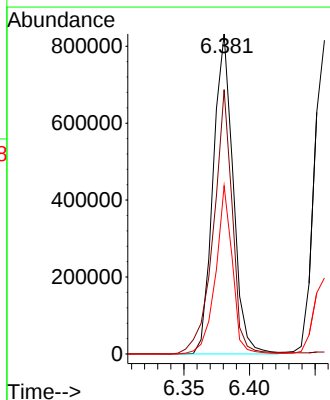
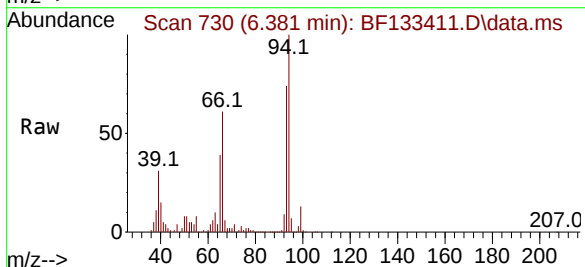
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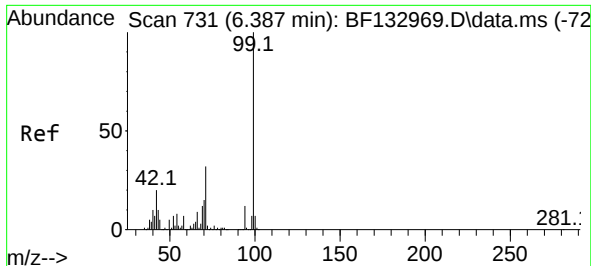
Tgt Ion:112 Resp: 1629315
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 28.8 23.8 35.8



#6
Aniline
Concen: 31.433 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion: 93 Resp: 879882
Ion Ratio Lower Upper
93 100
66 82.6 31.5 47.3#
65 52.5 16.4 24.6#





#7

Phenol-d6

Concen: 90.233 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

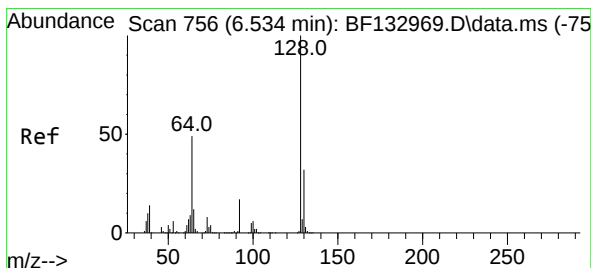
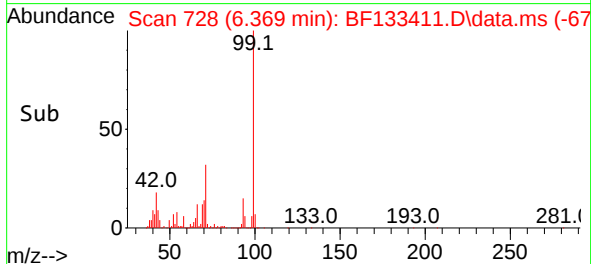
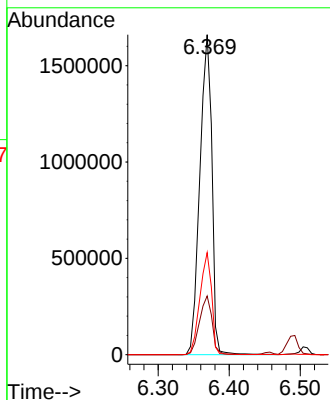
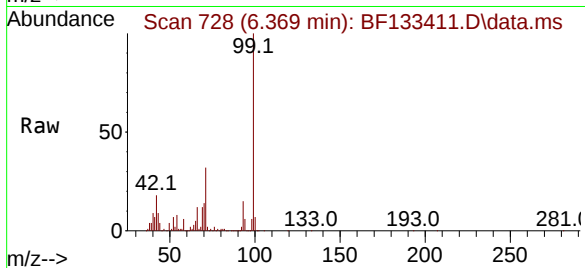
BNA_F

ClientSampleId :

PB152566BS

Tgt Ion: 99 Resp: 1961079

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	31.9	25.6	38.4



#8

2-Chlorophenol

Concen: 41.659 ng

RT: 6.504 min Scan# 751

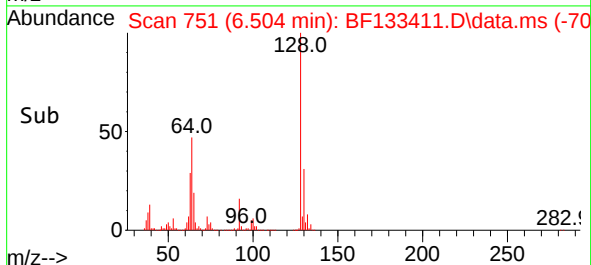
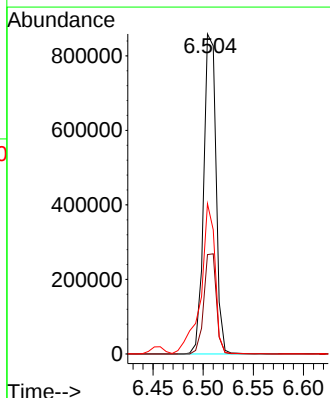
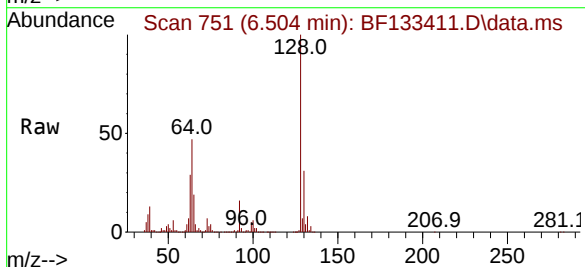
Delta R.T. -0.006 min

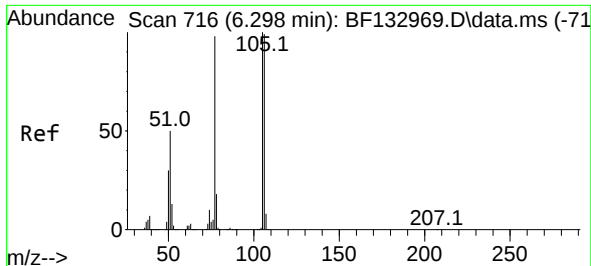
Lab File: BF133411.D

Acq: 17 May 2023 14:04

Tgt Ion:128 Resp: 740625

Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.2	52.2
64	46.9	30.3	70.3





#9

Benzaldehyde

Concen: 39.811 ng

RT: 6.263 min Scan# 716

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

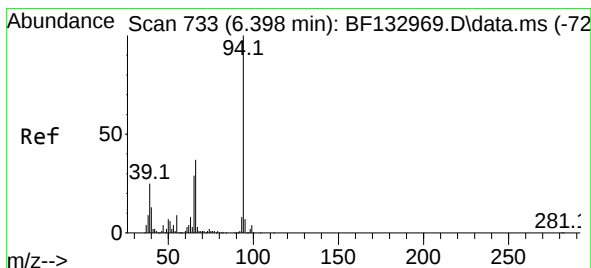
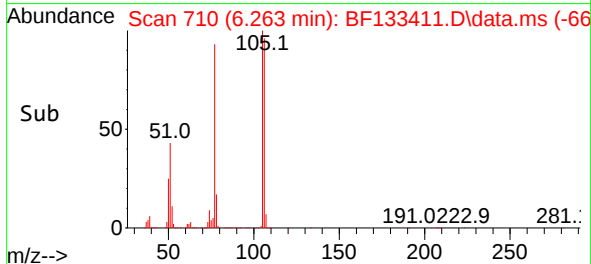
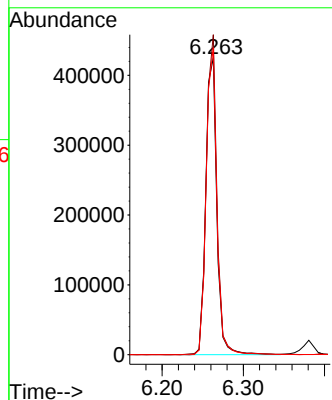
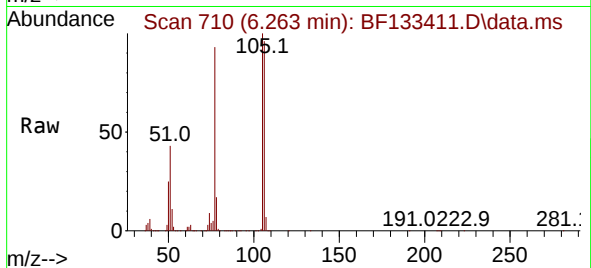
Tgt Ion: 77 Resp: 399823

Ion Ratio Lower Upper

77 100

105 107.8 82.3 122.3

106 103.4 80.8 120.8



#10

Phenol

Concen: 36.422 ng

RT: 6.381 min Scan# 730

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

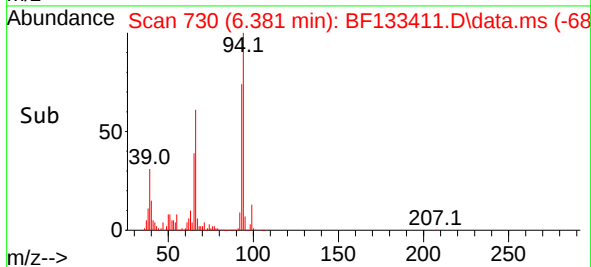
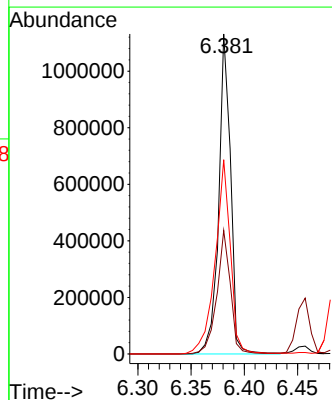
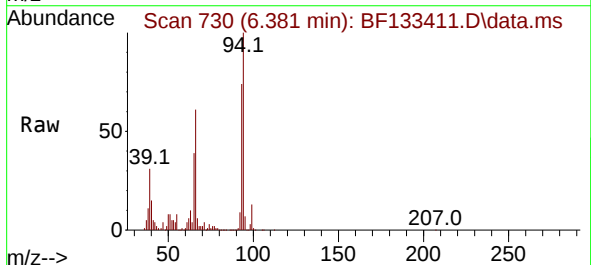
Tgt Ion: 94 Resp: 873249

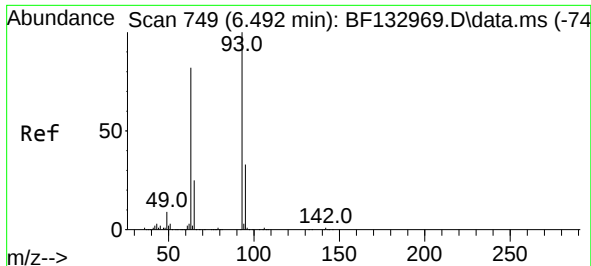
Ion Ratio Lower Upper

94 100

65 38.6 8.6 48.6

66 60.7 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 38.778 ng

RT: 6.457 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

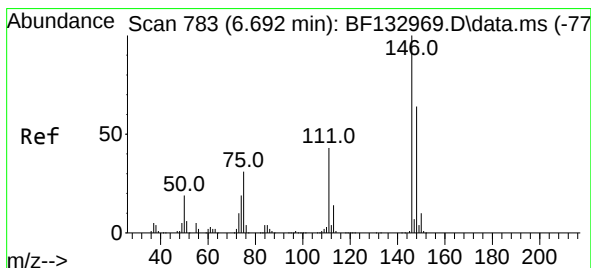
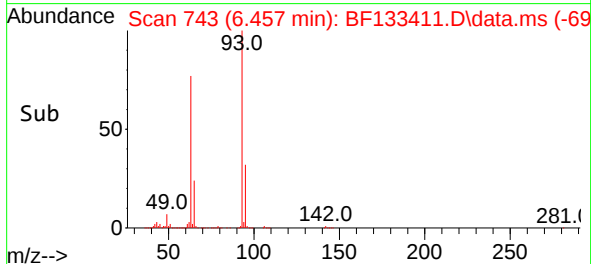
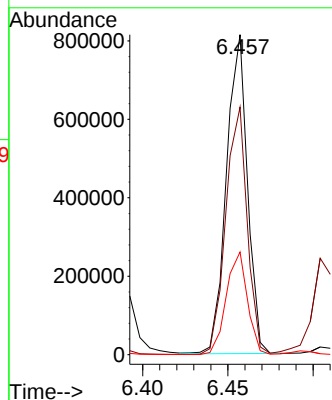
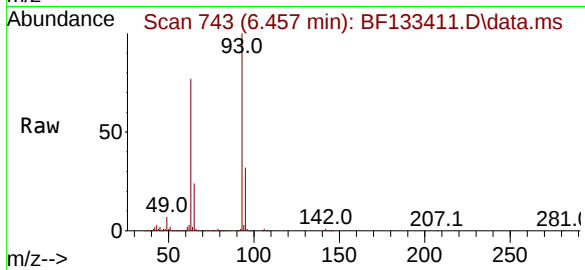
Tgt Ion: 93 Resp: 697686

Ion Ratio Lower Upper

93 100

63 77.4 60.6 100.6

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 41.375 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

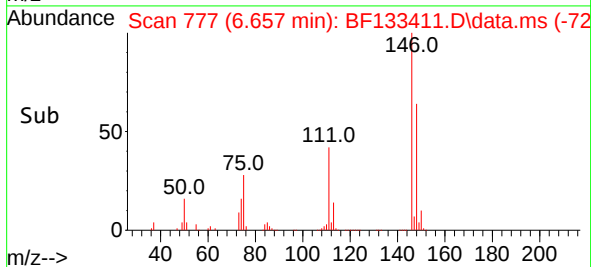
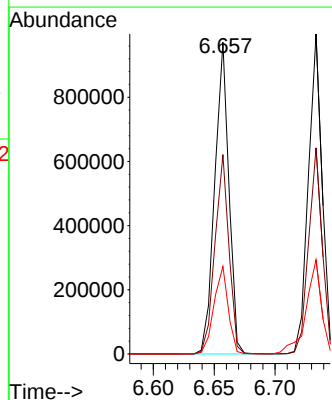
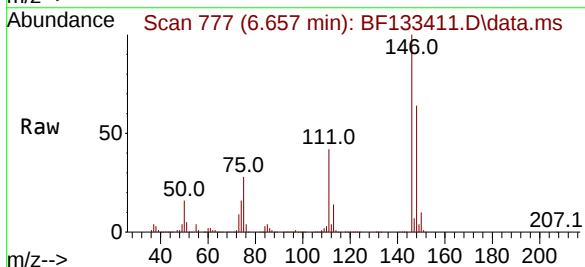
Tgt Ion:146 Resp: 782058

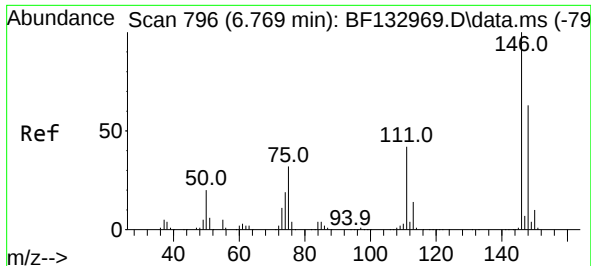
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

75 28.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 41.458 ng

RT: 6.734 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

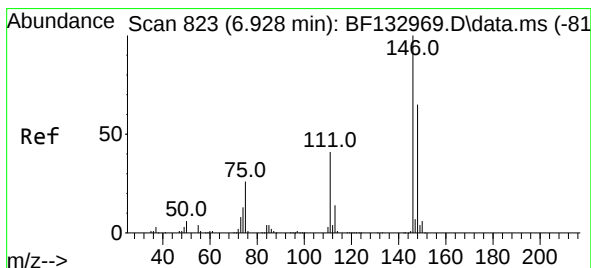
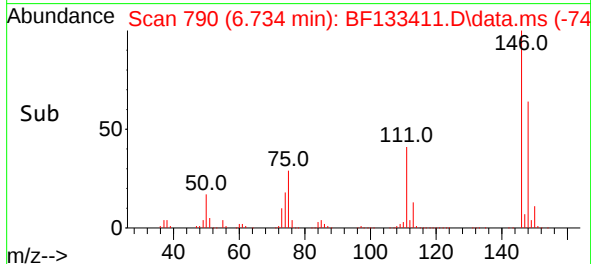
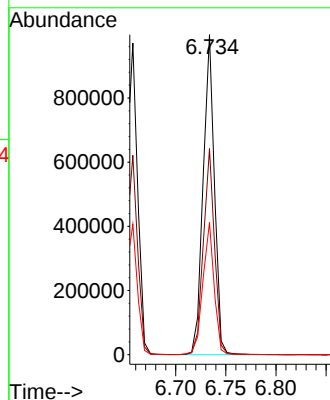
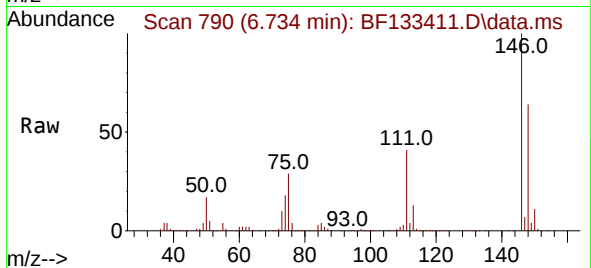
Tgt Ion:146 Resp: 785350

Ion Ratio Lower Upper

146 100

148 64.4 50.3 75.5

111 41.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 41.986 ng

RT: 6.887 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

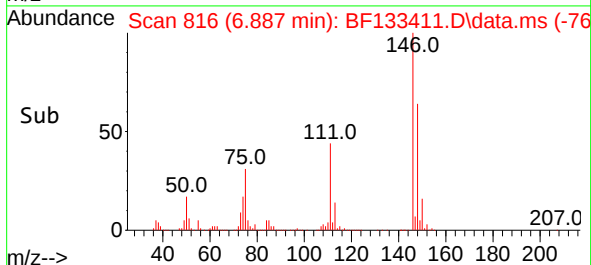
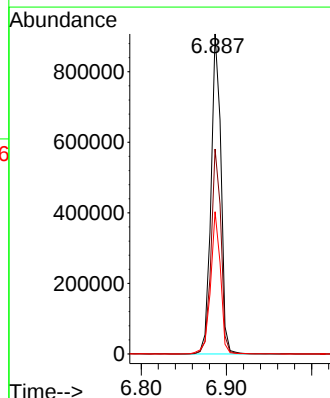
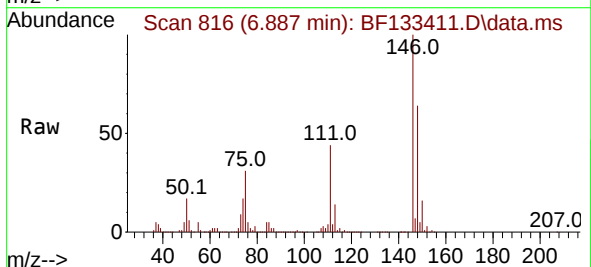
Tgt Ion:146 Resp: 733262

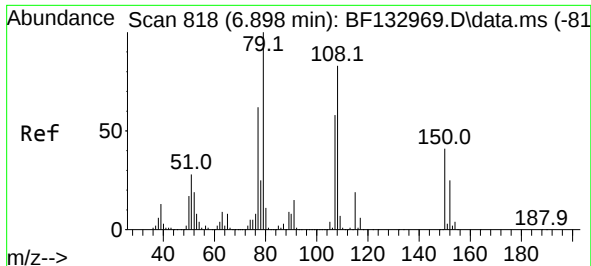
Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

111 44.4 32.8 49.2

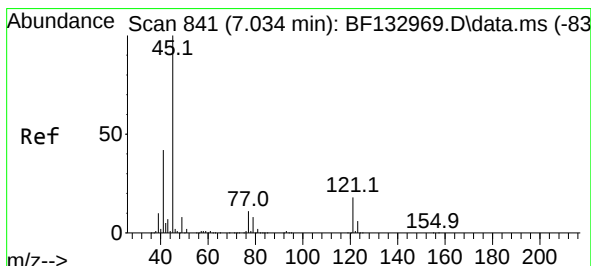
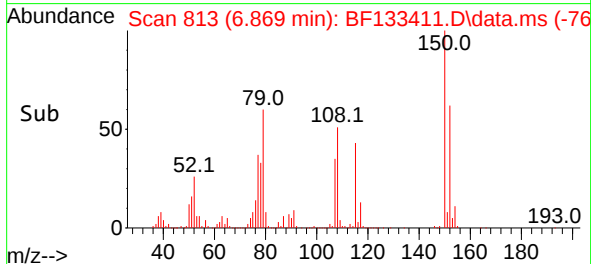
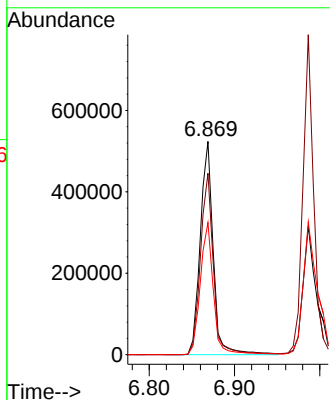
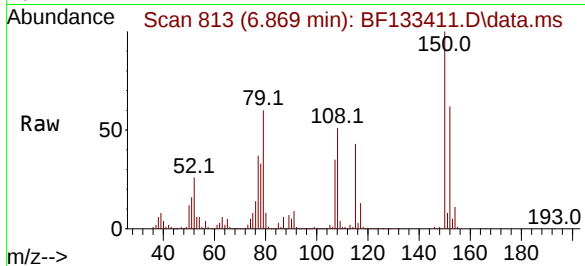




#15
Benzyl Alcohol
Concen: 36.923 ng
RT: 6.869 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

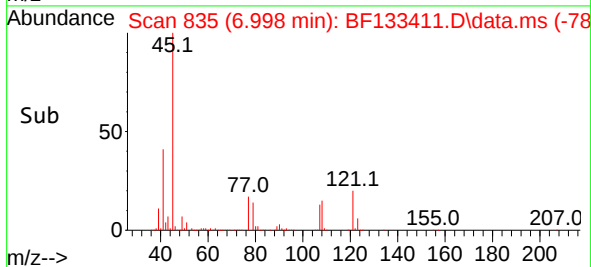
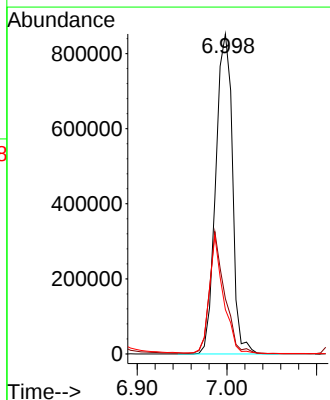
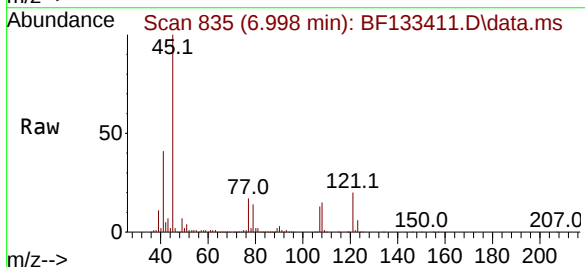
Instrument :
BNA_F
ClientSampleId :
PB152566BS

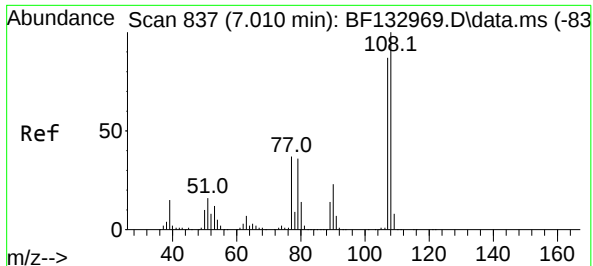
Tgt Ion: 79 Resp: 554310
Ion Ratio Lower Upper
79 100
108 85.0 66.6 99.8
77 61.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.985 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion: 45 Resp: 1093275
Ion Ratio Lower Upper
45 100
77 17.2 0.0 31.5
79 13.8 0.0 28.7

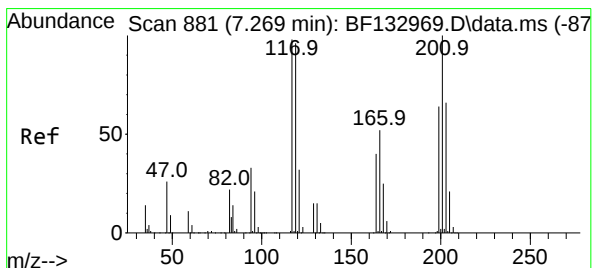
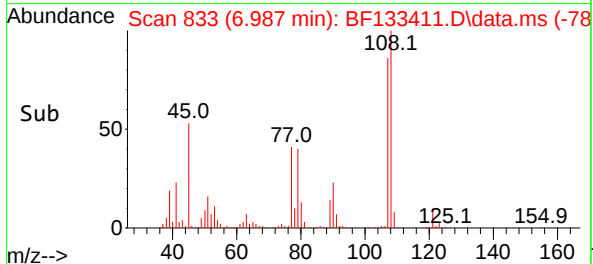
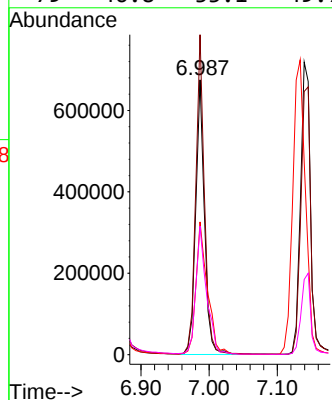
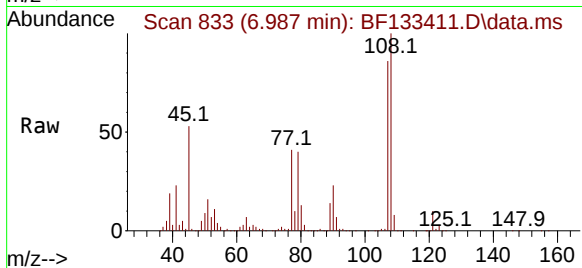




#17
2-Methylphenol
Concen: 37.217 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

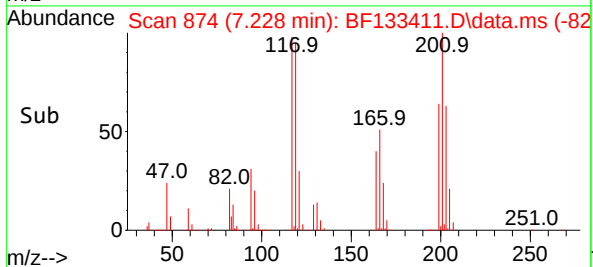
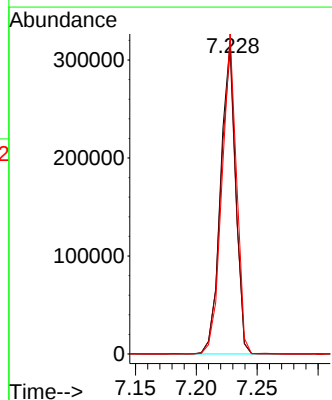
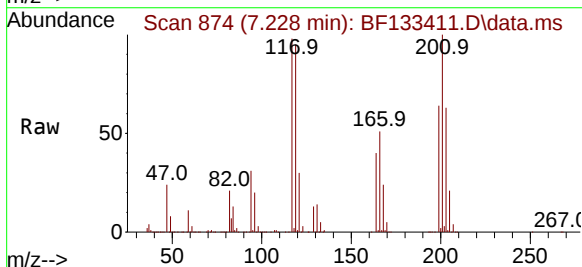
Instrument :
BNA_F
ClientSampleId :
PB152566BS

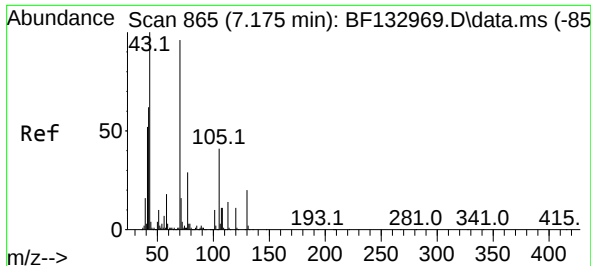
Tgt Ion:107 Resp: 605867
Ion Ratio Lower Upper
107 100
108 116.4 92.4 138.6
77 48.3 33.8 50.8
79 46.8 33.1 49.7



#18
Hexachloroethane
Concen: 41.557 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:117 Resp: 273698
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.4
201 102.3 81.7 122.5



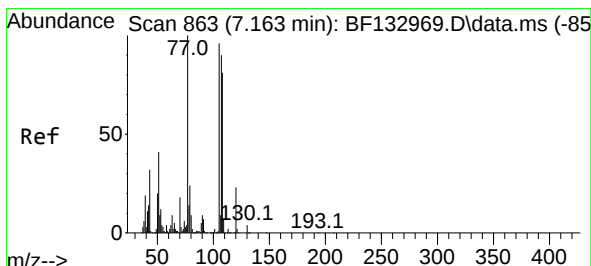
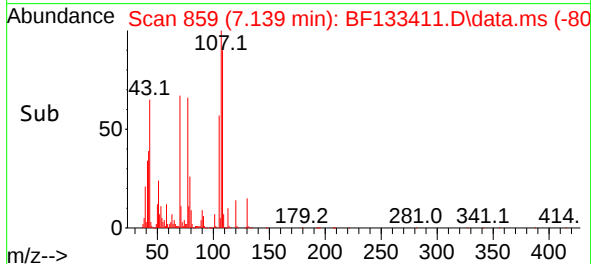
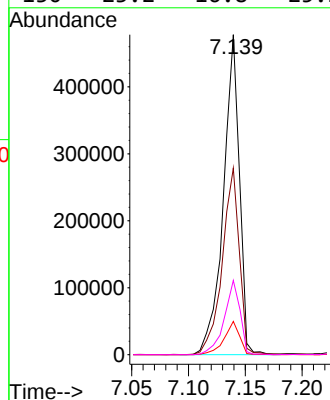
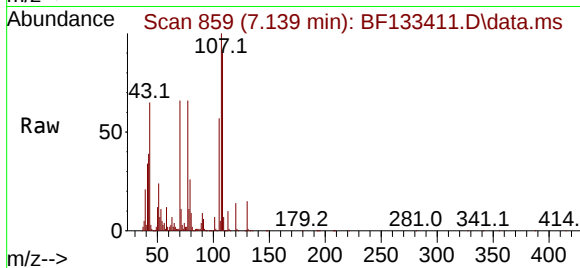


#19
n-Nitroso-di-n-propylamine
Concen: 34.843 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :
BNA_F
ClientSampleId :
PB152566BS

Tgt Ion: 70 Resp: 471440

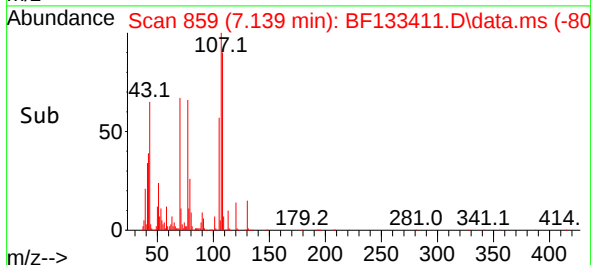
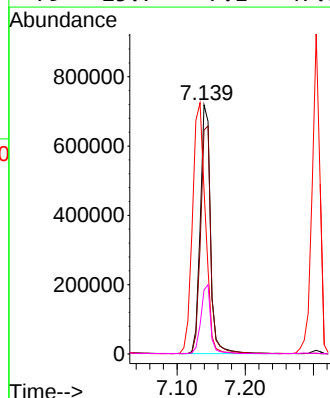
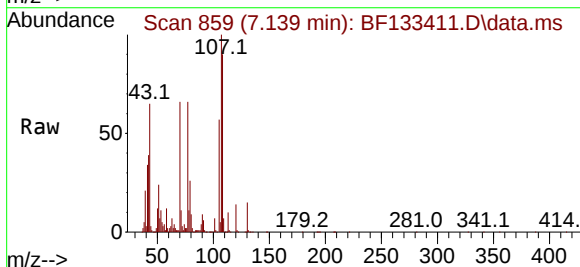
Ion	Ratio	Lower	Upper
70	100		
42	58.3	51.8	77.6
101	10.4	8.0	12.0
130	23.2	16.8	25.2

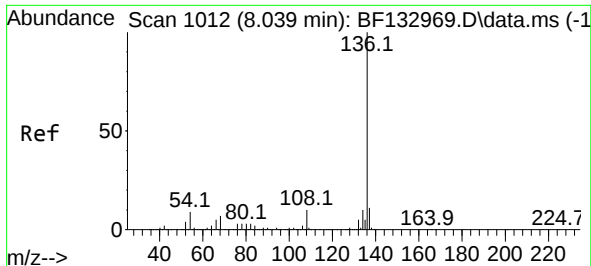


#20
3+4-Methylphenols
Concen: 38.696 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion: 107 Resp: 741854

Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.5	110.5
77	65.8	91.7	131.7#
79	25.7	7.1	47.1

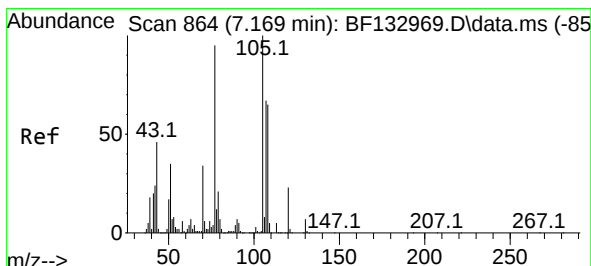
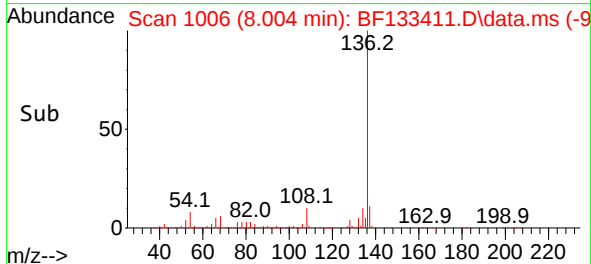
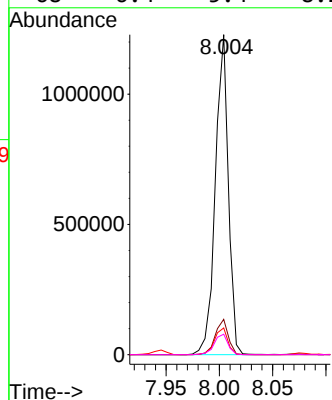
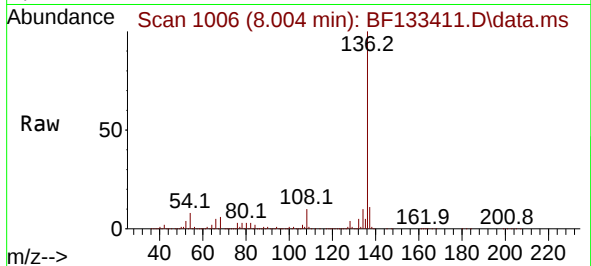




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

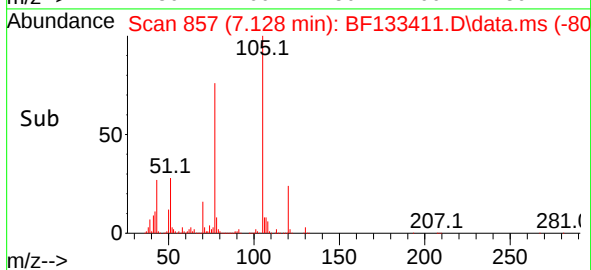
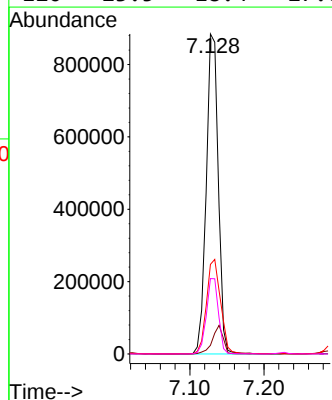
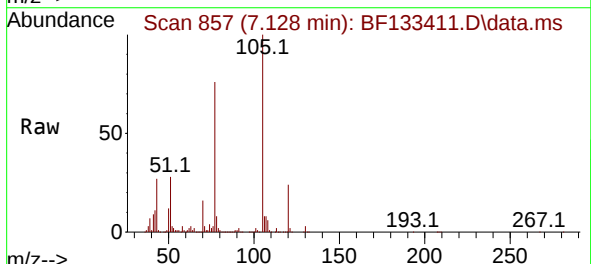
Instrument :
BNA_F
ClientSampleId :
PB152566BS

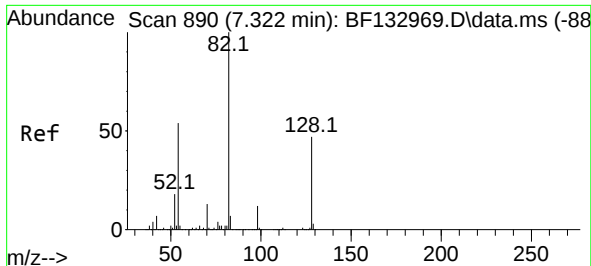
Tgt Ion:136 Resp: 1040237
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.3 7.0 10.4
68 6.4 5.4 8.2



#22
Acetophenone
Concen: 41.498 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:105 Resp: 999969
Ion Ratio Lower Upper
105 100
71 2.7 4.6 7.0#
51 28.0 28.2 42.2#
120 23.5 18.4 27.6





#23

Nitrobenzene-d5

Concen: 62.168 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

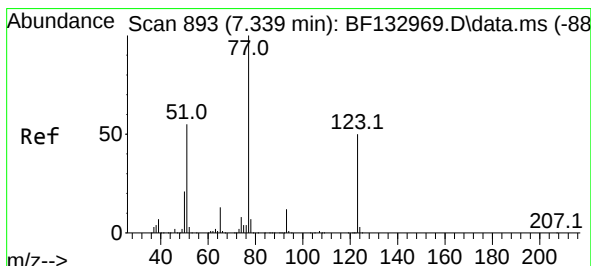
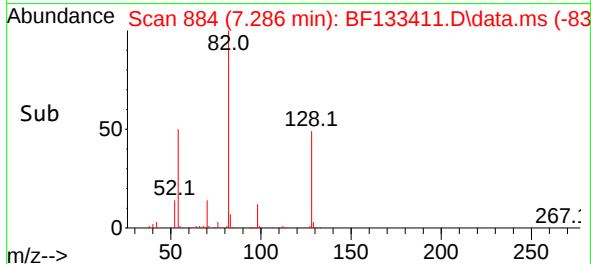
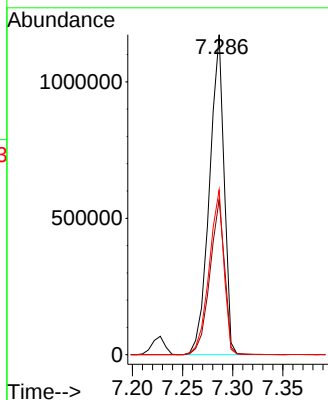
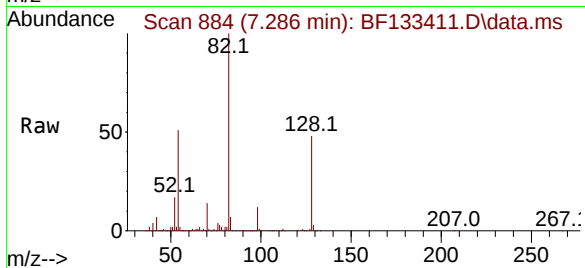
BNA_F

ClientSampleId :

PB152566BS

Tgt Ion: 82 Resp: 1198093

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.7	56.5
54	51.5	43.0	64.4



#24

Nitrobenzene

Concen: 37.975 ng

RT: 7.304 min Scan# 887

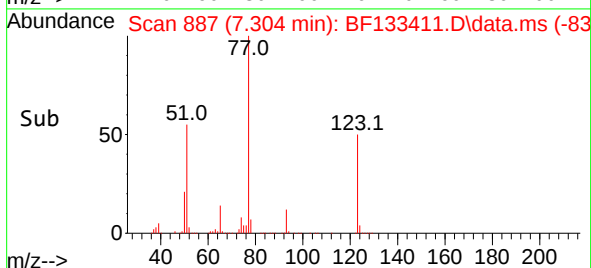
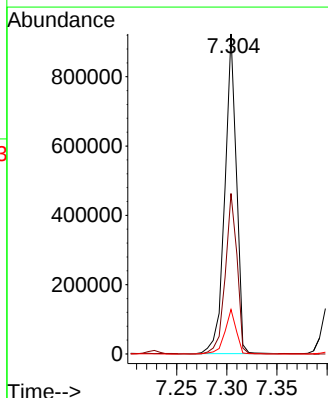
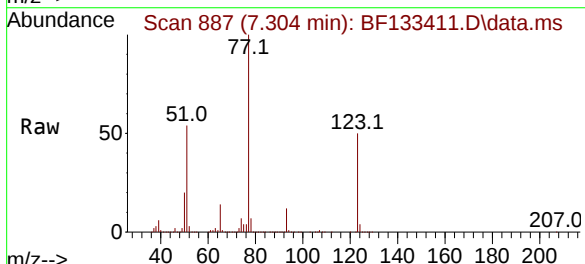
Delta R.T. -0.006 min

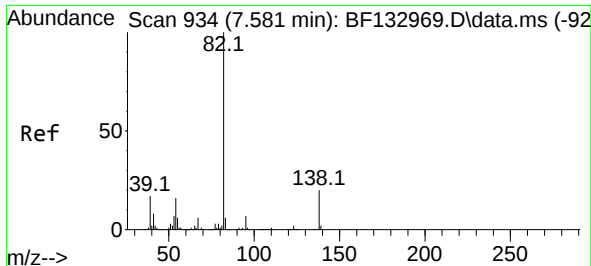
Lab File: BF133411.D

Acq: 17 May 2023 14:04

Tgt Ion: 77 Resp: 741596

Ion	Ratio	Lower	Upper
77	100		
123	50.1	39.9	59.9
65	13.9	10.7	16.1





#25

Isophorone

Concen: 38.603 ng

RT: 7.545 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

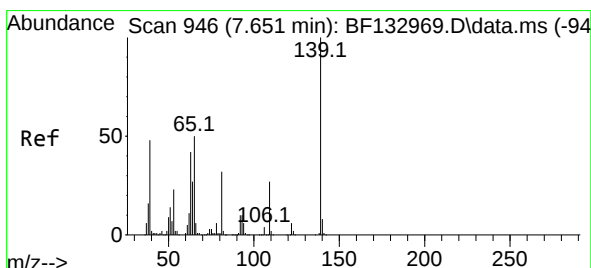
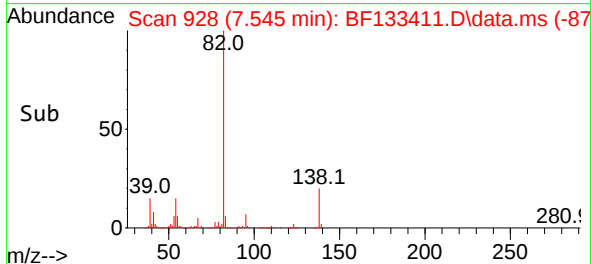
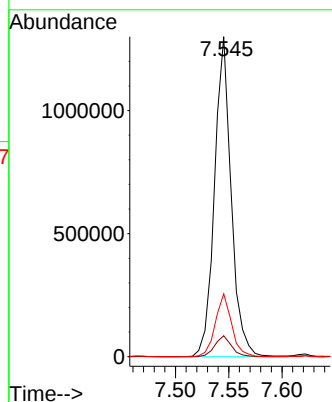
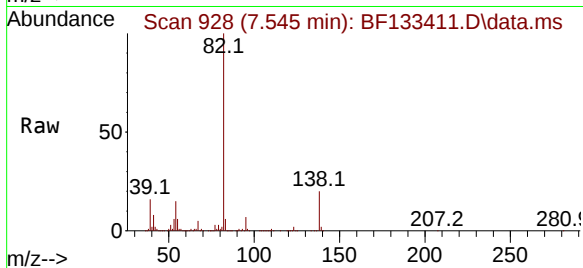
BNA_F

ClientSampleId :

PB152566BS

Tgt Ion: 82 Resp: 1412504

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.0
138	19.6	16.0	24.0



#26

2-Nitrophenol

Concen: 44.959 ng

RT: 7.622 min Scan# 941

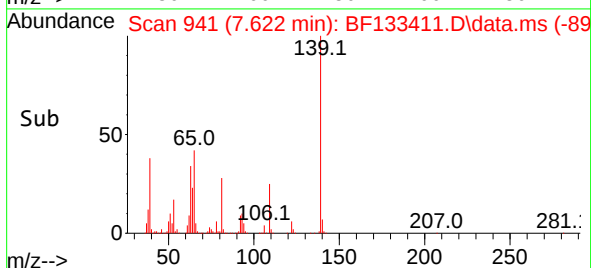
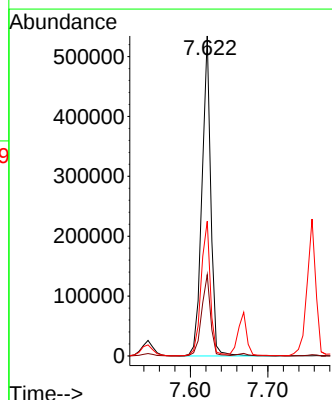
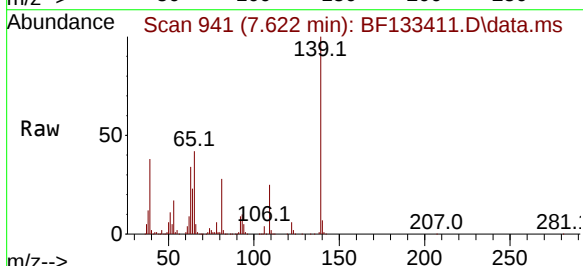
Delta R.T. -0.006 min

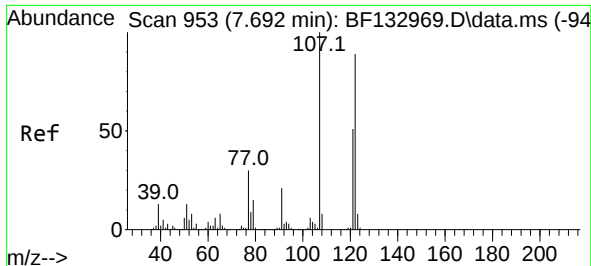
Lab File: BF133411.D

Acq: 17 May 2023 14:04

Tgt Ion: 139 Resp: 423481

Ion	Ratio	Lower	Upper
139	100		
109	25.4	21.6	32.4
65	42.1	39.8	59.6





#27

2,4-Dimethylphenol

Concen: 41.522 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

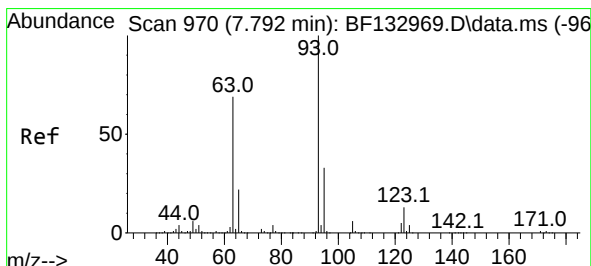
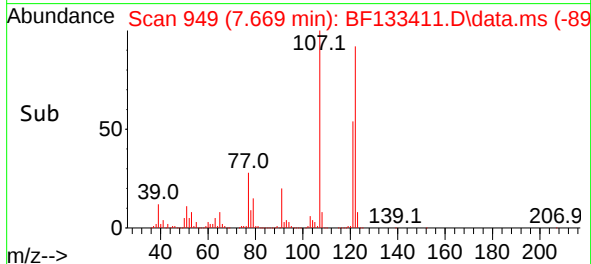
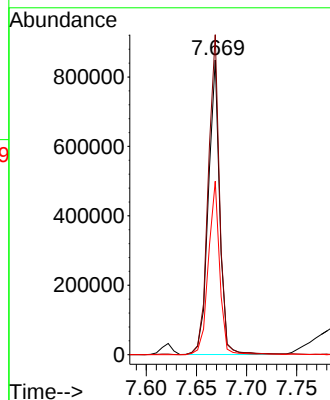
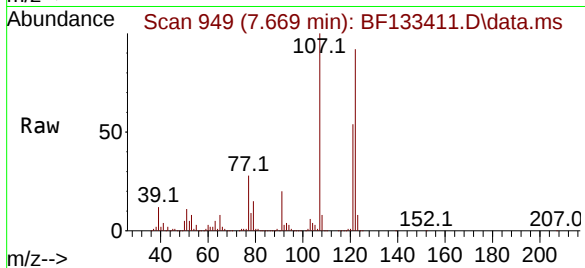
Tgt Ion:122 Resp: 670646

Ion Ratio Lower Upper

122 100

107 108.6 89.7 134.5

121 58.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.383 ng

RT: 7.757 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

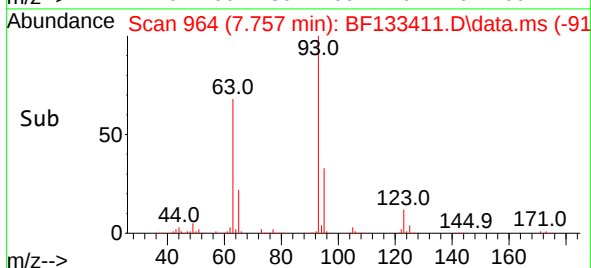
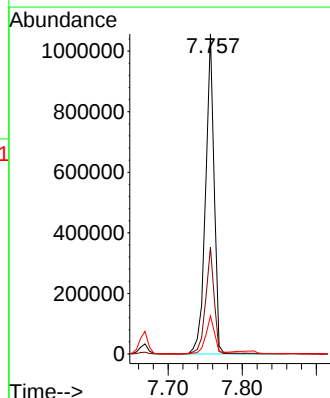
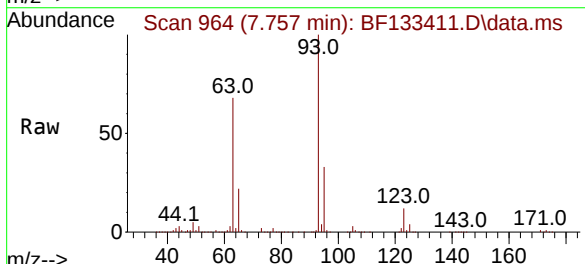
Tgt Ion: 93 Resp: 852511

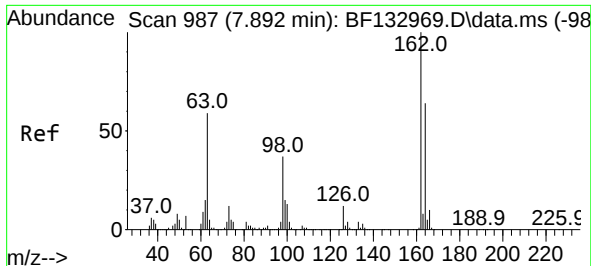
Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

123 11.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 42.245 ng

RT: 7.869 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

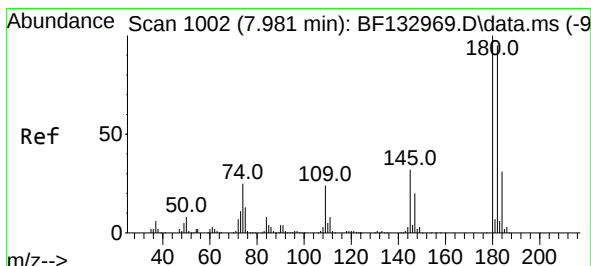
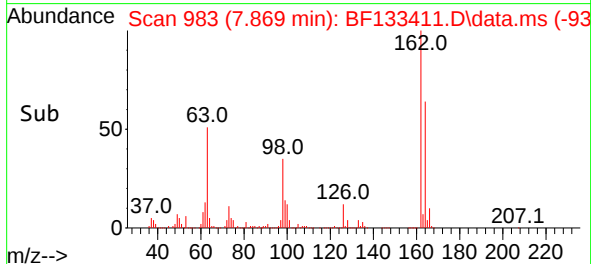
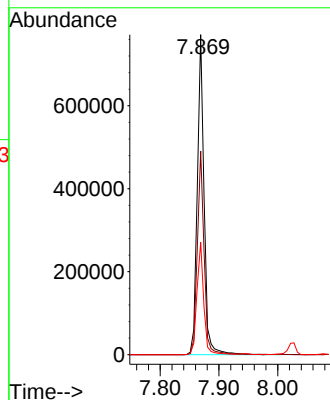
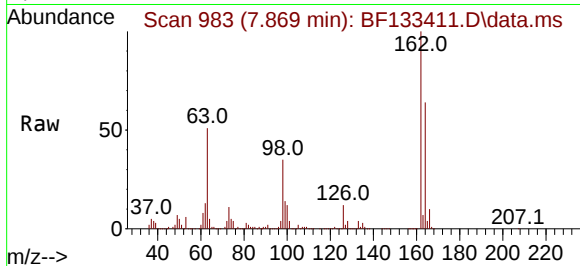
Tgt Ion:162 Resp: 621149

Ion Ratio Lower Upper

162 100

164 63.6 43.9 83.9

98 35.2 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 42.413 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

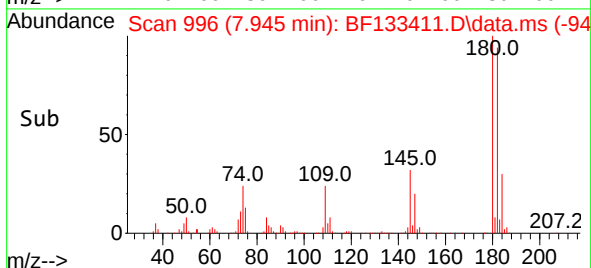
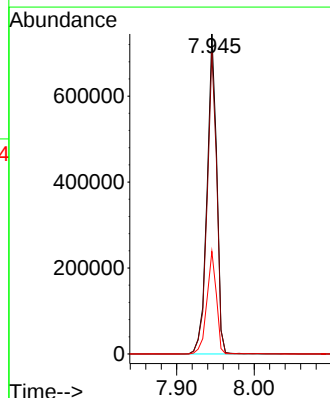
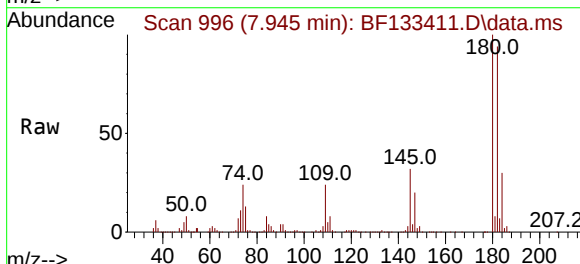
Tgt Ion:180 Resp: 646060

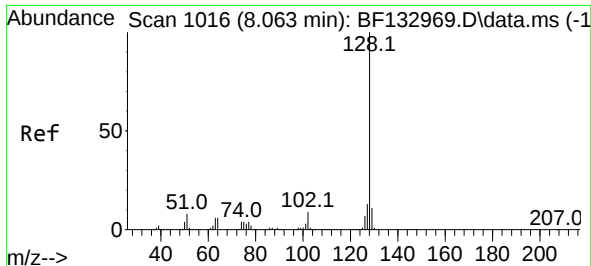
Ion Ratio Lower Upper

180 100

182 94.2 75.9 113.9

145 32.1 25.3 37.9

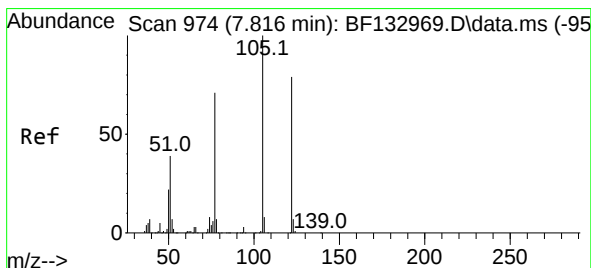
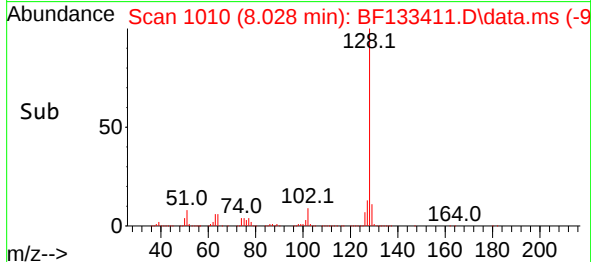
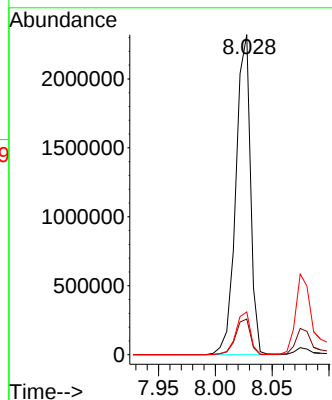
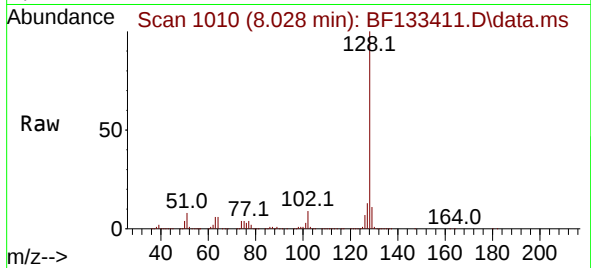




#31
Naphthalene
Concen: 39.808 ng
RT: 8.028 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

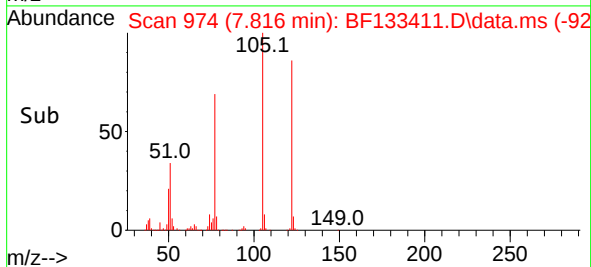
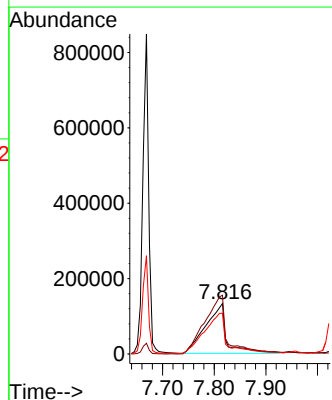
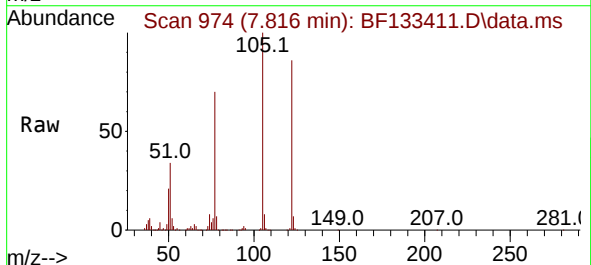
Instrument :
BNA_F
ClientSampleId :
PB152566BS

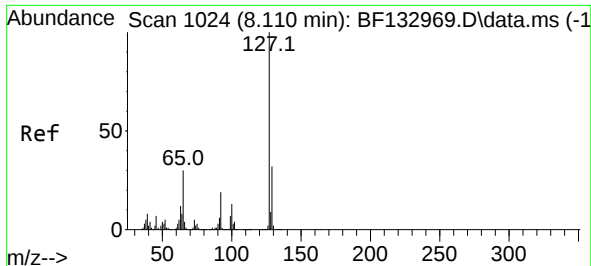
Tgt Ion:128 Resp: 2070357
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 37.942 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:122 Resp: 378533
Ion Ratio Lower Upper
122 100
105 116.6 104.2 144.2
77 81.1 69.7 109.7

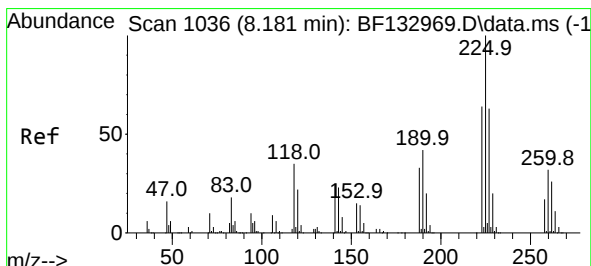
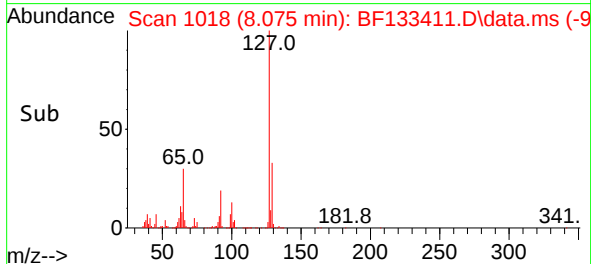
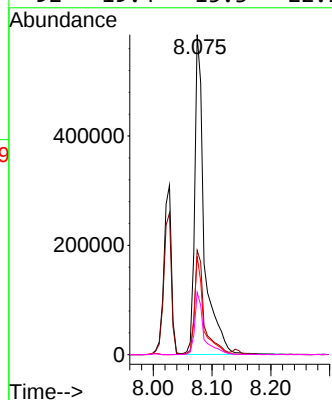
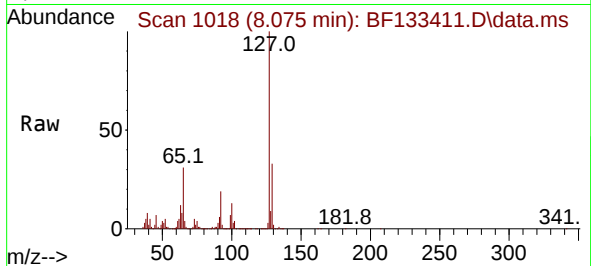




#33
4-Chloroaniline
Concen: 31.848 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

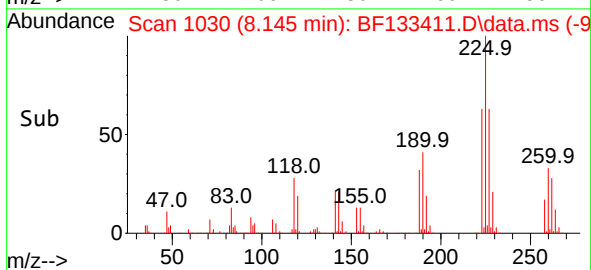
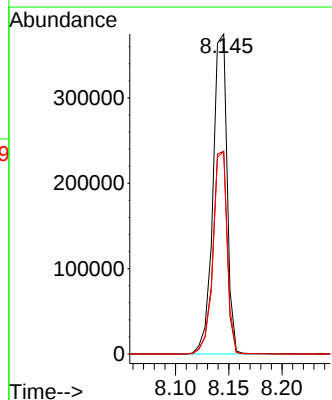
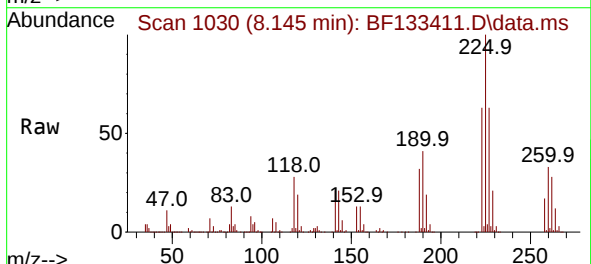
Instrument :
BNA_F
ClientSampleId :
PB152566BS

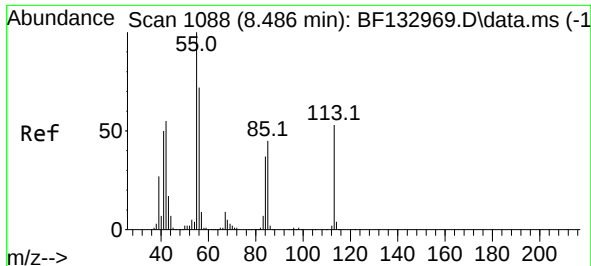
Tgt Ion:	127	Resp:	669240
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	30.7	23.6	35.4
92	19.4	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.240 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:	225	Resp:	348176
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	63.2	50.3	75.5

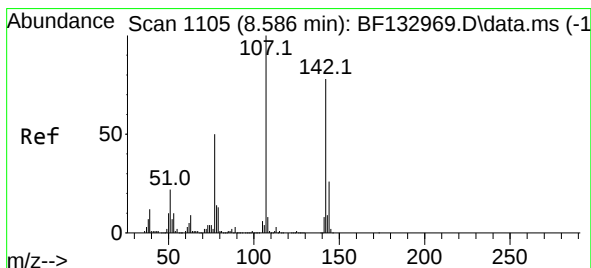
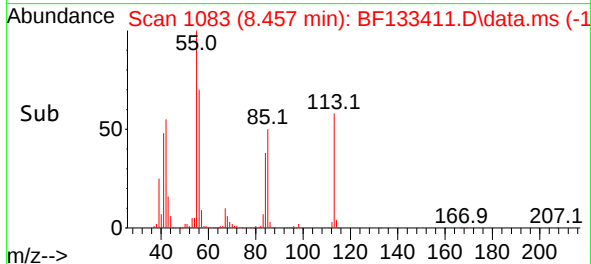
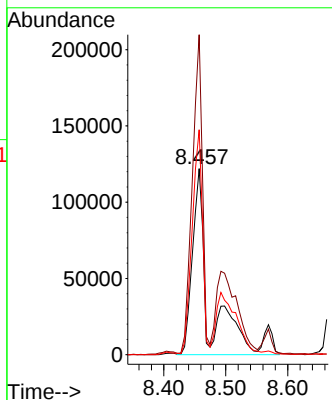
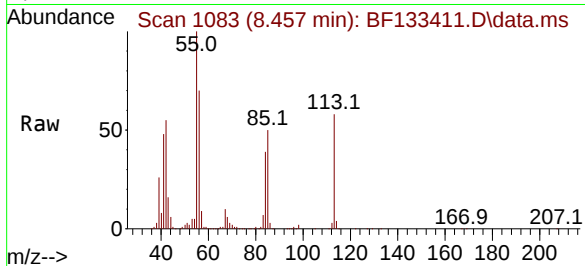




#35
 Caprolactam
 Concen: 48.214 ng m
 RT: 8.457 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

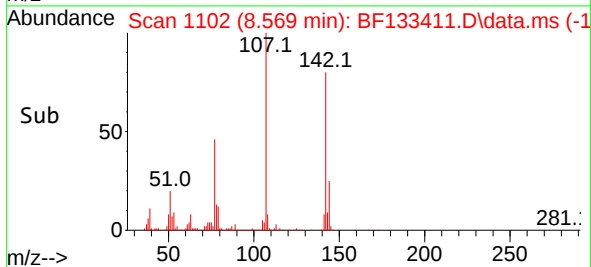
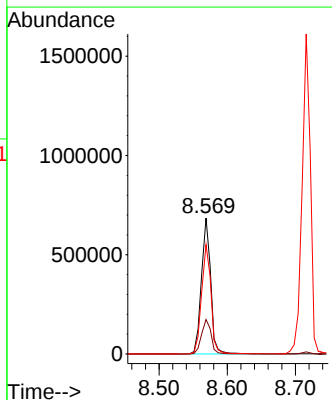
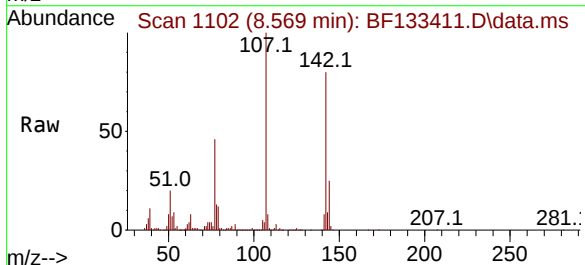
Instrument :
 BNA_F
 ClientSampleId :
 PB152566BS

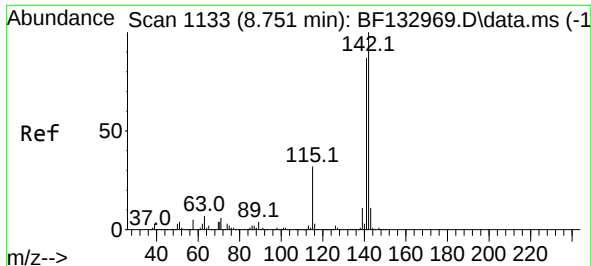
Tgt Ion:113 Resp: 238150
 Ion Ratio Lower Upper
 113 100
 55 171.9 167.1 207.1
 56 120.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.948 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

Tgt Ion:107 Resp: 649261
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 30.8
 142 80.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.348 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

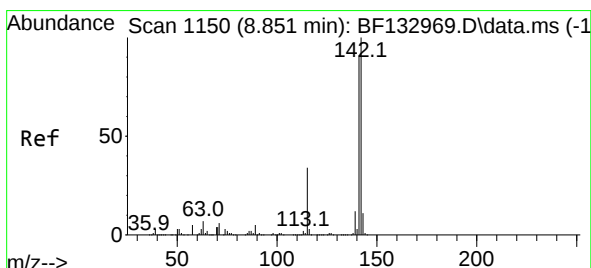
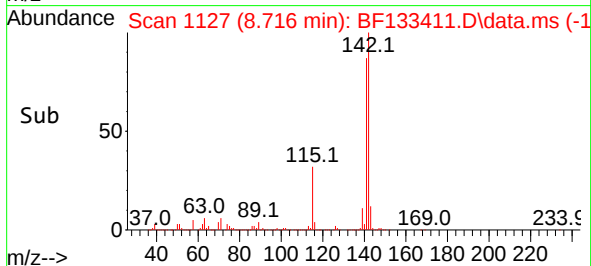
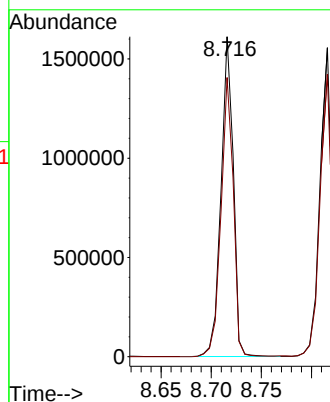
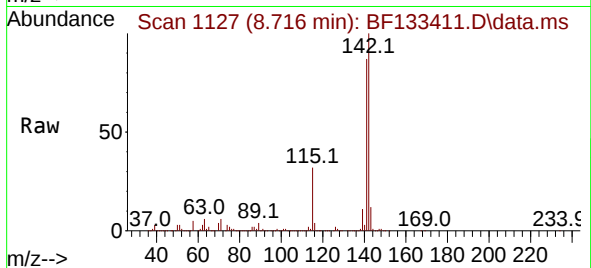
PB152566BS

Tgt Ion:142 Resp: 1363537

Ion Ratio Lower Upper

142 100

141 87.3 69.4 104.0



#38

1-Methylnaphthalene

Concen: 38.214 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133411.D

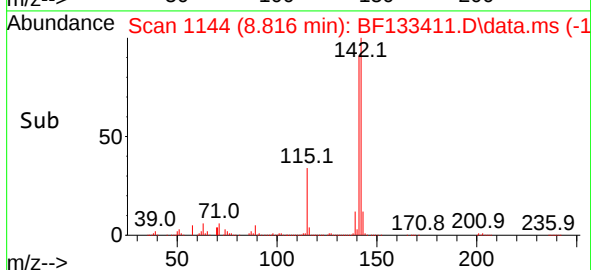
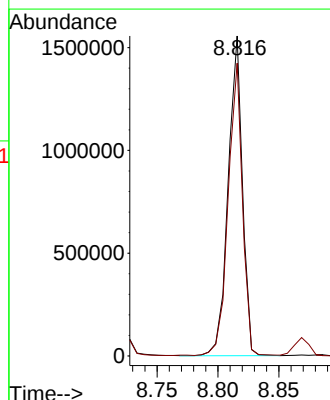
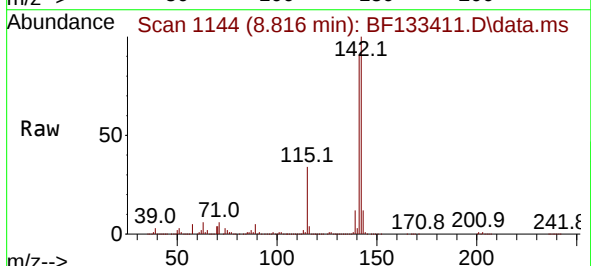
Acq: 17 May 2023 14:04

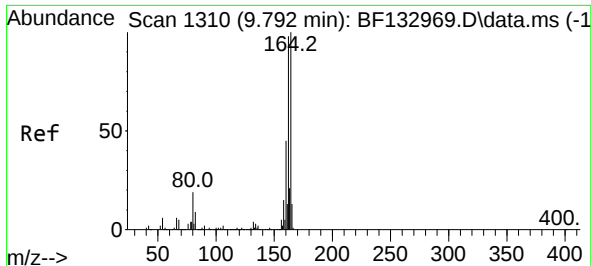
Tgt Ion:142 Resp: 1271114

Ion Ratio Lower Upper

142 100

141 91.5 73.1 109.7

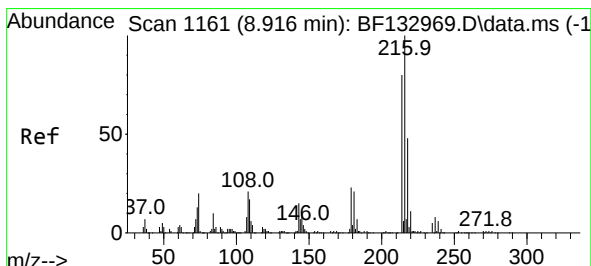
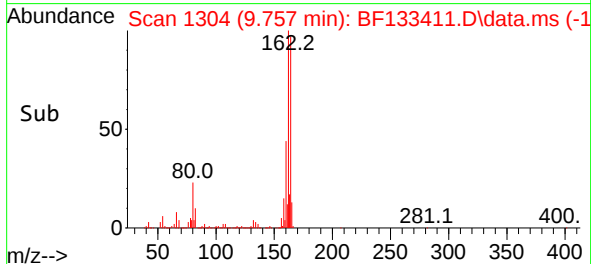
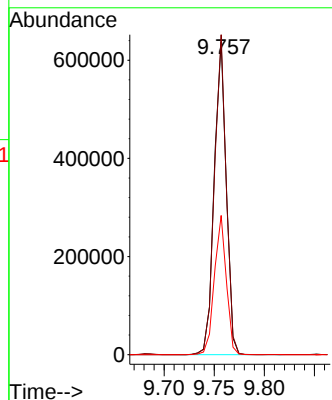
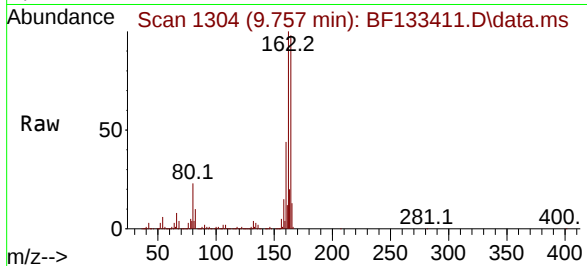




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11304
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

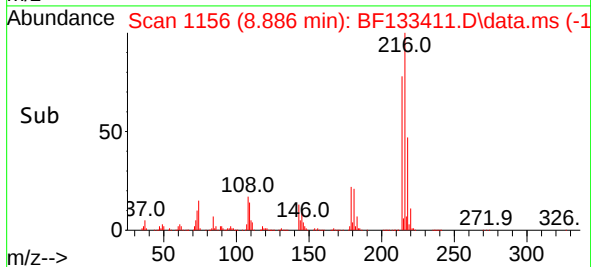
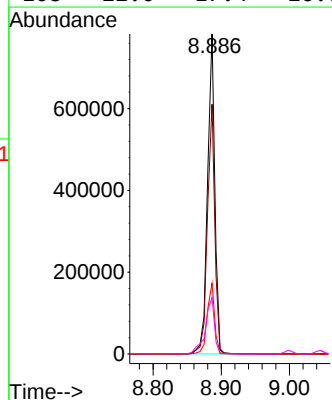
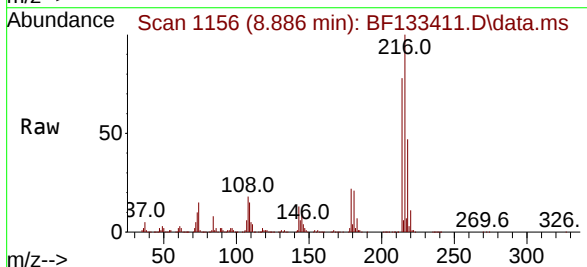
Instrument :
BNA_F
ClientSampleId :
PB152566BS

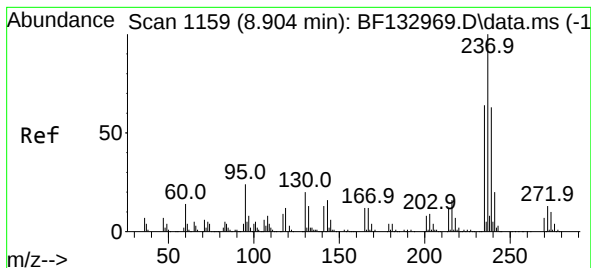
Tgt Ion:164 Resp: 534460
Ion Ratio Lower Upper
164 100
162 102.2 78.7 118.1
160 44.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.490 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:216 Resp: 581847
Ion Ratio Lower Upper
216 100
214 78.9 63.5 95.3
179 22.5 17.4 26.2
108 22.0 17.4 26.0





#41

Hexachlorocyclopentadiene

Concen: 75.498 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

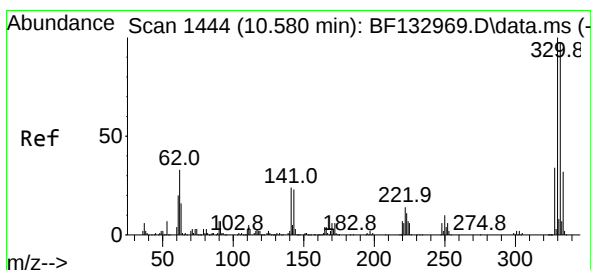
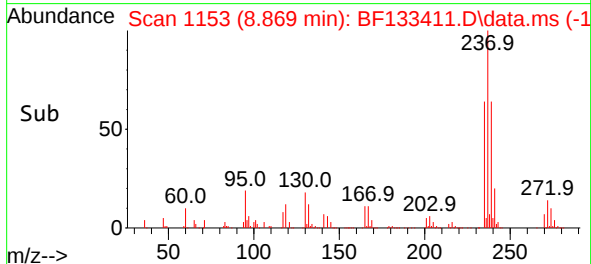
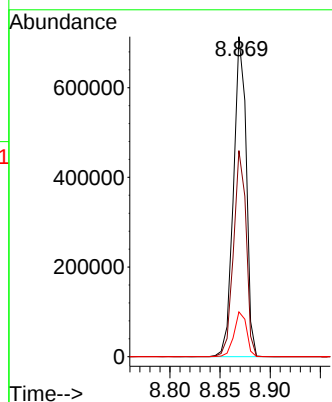
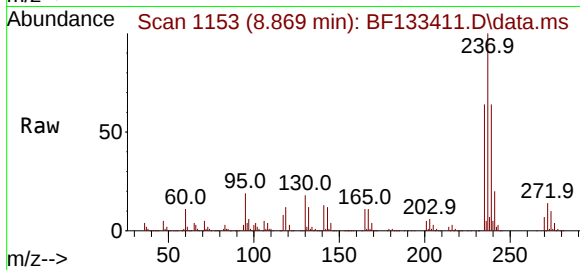
Tgt Ion:237 Resp: 632730

Ion Ratio Lower Upper

237 100

235 64.4 43.5 83.5

272 14.0 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 93.708 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

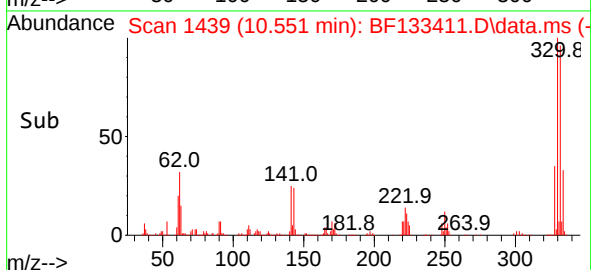
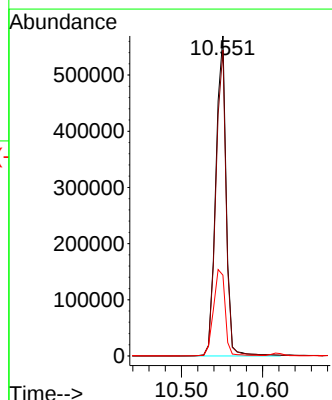
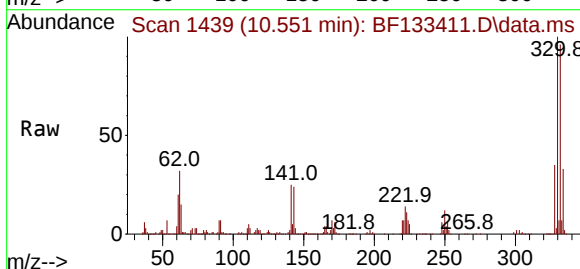
Tgt Ion:330 Resp: 503681

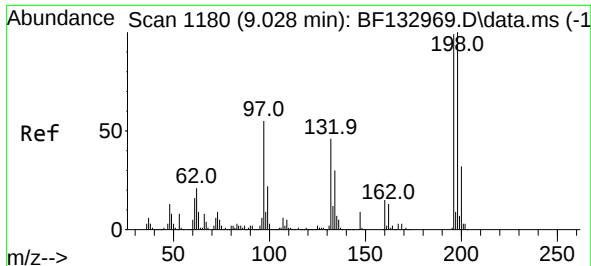
Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 30.6 25.8 38.8

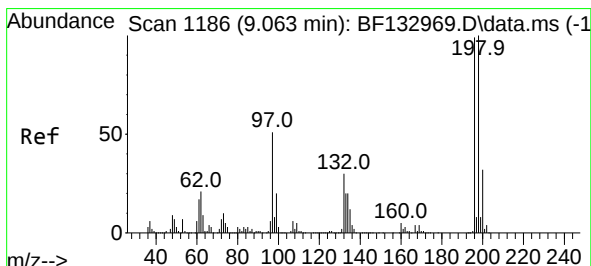
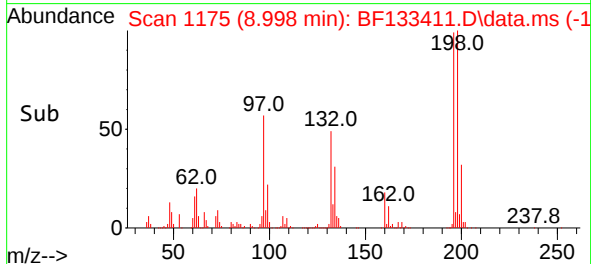
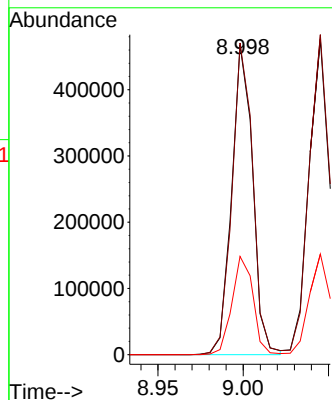
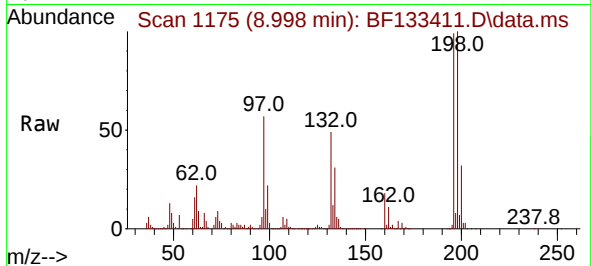




#43
2,4,6-Trichlorophenol
Concen: 40.121 ng
RT: 8.998 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

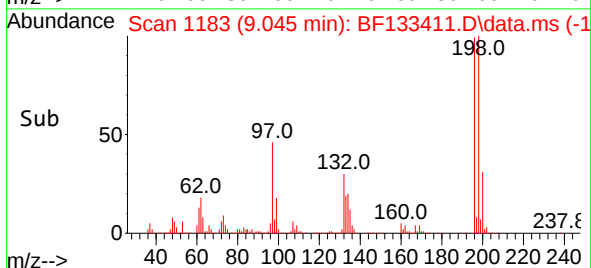
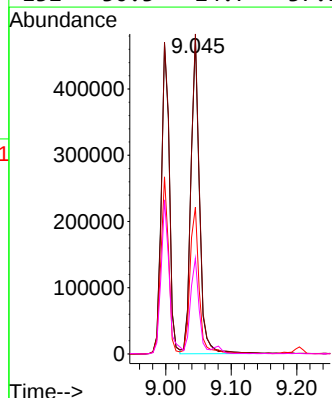
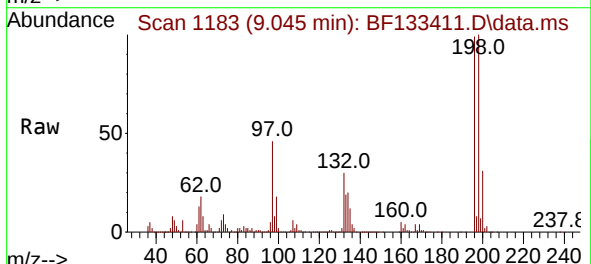
Instrument :
BNA_F
ClientSampleId :
PB152566BS

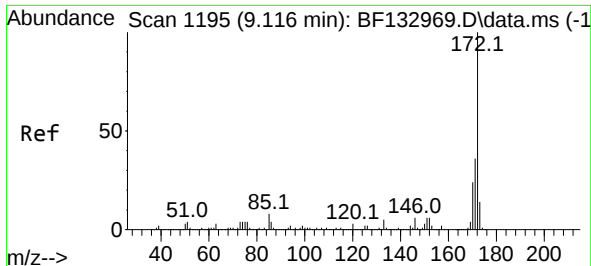
Tgt Ion:196 Resp: 398718
Ion Ratio Lower Upper
196 100
198 100.6 81.0 121.6
200 31.7 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 37.883 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:196 Resp: 435409
Ion Ratio Lower Upper
196 100
198 101.5 80.9 121.3
97 46.5 41.3 61.9
132 30.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 65.201 ng

RT: 9.080 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

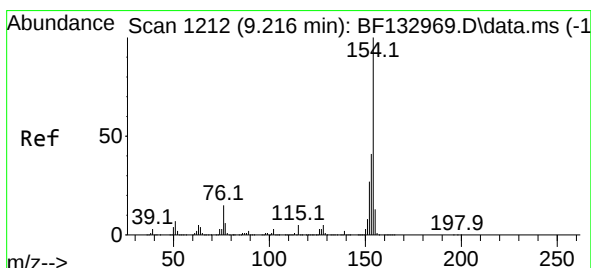
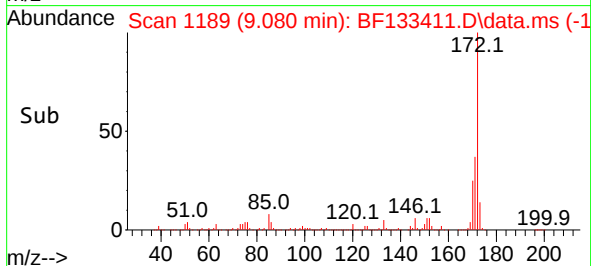
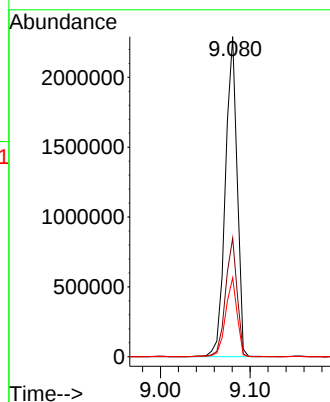
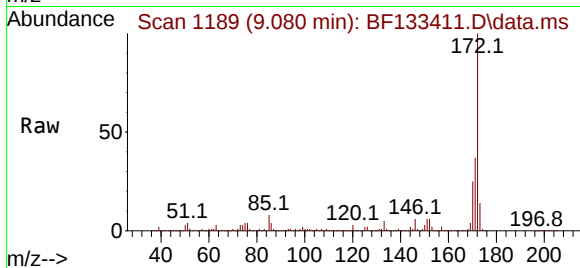
Tgt Ion:172 Resp: 2082923

Ion Ratio Lower Upper

172 100

171 37.0 28.8 43.2

170 24.7 19.4 29.2



#46

1,1'-Biphenyl

Concen: 39.713 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

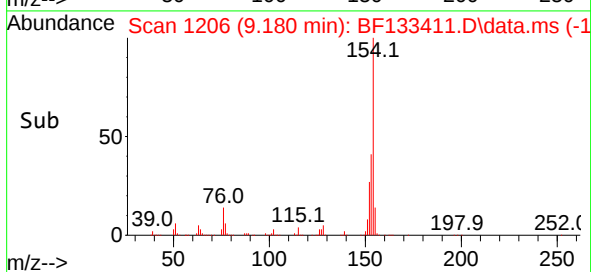
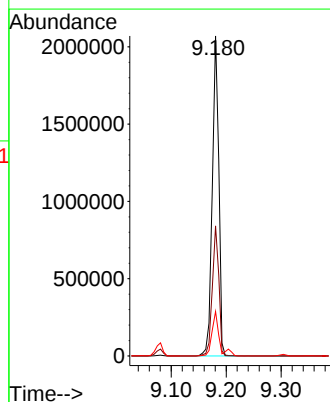
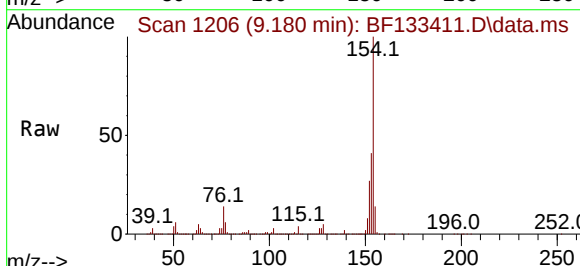
Tgt Ion:154 Resp: 1683064

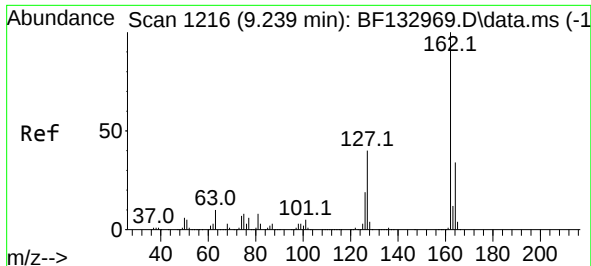
Ion Ratio Lower Upper

154 100

153 40.6 21.0 61.0

76 13.9 0.0 34.5

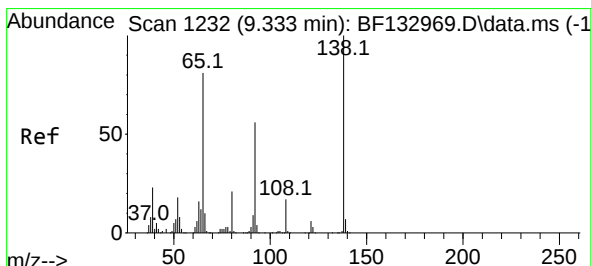
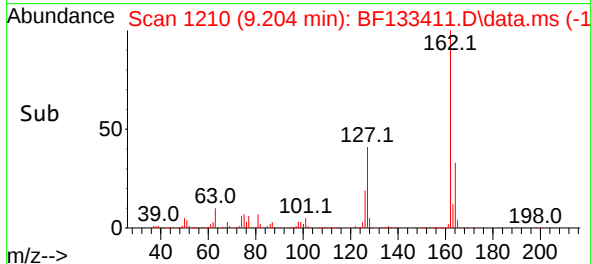
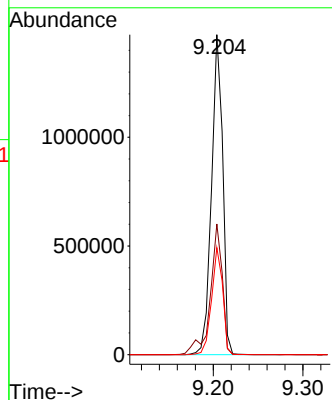
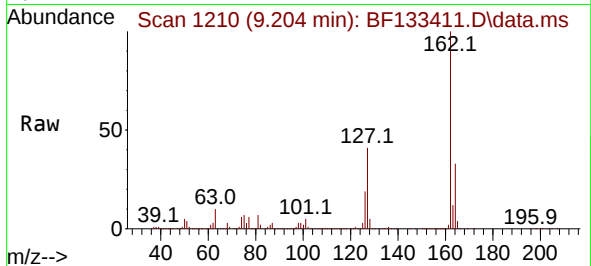




#47
2-Chloronaphthalene
Concen: 41.005 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

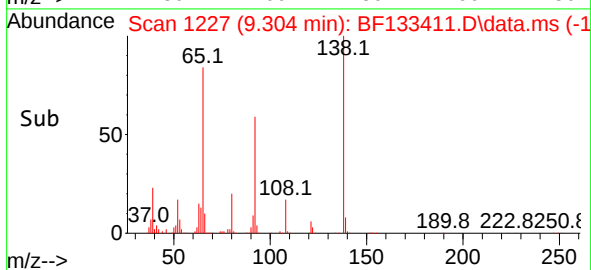
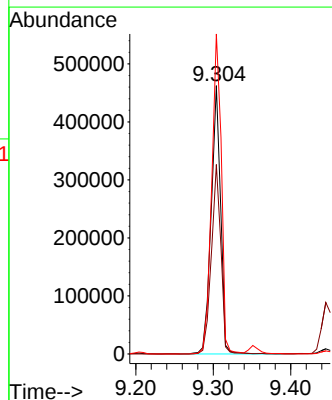
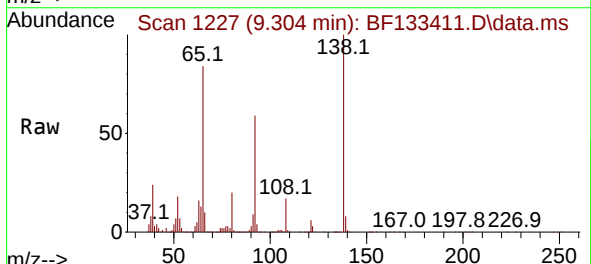
Instrument :
BNA_F
ClientSampleId :
PB152566BS

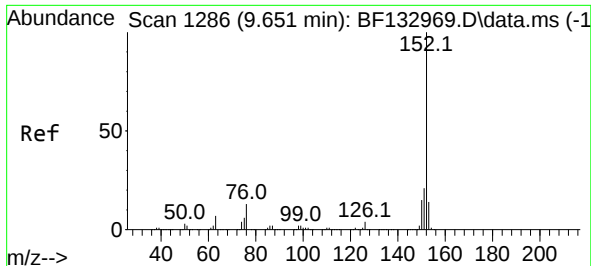
Tgt Ion:162 Resp: 1271958
Ion Ratio Lower Upper
162 100
127 40.9 32.3 48.5
164 33.5 26.8 40.2



#48
2-Nitroaniline
Concen: 38.277 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion: 65 Resp: 392407
Ion Ratio Lower Upper
65 100
92 70.6 55.4 83.0
138 119.2 98.2 147.2





#49

Acenaphthylene

Concen: 39.009 ng

RT: 9.622 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

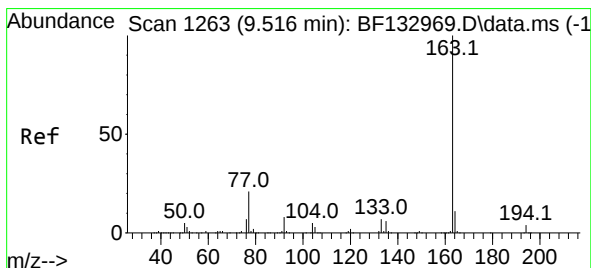
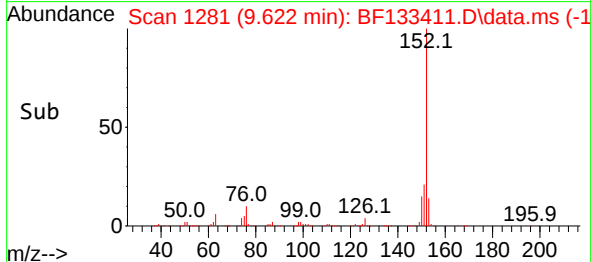
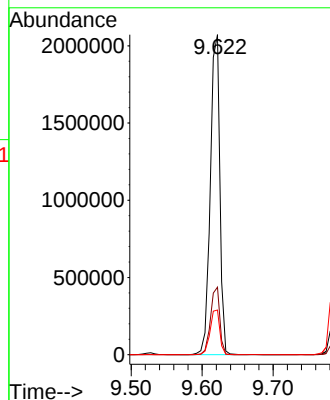
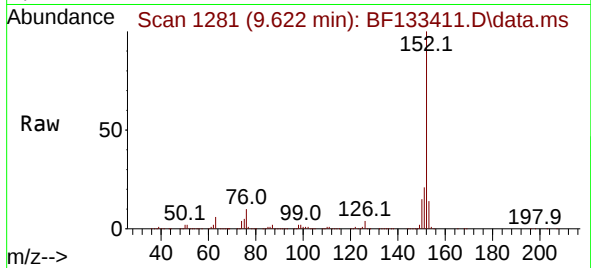
Tgt Ion:152 Resp: 1933455

Ion Ratio Lower Upper

152 100

151 21.1 16.6 24.8

153 13.9 11.5 17.3



#50

Dimethylphthalate

Concen: 39.994 ng

RT: 9.486 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

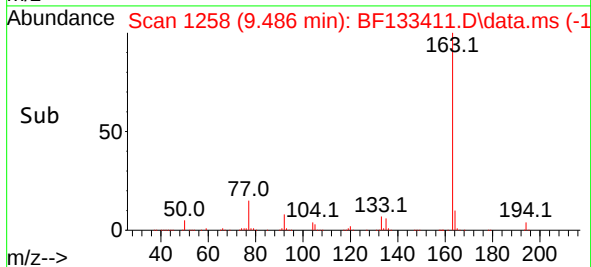
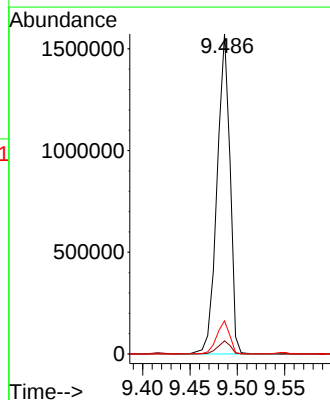
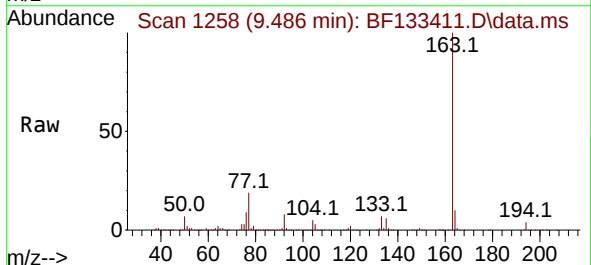
Tgt Ion:163 Resp: 1490445

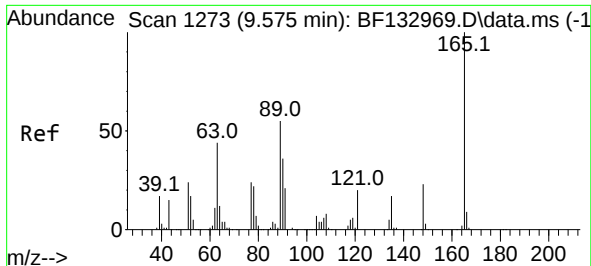
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.4 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 41.144 ng

RT: 9.551 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

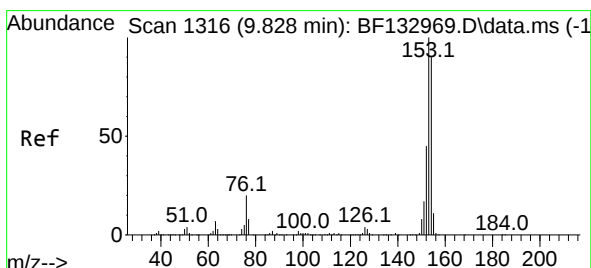
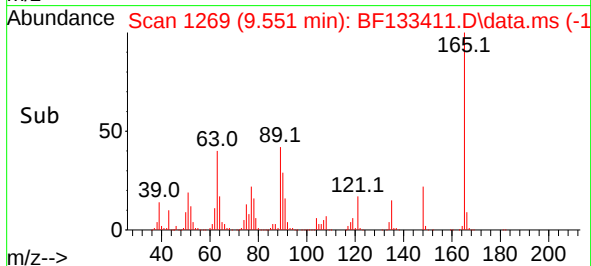
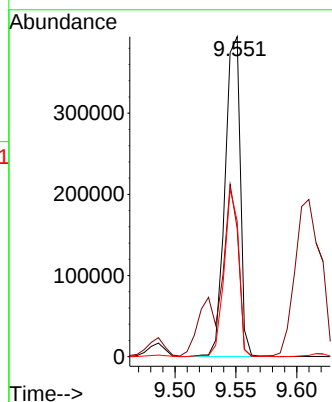
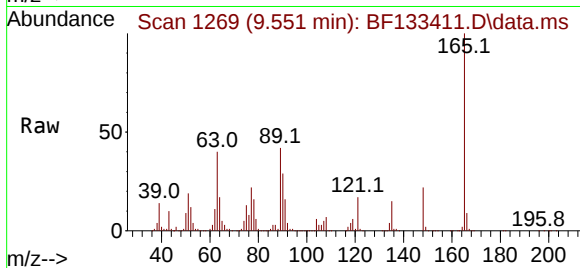
Tgt Ion:165 Resp: 345104

Ion Ratio Lower Upper

165 100

63 40.2 45.9 68.9#

89 42.4 44.0 66.0#



#52

Acenaphthene

Concen: 36.166 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

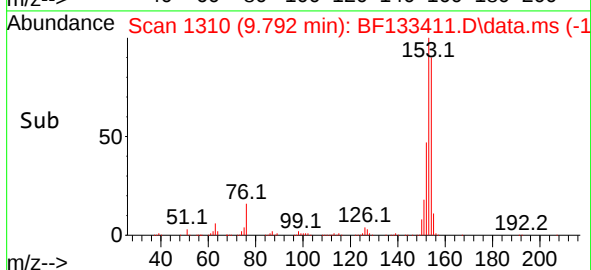
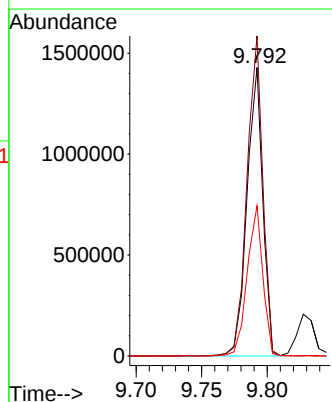
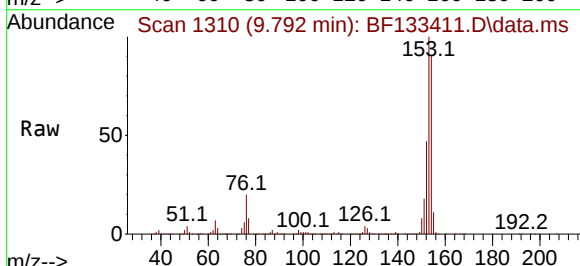
Tgt Ion:154 Resp: 1200573

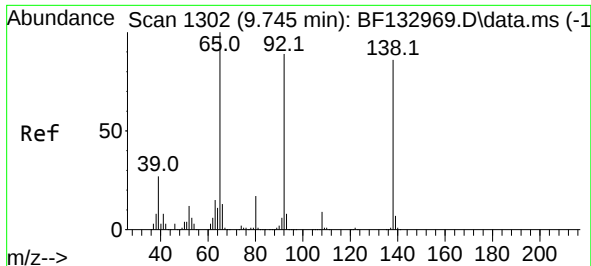
Ion Ratio Lower Upper

154 100

153 110.9 89.0 133.6

152 52.1 40.4 60.6

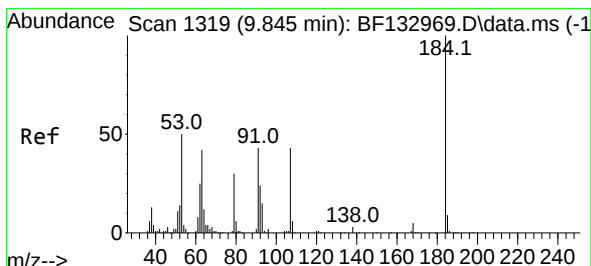
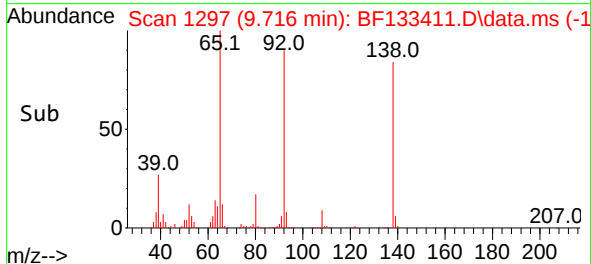
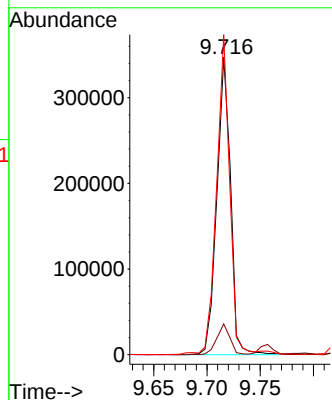
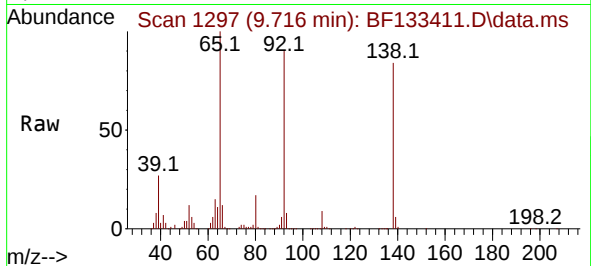




#53
3-Nitroaniline
Concen: 31.149 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

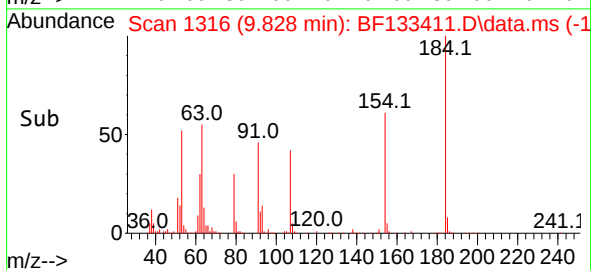
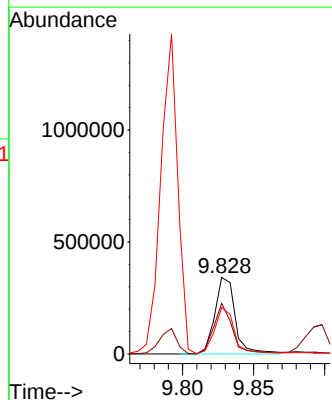
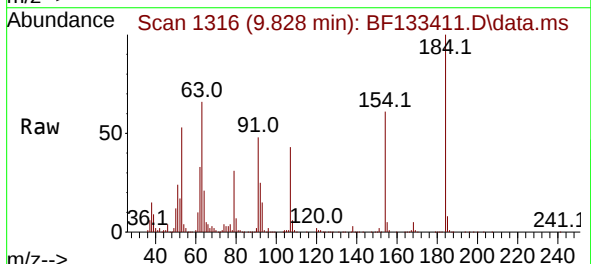
Instrument :
BNA_F
ClientSampleId :
PB152566BS

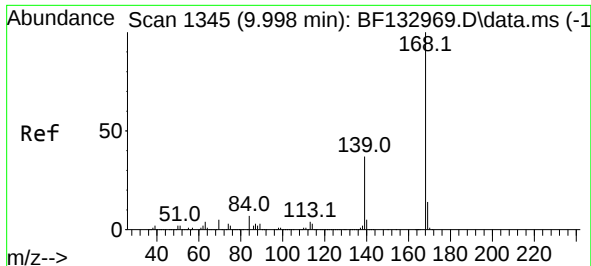
Tgt Ion:138 Resp: 310659
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 107.6 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 80.849 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:184 Resp: 340870
Ion Ratio Lower Upper
184 100
63 66.1 49.8 74.8
154 60.6 49.5 74.3

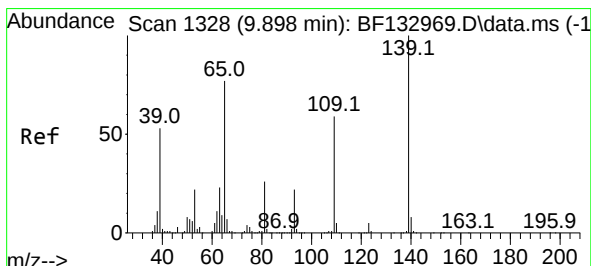
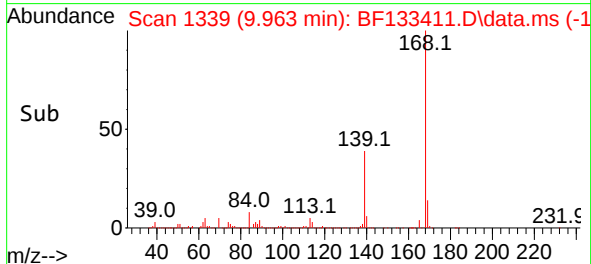
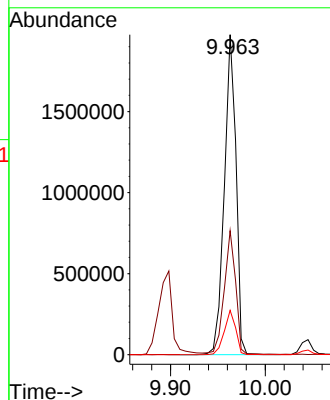
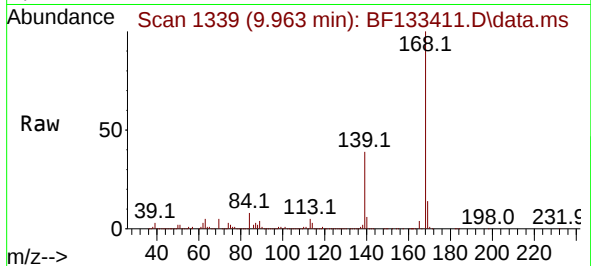




#55
Dibenzenofuran
Concen: 37.477 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

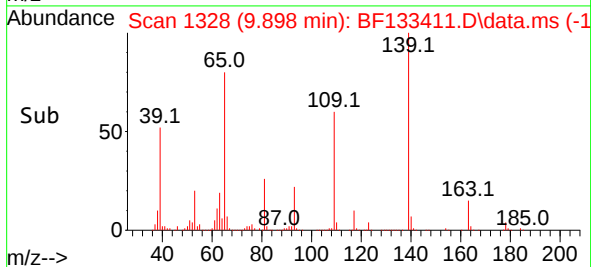
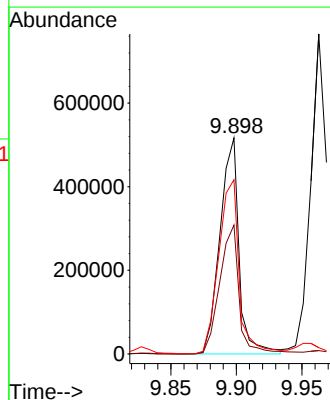
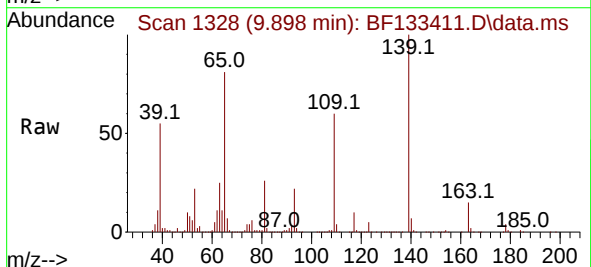
Instrument :
BNA_F
ClientSampleId :
PB152566BS

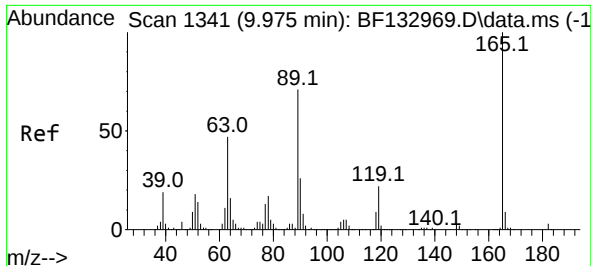
Tgt Ion:168 Resp: 1697065
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 67.537 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:139 Resp: 521687
Ion Ratio Lower Upper
139 100
109 59.7 39.4 79.4
65 80.7 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 40.363 ng

RT: 9.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133411.D

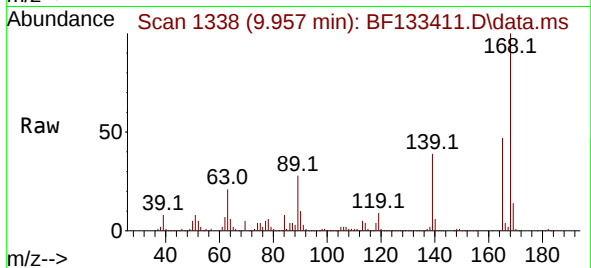
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS



Tgt Ion:165 Resp: 431750

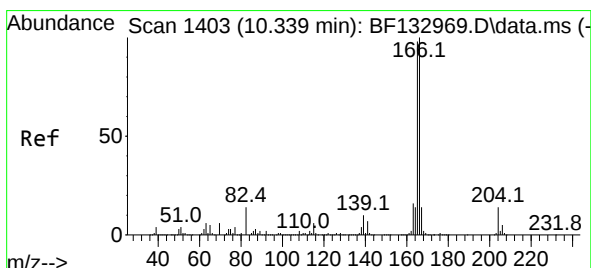
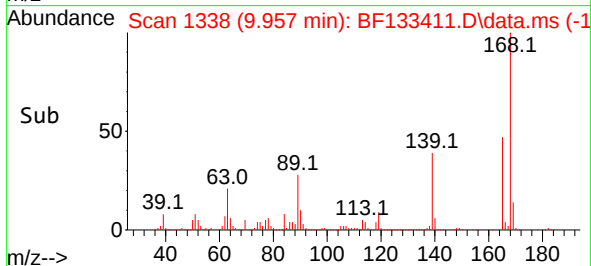
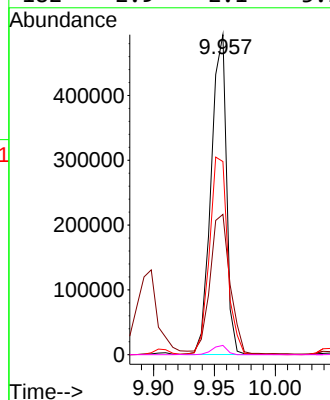
Ion Ratio Lower Upper

165 100

63 43.9 37.7 56.5

89 60.4 57.0 85.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 38.929 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

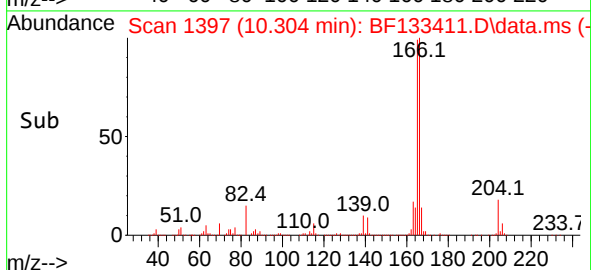
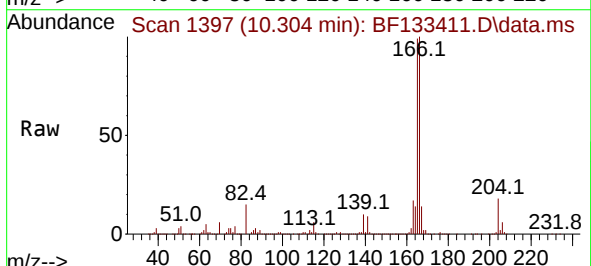
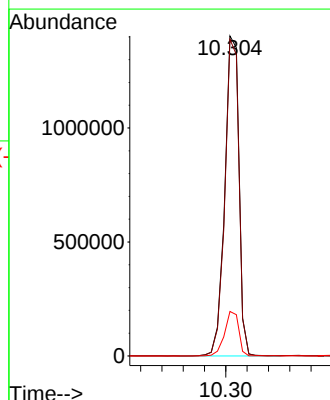
Tgt Ion:166 Resp: 1291497

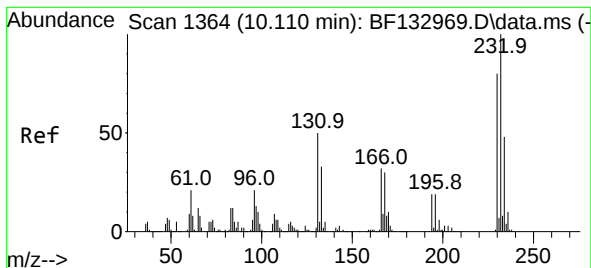
Ion Ratio Lower Upper

166 100

165 98.9 78.6 117.8

167 13.9 11.0 16.4

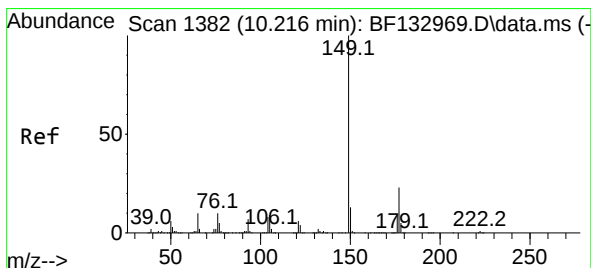
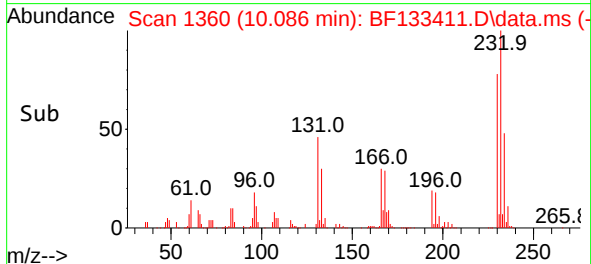
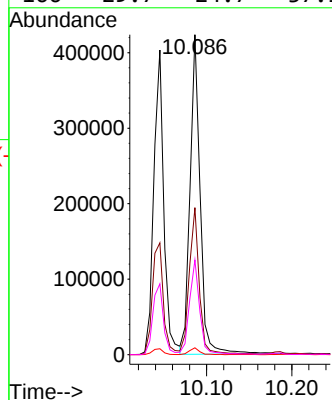
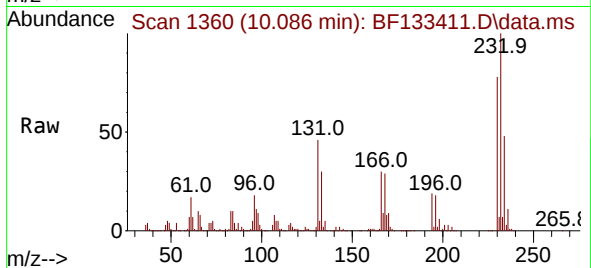




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.088 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

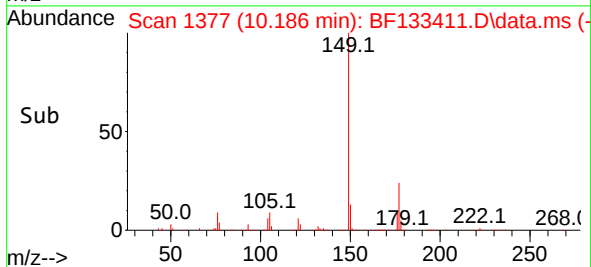
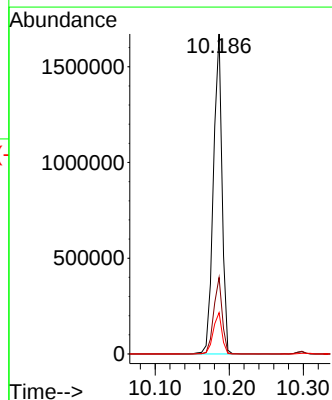
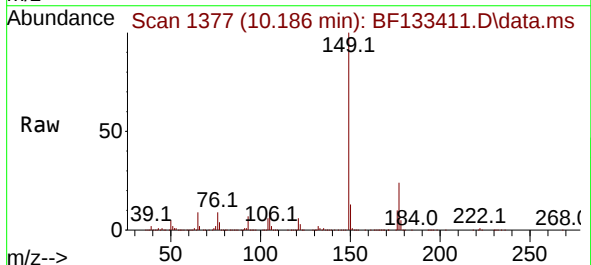
Instrument :
BNA_F
ClientSampleId :
PB152566BS

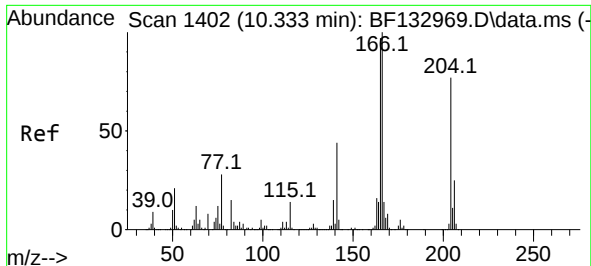
Tgt Ion:232 Resp: 348289
Ion Ratio Lower Upper
232 100
131 45.3 38.0 57.0
130 2.2 1.8 2.8
166 29.7 24.7 37.1



#60
Diethylphthalate
Concen: 38.388 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:149 Resp: 1351287
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.4
150 12.9 10.2 15.4

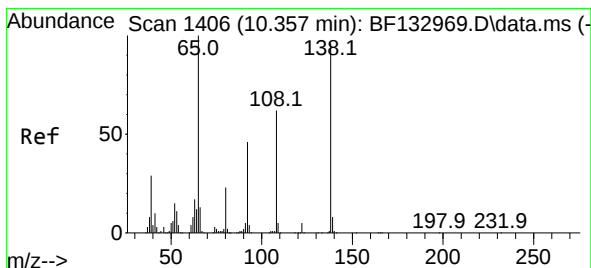
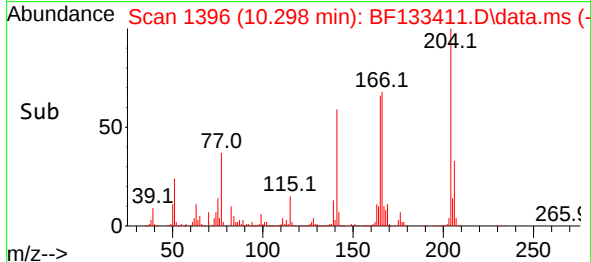
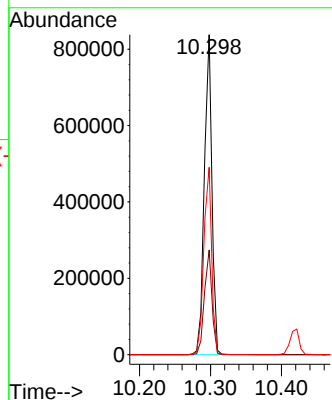
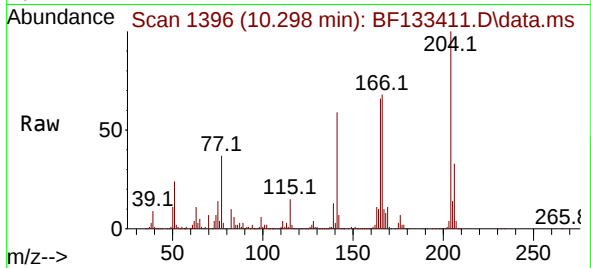




#61
4-Chlorophenyl-phenylether
Concen: 38.681 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

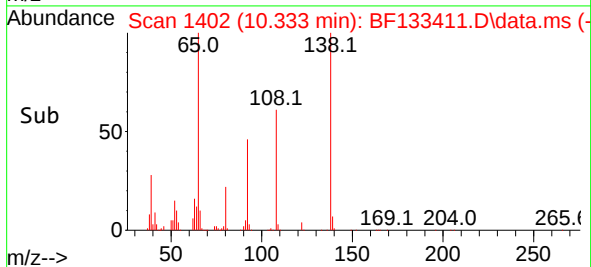
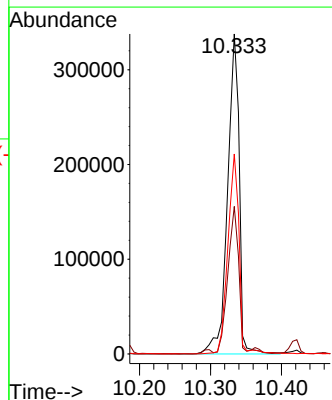
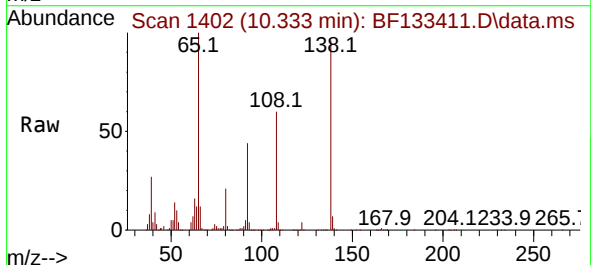
Instrument :
BNA_F
ClientSampleId :
PB152566BS

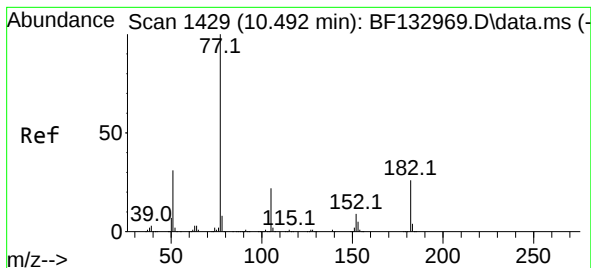
Tgt Ion:204 Resp: 625359
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 58.6 46.1 69.1



#62
4-Nitroaniline
Concen: 41.845 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:138 Resp: 383573
Ion Ratio Lower Upper
138 100
92 46.1 27.7 67.7
108 62.5 45.2 85.2





#63

Azobenzene

Concen: 36.500 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

Tgt Ion: 77 Resp: 1361083

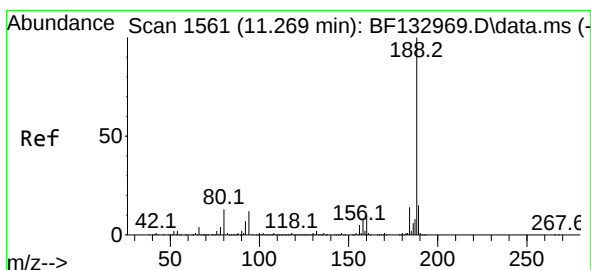
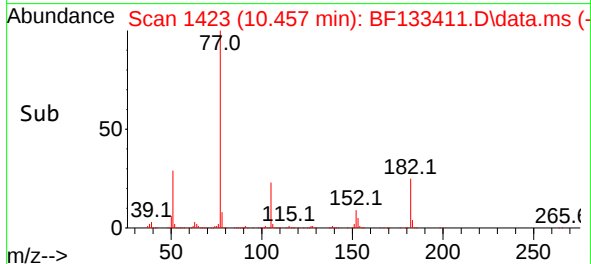
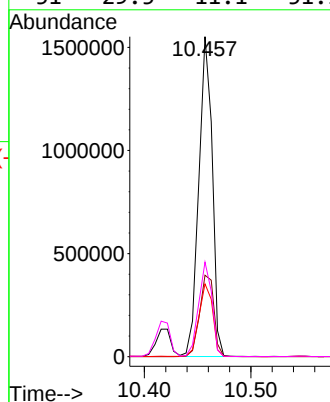
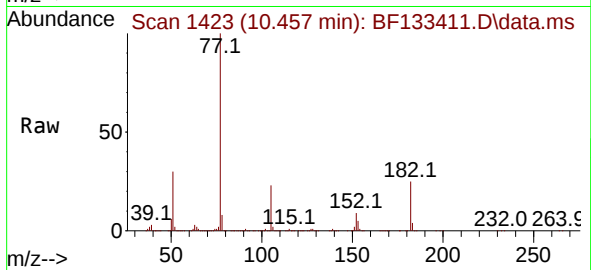
Ion Ratio Lower Upper

77 100

182 25.5 5.9 45.9

105 22.7 2.3 42.3

51 29.5 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

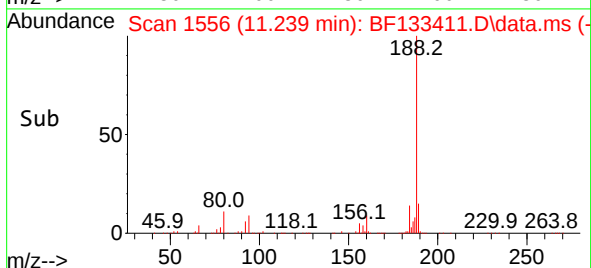
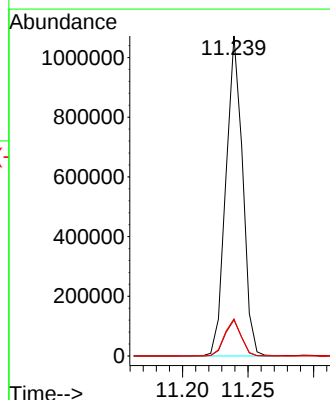
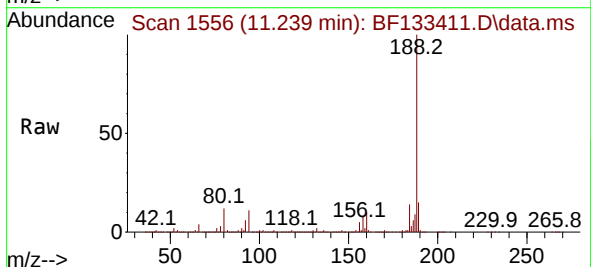
Tgt Ion:188 Resp: 947490

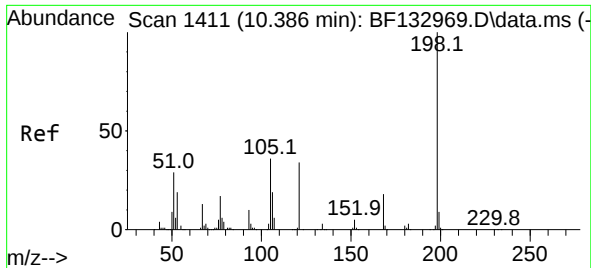
Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.6 10.4 15.6

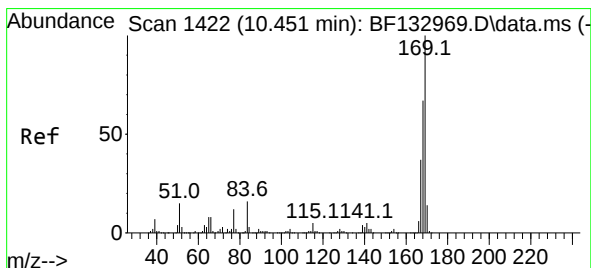
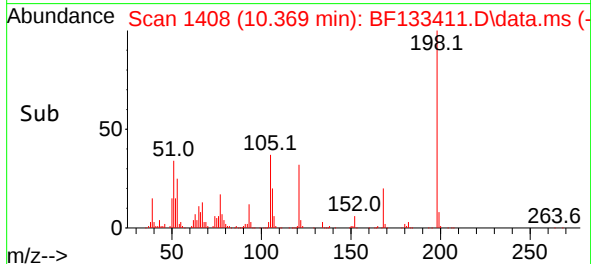
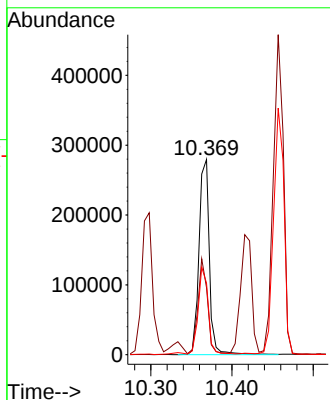
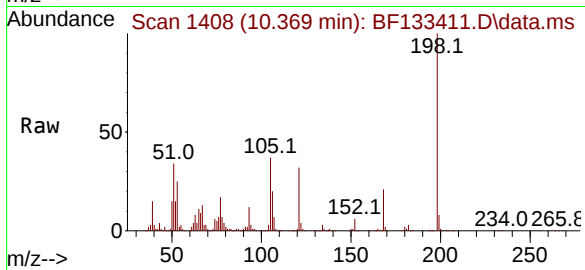




#65
4,6-Dinitro-2-methylphenol
Concen: 43.459 ng
RT: 10.369 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

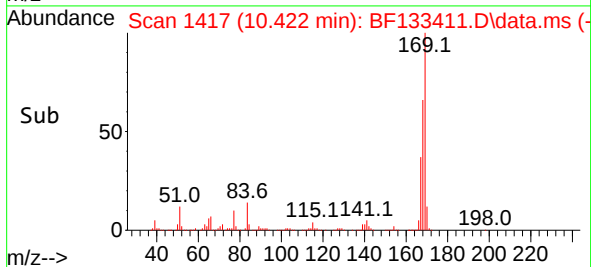
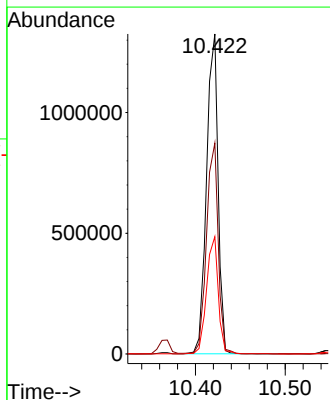
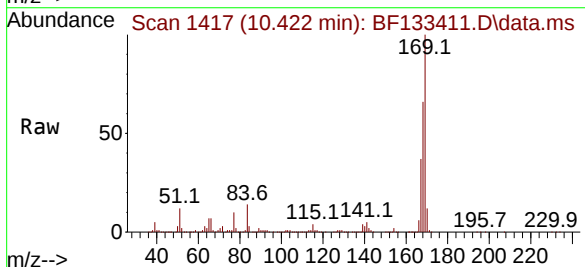
Instrument :
BNA_F
ClientSampleId :
PB152566BS

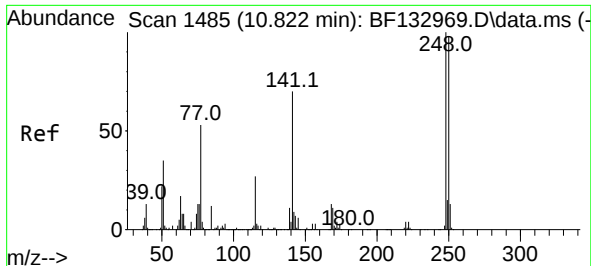
Tgt Ion:198 Resp: 249582
Ion Ratio Lower Upper
198 100
51 34.4 15.5 55.5
105 36.7 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 38.485 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:169 Resp: 1182803
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.8
167 36.7 29.7 44.5





#67

4-Bromophenyl-phenylether

Concen: 38.797 ng

RT: 10.786 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

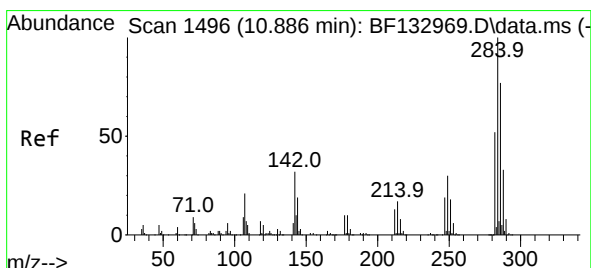
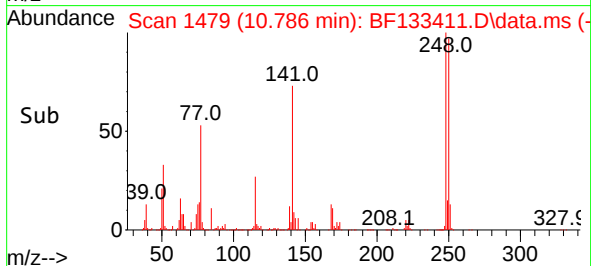
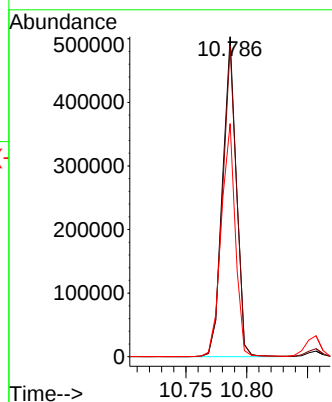
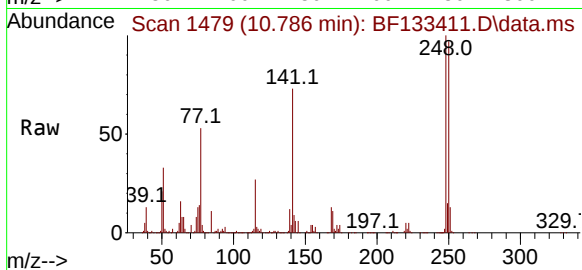
Tgt Ion:248 Resp: 398682

Ion Ratio Lower Upper

248 100

250 97.1 78.7 118.1

141 72.9 56.3 84.5



#68

Hexachlorobenzene

Concen: 41.227 ng

RT: 10.857 min Scan# 1491

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

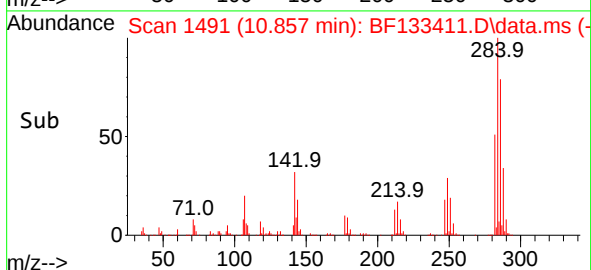
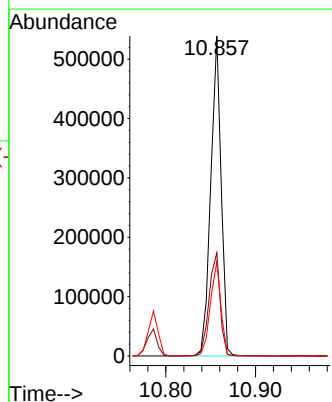
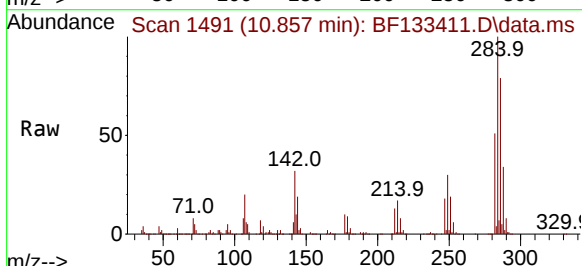
Tgt Ion:284 Resp: 434115

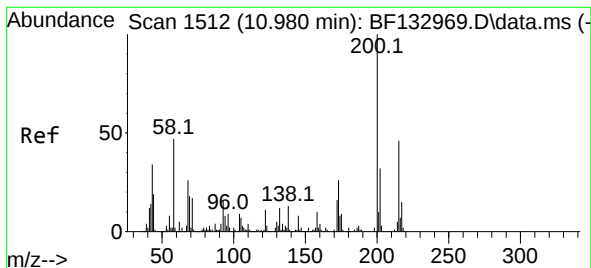
Ion Ratio Lower Upper

284 100

142 32.3 26.0 39.0

249 29.5 23.7 35.5





#69

Atrazine

Concen: 45.534 ng

RT: 10.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

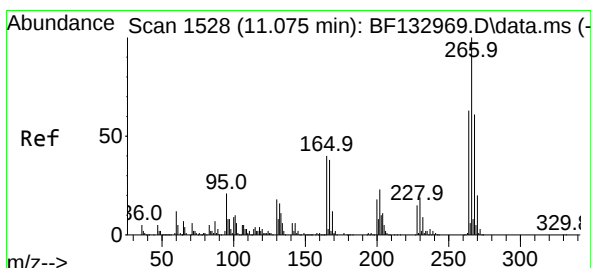
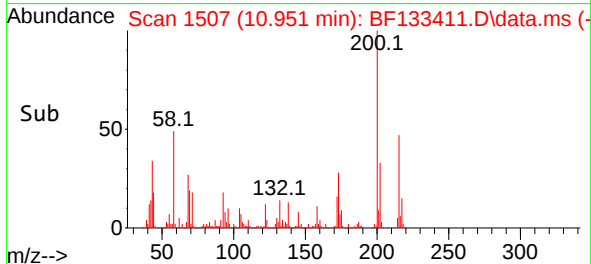
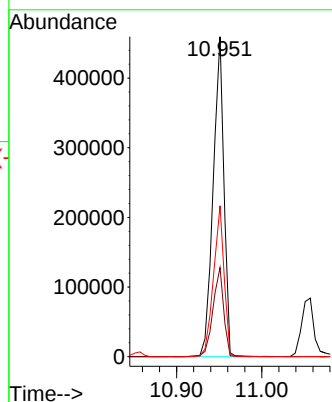
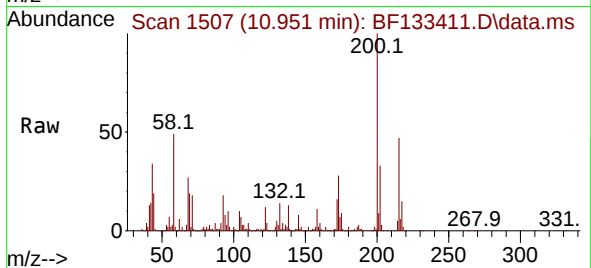
Tgt Ion:200 Resp: 403246

Ion Ratio Lower Upper

200 100

173 27.9 6.2 46.2

215 47.1 26.3 66.3



#70

Pentachlorophenol

Concen: 67.375 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

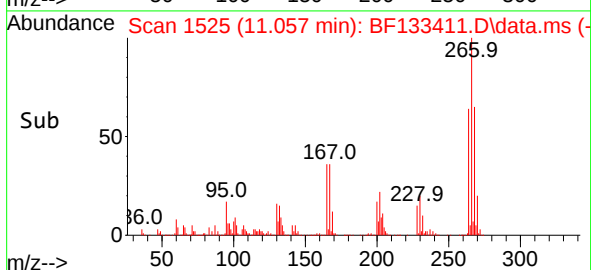
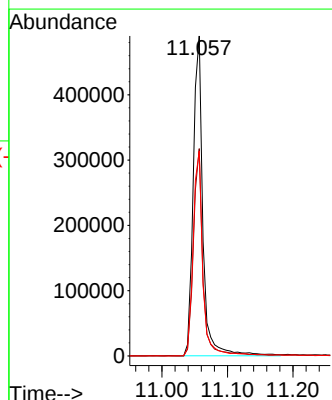
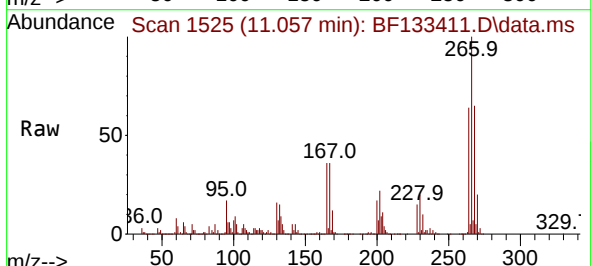
Tgt Ion:266 Resp: 505262

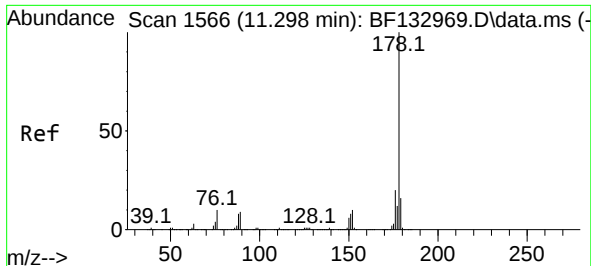
Ion Ratio Lower Upper

266 100

268 64.8 48.8 73.2

264 64.1 50.6 76.0

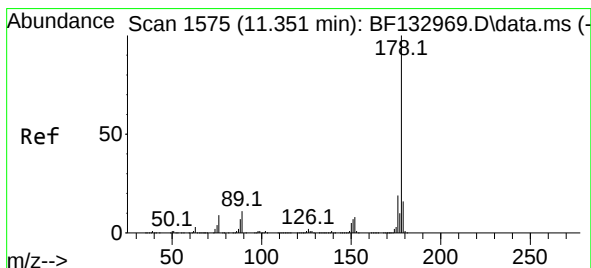
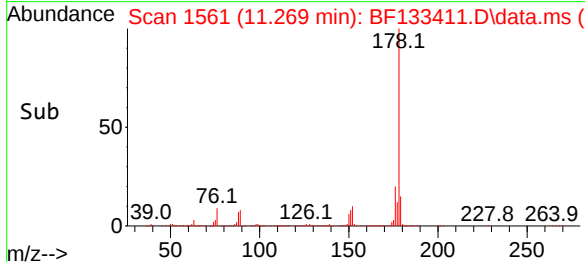
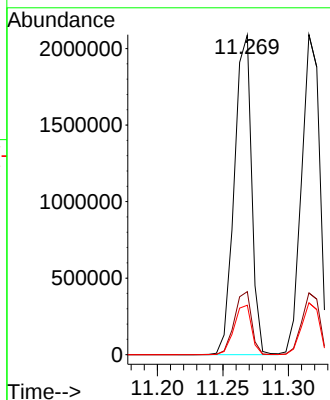
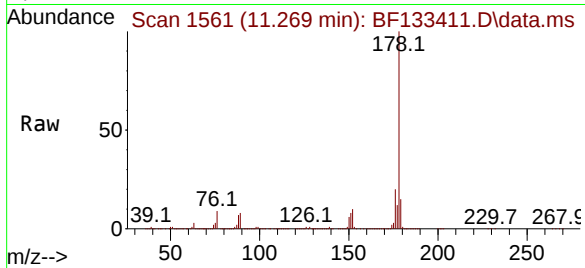




#71
Phenanthrene
Concen: 37.711 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

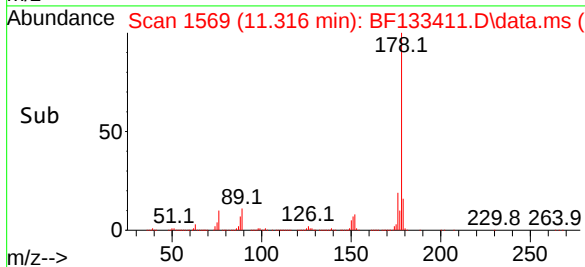
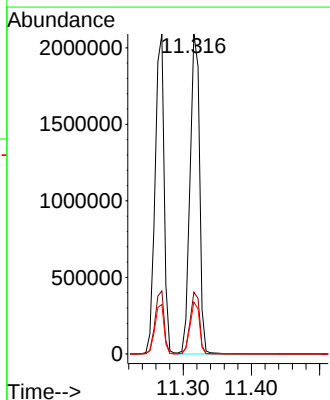
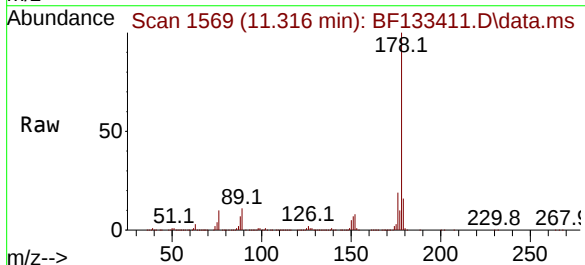
Instrument :
BNA_F
ClientSampleId :
PB152566BS

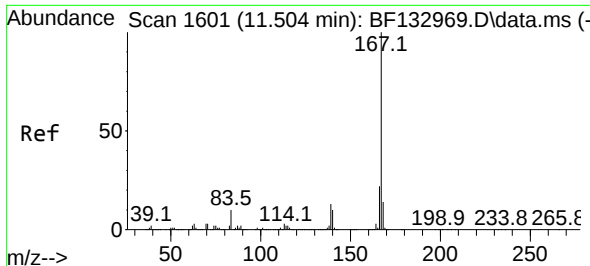
Tgt Ion:178 Resp: 1920420
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 38.397 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:178 Resp: 2001089
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.2 12.4 18.6

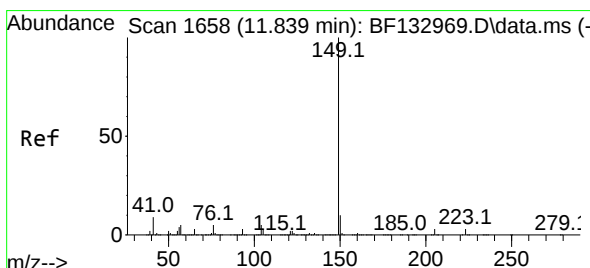
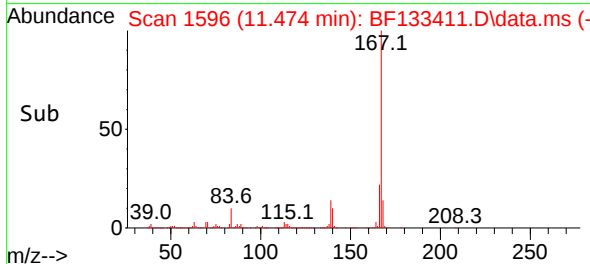
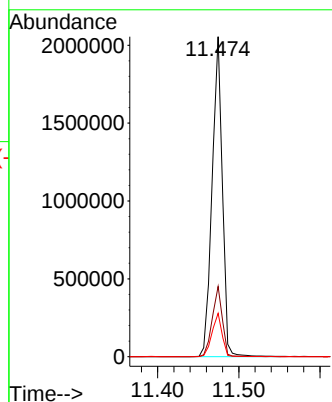
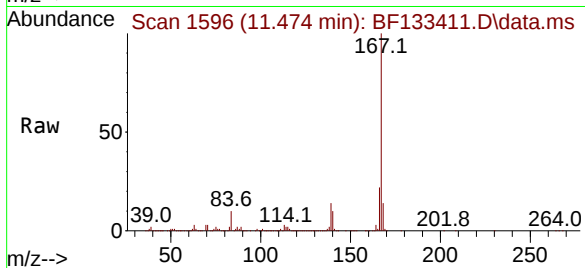




#73
 Carbazole
 Concen: 38.597 ng
 RT: 11.474 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

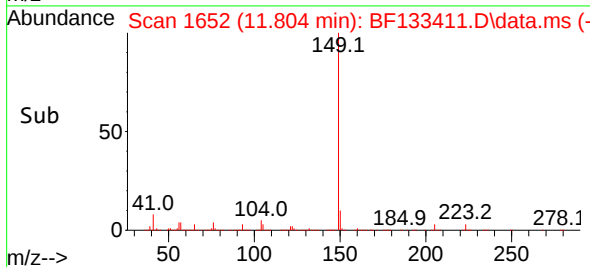
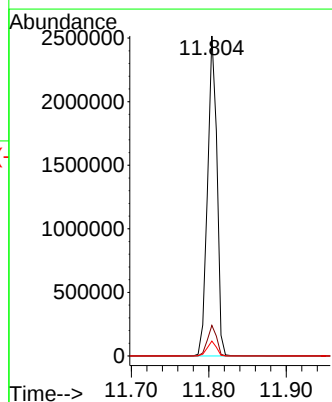
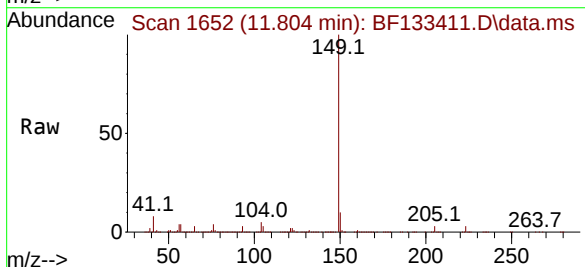
Instrument :
 BNA_F
 ClientSampleId :
 PB152566BS

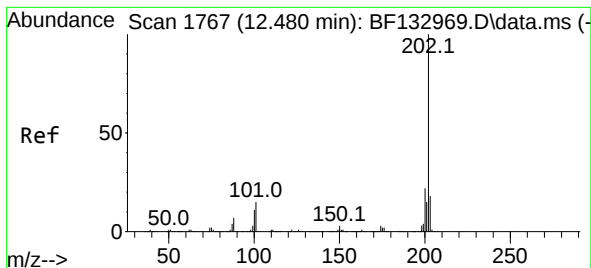
Tgt Ion:167 Resp: 1791112
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 40.268 ng
 RT: 11.804 min Scan# 1652
 Delta R.T. -0.006 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

Tgt Ion:149 Resp: 2114665
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 37.588 ng

RT: 12.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

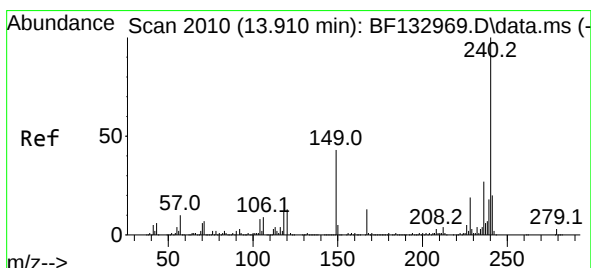
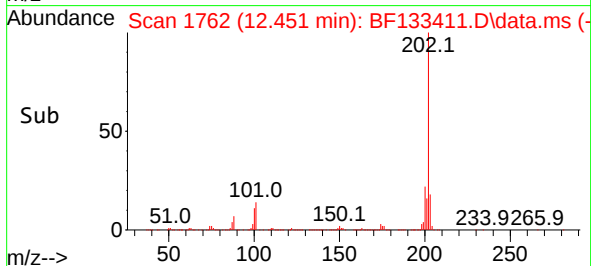
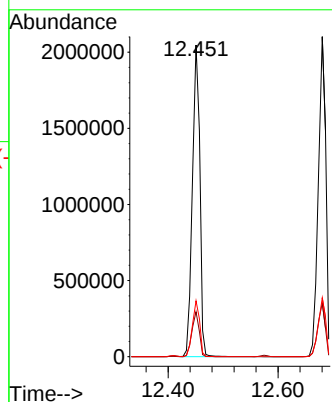
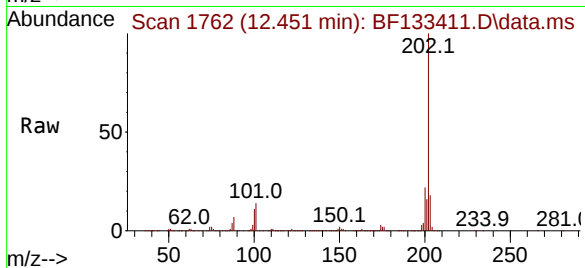
Tgt Ion:202 Resp: 1921054

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.3

203 17.9 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

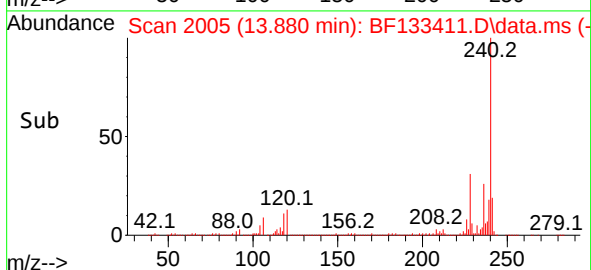
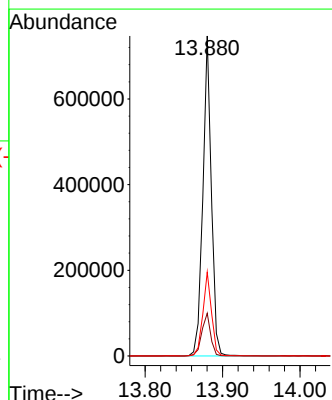
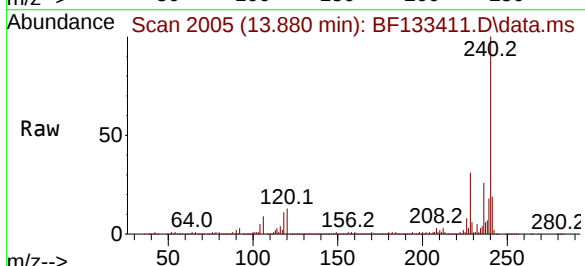
Tgt Ion:240 Resp: 569254

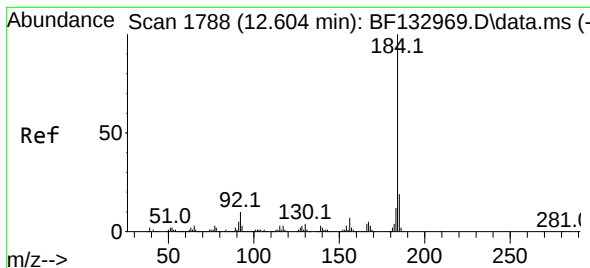
Ion Ratio Lower Upper

240 100

120 13.4 10.5 15.7

236 26.2 21.5 32.3





#77

Benzidine

Concen: 116.506 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

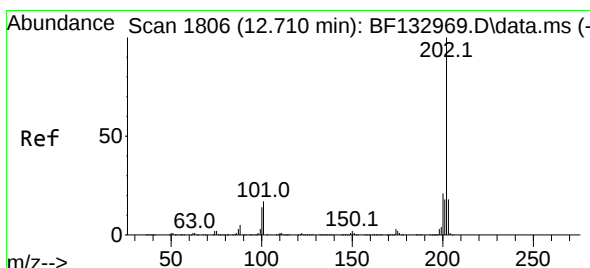
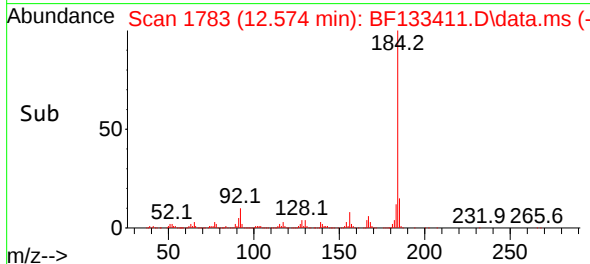
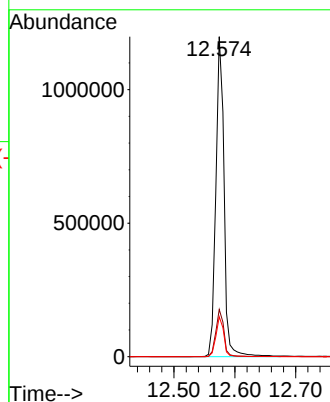
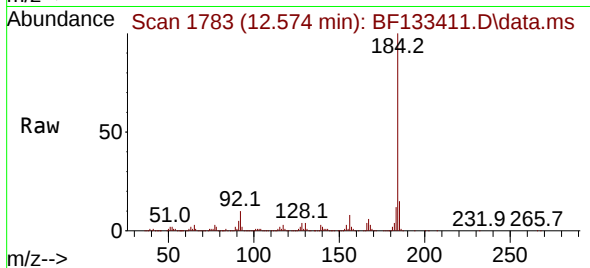
Tgt Ion:184 Resp: 1121532

Ion Ratio Lower Upper

184 100

185 14.7 15.4 23.2#

183 12.5 9.4 14.0



#78

Pyrene

Concen: 40.351 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

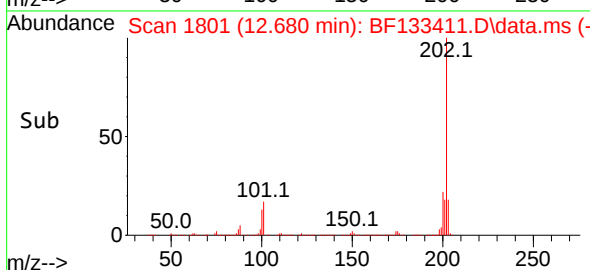
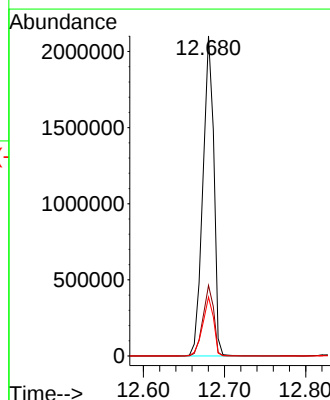
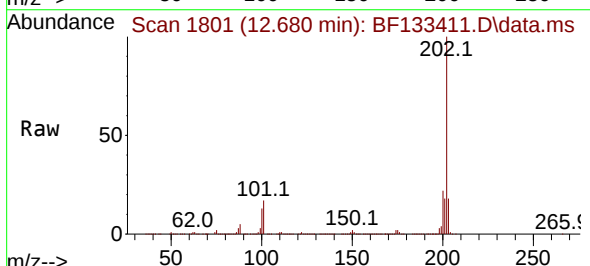
Tgt Ion:202 Resp: 1969075

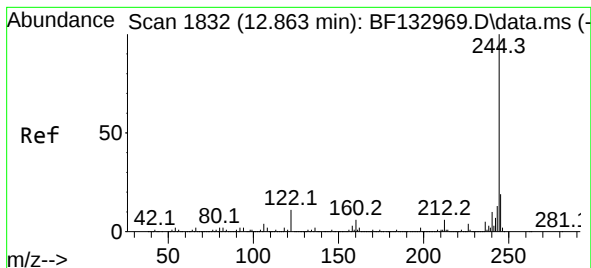
Ion Ratio Lower Upper

202 100

200 22.1 17.1 25.7

203 18.4 14.1 21.1





#79

Terphenyl-d14

Concen: 66.072 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

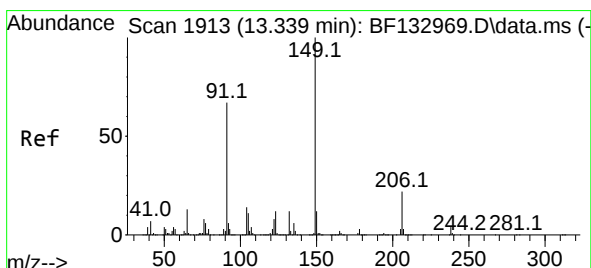
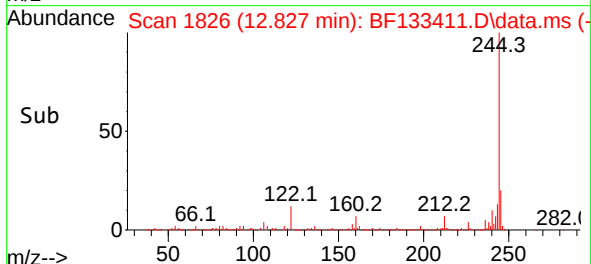
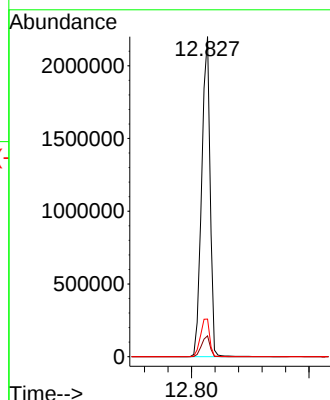
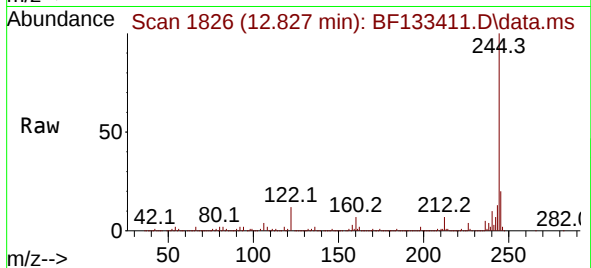
Tgt Ion:244 Resp: 2180825

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.7 8.6 13.0



#80

Butylbenzylphthalate

Concen: 48.957 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

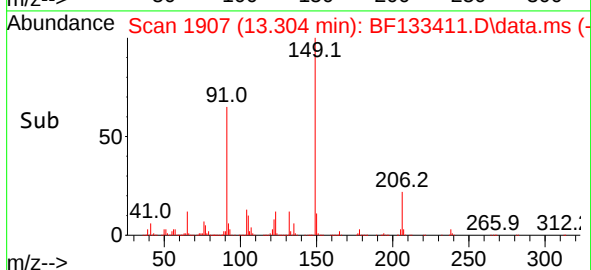
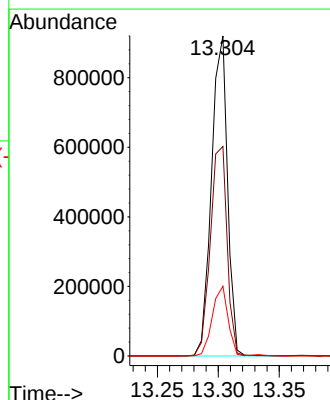
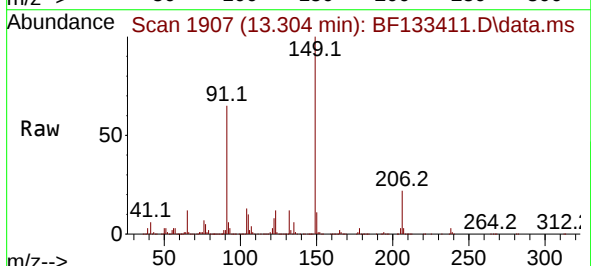
Tgt Ion:149 Resp: 845890

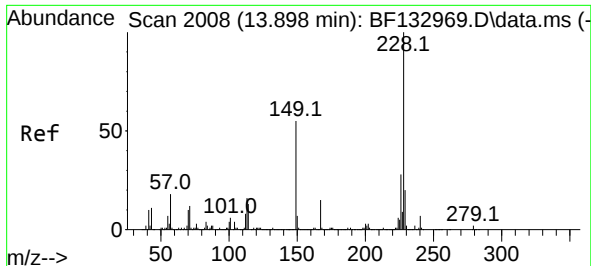
Ion Ratio Lower Upper

149 100

91 65.5 53.8 80.6

206 21.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 36.844 ng

RT: 13.868 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

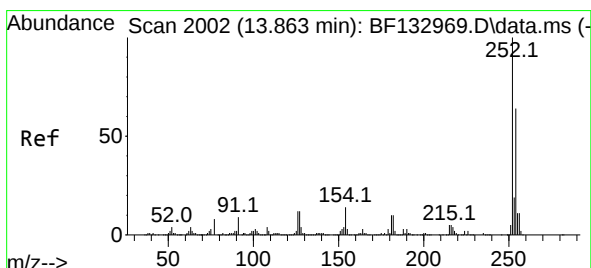
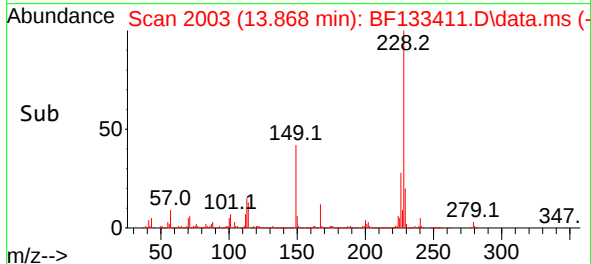
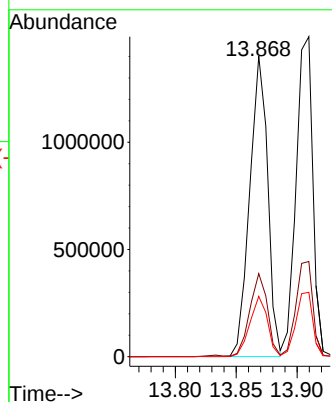
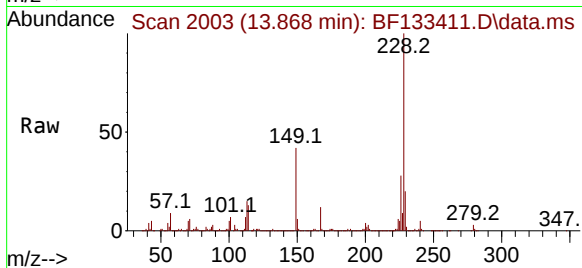
Tgt Ion:228 Resp: 1442288

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 33.439 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

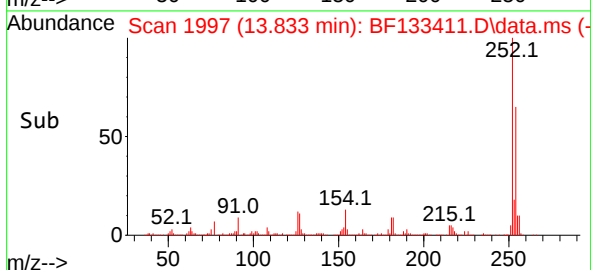
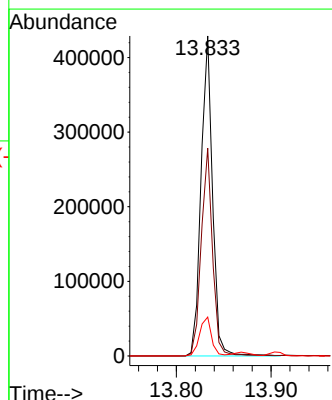
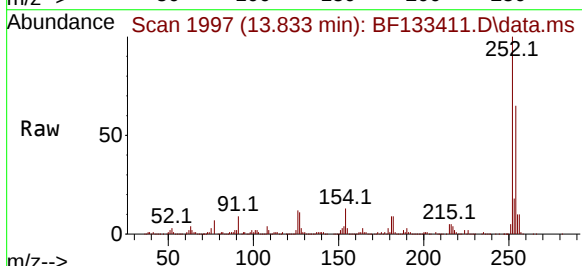
Tgt Ion:252 Resp: 361610

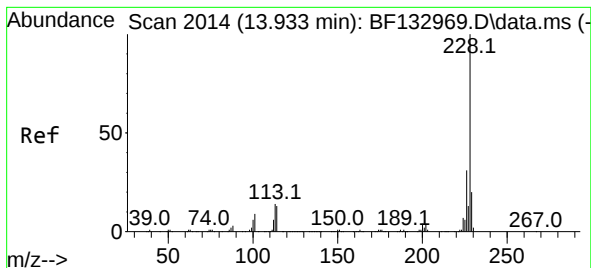
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 12.2 9.5 14.3





#83

Chrysene

Concen: 36.525 ng

RT: 13.910 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

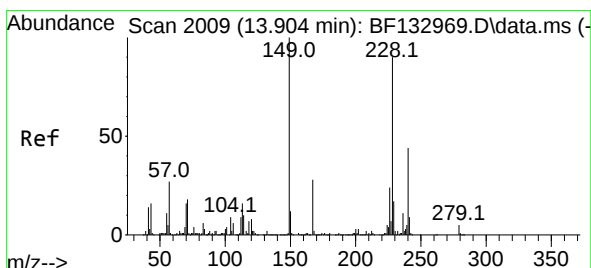
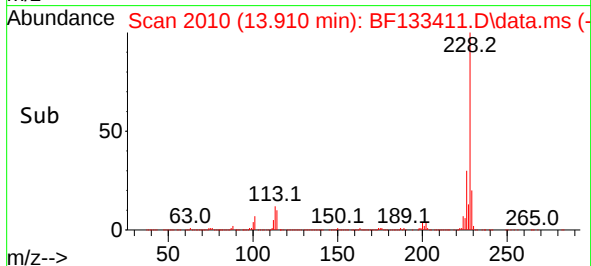
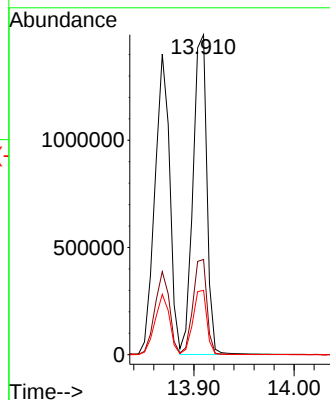
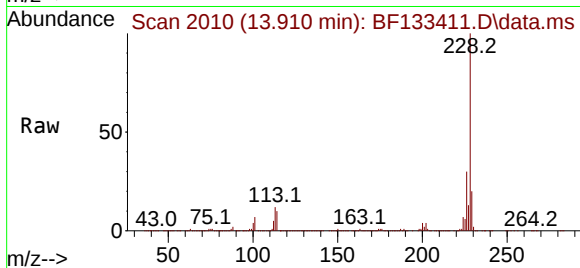
Tgt Ion:228 Resp: 1429432

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.547 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

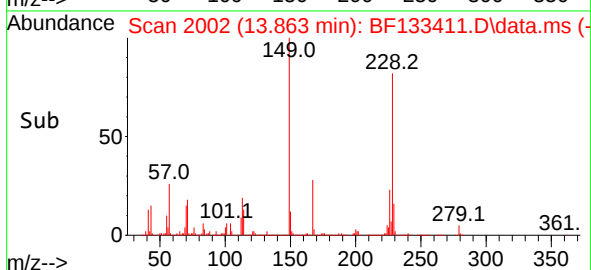
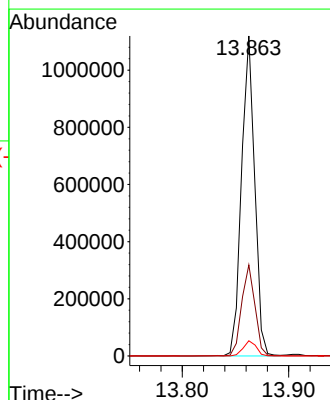
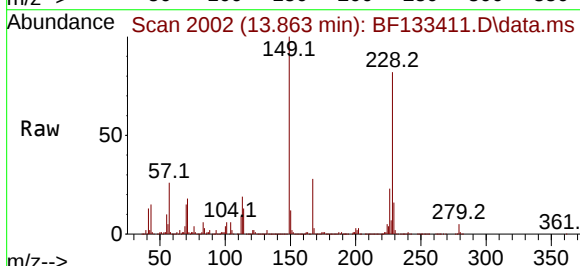
Tgt Ion:149 Resp: 966103

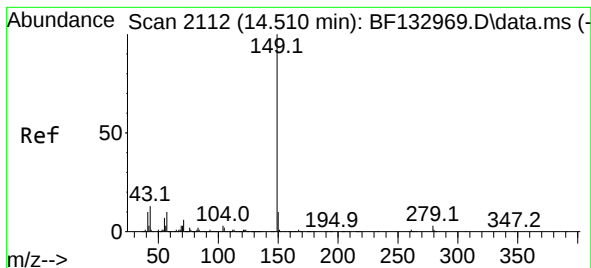
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 43.994 ng

RT: 14.474 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

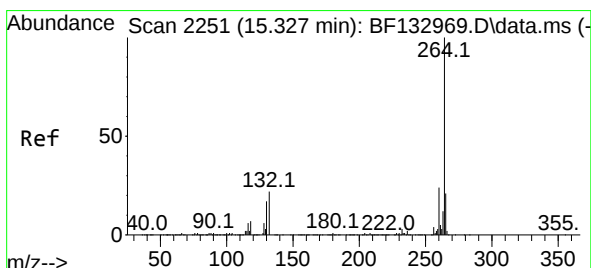
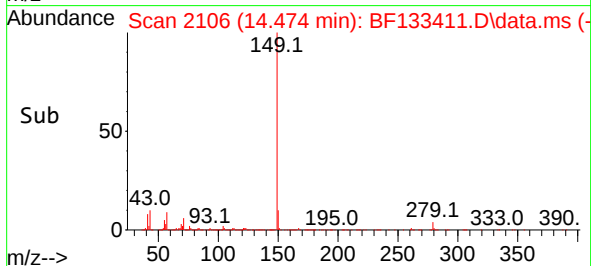
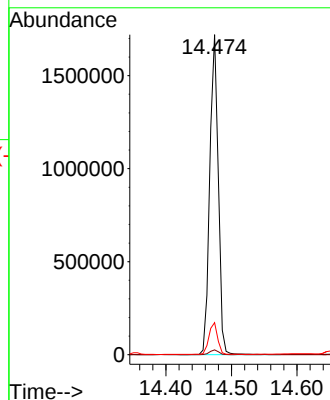
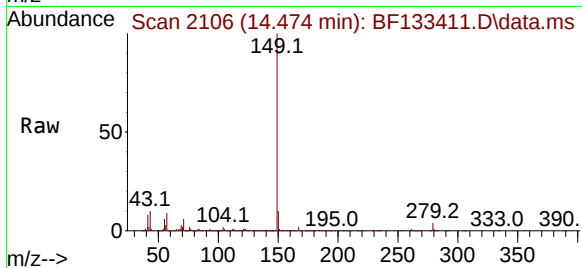
Tgt Ion:149 Resp: 1555735

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.2 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

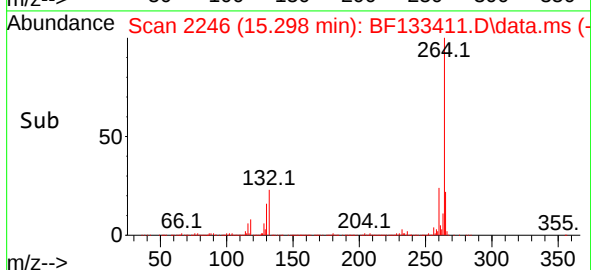
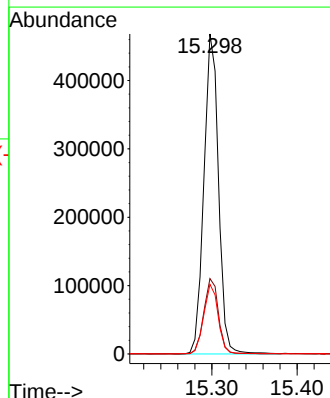
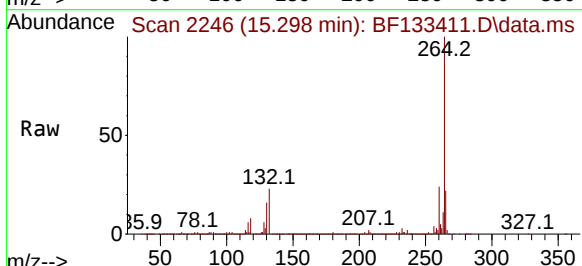
Tgt Ion:264 Resp: 556549

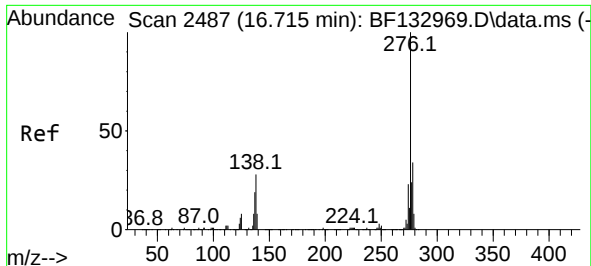
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.7 17.0 25.4

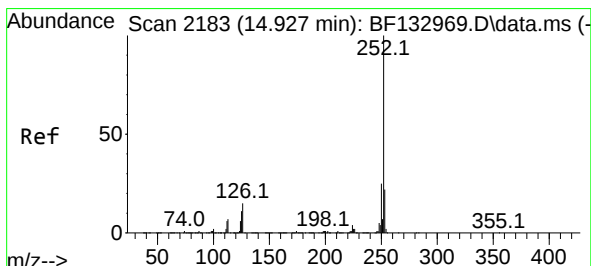
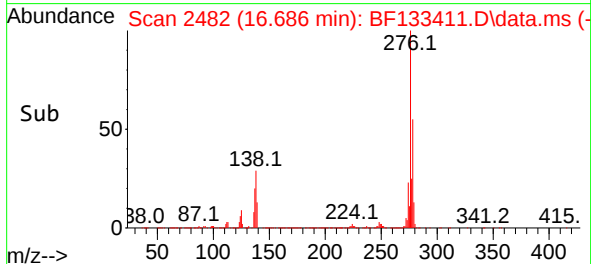
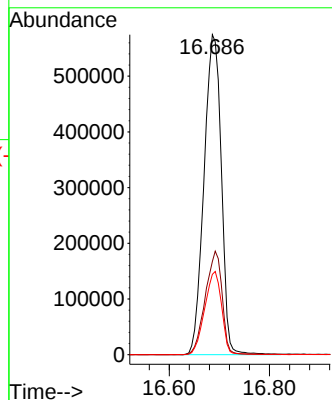
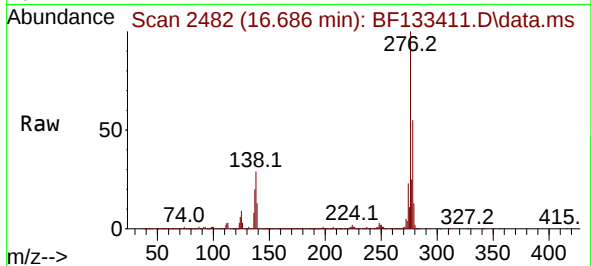




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.501 ng
 RT: 16.686 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

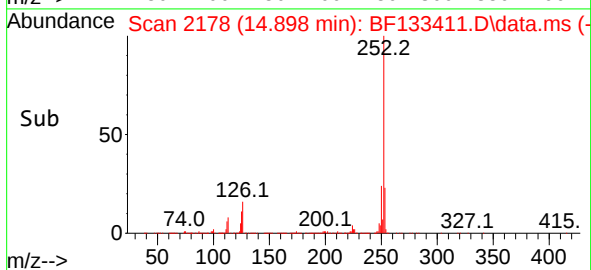
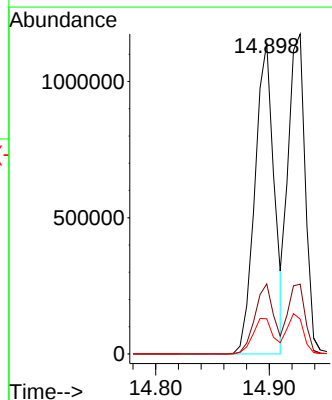
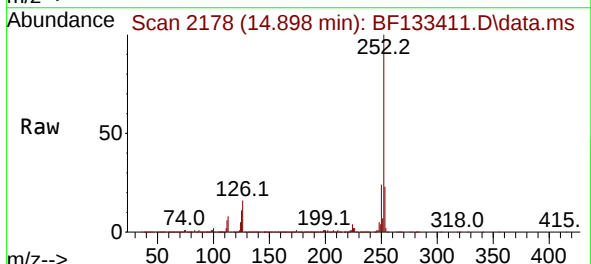
Instrument :
 BNA_F
 ClientSampleId :
 PB152566BS

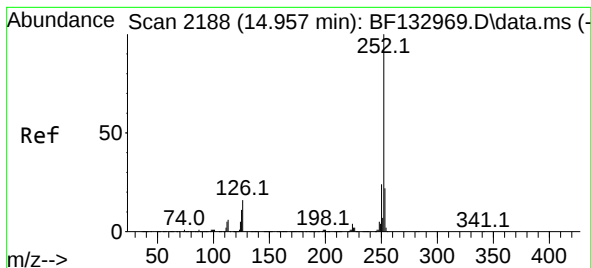
Tgt Ion:276 Resp: 1377139
 Ion Ratio Lower Upper
 276 100
 138 31.5 25.5 38.3
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 37.984 ng
 RT: 14.898 min Scan# 2178
 Delta R.T. -0.000 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

Tgt Ion:252 Resp: 1344893
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.6 26.4
 125 11.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 35.167 ng

RT: 14.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

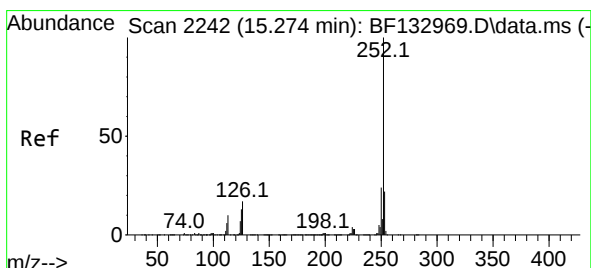
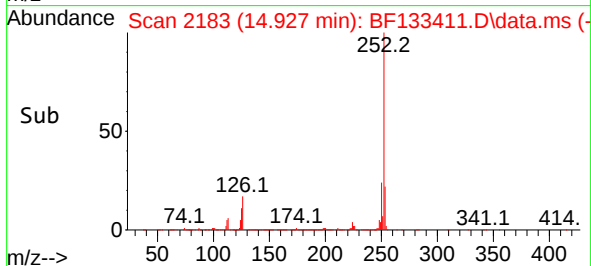
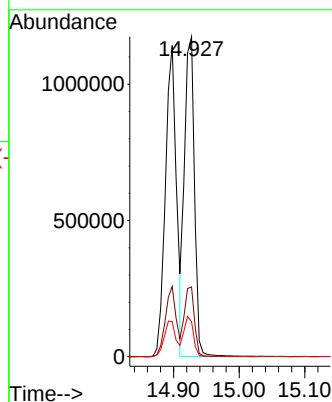
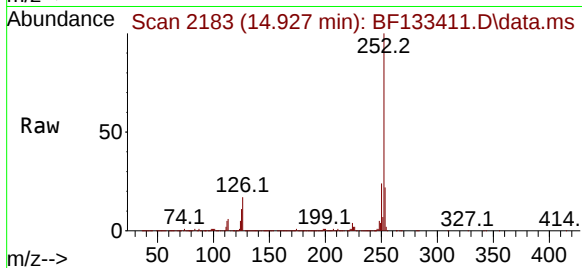
Tgt Ion:252 Resp: 1234304

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.9 9.0 13.4



#90

Benzo(a)pyrene

Concen: 34.835 ng

RT: 15.245 min Scan# 2237

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

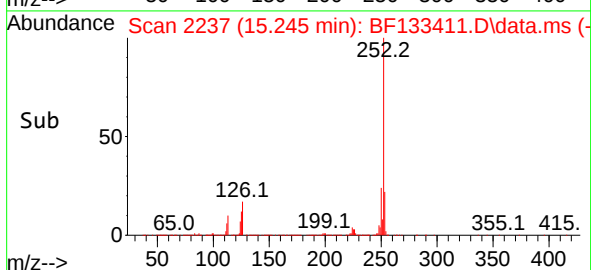
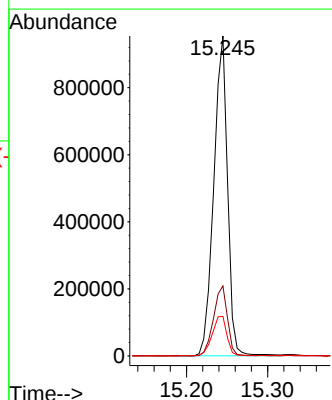
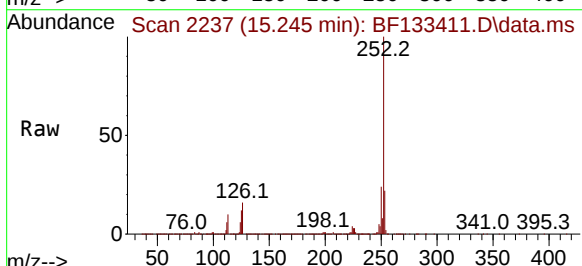
Tgt Ion:252 Resp: 1122659

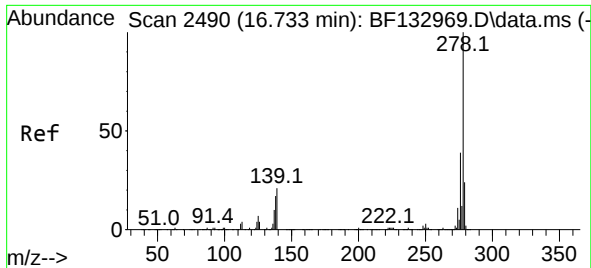
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 12.3 10.5 15.7

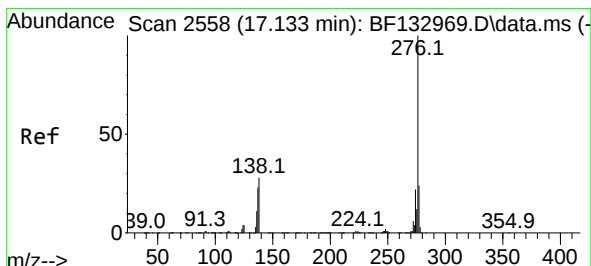
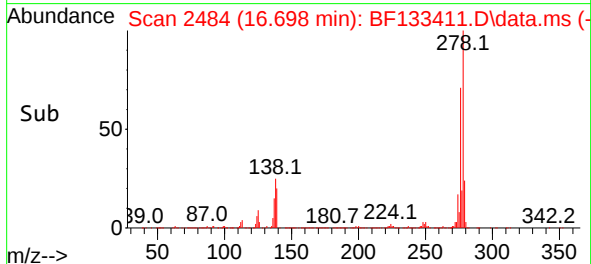
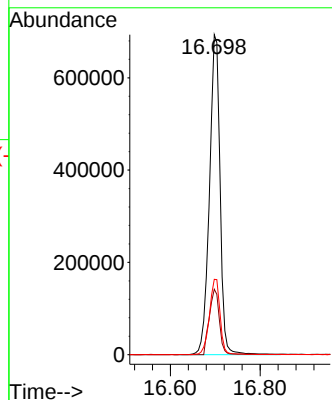
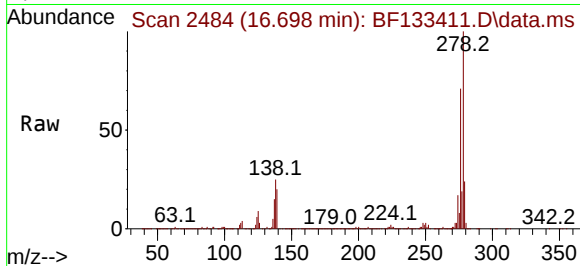




#91
 Dibenzo(a,h)anthracene
 Concen: 43.077 ng
 RT: 16.698 min Scan# 2490
 Delta R.T. -0.006 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB152566BS

Tgt Ion:278 Resp: 1137412
 Ion Ratio Lower Upper
 278 100
 139 20.4 16.6 24.8
 279 23.6 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 44.640 ng
 RT: 17.104 min Scan# 2553
 Delta R.T. -0.006 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

Tgt Ion:276 Resp: 1163661
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.4 29.0
 138 28.0 22.7 34.1

