

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133414.D
 Acq On : 17 May 2023 15:39
 Operator : CG\JU
 Sample : 02774-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 17:12:44 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	248846	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	1038096	20.000	ng	-0.01
39) Acenaphthene-d10	9.757	164	557626	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1004540	20.000	ng	0.00
76) Chrysene-d12	13.880	240	460502	20.000	ng	0.00
86) Perylene-d12	15.298	264	505271	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1927569	117.012	ng	0.02
7) Phenol-d6	6.369	99	2228429	108.987	ng	0.00
23) Nitrobenzene-d5	7.286	82	1580427	82.176	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	695644	124.045	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2690580	80.723	ng	0.00
79) Terphenyl-d14	12.827	244	3053681	114.366	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.546	88	290793	38.058	ng	# 79
3) Pyridine	3.228	79	670755	33.052	ng	96
4) n-Nitrosodimethylamine	3.151	42	389134	37.019	ng	91
6) Aniline	6.381	93	567377	21.545	ng	# 1
8) 2-Chlorophenol	6.504	128	803088	48.015	ng	97
9) Benzaldehyde	6.263	77	321709	31.491	ng	99
10) Phenol	6.381	94	851483	37.749	ng	78
11) bis(2-Chloroethyl)ether	6.457	93	771344	45.570	ng	97
12) 1,3-Dichlorobenzene	6.657	146	804824	45.259	ng	98
13) 1,4-Dichlorobenzene	6.734	146	815318	45.748	ng	98
14) 1,2-Dichlorobenzene	6.886	146	777554	47.323	ng	99
15) Benzyl Alcohol	6.869	79	677440	47.964	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1155337	39.298	ng	77
17) 2-Methylphenol	6.987	107	643286	42.003	ng	95
18) Hexachloroethane	7.228	117	280724	45.307	ng	98
19) n-Nitroso-di-n-propyla...	7.139	70	525522	41.285	ng	96
20) 3+4-Methylphenols	7.145	107	783865	43.460	ng	# 62
22) Acetophenone	7.134	105	1104618	45.936	ng	92
24) Nitrobenzene	7.304	77	822161	42.187	ng	98
25) Isophorone	7.545	82	1587387	43.472	ng	99
26) 2-Nitrophenol	7.622	139	457146	48.633	ng	92
27) 2,4-Dimethylphenol	7.669	122	732826	45.466	ng	98
28) bis(2-Chloroethoxy)met...	7.757	93	958627	44.377	ng	99
29) 2,4-Dichlorophenol	7.869	162	688574	46.927	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	689032	45.327	ng	99
31) Naphthalene	8.022	128	2217792	42.731	ng	99
32) Benzoic acid	7.810	122	303843	30.518	ng	95
33) 4-Chloroaniline	8.075	127	264263	12.602	ng	99
34) Hexachlorobutadiene	8.139	225	374288	44.425	ng	98
35) Caprolactam	8.457	113	137969	27.990	ng	89
36) 4-Chloro-3-methylphenol	8.575	107	749326	47.356	ng	97
37) 2-Methylnaphthalene	8.716	142	1510935	42.581	ng	99
38) 1-Methylnaphthalene	8.816	142	1415488	42.642	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	636785	42.472	ng	99
41) Hexachlorocyclopentadiene	8.869	237	666130	76.182	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	470332	45.361	ng	98

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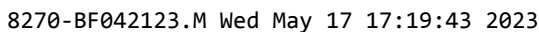
Instrument :
 BNA_F
 ClientSampleId :

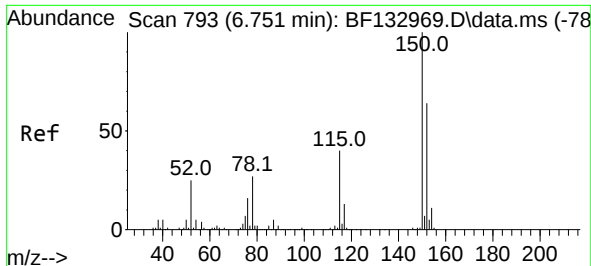
Quant Time: May 17 17:12:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	503121	41.956	ng	98
46) 1,1'-Biphenyl	9.180	154	1881237	42.545	ng	99
47) 2-Chloronaphthalene	9.204	162	1431370	44.227	ng	99
48) 2-Nitroaniline	9.304	65	473244	44.244	ng	97
49) Acenaphthylene	9.622	152	2180071	42.157	ng	99
50) Dimethylphthalate	9.486	163	1817339	46.740	ng	99
51) 2,6-Dinitrotoluene	9.551	165	408395	46.666	ng	# 86
52) Acenaphthene	9.792	154	1370740	39.577	ng	99
53) 3-Nitroaniline	9.716	138	325227	31.255	ng	98
54) 2,4-Dinitrophenol	9.827	184	251859	57.255	ng	96
55) Dibenzofuran	9.963	168	1953590	41.350	ng	98
56) 4-Nitrophenol	9.898	139	601458	74.629	ng	94
57) 2,4-Dinitrotoluene	9.957	165	501759	44.959	ng	95
58) Fluorene	10.304	166	1489602	43.035	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	419226	45.094	ng	97
60) Diethylphthalate	10.186	149	1676904	45.659	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	725973	43.039	ng	98
62) 4-Nitroaniline	10.339	138	456606	47.744	ng	96
63) Azobenzene	10.457	77	1709434	43.938	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	238500	39.171	ng	97
66) n-Nitrosodiphenylamine	10.422	169	1401720	43.018	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	477145	43.796	ng	98
68) Hexachlorobenzene	10.857	284	527227	47.227	ng	98
69) Atrazine	10.951	200	501012	53.361	ng	99
70) Pentachlorophenol	11.057	266	494704	62.221	ng	97
71) Phenanthrene	11.269	178	2288210	42.381	ng	100
72) Anthracene	11.316	178	2364711	42.797	ng	99
73) Carbazole	11.474	167	2118372	43.057	ng	98
74) Di-n-butylphthalate	11.804	149	2636241	47.349	ng	99
75) Fluoranthene	12.451	202	2252056	41.562	ng	99
77) Benzidine	12.574	184	470560	60.426	ng	# 93
78) Pyrene	12.680	202	2257799	57.195	ng	98
80) Butylbenzylphthalate	13.298	149	951279	68.059	ng	95
81) Benzo(a)anthracene	13.868	228	1369440	43.245	ng	100
82) 3,3'-Dichlorobenzidine	13.827	252	308969	35.318	ng	# 96
83) Chrysene	13.904	228	1378847	43.552	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	1075238	61.288	ng	99
85) Di-n-octyl phthalate	14.474	149	1623573	56.755	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1678761	58.410	ng	99
88) Benzo(b)fluoranthene	14.892	252	1323670	41.178	ng	99
89) Benzo(k)fluoranthene	14.921	252	1339954	42.051	ng	99
90) Benzo(a)pyrene	15.239	252	1233777	42.168	ng	100
91) Dibenzo(a,h)anthracene	16.698	278	1398285	58.332	ng	99
92) Benzo(g,h,i)perylene	17.103	276	1375710	58.131	ng	97

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

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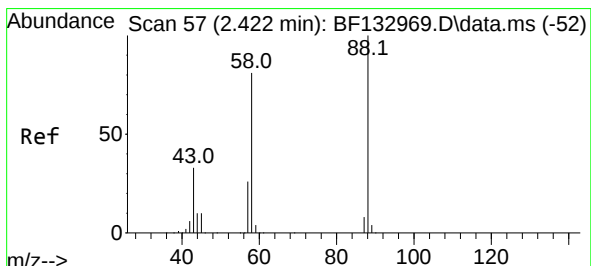
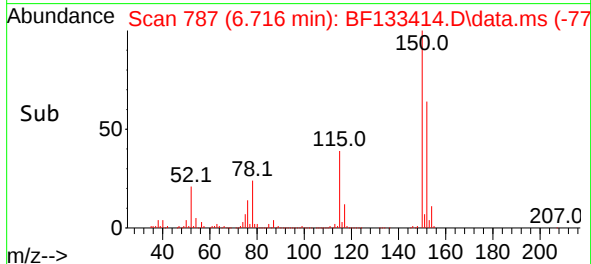
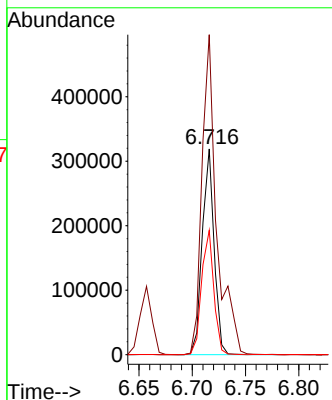
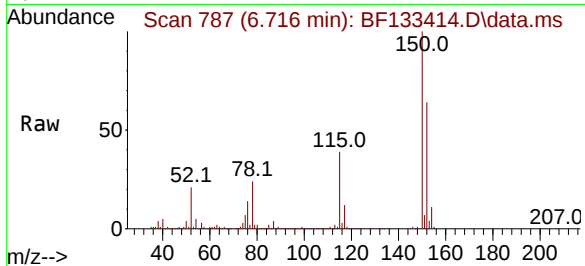




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133414.D
 Acq: 17 May 2023 15:39

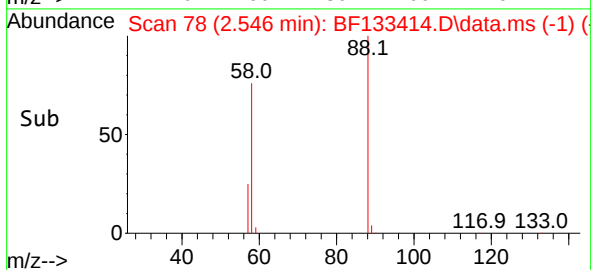
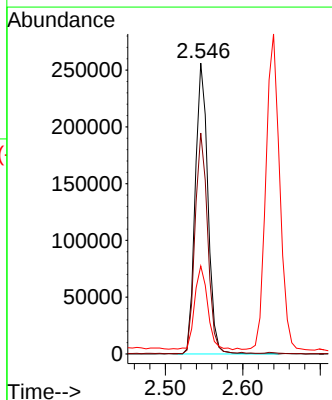
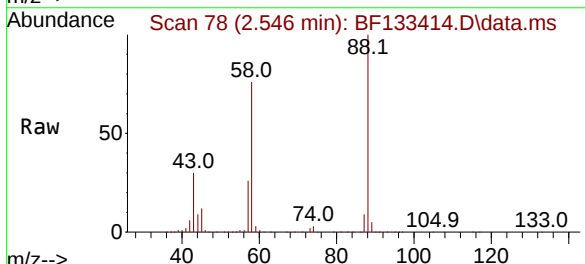
Instrument :
 BNA_F
 ClientSampleId :

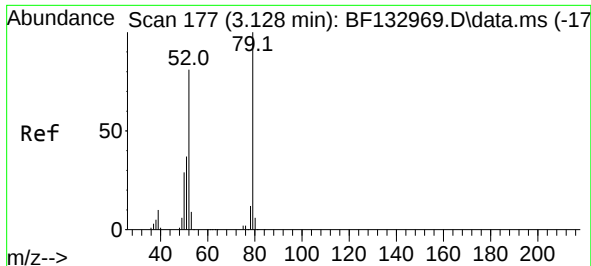
Tgt Ion:152 Resp: 248846
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.8 187.2
 115 60.5 49.9 74.9



#2
 1,4-Dioxane
 Concen: 38.058 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.176 min
 Lab File: BF133414.D
 Acq: 17 May 2023 15:39

Tgt Ion: 88 Resp: 290793
 Ion Ratio Lower Upper
 88 100
 58 75.5 64.7 97.1
 43 0.0 26.2 39.2#





#3

Pyridine

Concen: 33.052 ng

RT: 3.228 min Scan# 14

Delta R.T. 0.165 min

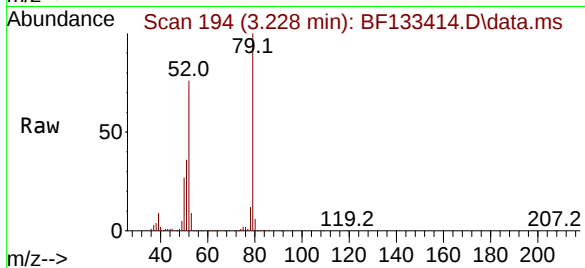
Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :



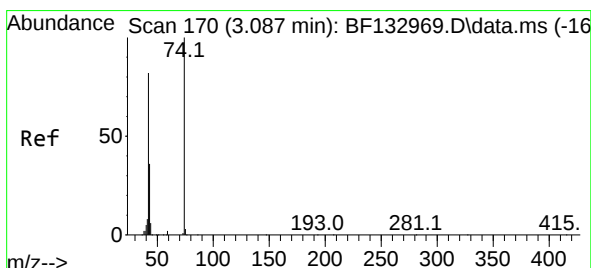
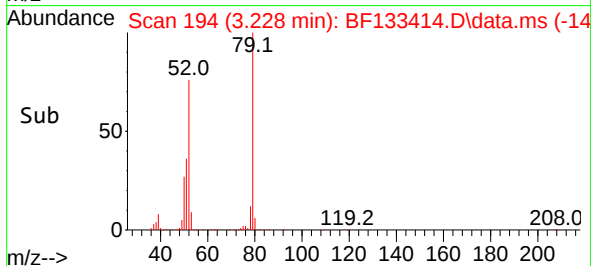
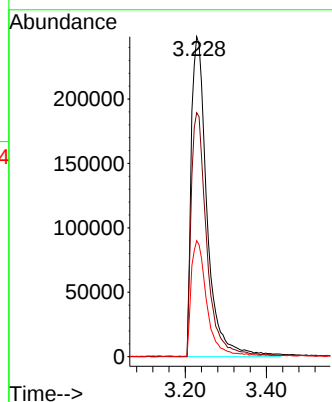
Tgt Ion: 79 Resp: 670755

Ion Ratio Lower Upper

79 100

52 76.2 64.6 96.8

51 36.2 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 37.019 ng

RT: 3.151 min Scan# 181

Delta R.T. 0.123 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

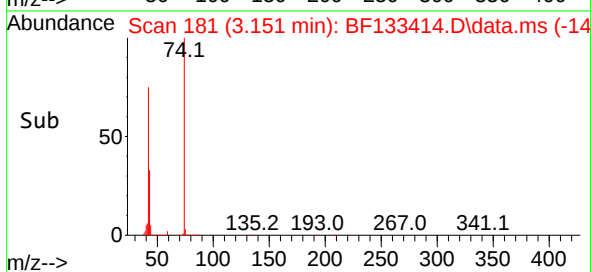
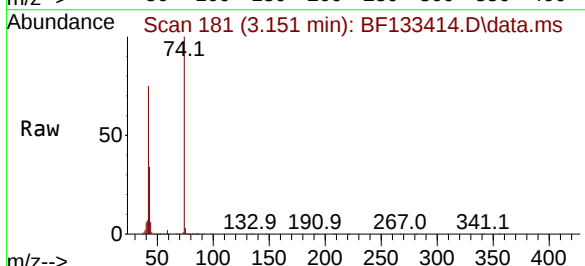
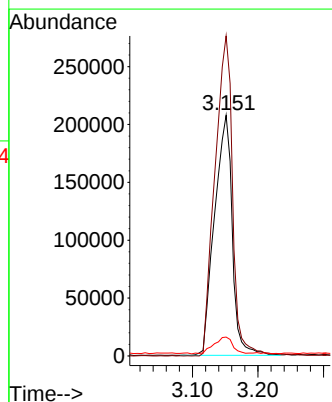
Tgt Ion: 42 Resp: 389134

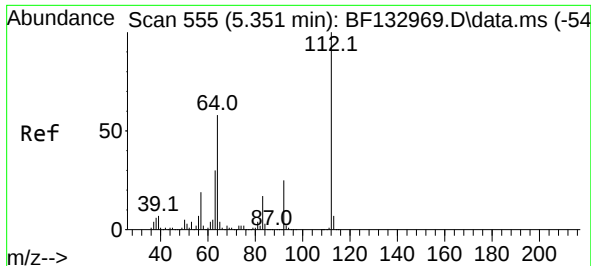
Ion Ratio Lower Upper

42 100

74 133.0 98.0 147.0

44 7.8 5.8 8.8

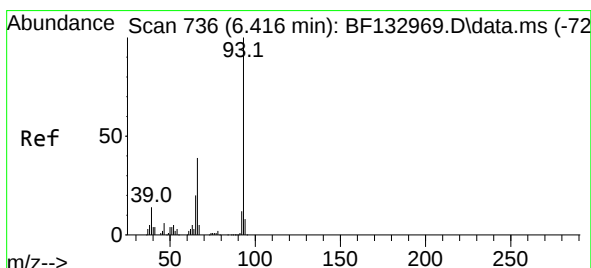
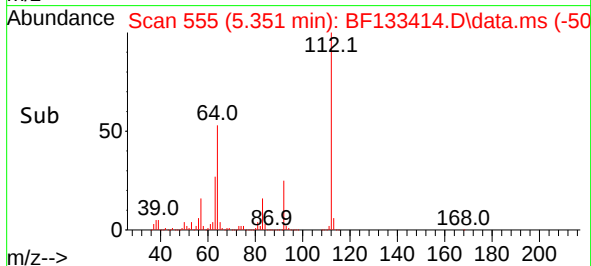
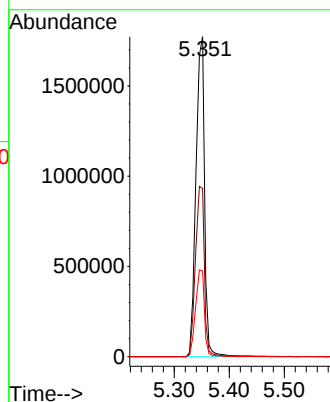
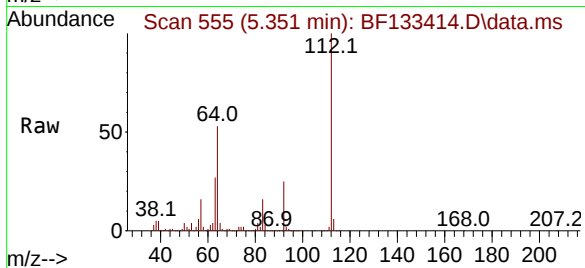




#5
2-Fluorophenol
Concen: 117.012 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

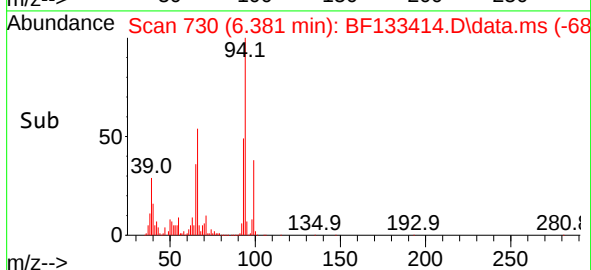
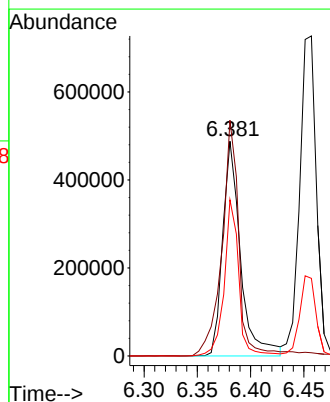
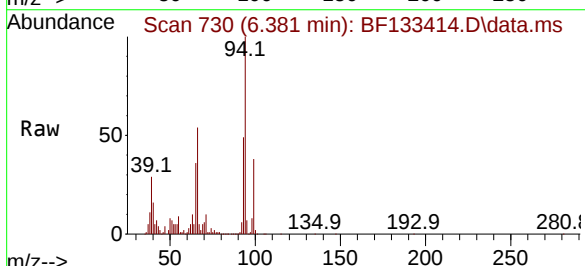
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1927569
Ion Ratio Lower Upper
112 100
64 52.6 46.8 70.2
63 26.8 23.8 35.8



#6
Aniline
Concen: 21.545 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion: 93 Resp: 567377
Ion Ratio Lower Upper
93 100
66 109.8 31.5 47.3#
65 72.8 16.4 24.6#





#7

Phenol-d6

Concen: 108.987 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

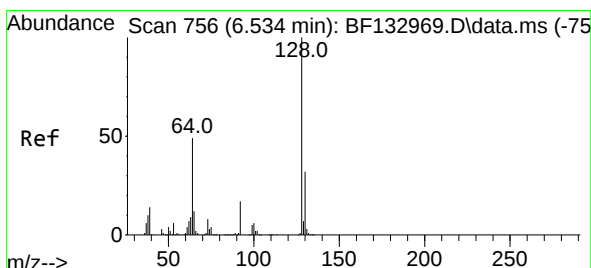
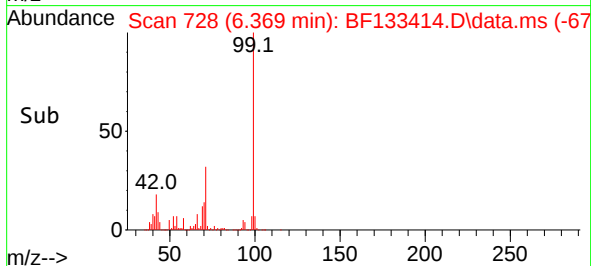
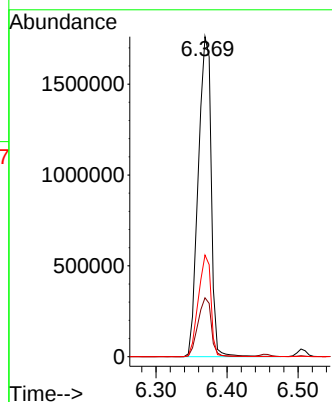
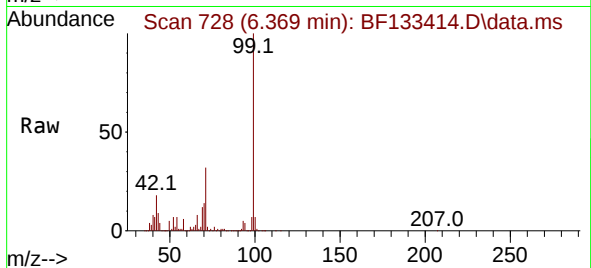
Tgt Ion: 99 Resp: 2228429

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

71 31.7 25.6 38.4



#8

2-Chlorophenol

Concen: 48.015 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

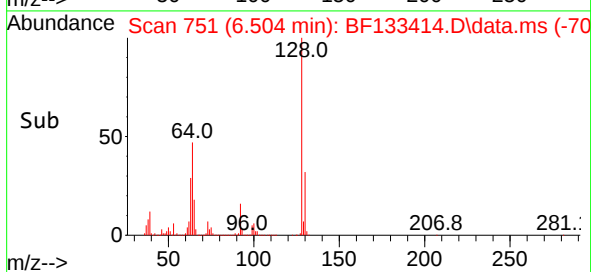
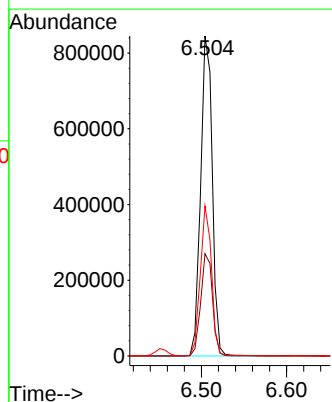
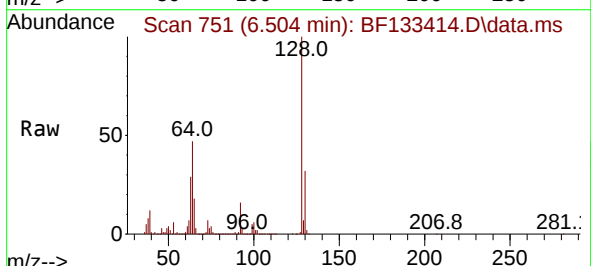
Tgt Ion:128 Resp: 803088

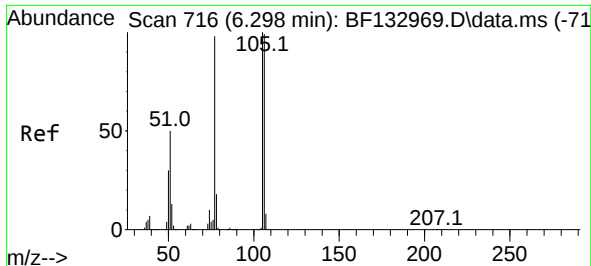
Ion Ratio Lower Upper

128 100

130 32.0 12.2 52.2

64 46.9 30.3 70.3





#9

Benzaldehyde

Concen: 31.491 ng

RT: 6.263 min Scan# 710

Delta R.T. -0.006 min

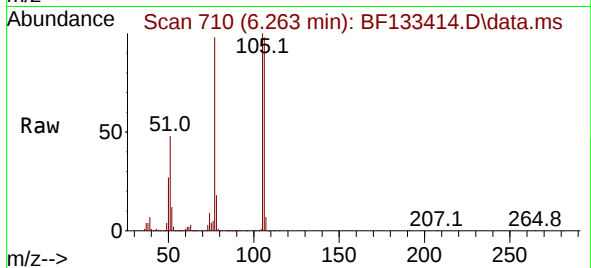
Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :



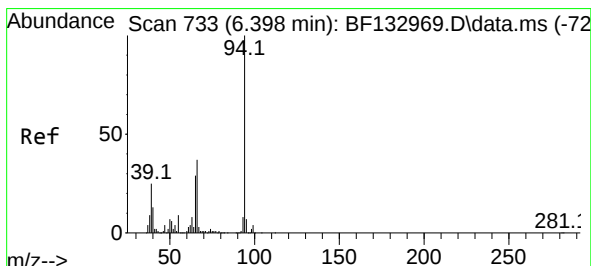
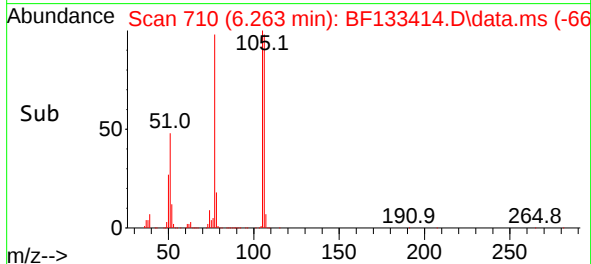
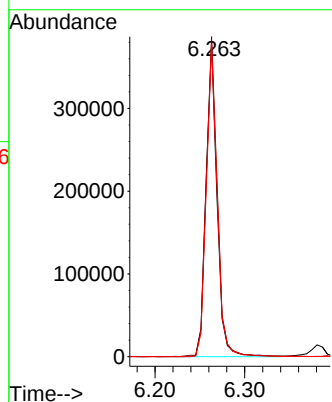
Tgt Ion: 77 Resp: 321709

Ion Ratio Lower Upper

77 100

105 101.8 82.3 122.3

106 99.4 80.8 120.8



#10

Phenol

Concen: 37.749 ng

RT: 6.381 min Scan# 730

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

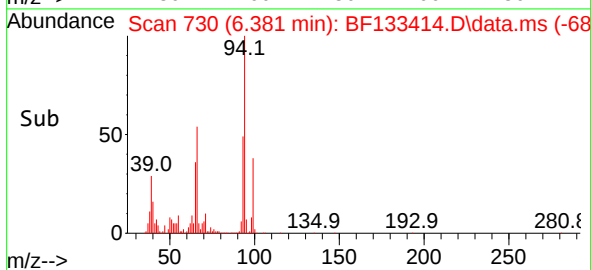
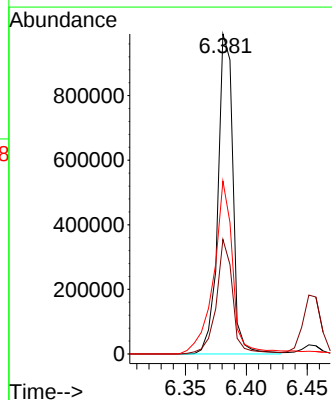
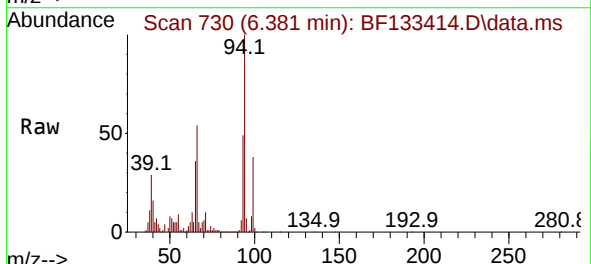
Tgt Ion: 94 Resp: 851483

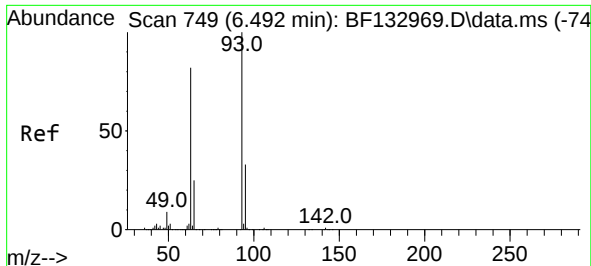
Ion Ratio Lower Upper

94 100

65 35.8 8.6 48.6

66 54.1 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 45.570 ng

RT: 6.457 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

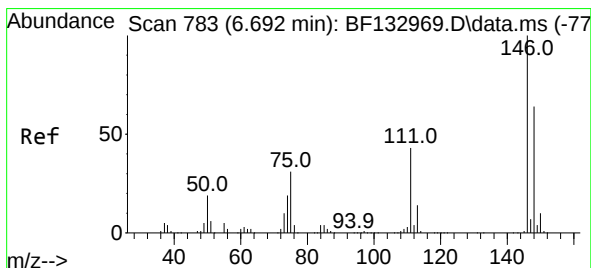
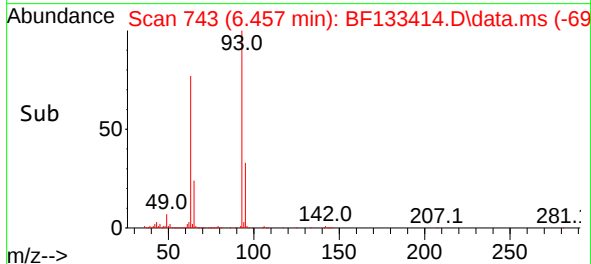
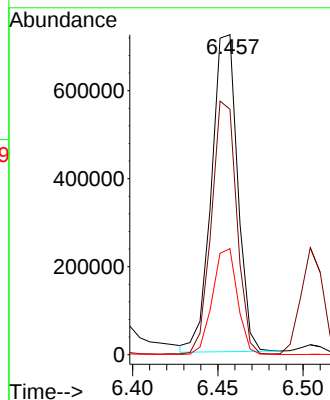
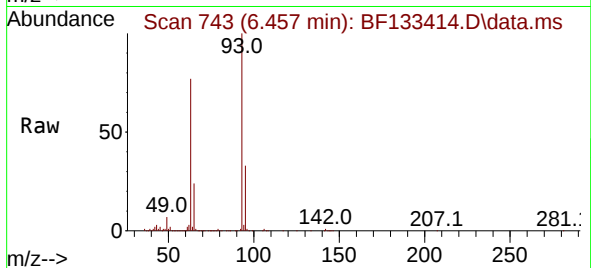
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 93 Resp: 771344

Ion	Ratio	Lower	Upper
93	100		
63	76.7	60.6	100.6
95	33.1	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 45.259 ng

RT: 6.657 min Scan# 777

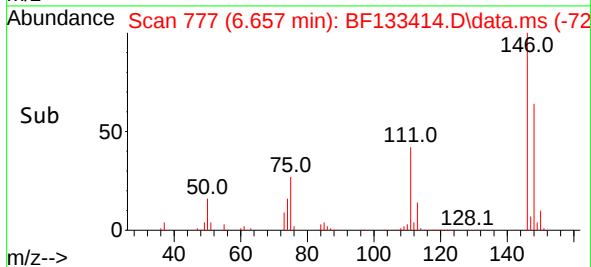
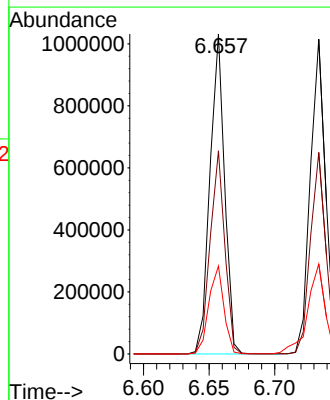
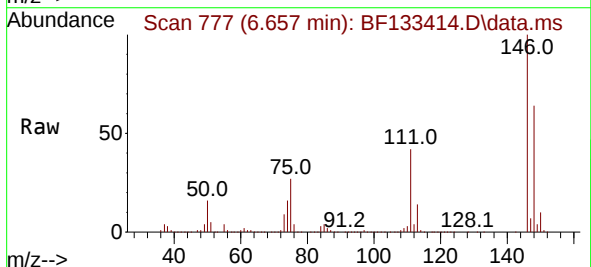
Delta R.T. -0.006 min

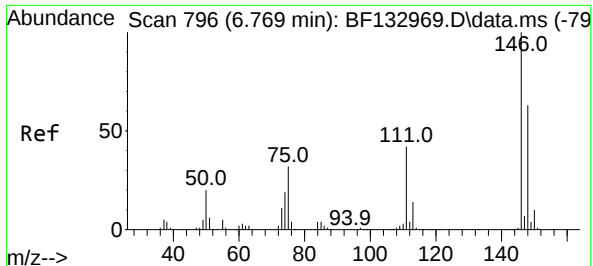
Lab File: BF133414.D

Acq: 17 May 2023 15:39

Tgt Ion: 146 Resp: 804824

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
75	27.5	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 45.748 ng

RT: 6.734 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

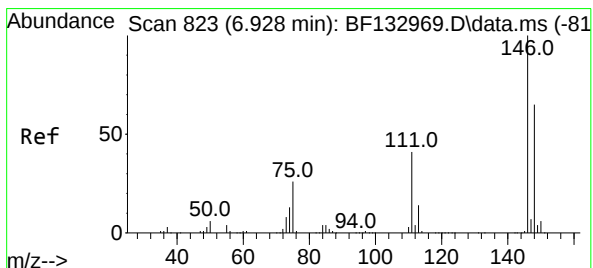
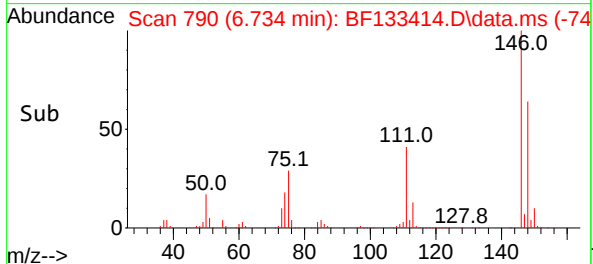
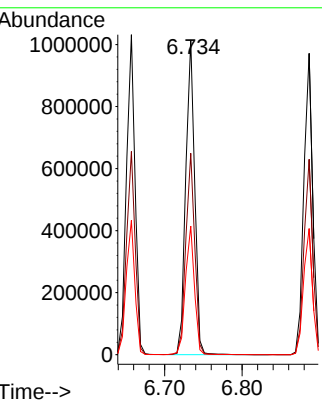
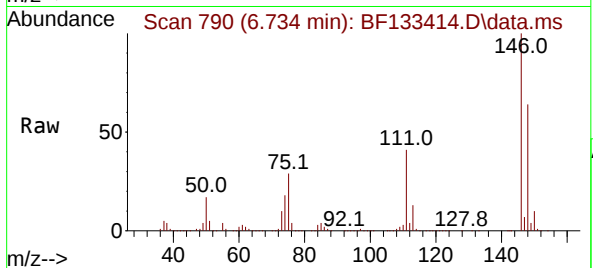
Tgt Ion:146 Resp: 815318

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

111 40.9 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 47.323 ng

RT: 6.886 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

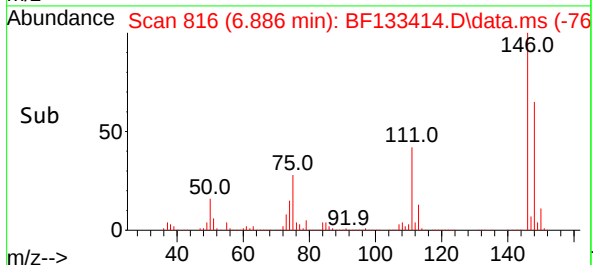
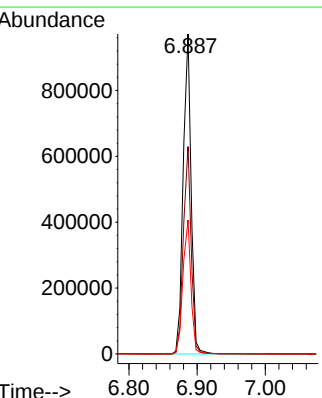
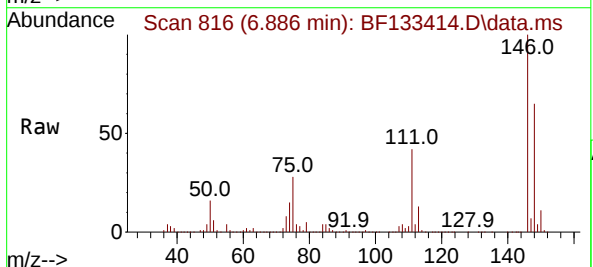
Tgt Ion:146 Resp: 777554

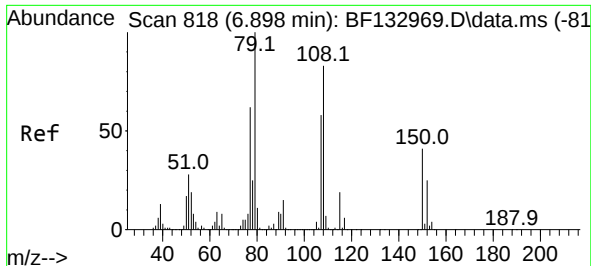
Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

111 41.9 32.8 49.2

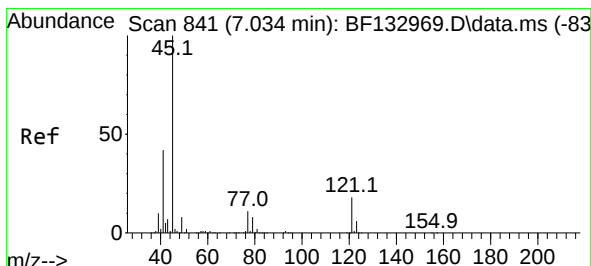
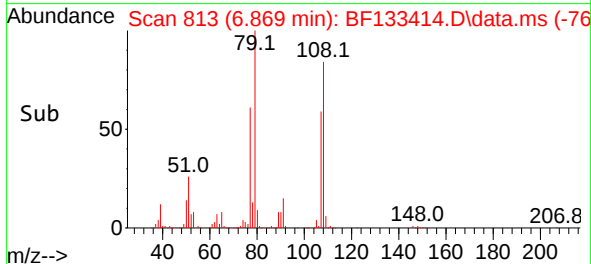
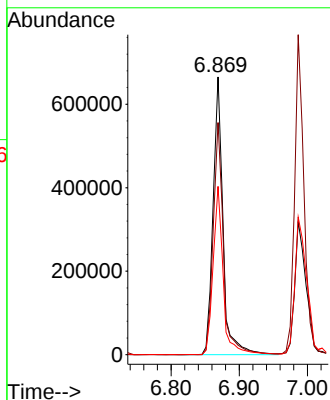
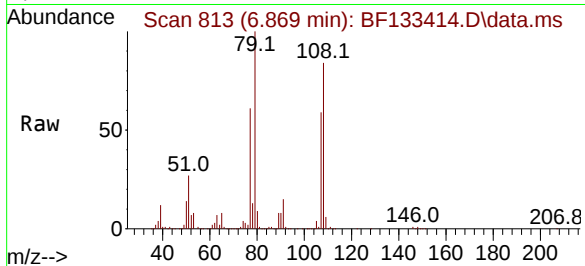




#15
Benzyl Alcohol
Concen: 47.964 ng
RT: 6.869 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

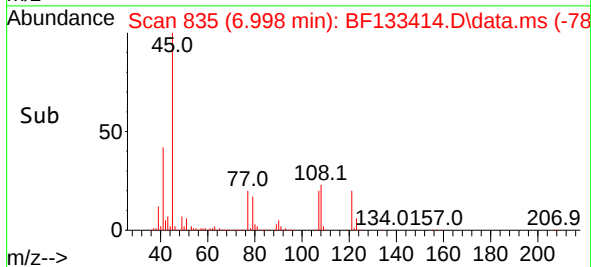
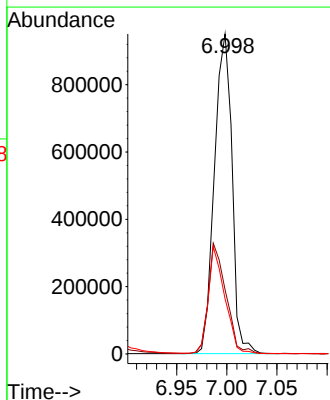
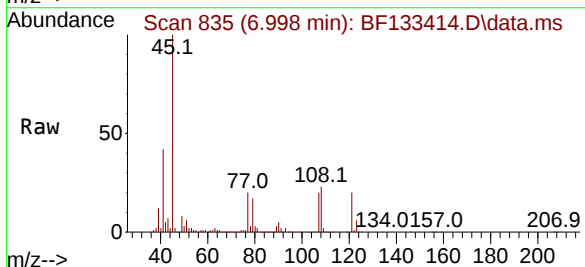
Instrument :
BNA_F
ClientSampleId :

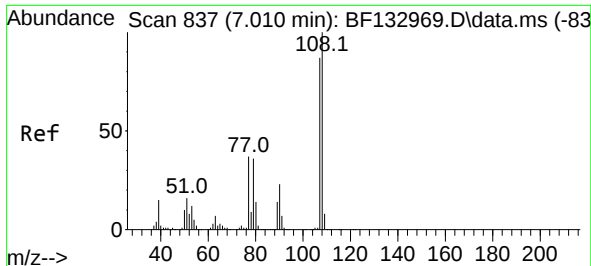
Tgt Ion: 79 Resp: 677440
Ion Ratio Lower Upper
79 100
108 83.5 66.6 99.8
77 60.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.298 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

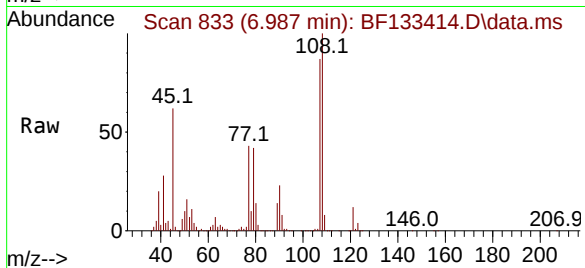
Tgt Ion: 45 Resp: 1155337
Ion Ratio Lower Upper
45 100
77 20.0 0.0 31.5
79 17.2 0.0 28.7



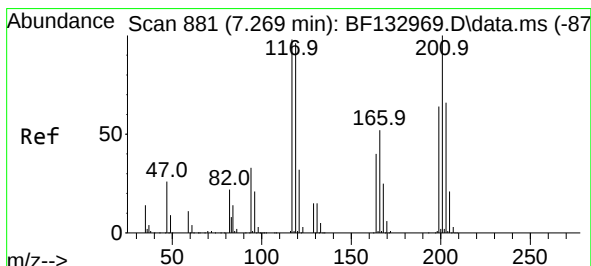
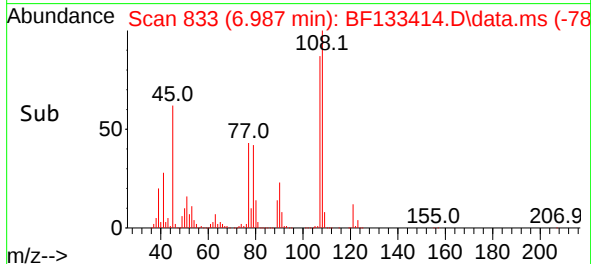
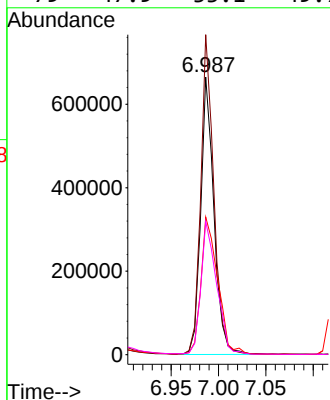


#17
2-Methylphenol
Concen: 42.003 ng
RT: 6.987 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :

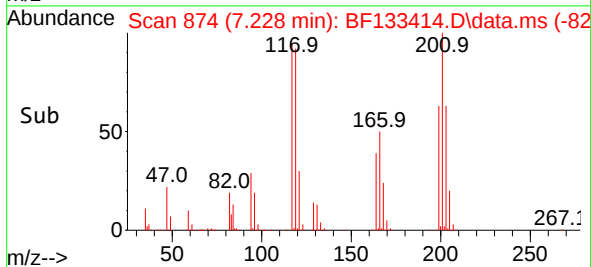
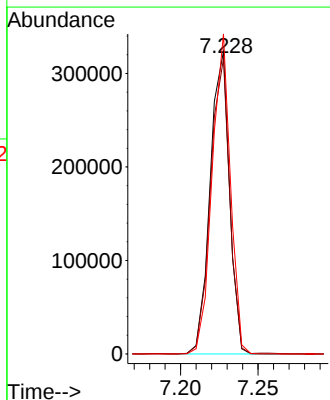
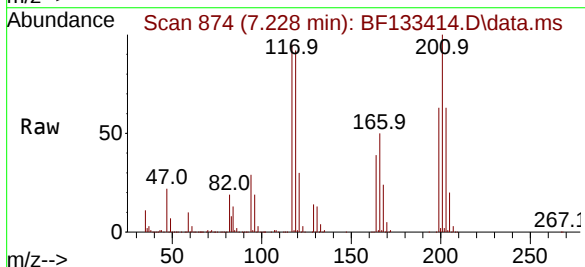


Tgt Ion:	107	Resp:	643286
Ion	Ratio	Lower	Upper
107	100		
108	115.3	92.4	138.6
77	49.6	33.8	50.8
79	47.9	33.1	49.7



#18
Hexachloroethane
Concen: 45.307 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:	117	Resp:	280724
Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.2	117.4
201	105.8	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.285 ng

RT: 7.139 min Scan# 8

Delta R.T. -0.006 min

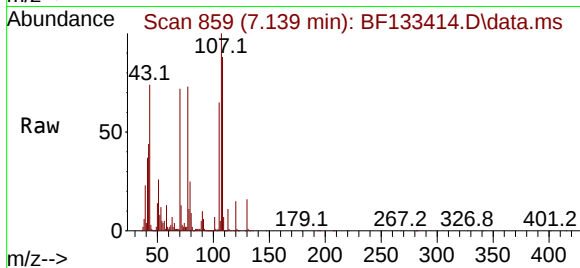
Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 525522

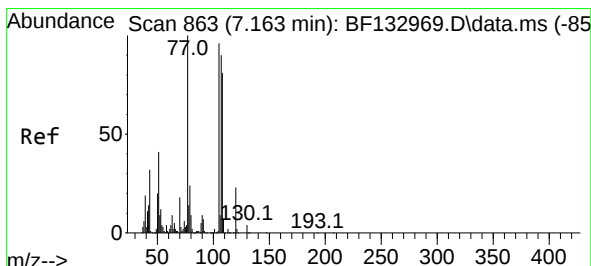
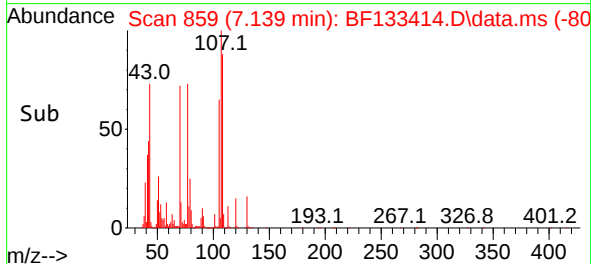
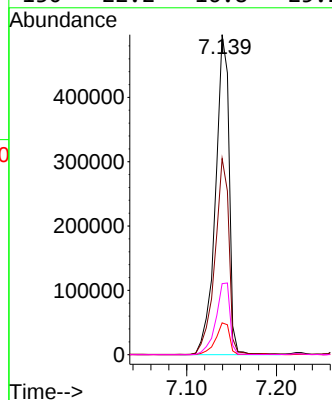
Ion Ratio Lower Upper

70 100

42 61.3 51.8 77.6

101 9.9 8.0 12.0

130 22.2 16.8 25.2



#20

3+4-Methylphenols

Concen: 43.460 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Tgt Ion: 107 Resp: 783865

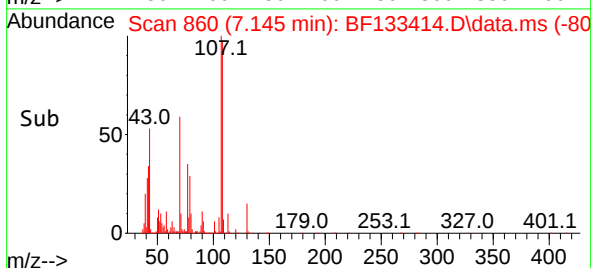
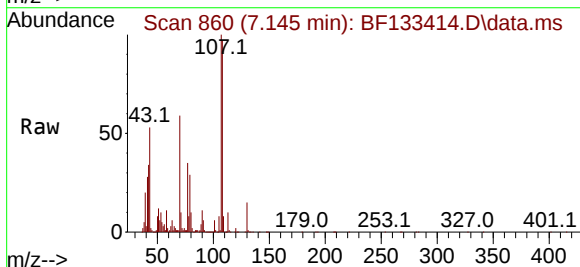
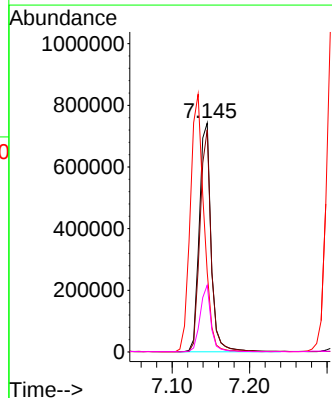
Ion Ratio Lower Upper

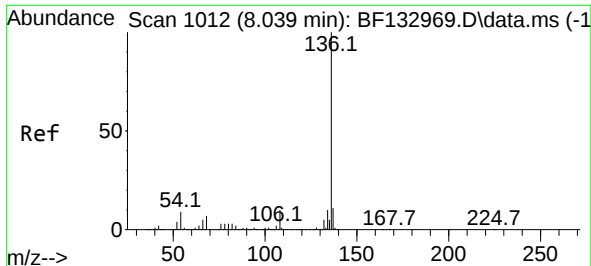
107 100

108 97.1 70.5 110.5

77 34.7 91.7 131.7

79 29.2 7.1 47.1

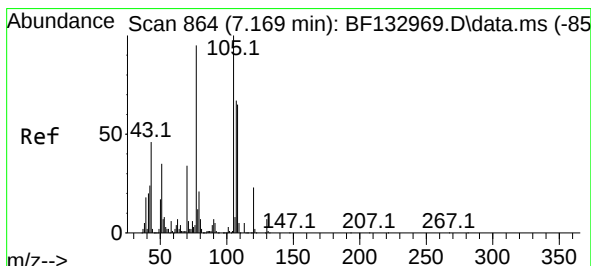
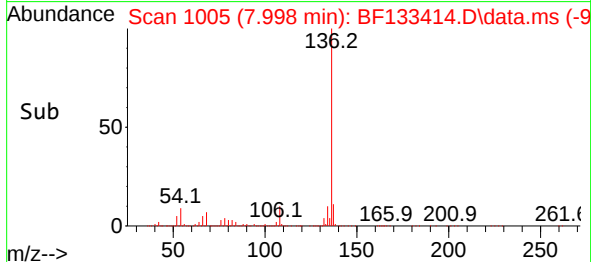
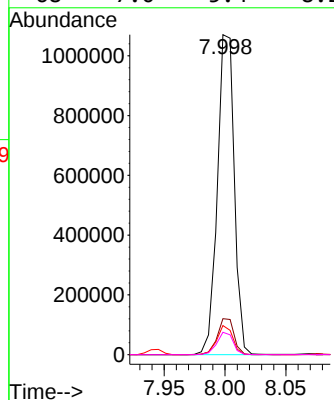
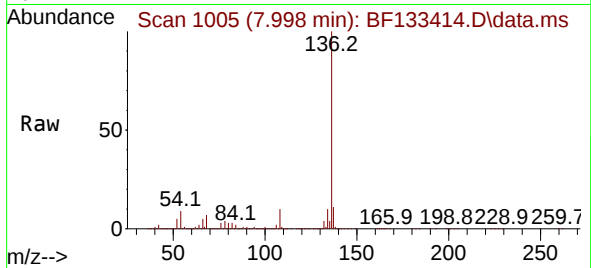




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

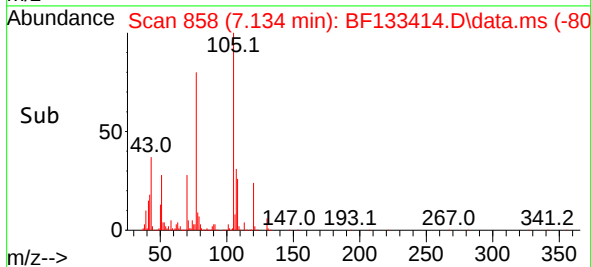
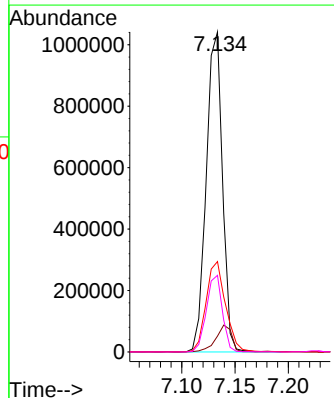
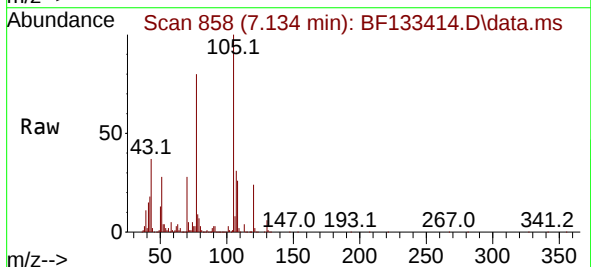
Instrument :
BNA_F
ClientSampleId :

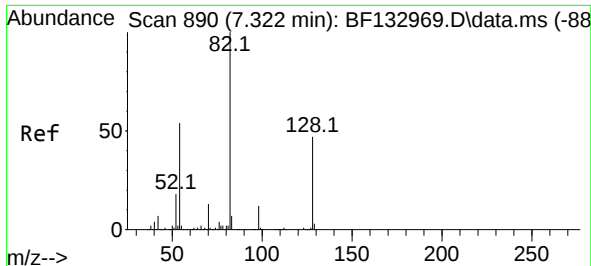
Tgt Ion:136 Resp: 1038096
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.1 7.0 10.4
68 7.0 5.4 8.2



#22
Acetophenone
Concen: 45.936 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:105 Resp: 1104618
Ion Ratio Lower Upper
105 100
71 4.9 4.6 7.0
51 28.3 28.2 42.2
120 24.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 82.176 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

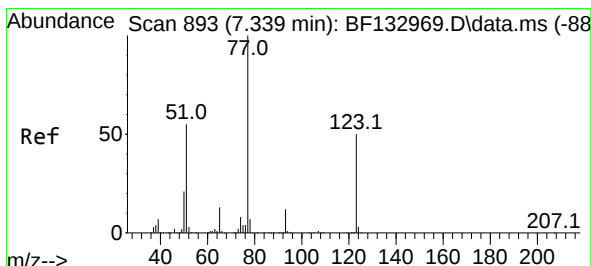
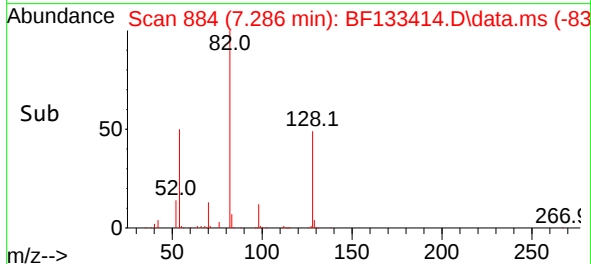
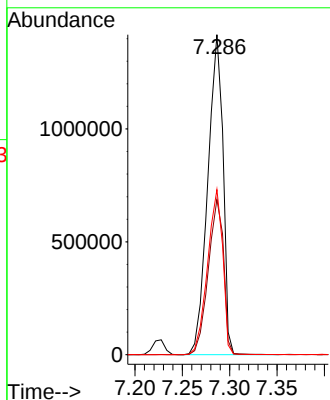
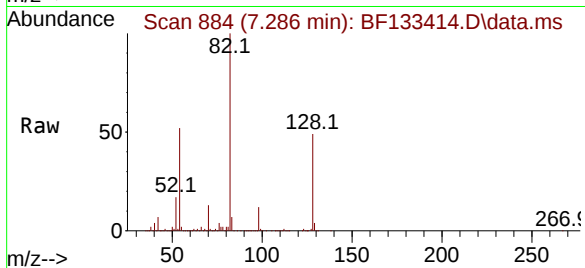
Tgt Ion: 82 Resp: 1580427

Ion Ratio Lower Upper

82 100

128 48.5 37.7 56.5

54 51.6 43.0 64.4



#24

Nitrobenzene

Concen: 42.187 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

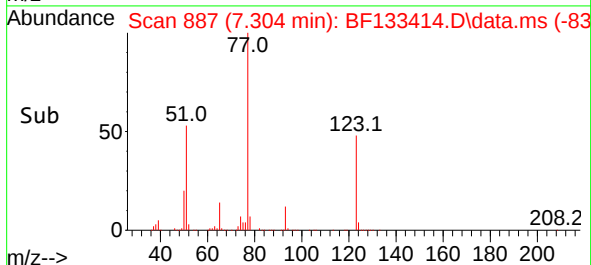
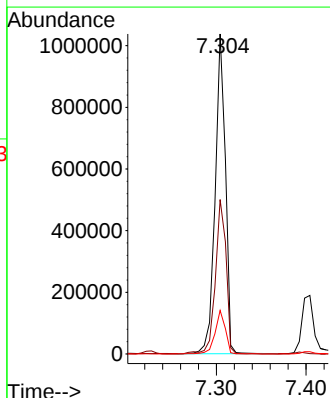
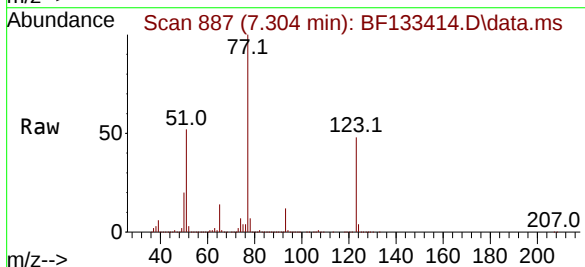
Tgt Ion: 77 Resp: 822161

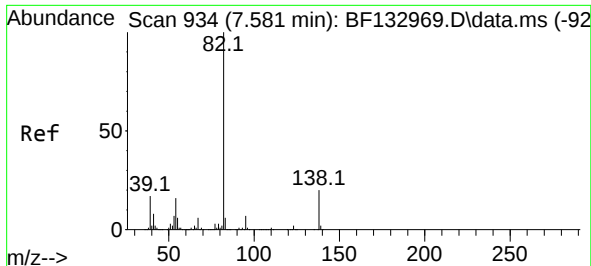
Ion Ratio Lower Upper

77 100

123 48.2 39.9 59.9

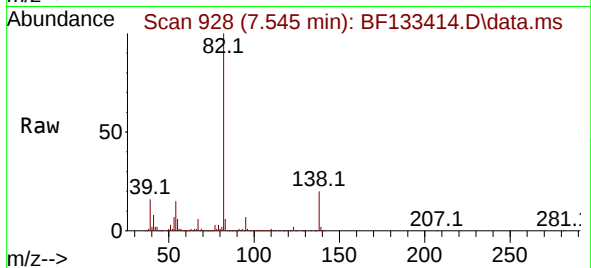
65 13.6 10.7 16.1



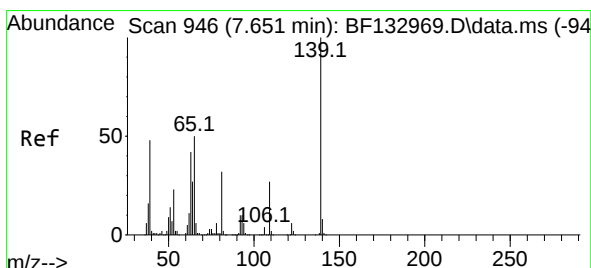
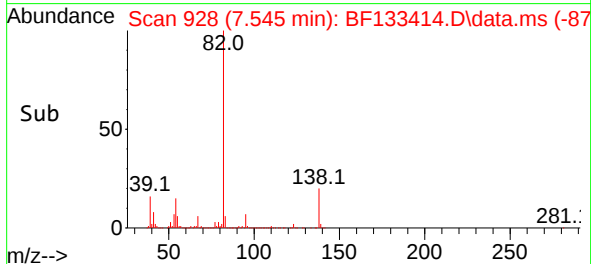
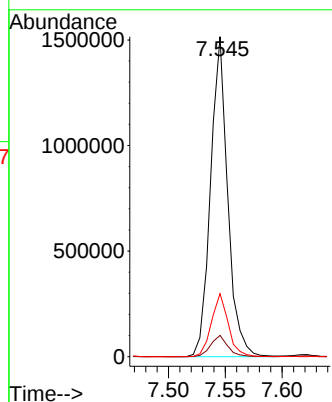


#25
Isophorone
Concen: 43.472 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :

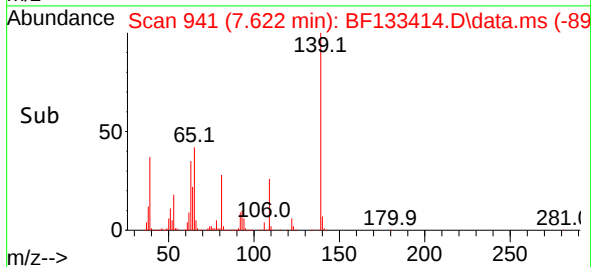
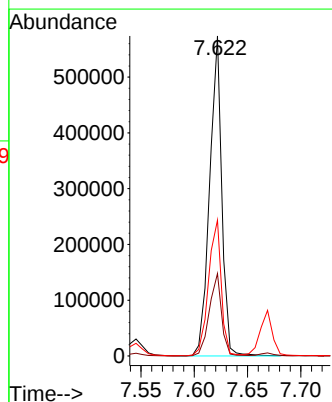
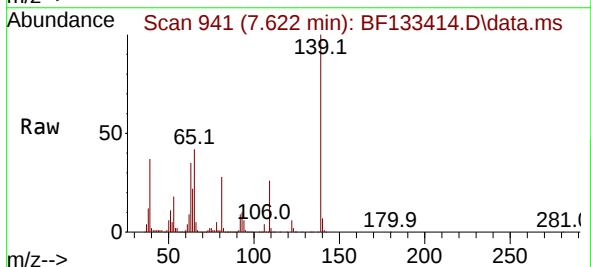


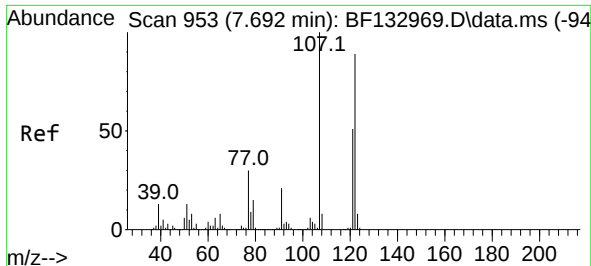
Tgt Ion: 82 Resp: 1587387
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.7 16.0 24.0



#26
2-Nitrophenol
Concen: 48.633 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:139 Resp: 457146
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 42.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.466 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

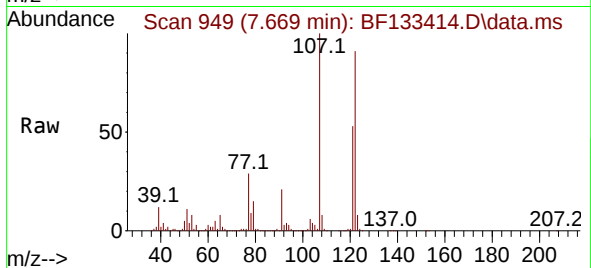
Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :



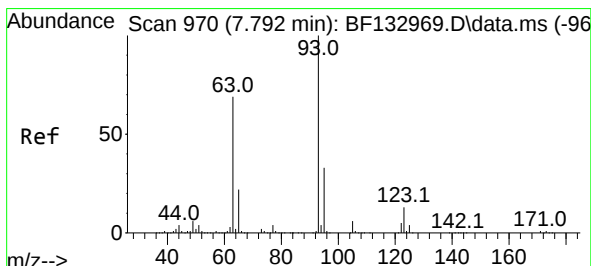
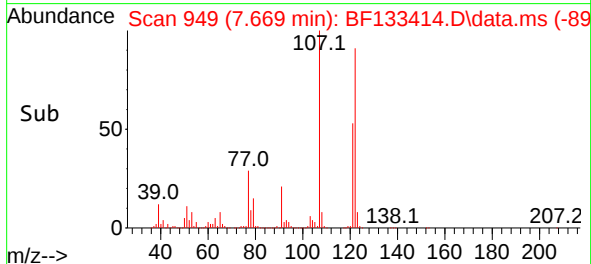
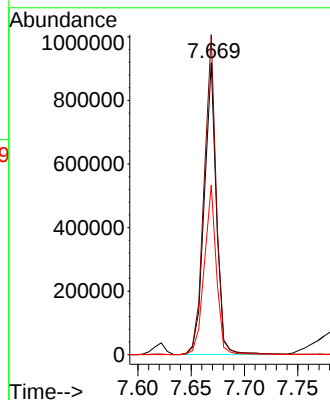
Tgt Ion:122 Resp: 732826

Ion Ratio Lower Upper

122 100

107 109.6 89.7 134.5

121 58.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.377 ng

RT: 7.757 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

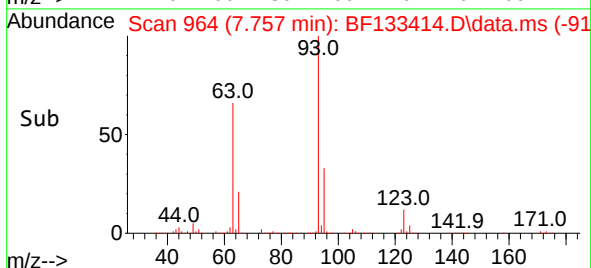
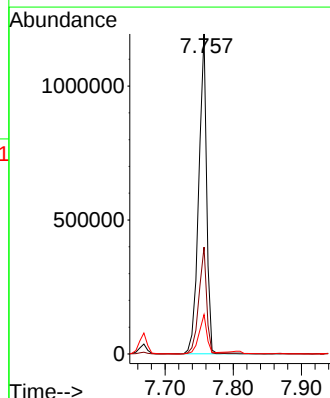
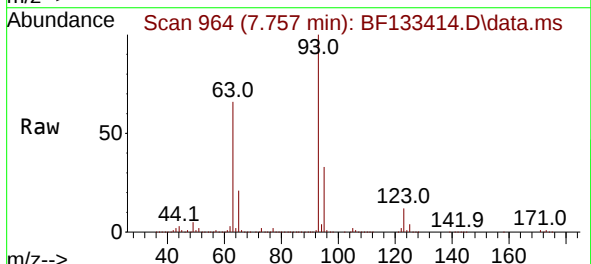
Tgt Ion: 93 Resp: 958627

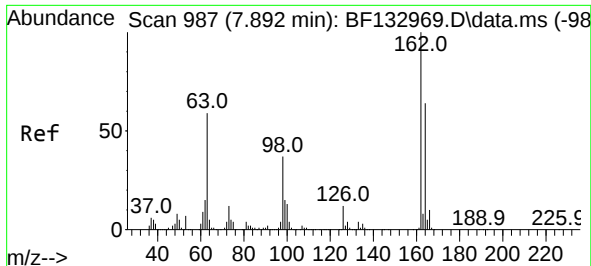
Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.927 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

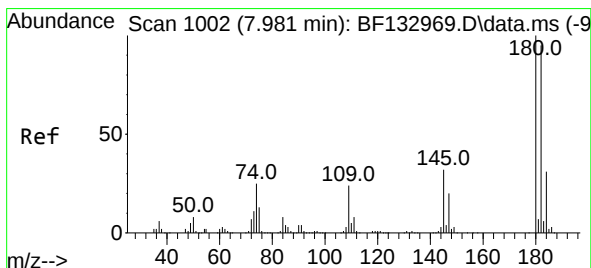
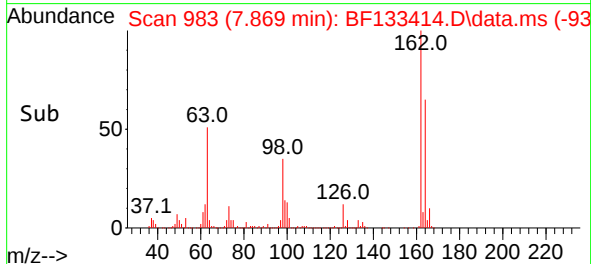
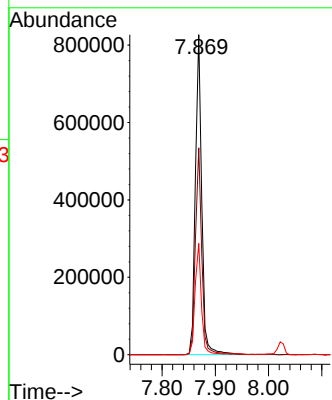
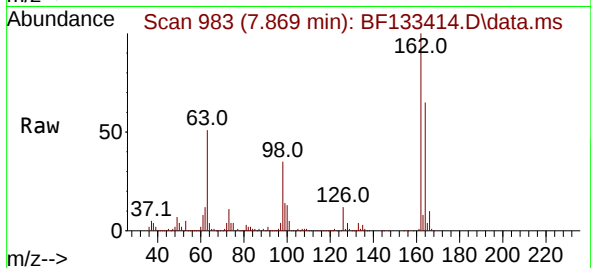
Tgt Ion:162 Resp: 688574

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

98 34.8 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 45.327 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

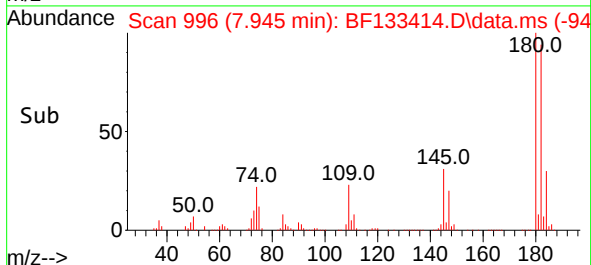
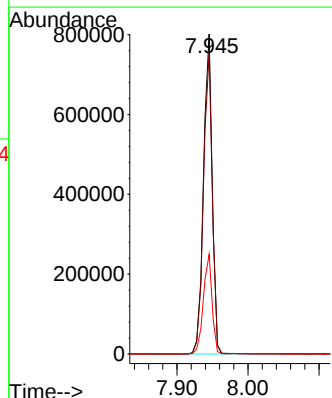
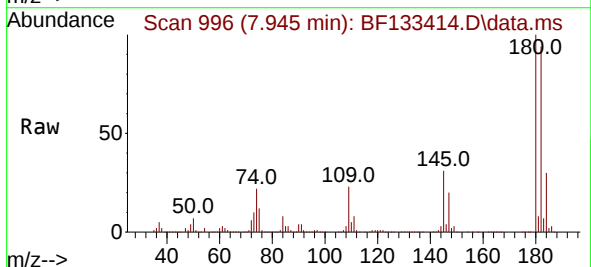
Tgt Ion:180 Resp: 689032

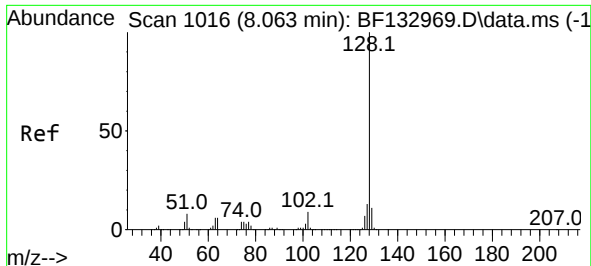
Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

145 31.1 25.3 37.9

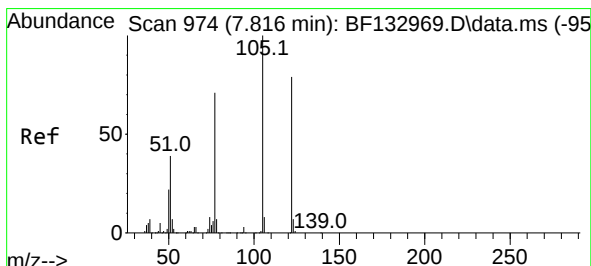
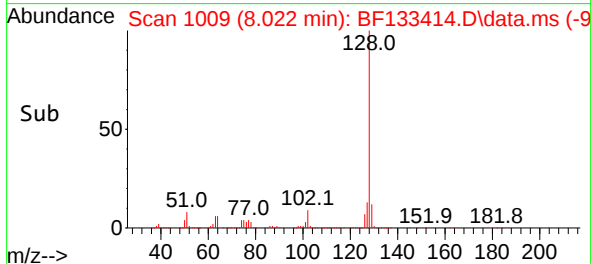
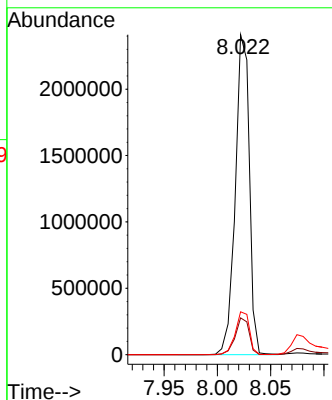
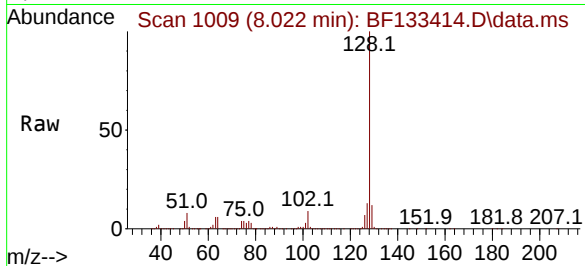




#31
Naphthalene
Concen: 42.731 ng
RT: 8.022 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

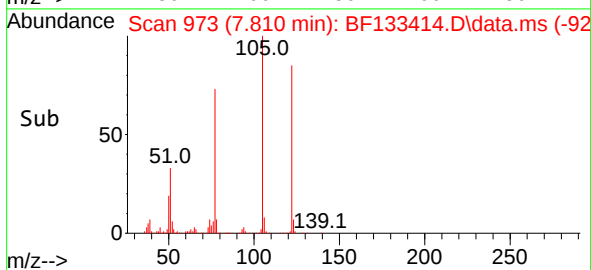
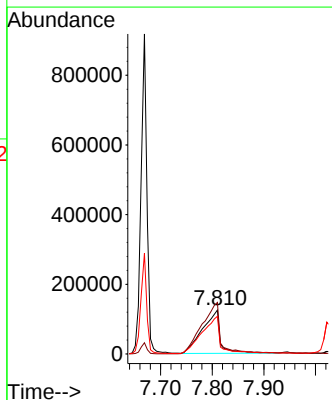
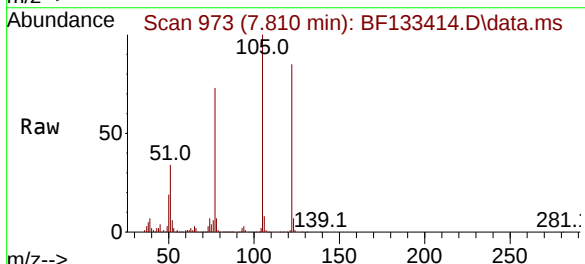
Instrument :
BNA_F
ClientSampleId :

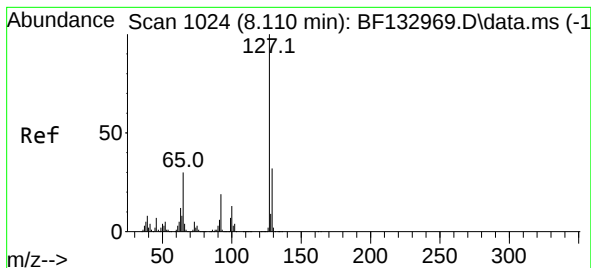
Tgt Ion:128 Resp: 2217792
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 30.518 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:122 Resp: 303843
Ion Ratio Lower Upper
122 100
105 117.5 104.2 144.2
77 86.0 69.7 109.7





#33

4-Chloroaniline

Concen: 12.602 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 264263

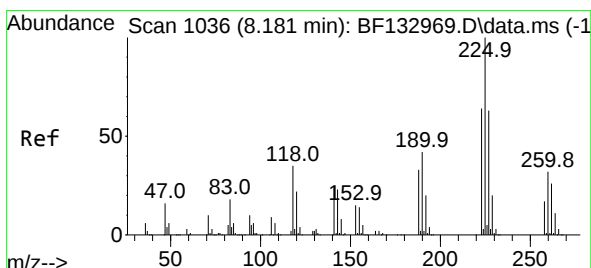
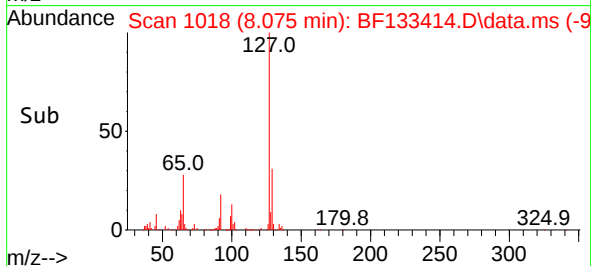
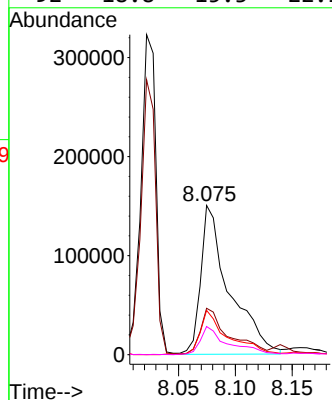
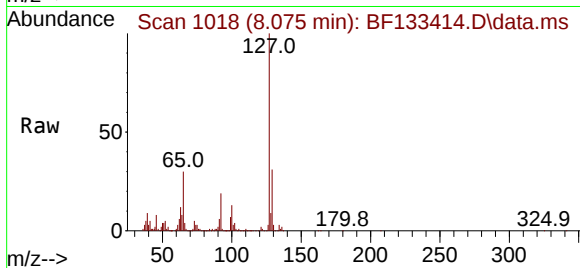
Ion Ratio Lower Upper

127 100

129 31.1 25.8 38.8

65 29.7 23.6 35.4

92 18.8 15.3 22.9



#34

Hexachlorobutadiene

Concen: 44.425 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

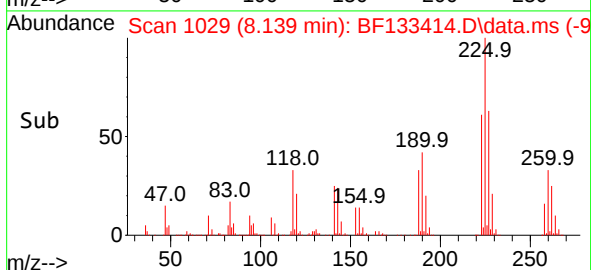
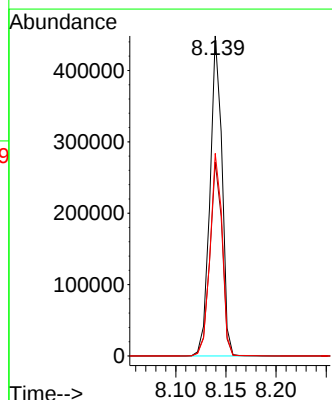
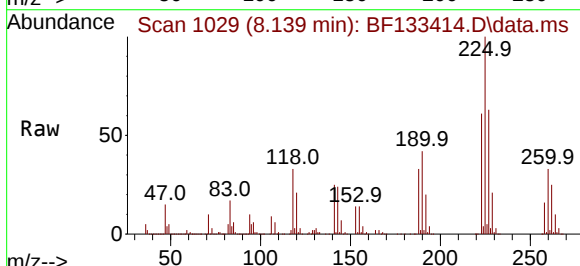
Tgt Ion:225 Resp: 374288

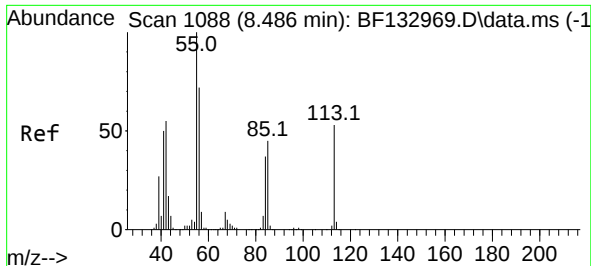
Ion Ratio Lower Upper

225 100

223 60.6 50.9 76.3

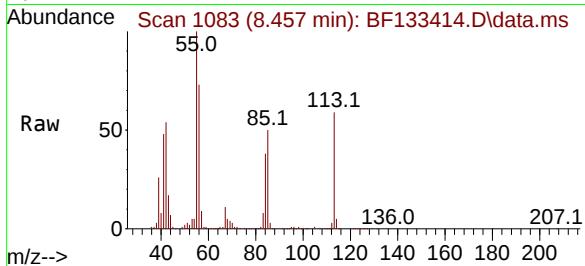
227 63.3 50.3 75.5



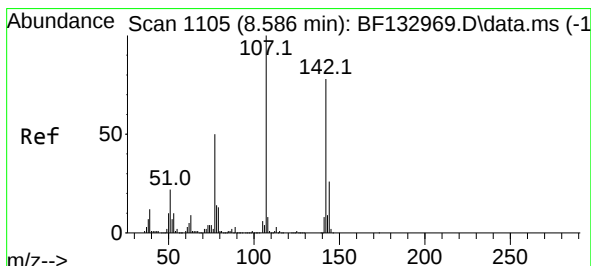
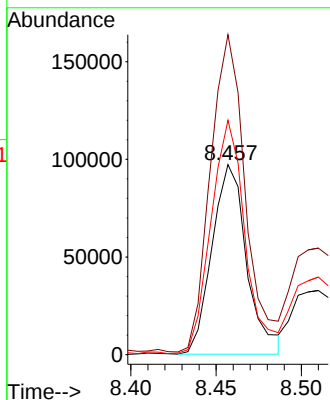
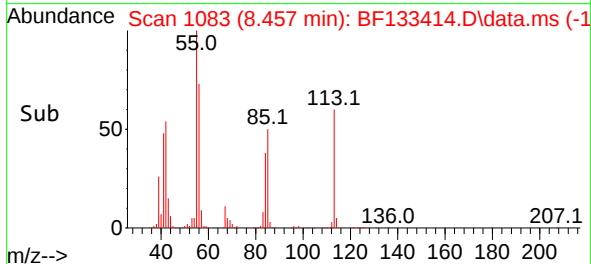


#35
 Caprolactam
 Concen: 27.990 ng
 RT: 8.457 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF133414.D
 Acq: 17 May 2023 15:39

Instrument :
 BNA_F
 ClientSampleId :

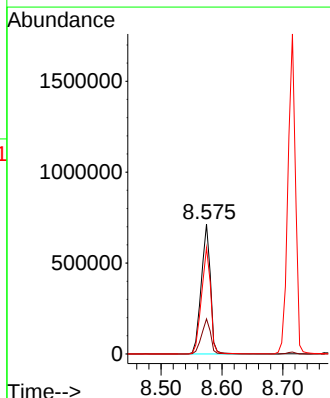
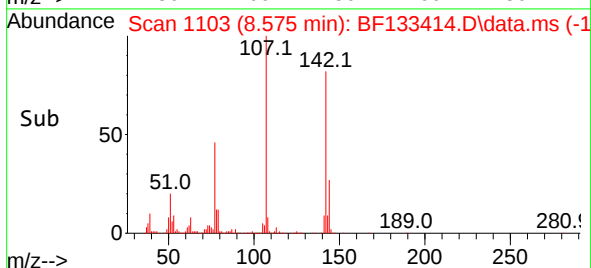
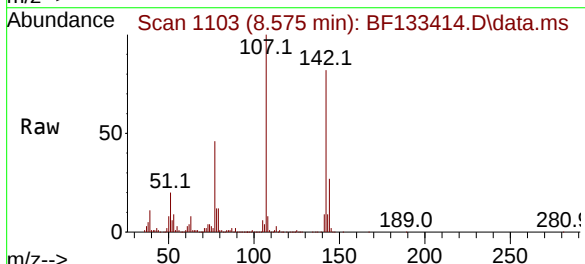


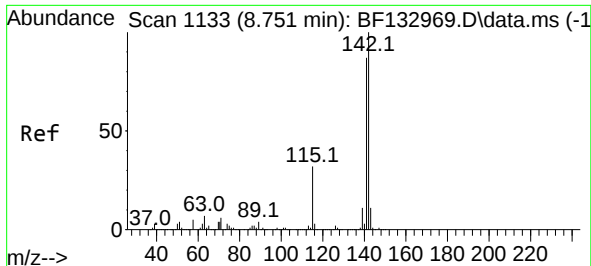
Tgt Ion:113 Resp: 137969
 Ion Ratio Lower Upper
 113 100
 55 168.4 167.1 207.1
 56 123.4 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.356 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133414.D
 Acq: 17 May 2023 15:39

Tgt Ion:107 Resp: 749326
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.6 30.8
 142 81.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.581 ng

RT: 8.716 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

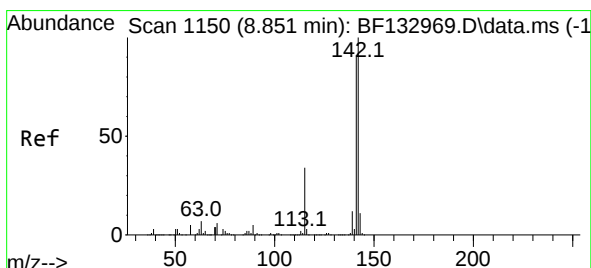
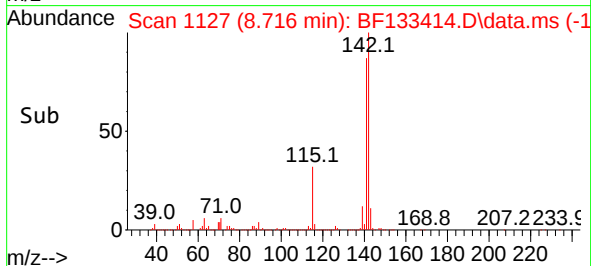
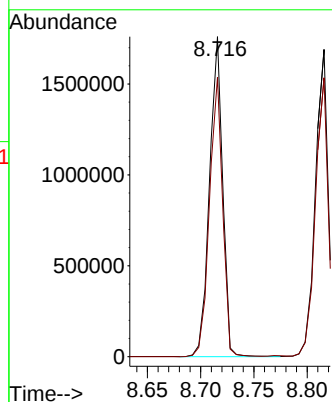
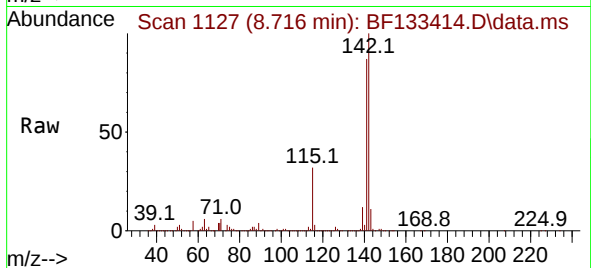
ClientSampleId :

Tgt Ion:142 Resp: 1510935

Ion Ratio Lower Upper

142 100

141 87.3 69.4 104.0



#38

1-Methylnaphthalene

Concen: 42.642 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133414.D

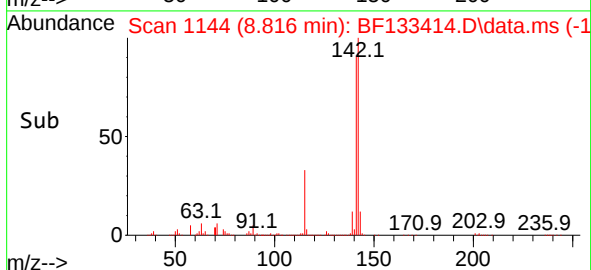
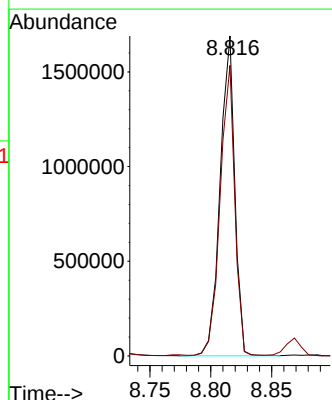
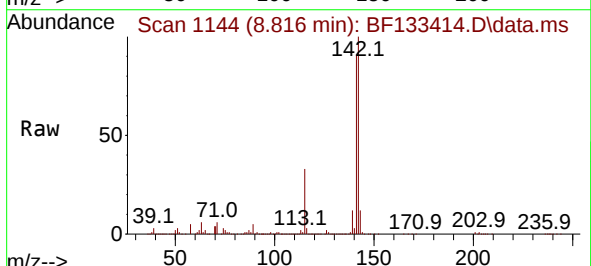
Acq: 17 May 2023 15:39

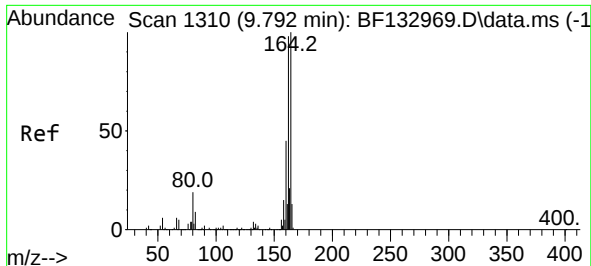
Tgt Ion:142 Resp: 1415488

Ion Ratio Lower Upper

142 100

141 90.8 73.1 109.7

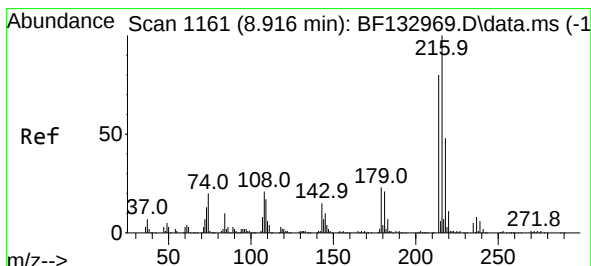
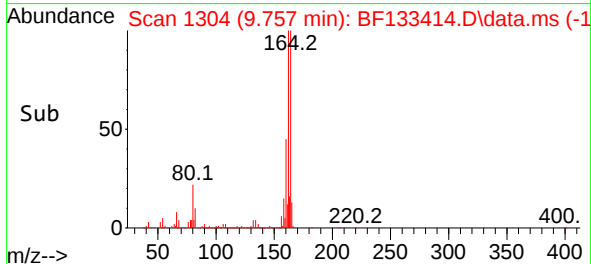
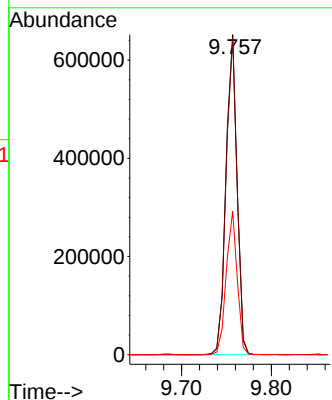
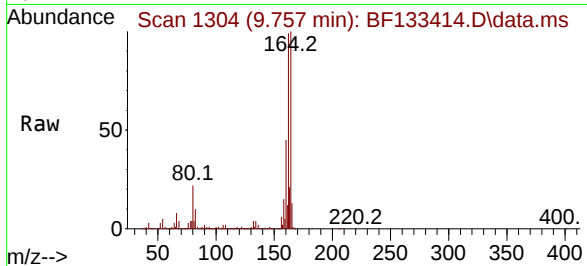




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11304
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

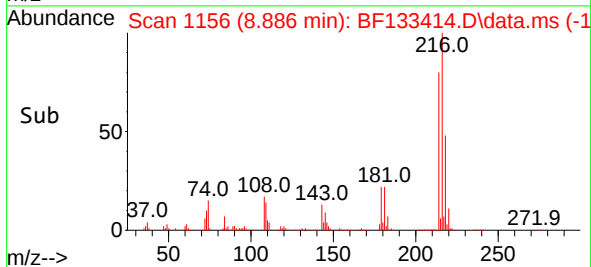
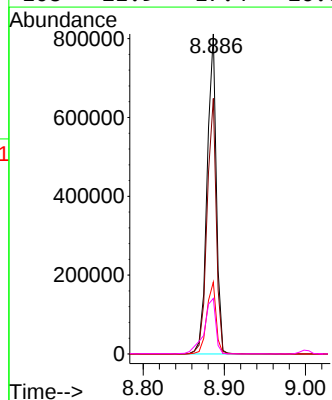
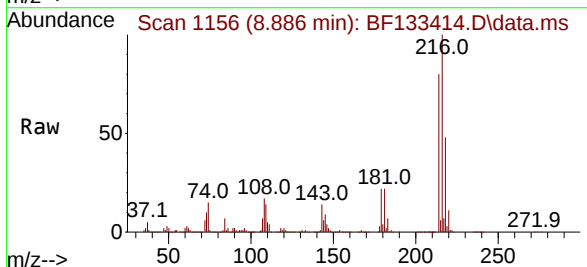
Instrument :
BNA_F
ClientSampleId :

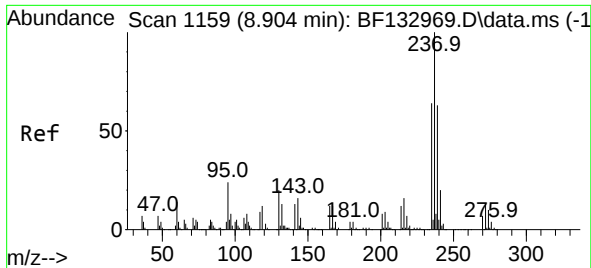
Tgt Ion:164 Resp: 557626
Ion Ratio Lower Upper
164 100
162 99.2 78.7 118.1
160 44.8 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.472 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:216 Resp: 636785
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 22.5 17.4 26.2
108 21.9 17.4 26.0

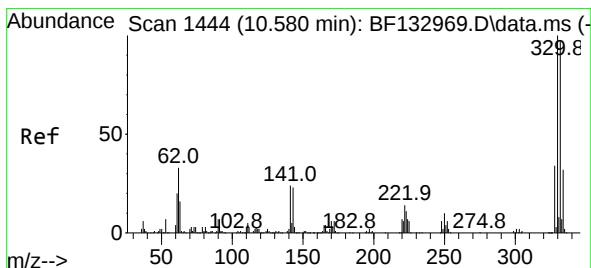
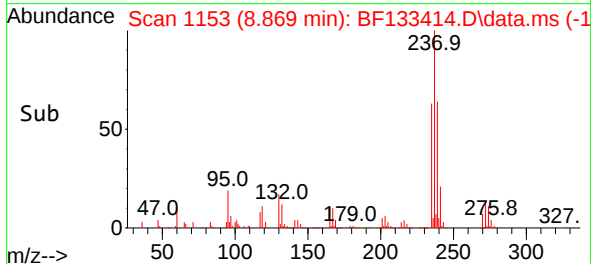
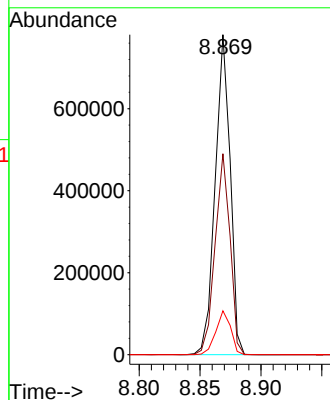
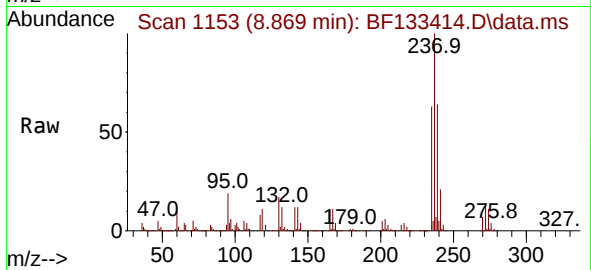




#41
Hexachlorocyclopentadiene
Concen: 76.182 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

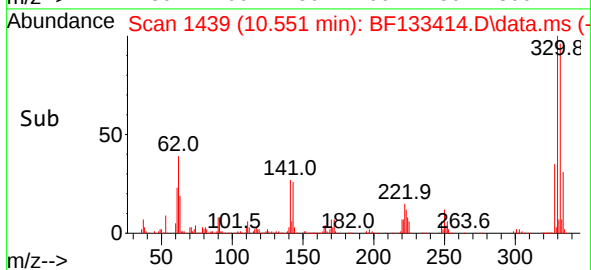
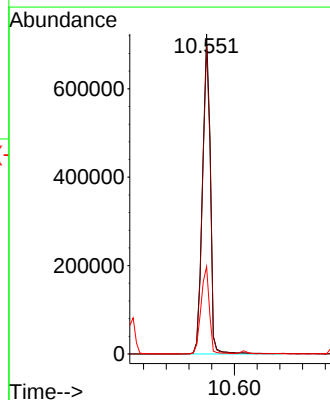
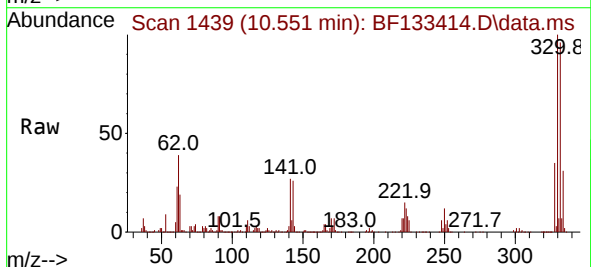
Instrument :
BNA_F
ClientSampleId :

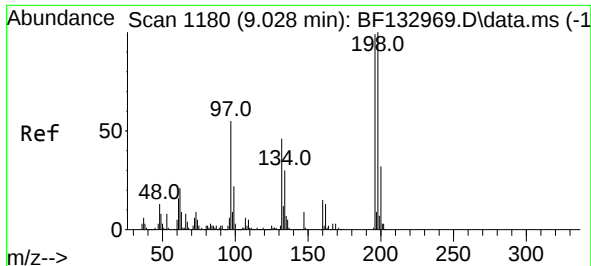
Tgt Ion:237 Resp: 666130
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 13.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 124.045 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:330 Resp: 695644
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 28.9 25.8 38.8

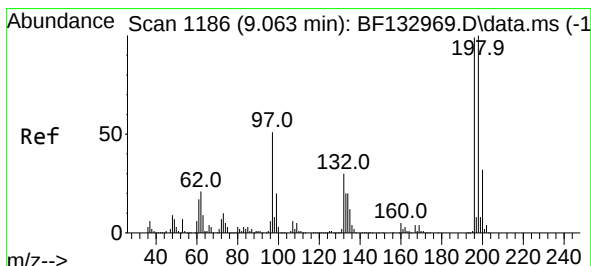
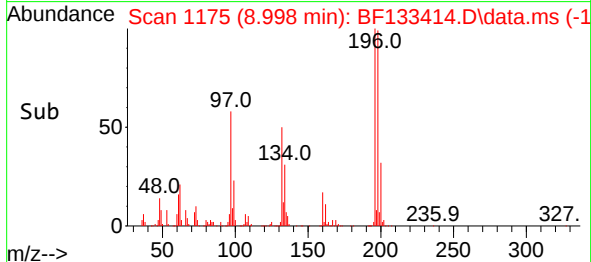
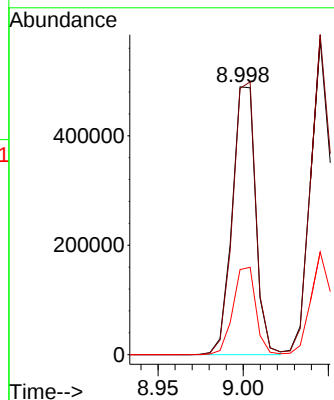
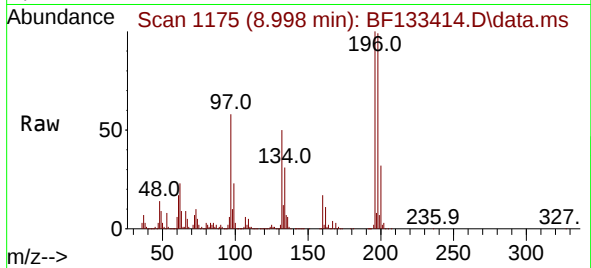




#43
2,4,6-Trichlorophenol
Concen: 45.361 ng
RT: 8.998 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

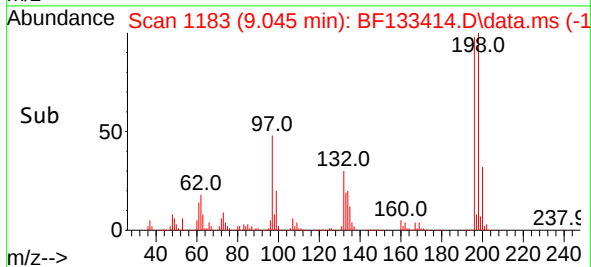
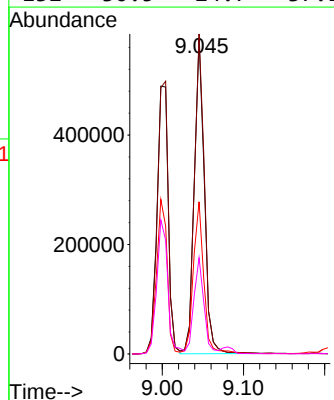
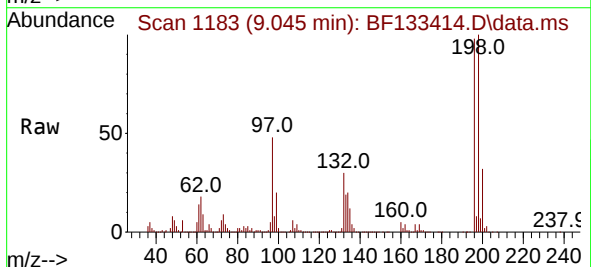
Instrument :
BNA_F
ClientSampleId :

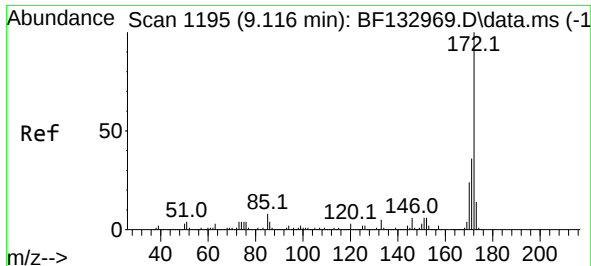
Tgt Ion:196 Resp: 470332
Ion Ratio Lower Upper
196 100
198 99.4 81.0 121.6
200 31.8 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 41.956 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:196 Resp: 503121
Ion Ratio Lower Upper
196 100
198 101.5 80.9 121.3
97 48.3 41.3 61.9
132 30.5 24.7 37.1

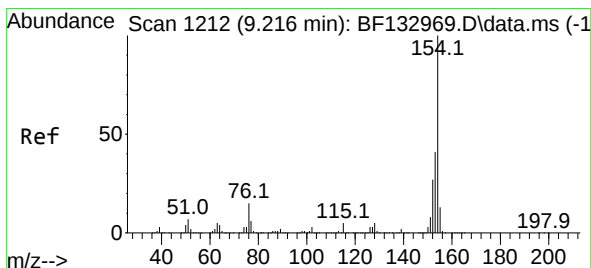
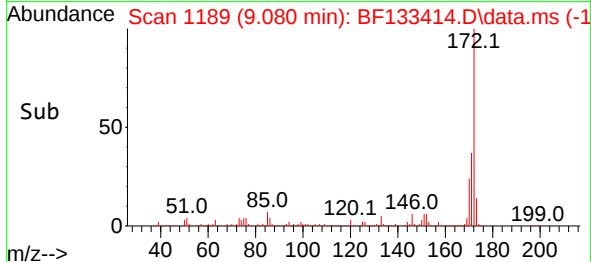
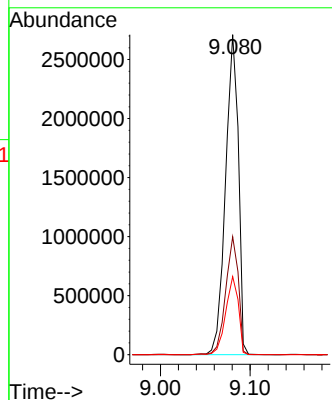
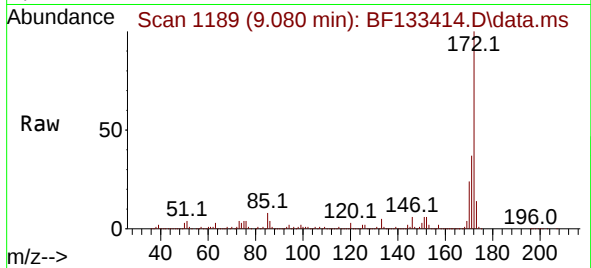




#45
2-Fluorobiphenyl
Concen: 80.723 ng
RT: 9.080 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

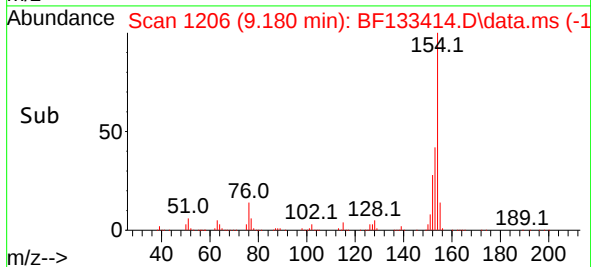
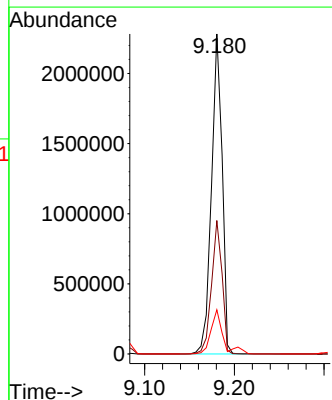
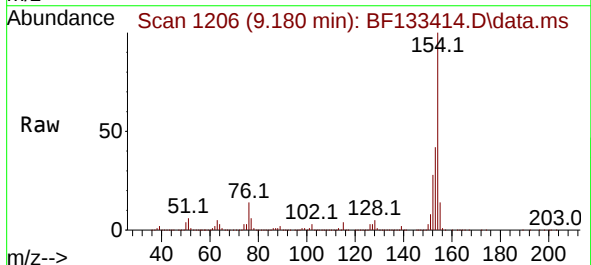
Instrument :
BNA_F
ClientSampleId :

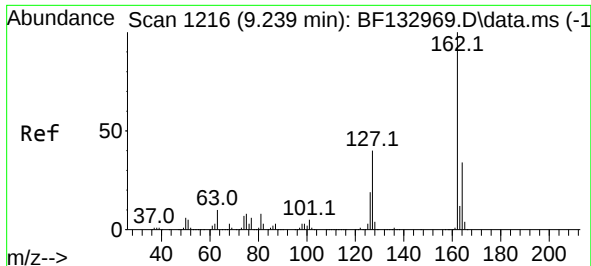
Tgt Ion:172 Resp: 2690580
Ion Ratio Lower Upper
172 100
171 36.9 28.8 43.2
170 24.4 19.4 29.2



#46
1,1'-Biphenyl
Concen: 42.545 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:154 Resp: 1881237
Ion Ratio Lower Upper
154 100
153 41.7 21.0 61.0
76 13.8 0.0 34.5

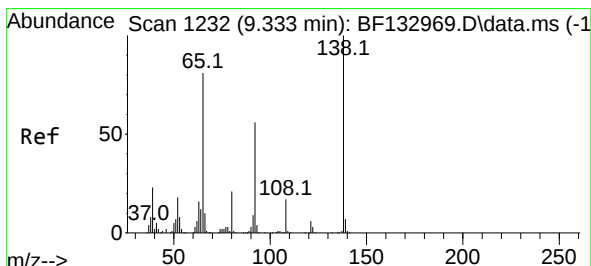
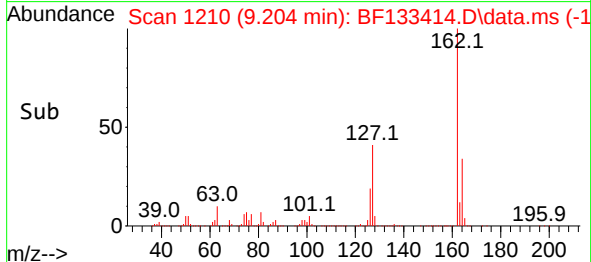
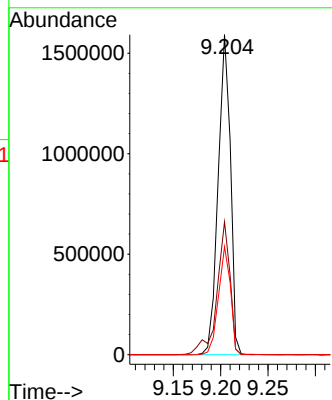
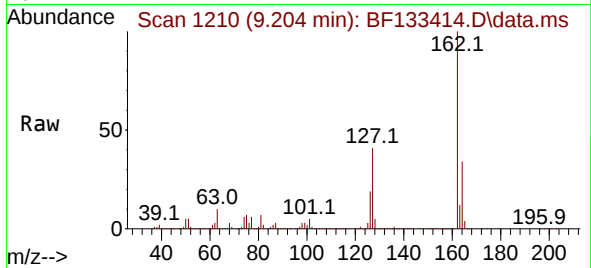




#47
2-Chloronaphthalene
Concen: 44.227 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

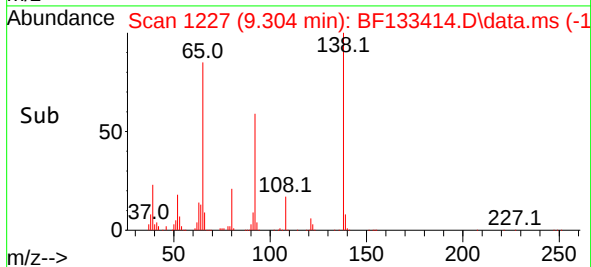
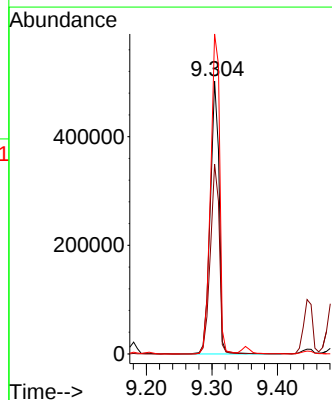
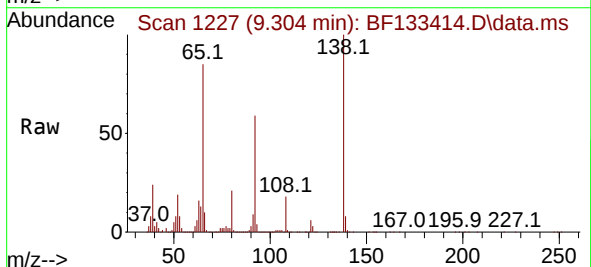
Instrument :
BNA_F
ClientSampleId :

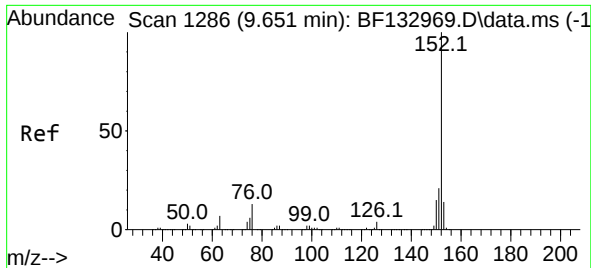
Tgt Ion:162 Resp: 1431370
Ion Ratio Lower Upper
162 100
127 41.5 32.3 48.5
164 33.8 26.8 40.2



#48
2-Nitroaniline
Concen: 44.244 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion: 65 Resp: 473244
Ion Ratio Lower Upper
65 100
92 69.6 55.4 83.0
138 117.3 98.2 147.2

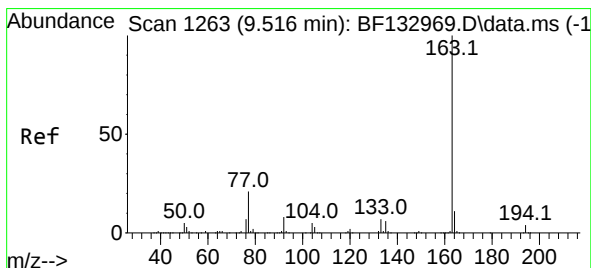
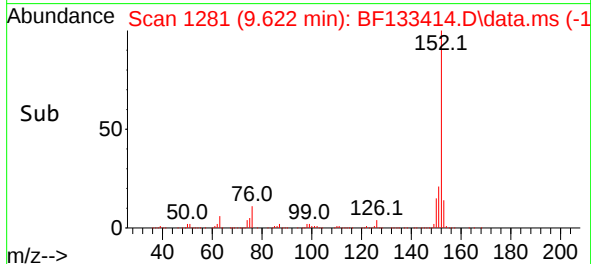
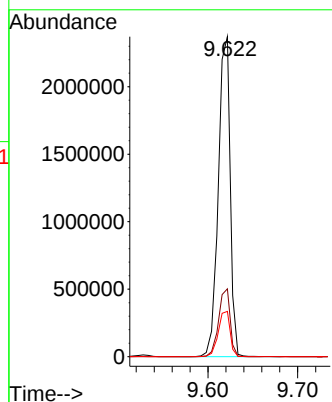
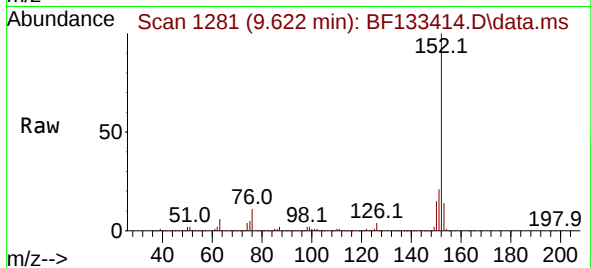




#49
Acenaphthylene
Concen: 42.157 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

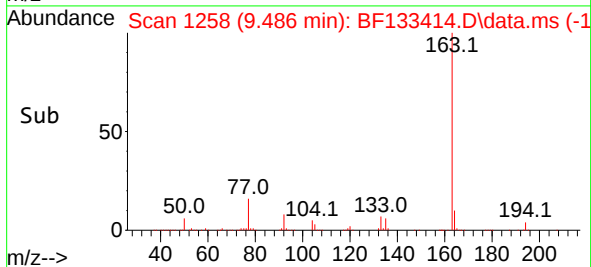
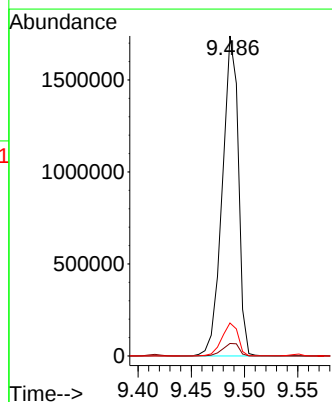
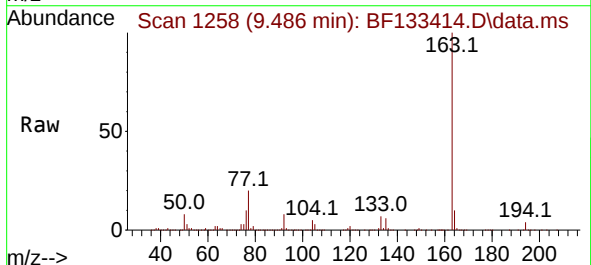
Instrument :
BNA_F
ClientSampleId :

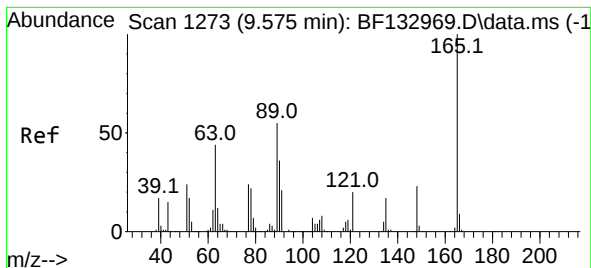
Tgt Ion:152 Resp: 2180071
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 14.2 11.5 17.3



#50
Dimethylphthalate
Concen: 46.740 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:163 Resp: 1817339
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 46.666 ng

RT: 9.551 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

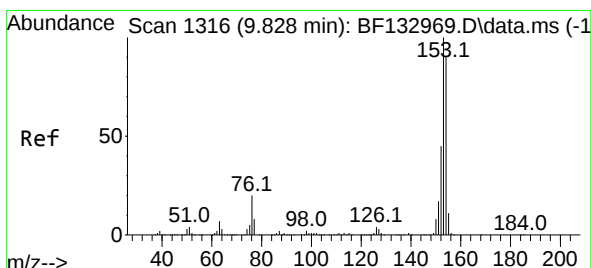
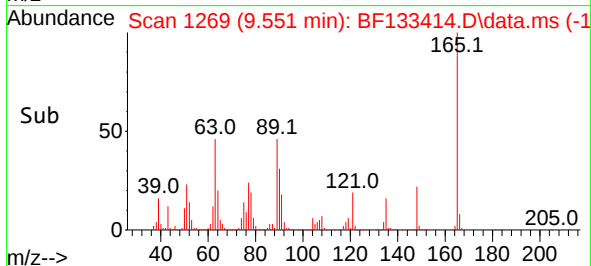
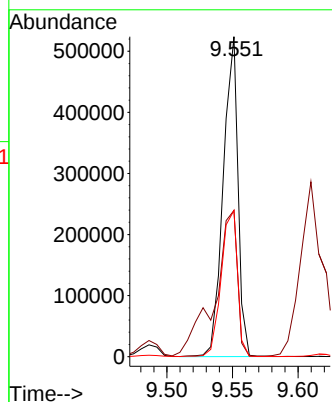
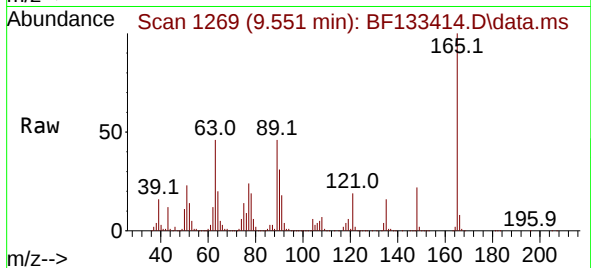
Tgt Ion:165 Resp: 408395

Ion Ratio Lower Upper

165 100

63 45.7 45.9 68.9#

89 45.7 44.0 66.0



#52

Acenaphthene

Concen: 39.577 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

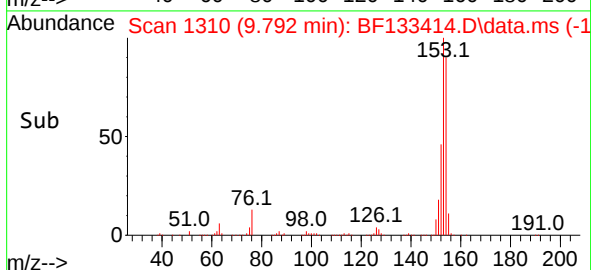
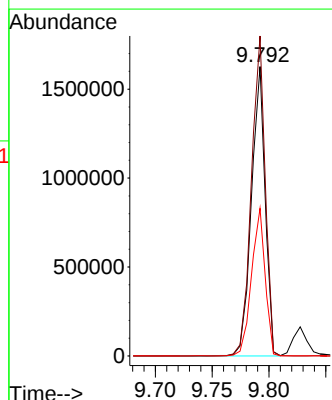
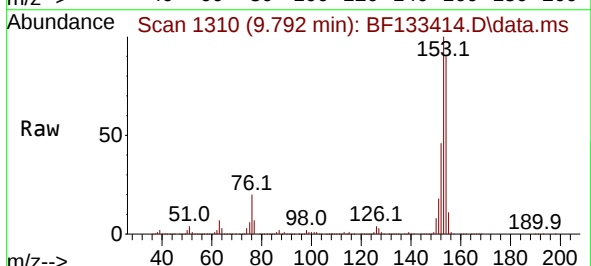
Tgt Ion:154 Resp: 1370740

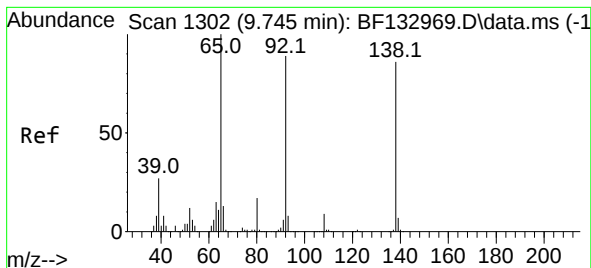
Ion Ratio Lower Upper

154 100

153 110.6 89.0 133.6

152 51.1 40.4 60.6





#53

3-Nitroaniline

Concen: 31.255 ng

RT: 9.716 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

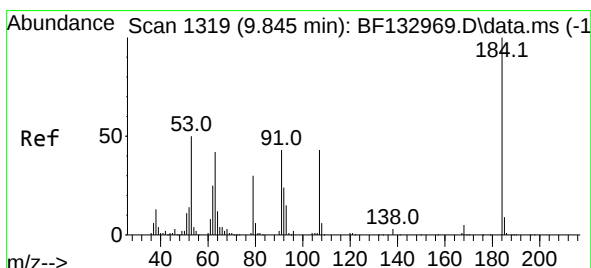
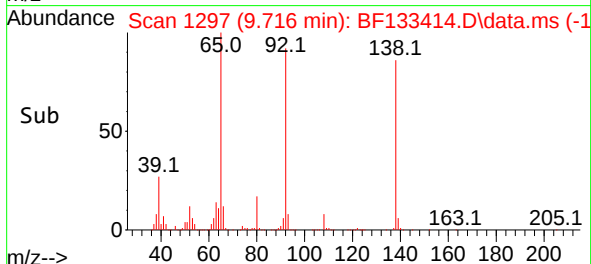
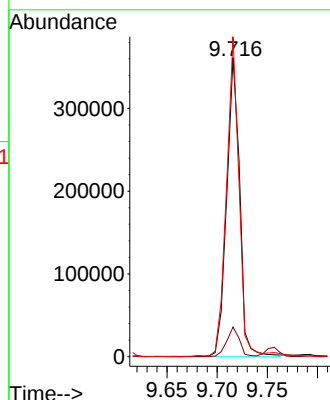
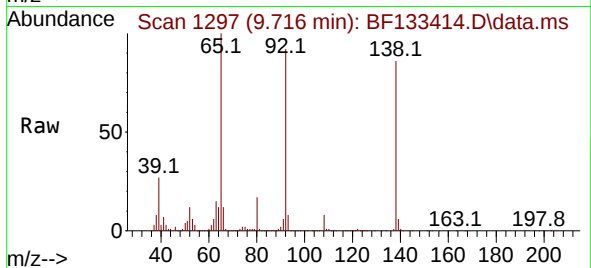
Tgt Ion:138 Resp: 325227

Ion Ratio Lower Upper

138 100

108 9.9 8.0 12.0

92 107.0 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 57.255 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

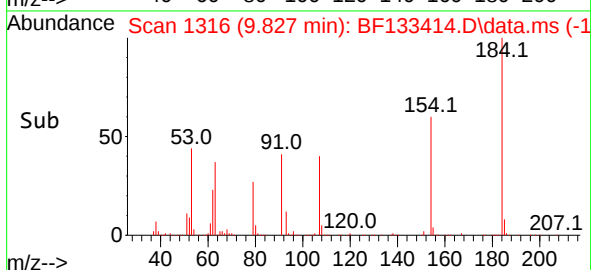
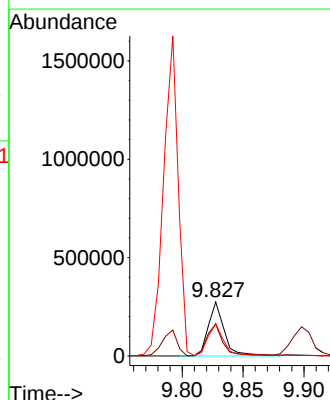
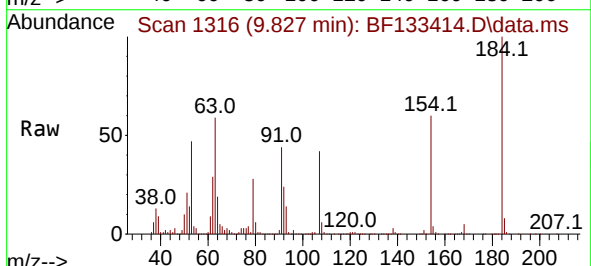
Tgt Ion:184 Resp: 251859

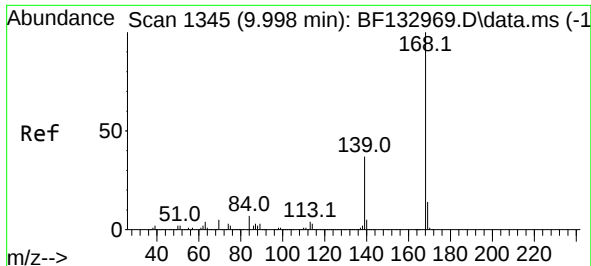
Ion Ratio Lower Upper

184 100

63 58.9 49.8 74.8

154 59.8 49.5 74.3

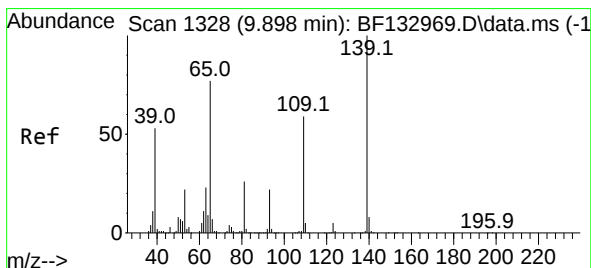
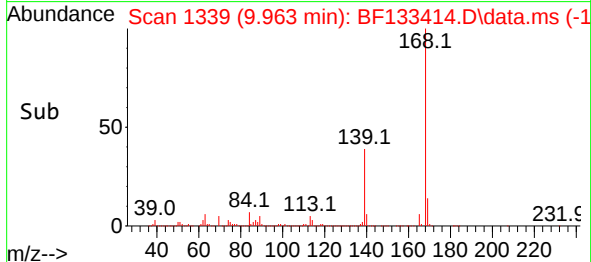
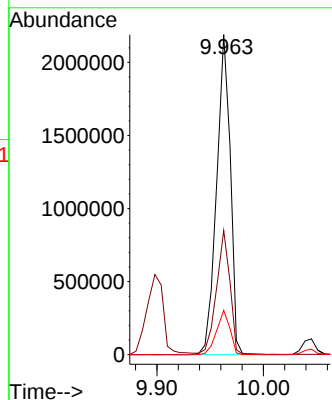
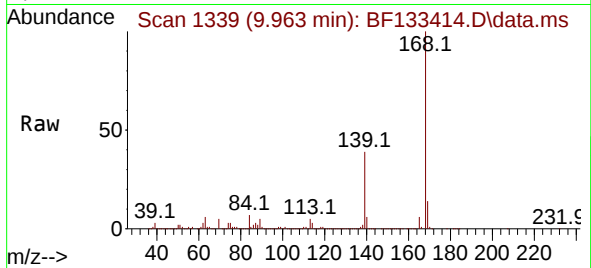




#55
Dibenzenofuran
Concen: 41.350 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

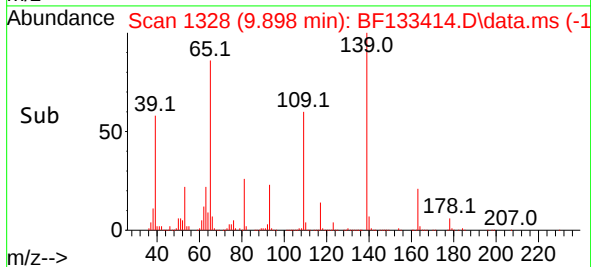
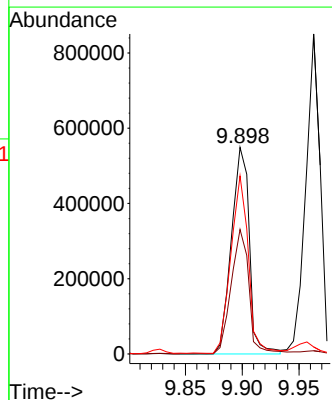
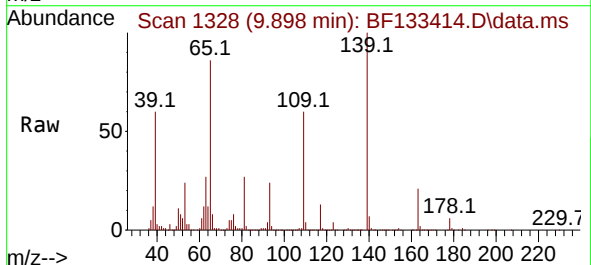
Instrument :
BNA_F
ClientSampleId :

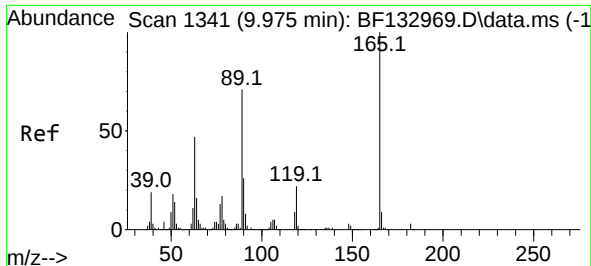
Tgt Ion:168 Resp: 1953590
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 74.629 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:139 Resp: 601458
Ion Ratio Lower Upper
139 100
109 60.2 39.4 79.4
65 86.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 44.959 ng

RT: 9.957 min Scan# 1

Delta R.T. -0.000 min

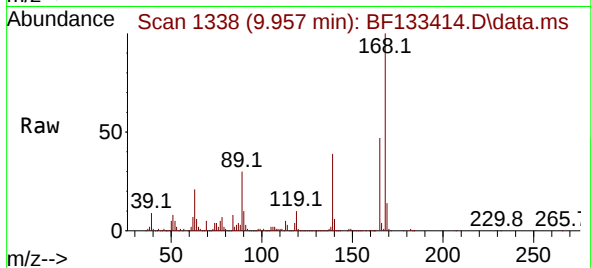
Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 501759

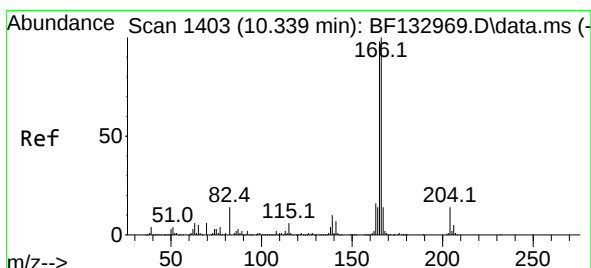
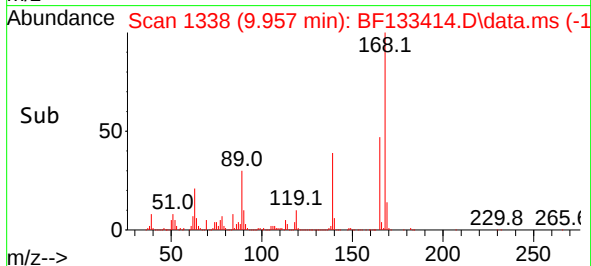
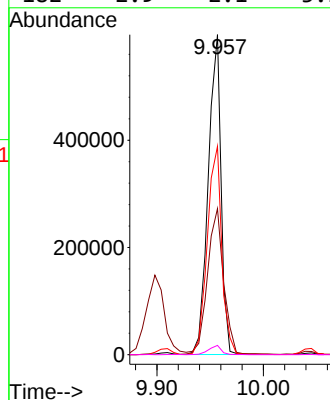
Ion Ratio Lower Upper

165 100

63 45.6 37.7 56.5

89 65.1 57.0 85.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 43.035 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

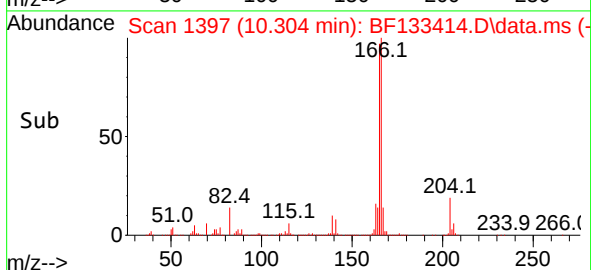
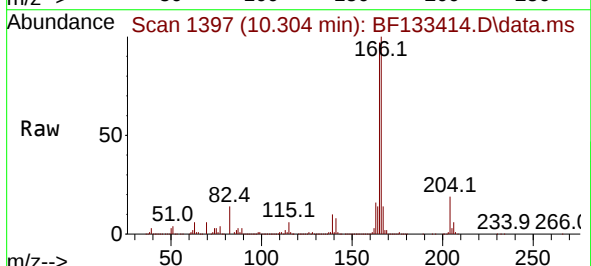
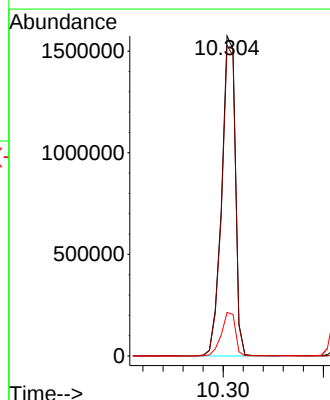
Tgt Ion:166 Resp: 1489602

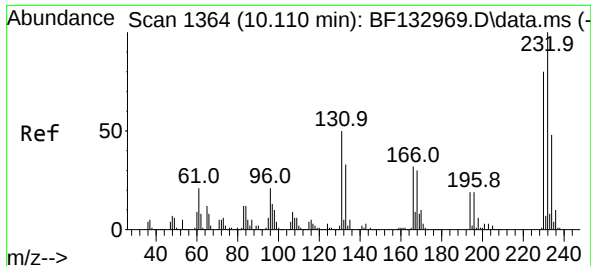
Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

167 13.6 11.0 16.4

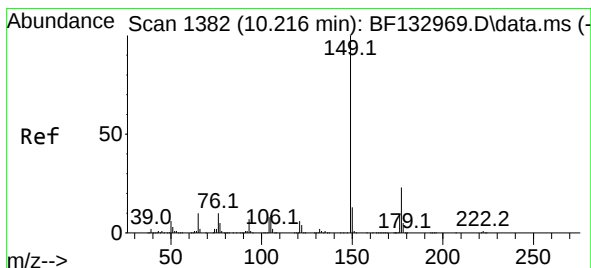
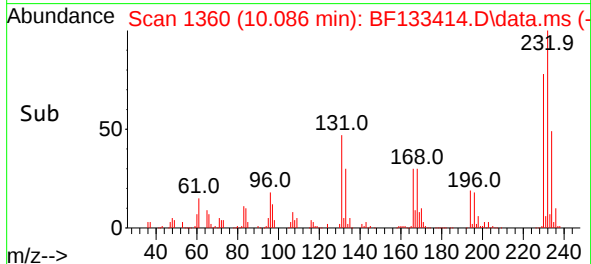
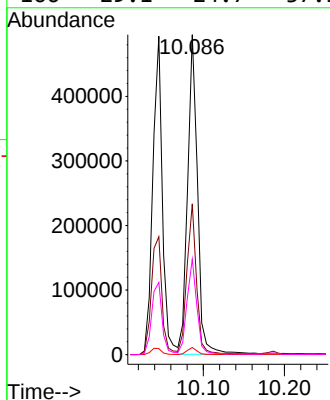
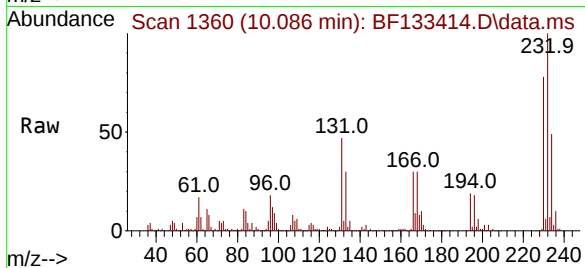




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.094 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

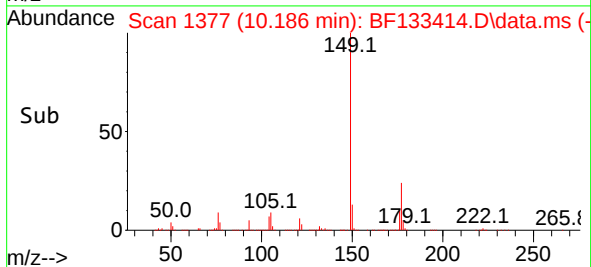
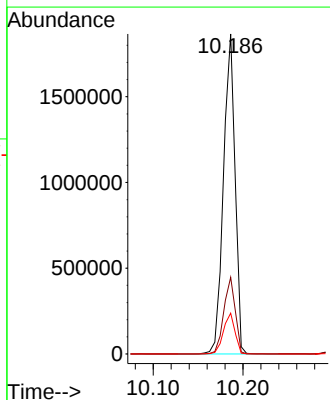
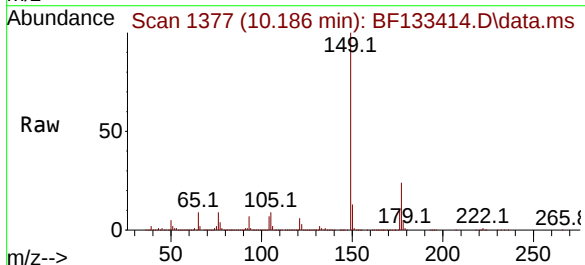
Instrument :
BNA_F
ClientSampleId :

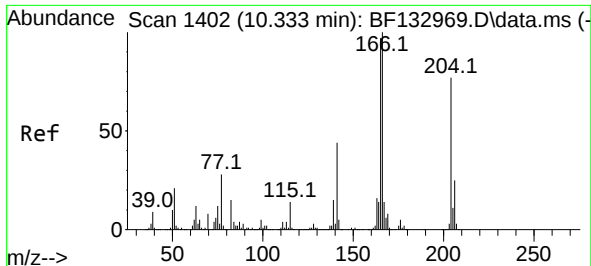
Tgt Ion:232 Resp: 419226
Ion Ratio Lower Upper
232 100
131 45.1 38.0 57.0
130 2.1 1.8 2.8
166 29.1 24.7 37.1



#60
Diethylphthalate
Concen: 45.659 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:149 Resp: 1676904
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.4
150 12.7 10.2 15.4

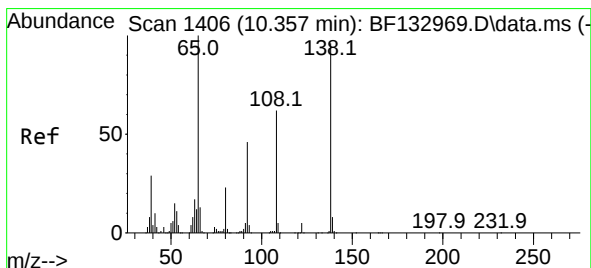
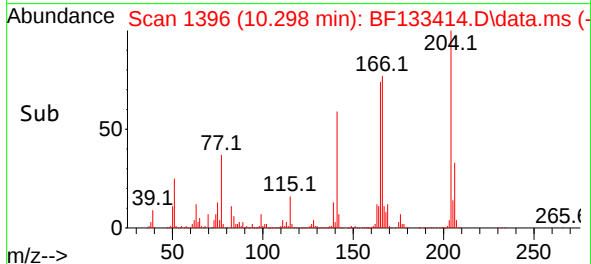
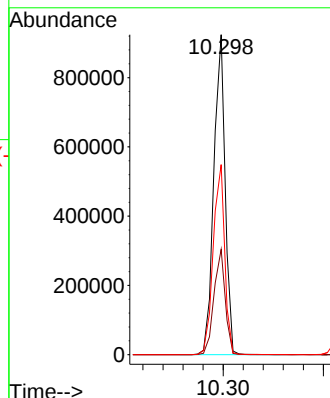
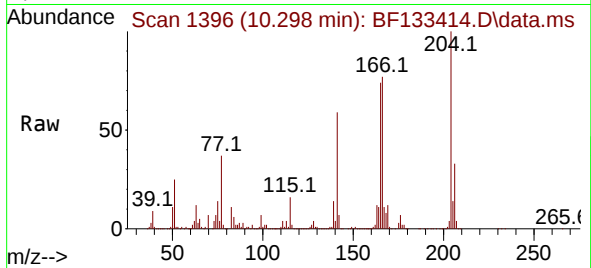




#61
4-Chlorophenyl-phenylether
Concen: 43.039 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

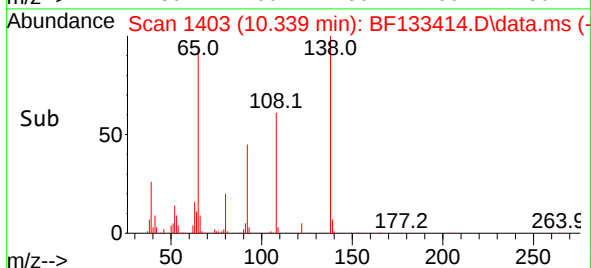
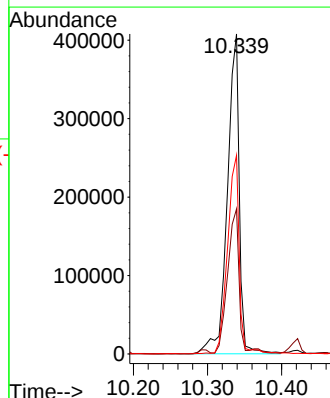
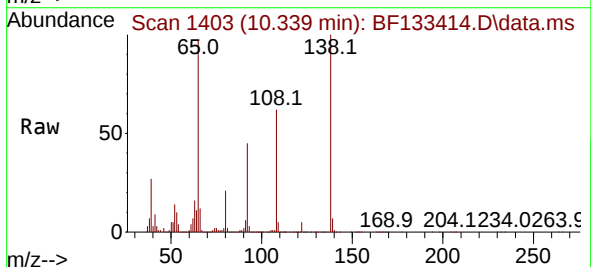
Instrument :
BNA_F
ClientSampleId :

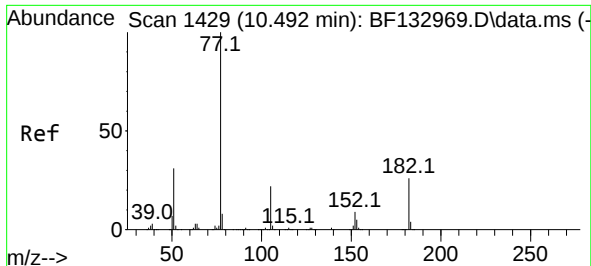
Tgt Ion:204 Resp: 725973
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 59.4 46.1 69.1



#62
4-Nitroaniline
Concen: 47.744 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:138 Resp: 456606
Ion Ratio Lower Upper
138 100
92 45.3 27.7 67.7
108 62.0 45.2 85.2

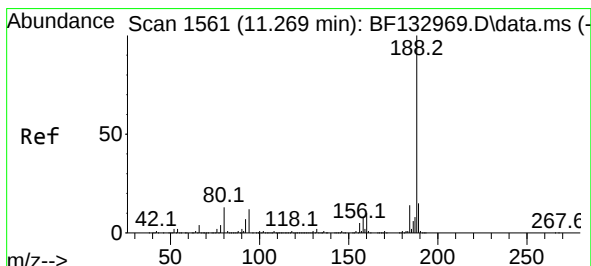
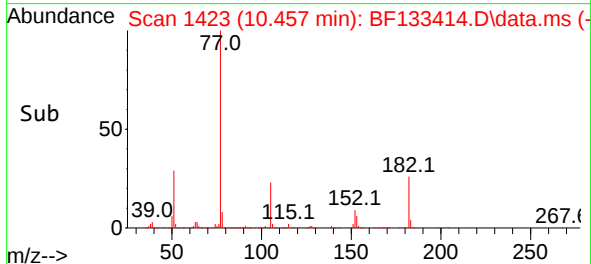
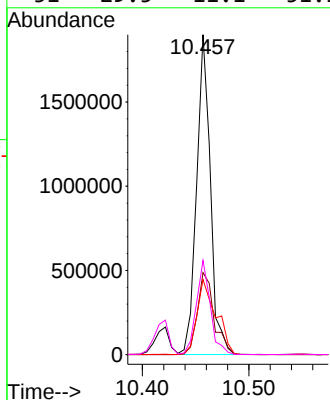
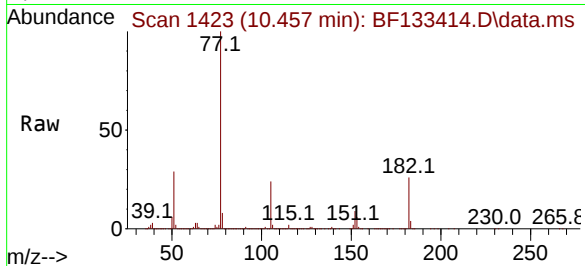




#63
Azobenzene
Concen: 43.938 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

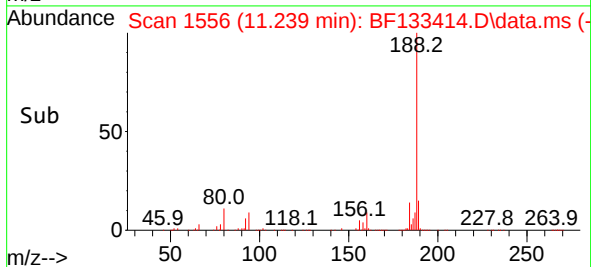
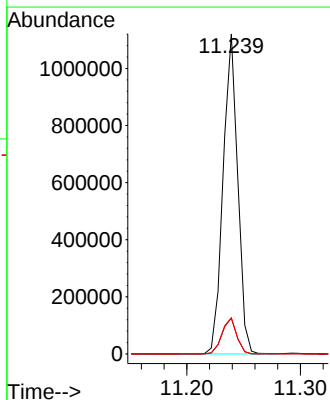
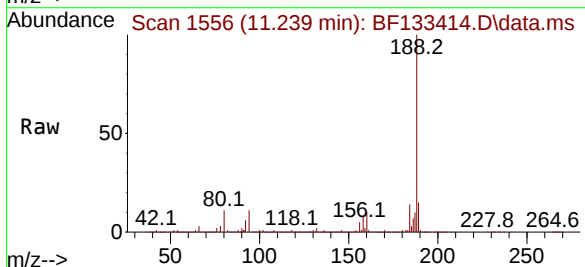
Instrument :
BNA_F
ClientSampleId :

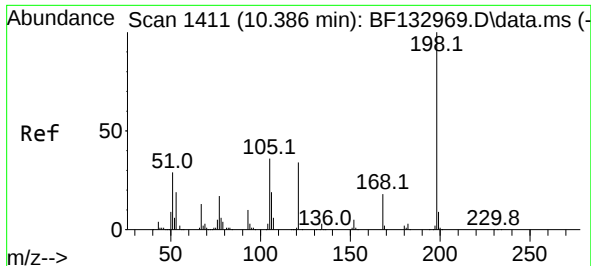
Tgt Ion: 77 Resp: 1709434
Ion Ratio Lower Upper
77 100
182 25.7 5.9 45.9
105 23.5 2.3 42.3
51 29.5 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion: 188 Resp: 1004540
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.3 10.4 15.6

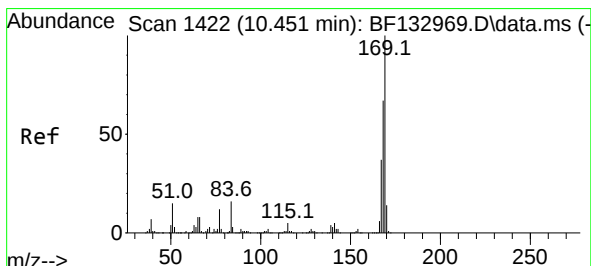
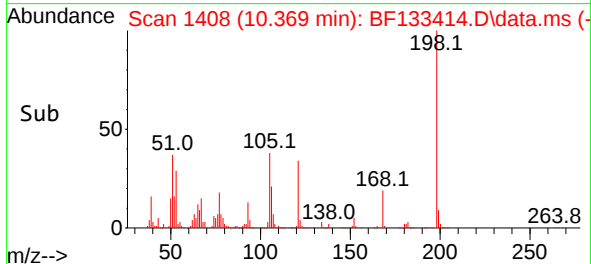
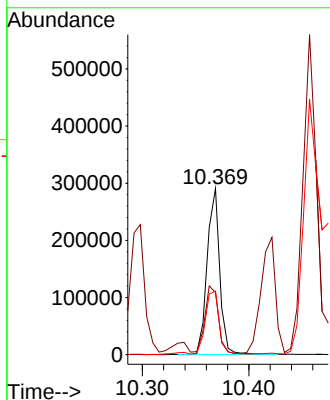
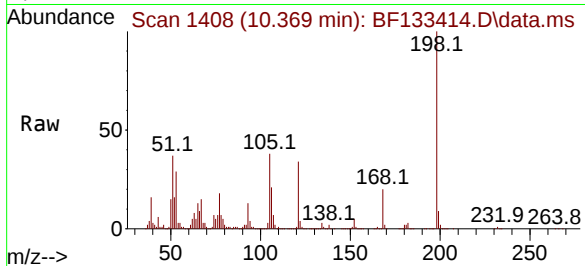




#65
4,6-Dinitro-2-methylphenol
Concen: 39.171 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

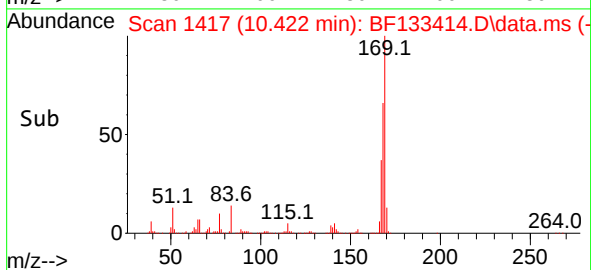
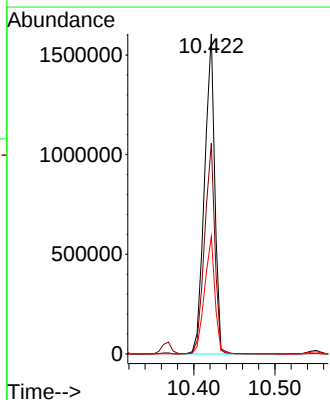
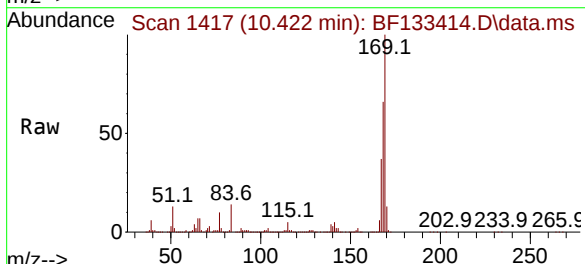
Instrument :
BNA_F
ClientSampleId :

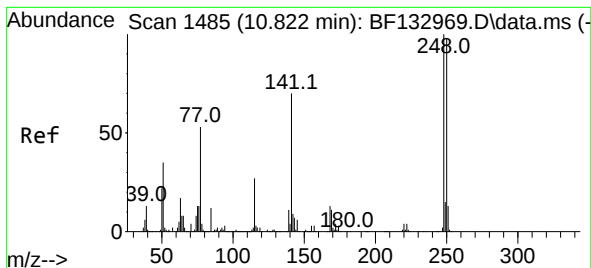
Tgt Ion:198 Resp: 238500
Ion Ratio Lower Upper
198 100
51 37.5 15.5 55.5
105 38.3 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 43.018 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

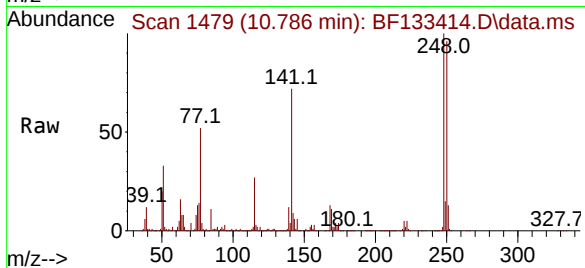
Tgt Ion:169 Resp: 1401720
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.8
167 36.7 29.7 44.5



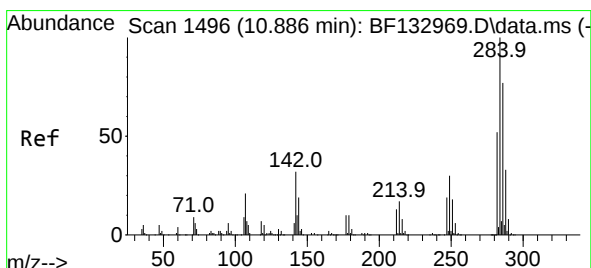
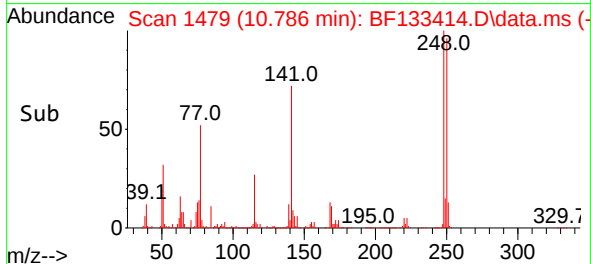
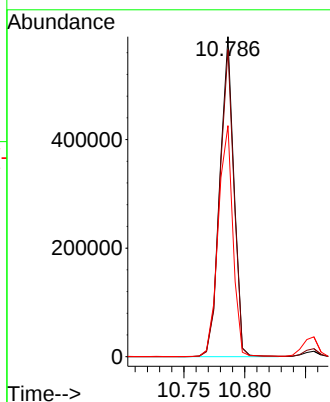


#67
4-Bromophenyl-phenylether
Concen: 43.796 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Instrument :
BNA_F
ClientSampleId :

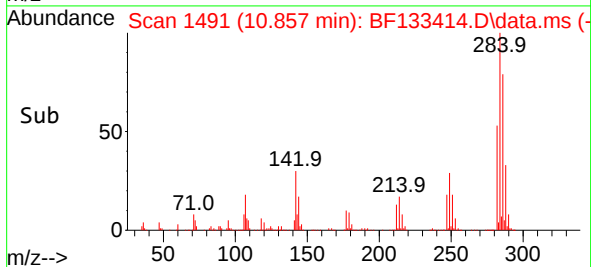
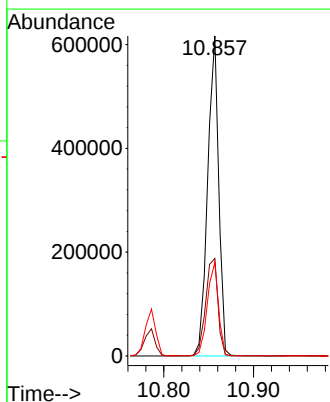
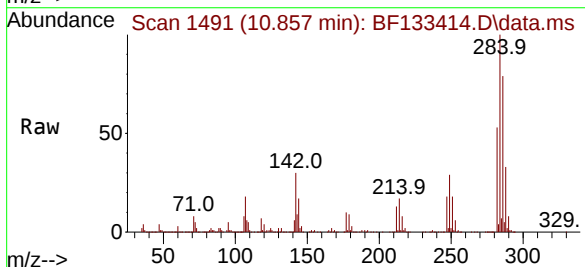


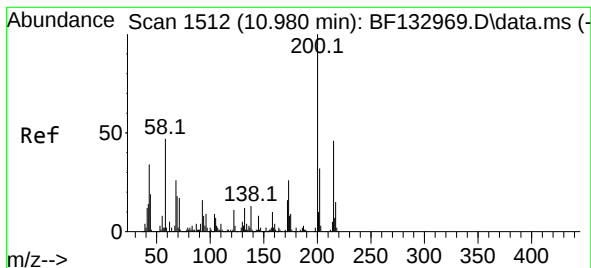
Tgt Ion:248 Resp: 477145
Ion Ratio Lower Upper
248 100
250 96.0 78.7 118.1
141 72.2 56.3 84.5



#68
Hexachlorobenzene
Concen: 47.227 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:284 Resp: 527227
Ion Ratio Lower Upper
284 100
142 30.5 26.0 39.0
249 29.2 23.7 35.5





#69

Atrazine

Concen: 53.361 ng

RT: 10.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

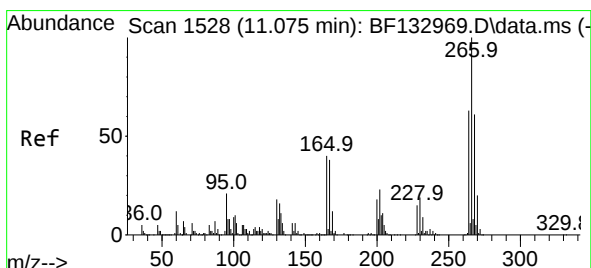
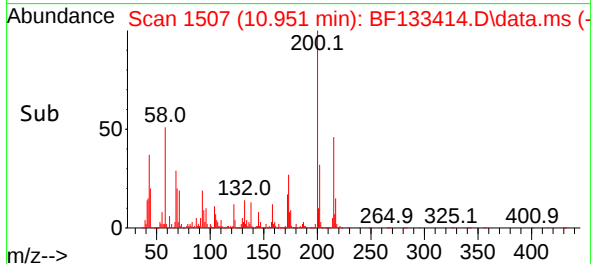
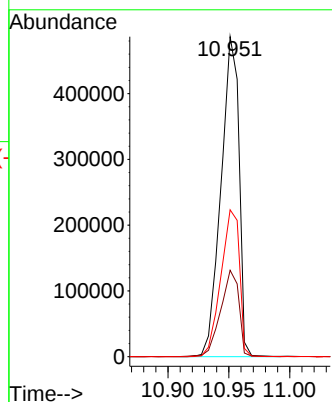
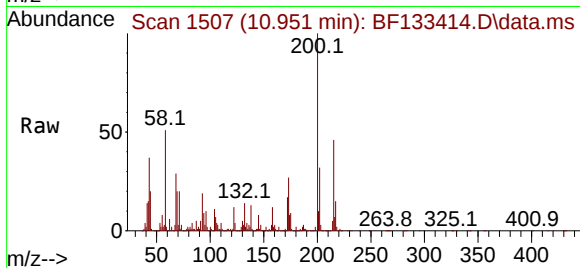
Tgt Ion:200 Resp: 501012

Ion Ratio Lower Upper

200 100

173 27.0 6.2 46.2

215 45.9 26.3 66.3



#70

Pentachlorophenol

Concen: 62.221 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

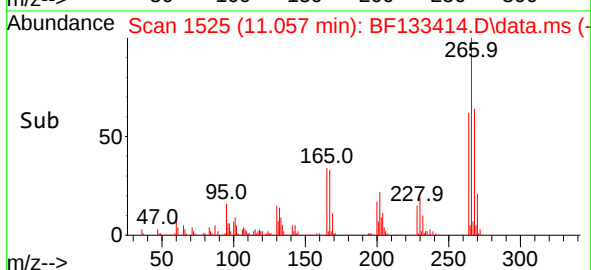
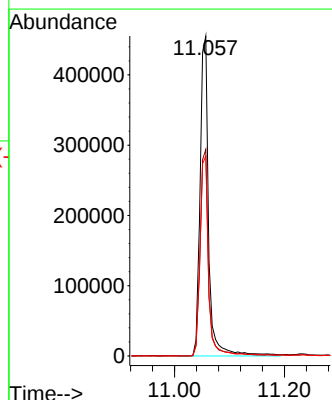
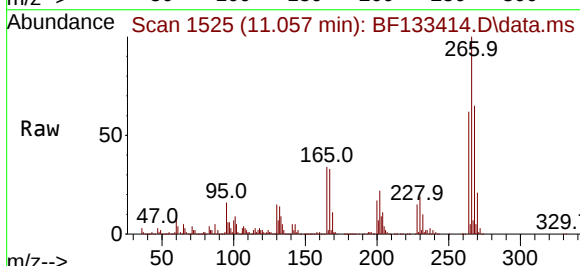
Tgt Ion:266 Resp: 494704

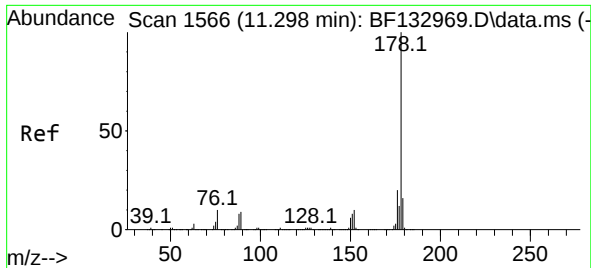
Ion Ratio Lower Upper

266 100

268 64.5 48.8 73.2

264 62.4 50.6 76.0

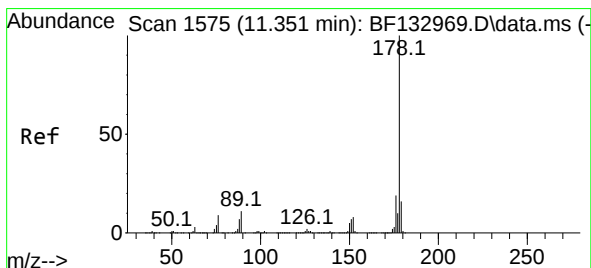
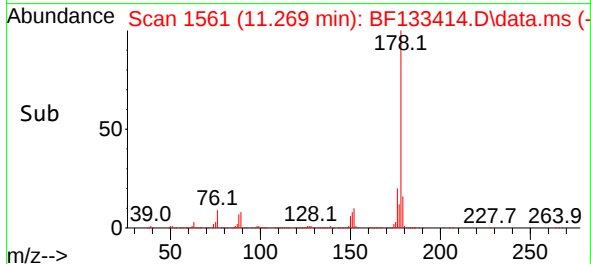
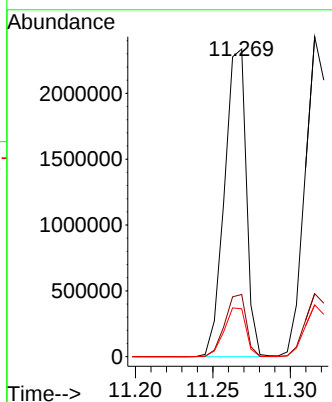
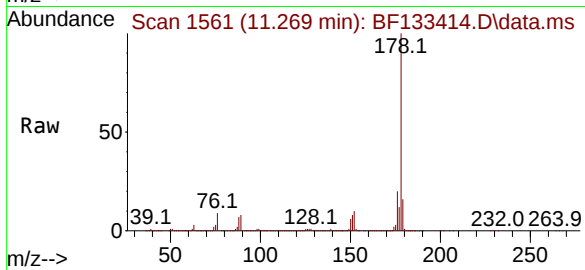




#71
Phenanthrene
Concen: 42.381 ng
RT: 11.269 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

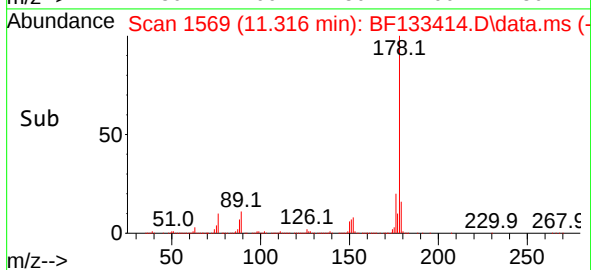
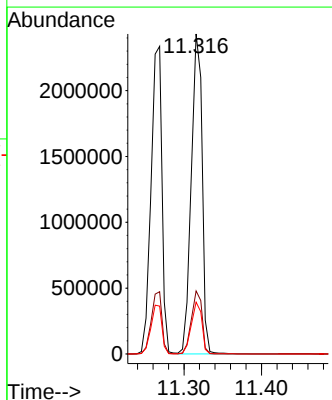
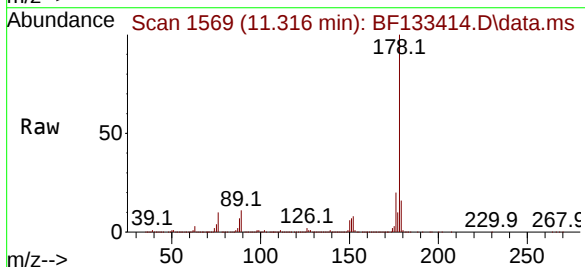
Instrument :
BNA_F
ClientSampleId :

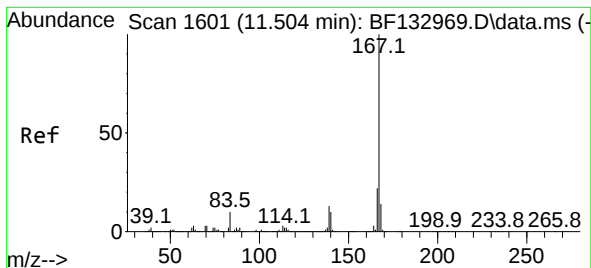
Tgt Ion:178 Resp: 2288210
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 42.797 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:178 Resp: 2364711
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.2 12.4 18.6





#73

Carbazole

Concen: 43.057 ng

RT: 11.474 min Scan# 1

Delta R.T. -0.006 min

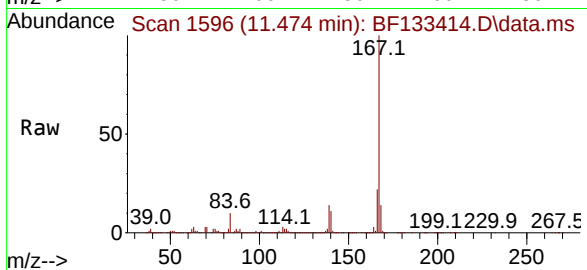
Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :



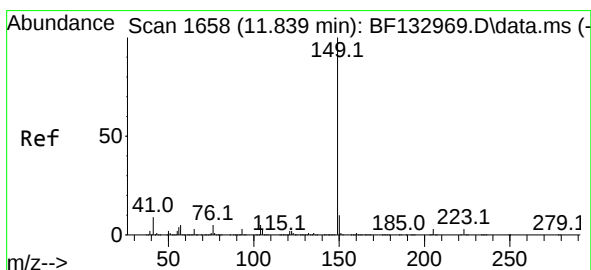
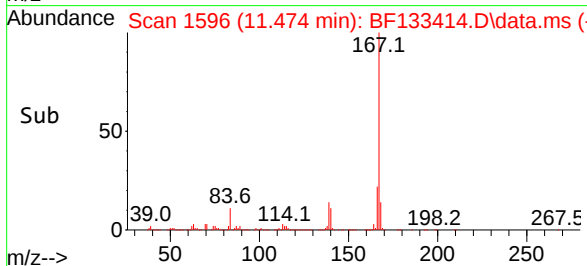
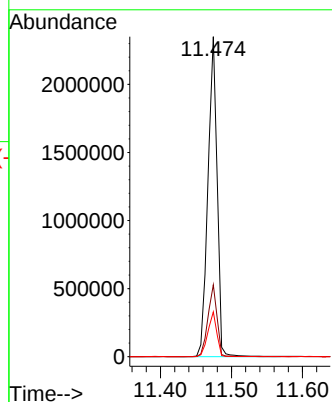
Tgt Ion:167 Resp: 2118372

Ion Ratio Lower Upper

167 100

166 22.5 17.4 26.0

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 47.349 ng

RT: 11.804 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

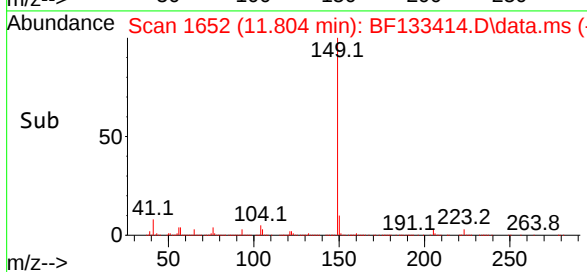
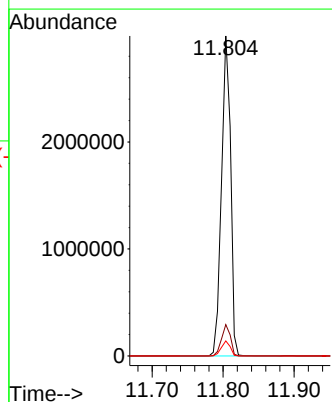
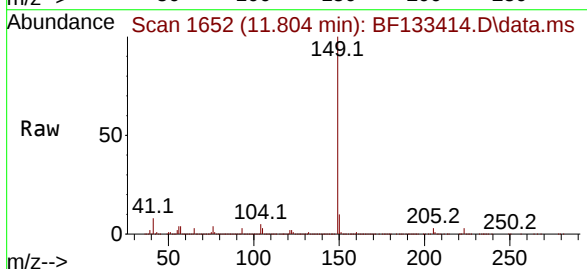
Tgt Ion:149 Resp: 2636241

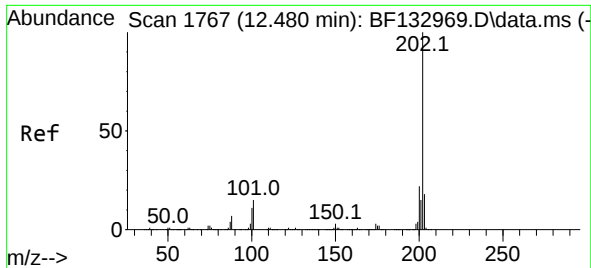
Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

104 4.7 4.0 6.0

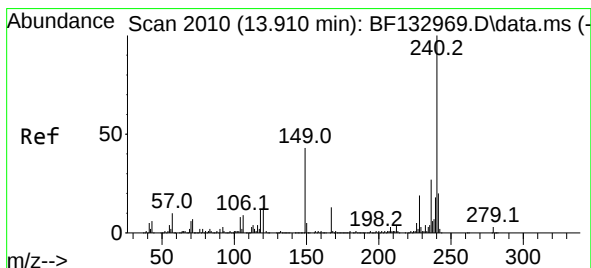
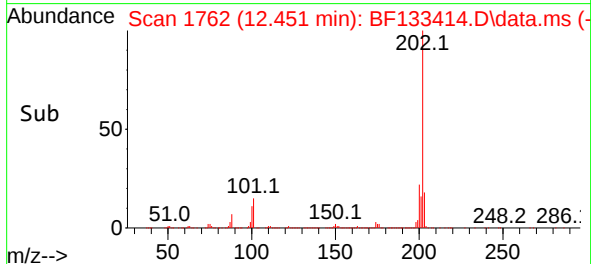
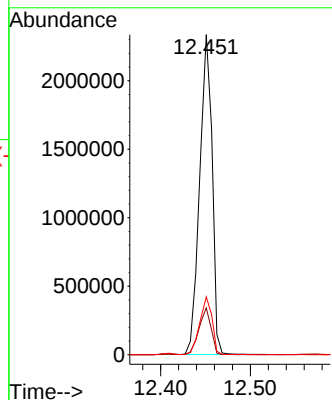
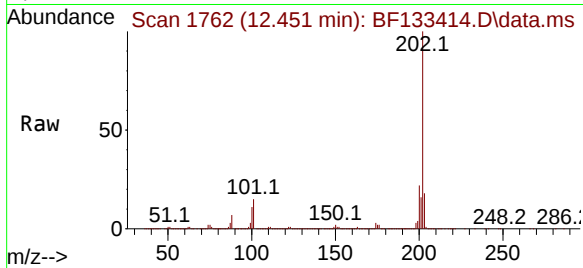




#75
Fluoranthene
Concen: 41.562 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

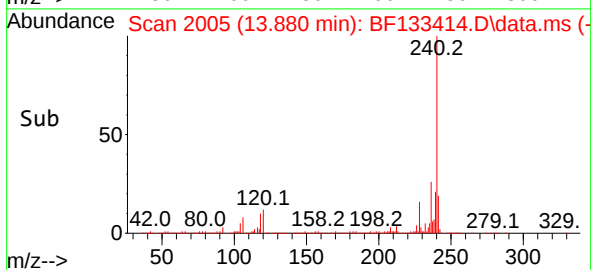
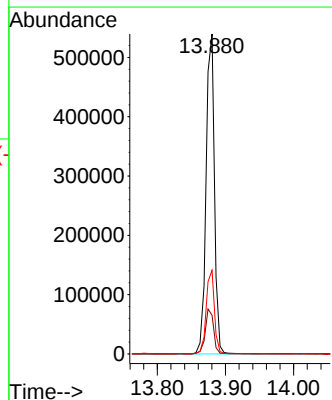
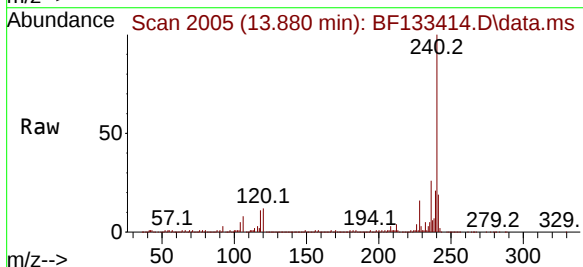
Instrument :
BNA_F
ClientSampleId :

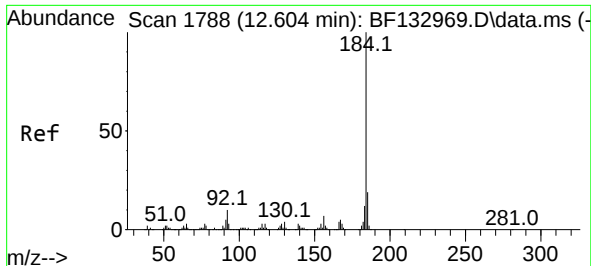
Tgt Ion:202 Resp: 2252056
Ion Ratio Lower Upper
202 100
101 14.6 0.0 35.3
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:240 Resp: 460502
Ion Ratio Lower Upper
240 100
120 12.1 10.5 15.7
236 26.1 21.5 32.3

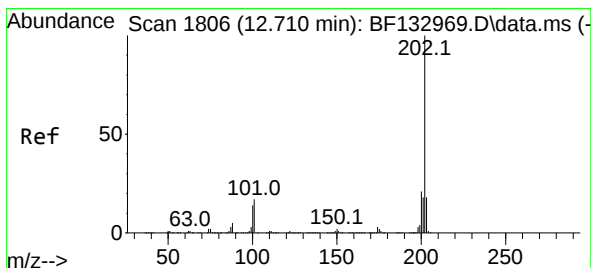
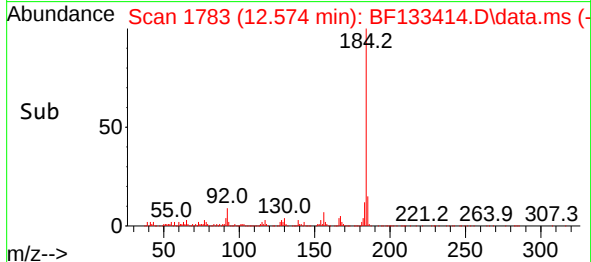
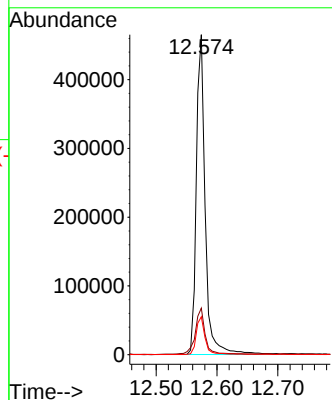
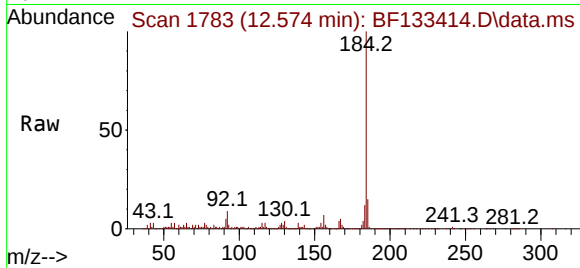




#77
Benzidine
Concen: 60.426 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

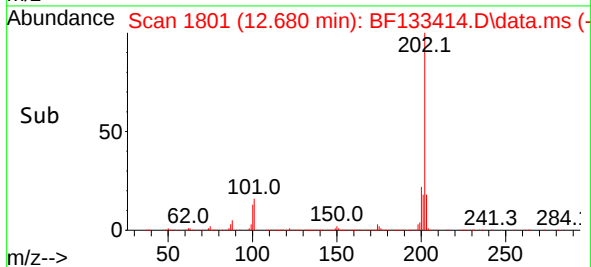
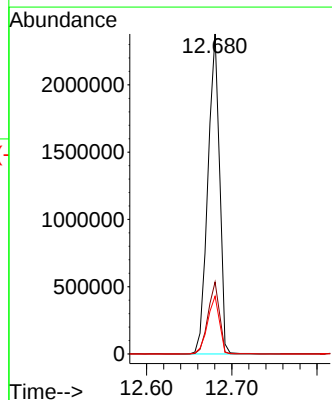
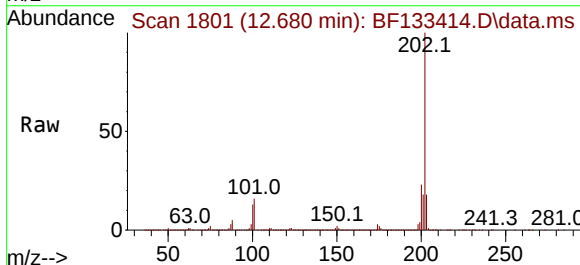
Instrument :
BNA_F
ClientSampleId :

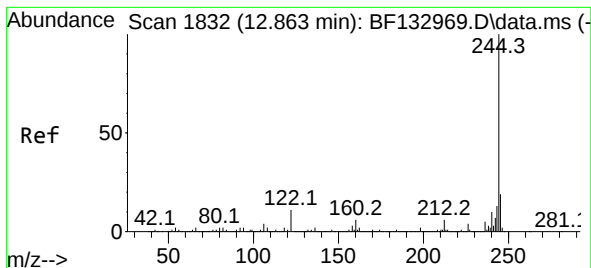
Tgt Ion:184 Resp: 470560
Ion Ratio Lower Upper
184 100
185 14.5 15.4 23.2#
183 11.9 9.4 14.0



#78
Pyrene
Concen: 57.195 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:202 Resp: 2257799
Ion Ratio Lower Upper
202 100
200 22.5 17.1 25.7
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 114.366 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

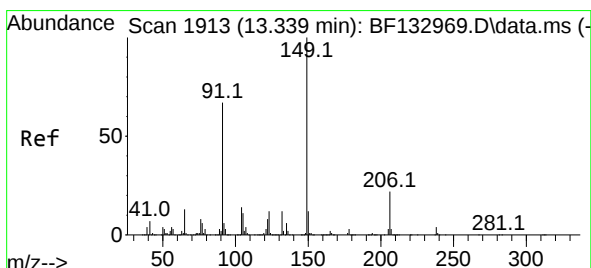
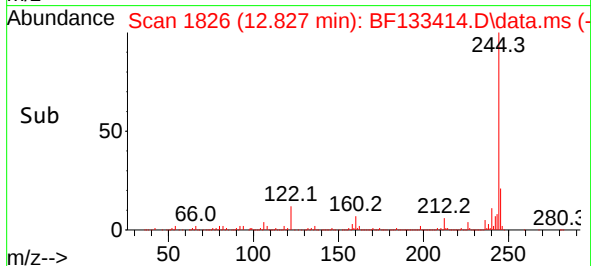
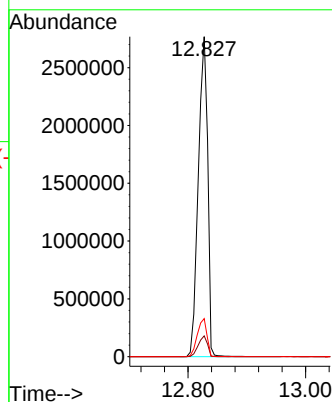
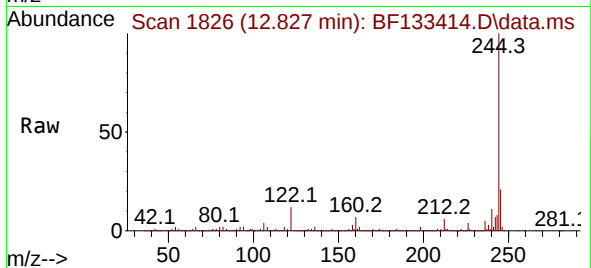
Tgt Ion:244 Resp: 3053681

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.9 8.6 13.0



#80

Butylbenzylphthalate

Concen: 68.059 ng

RT: 13.298 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

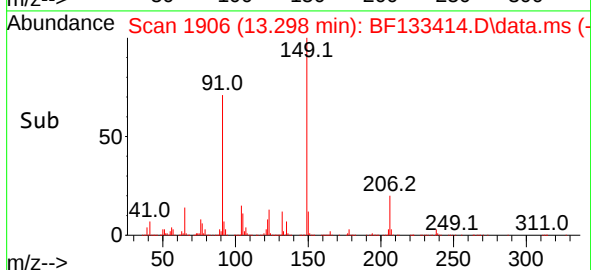
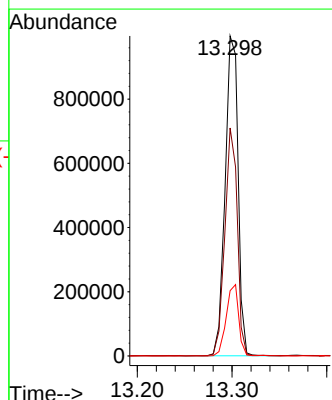
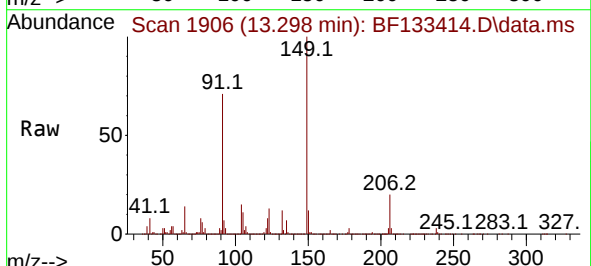
Tgt Ion:149 Resp: 951279

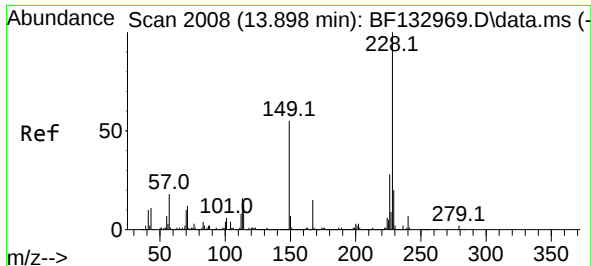
Ion Ratio Lower Upper

149 100

91 71.3 53.8 80.6

206 20.4 17.5 26.3

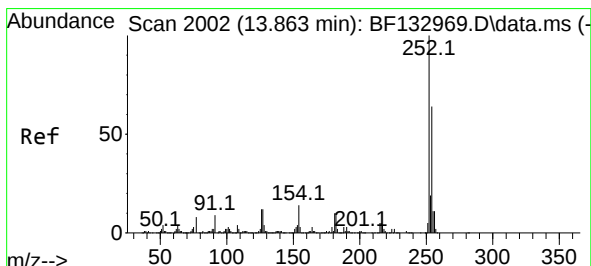
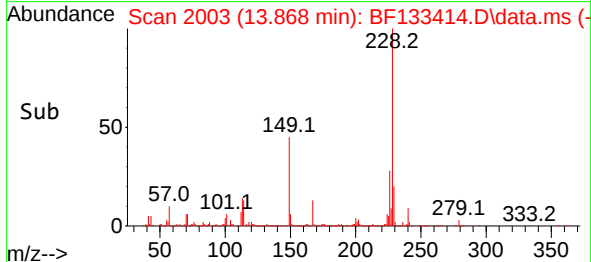
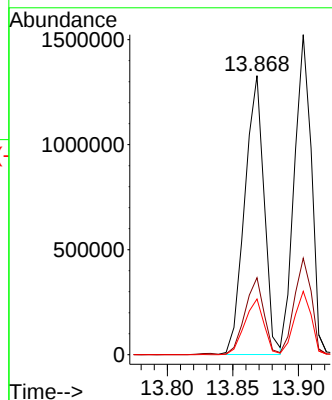
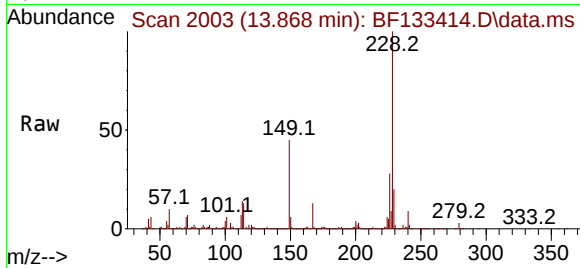




#81
Benzo(a)anthracene
Concen: 43.245 ng
RT: 13.868 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

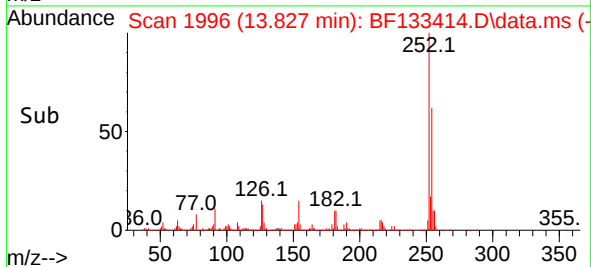
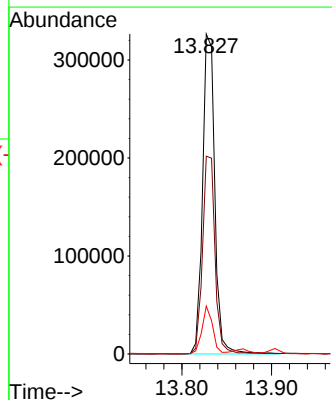
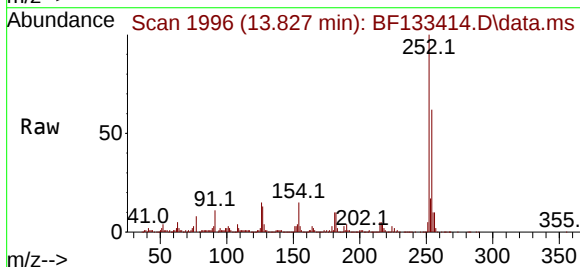
Instrument :
BNA_F
ClientSampleId :

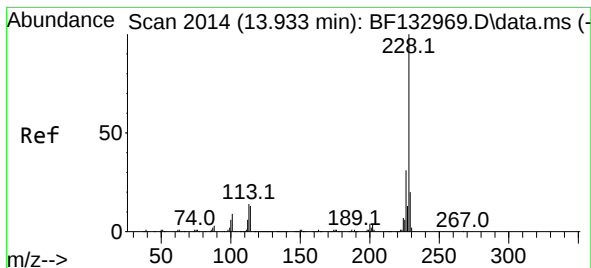
Tgt Ion:228 Resp: 1369440
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 35.318 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:252 Resp: 308969
Ion Ratio Lower Upper
252 100
254 61.8 51.5 77.3
126 15.0 9.5 14.3#





#83

Chrysene

Concen: 43.552 ng

RT: 13.904 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

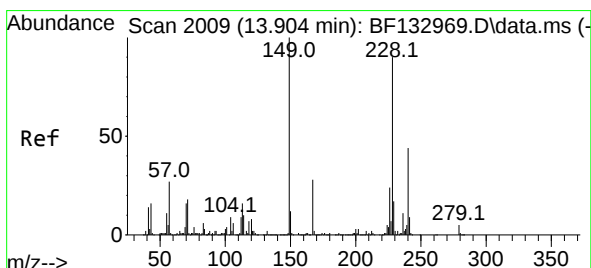
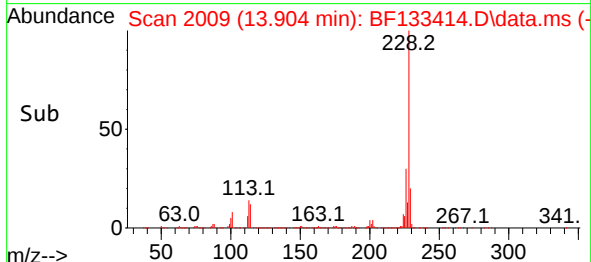
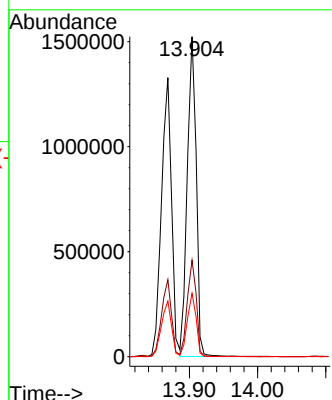
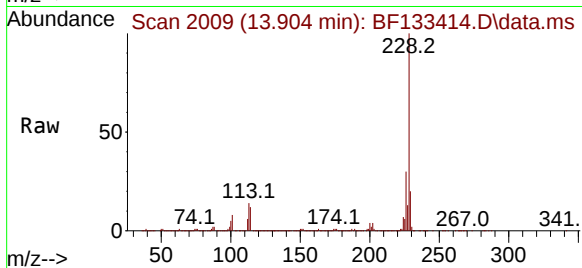
Tgt Ion:228 Resp: 1378847

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.288 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

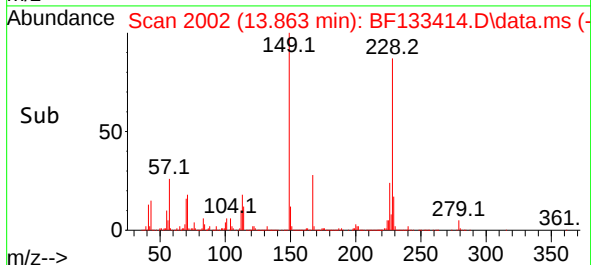
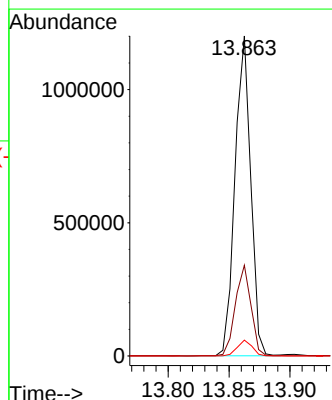
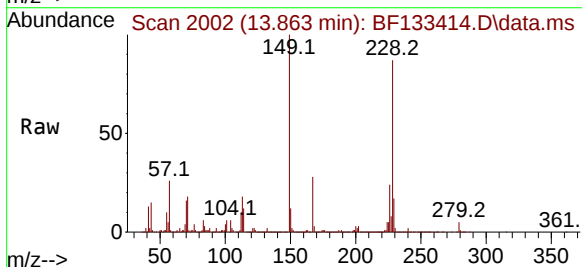
Tgt Ion:149 Resp: 1075238

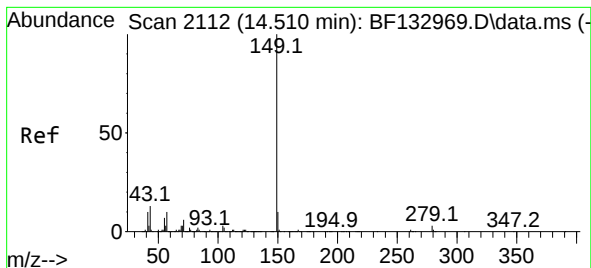
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 5.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 56.755 ng

RT: 14.474 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

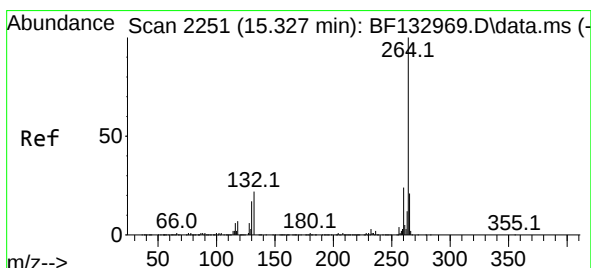
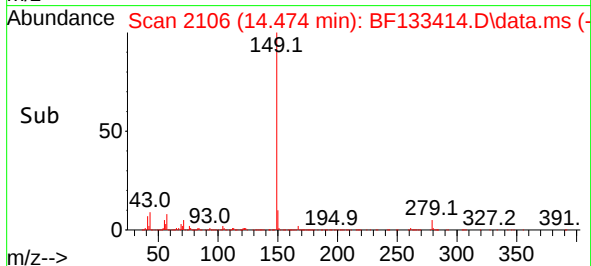
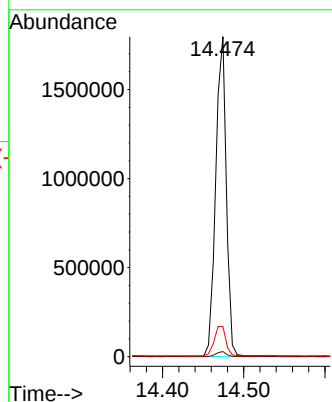
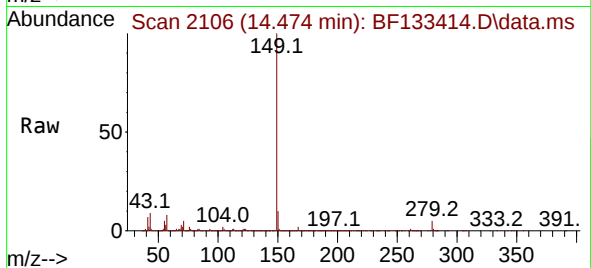
Tgt Ion:149 Resp: 1623573

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.0 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: BF133414.D

Acq: 17 May 2023 15:39

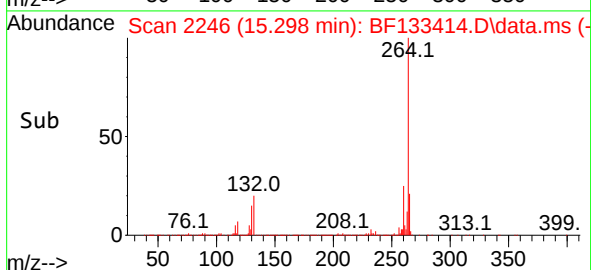
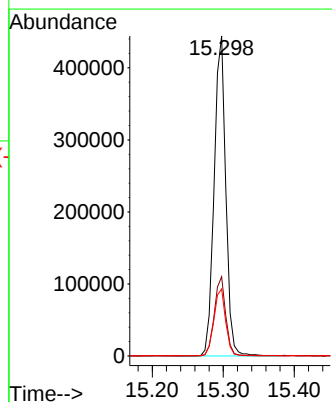
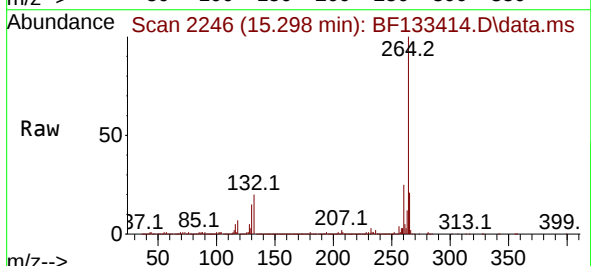
Tgt Ion:264 Resp: 505271

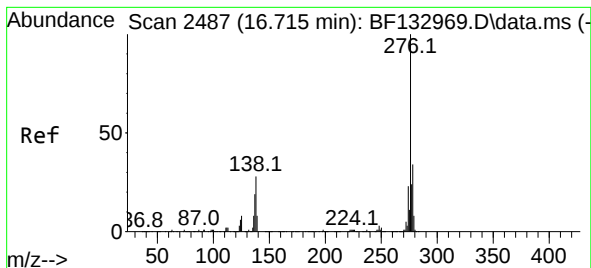
Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.410 ng

RT: 16.686 min Scan# 2487

Delta R.T. -0.012 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

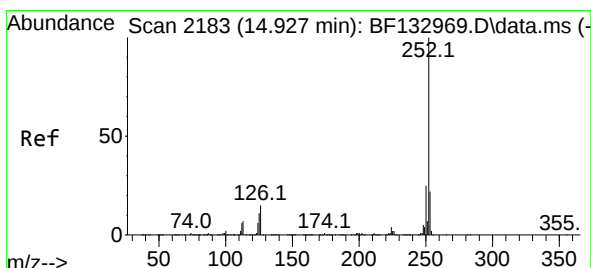
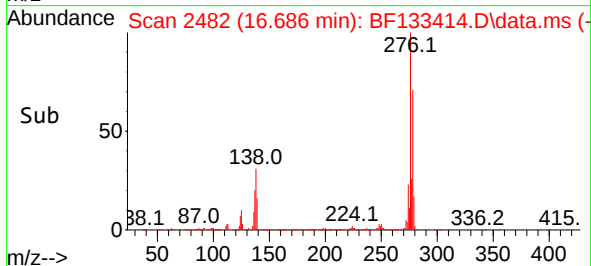
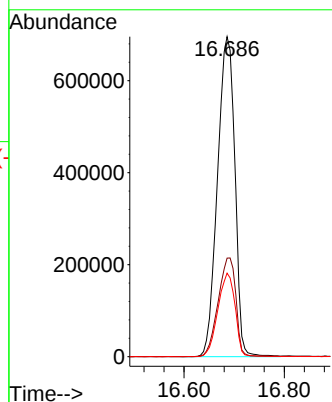
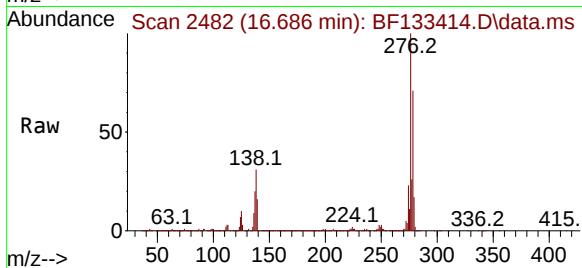
Tgt Ion:276 Resp: 1678761

Ion Ratio Lower Upper

276 100

138 31.5 25.5 38.3

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.178 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

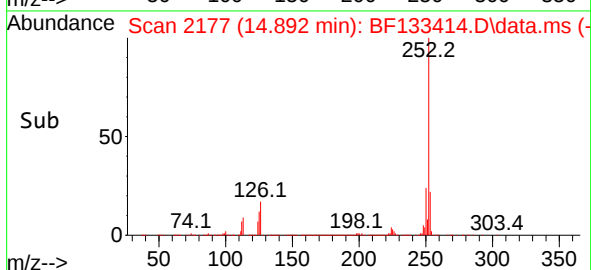
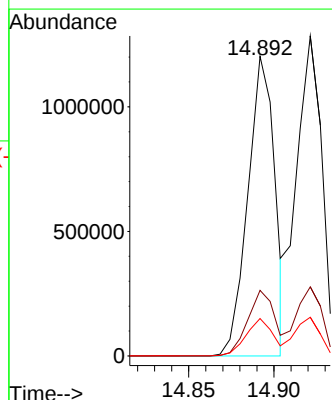
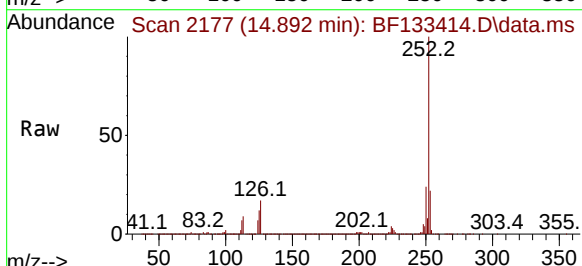
Tgt Ion:252 Resp: 1323670

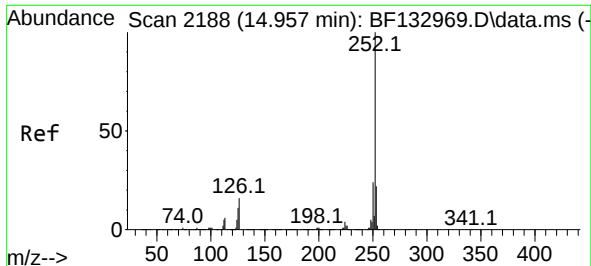
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.5 8.9 13.3

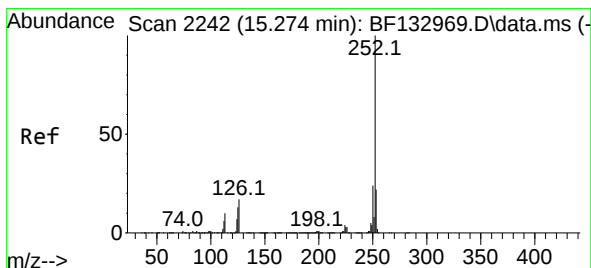
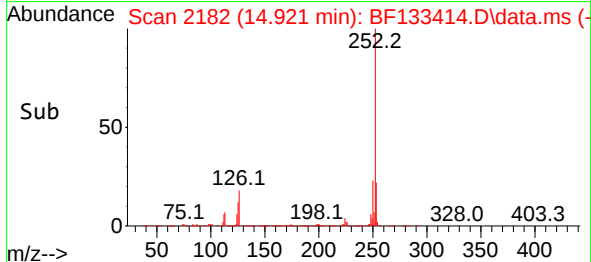
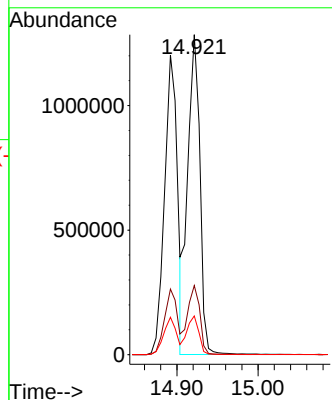
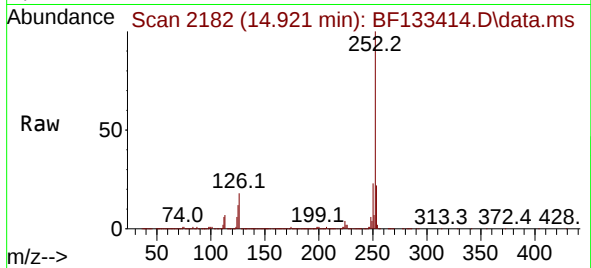




#89
Benzo(k)fluoranthene
Concen: 42.051 ng
RT: 14.921 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

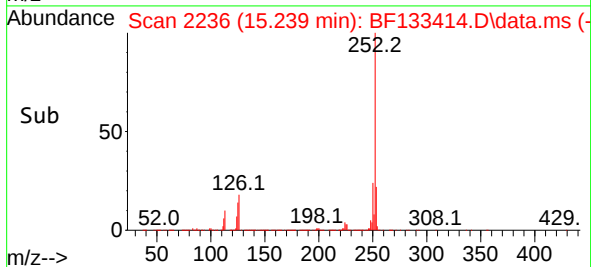
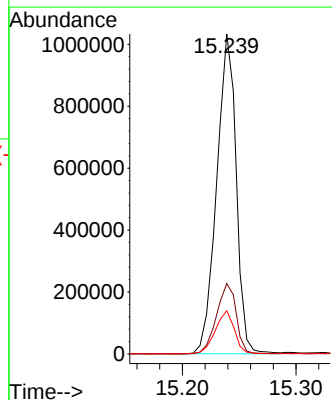
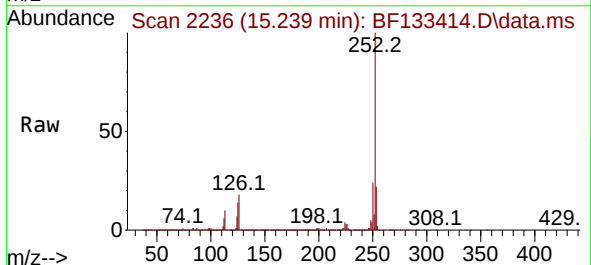
Instrument :
BNA_F
ClientSampleId :

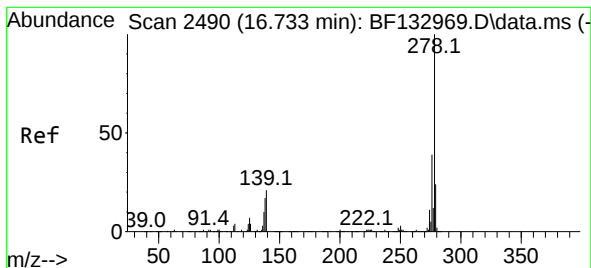
Tgt Ion:252 Resp: 1339954
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 12.1 9.0 13.4



#90
Benzo(a)pyrene
Concen: 42.168 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BF133414.D
Acq: 17 May 2023 15:39

Tgt Ion:252 Resp: 1233777
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 13.5 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 58.332 ng

RT: 16.698 min Scan# 2490

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Instrument :

BNA_F

ClientSampleId :

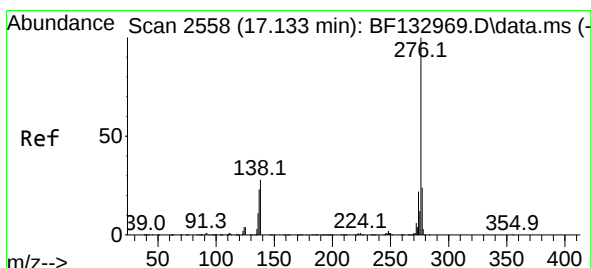
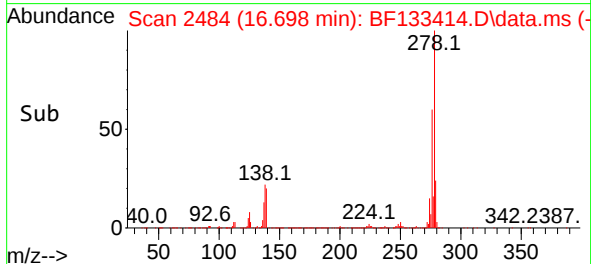
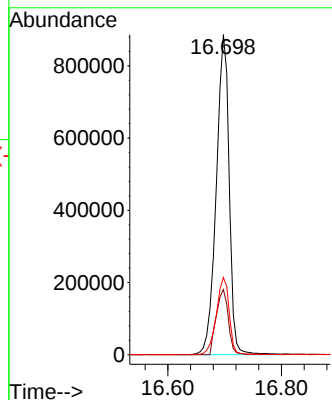
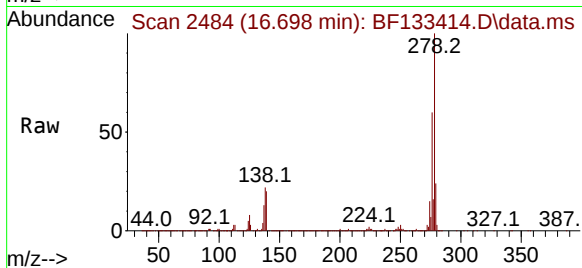
Tgt Ion:278 Resp: 1398285

Ion Ratio Lower Upper

278 100

139 20.3 16.6 24.8

279 24.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 58.131 ng

RT: 17.103 min Scan# 2553

Delta R.T. -0.006 min

Lab File: BF133414.D

Acq: 17 May 2023 15:39

Tgt Ion:276 Resp: 1375710

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 26.0 22.7 34.1

