

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136192.D
 Acq On : 24 Nov 2023 21:53
 Operator : CG\JU
 Sample : 05468-09MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:10:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	127532	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	550716	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	282249	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	519677	20.000	ng	0.00
76) Chrysene-d12	13.986	240	240068	20.000	ng	0.00
86) Perylene-d12	15.462	264	273958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1121439	140.012	ng	0.02
7) Phenol-d6	6.445	99	1379876	140.003	ng	0.00
23) Nitrobenzene-d5	7.375	82	849781	86.107	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	426591	144.308	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1700943	89.082	ng	0.00
79) Terphenyl-d14	12.927	244	1573426	93.034	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	142613	44.463	ng	94
3) Pyridine	3.387	79	353821	41.056	ng	95
4) n-Nitrosodimethylamine	3.357	42	213303	53.960	ng	92
6) Aniline	6.475	93	551290	44.132	ng	98
8) 2-Chlorophenol	6.592	128	494787	57.384	ng	96
9) Benzaldehyde	6.357	77	55010	9.654	ng	96
10) Phenol	6.463	94	636665	59.149	ng	91
11) bis(2-Chloroethyl)ether	6.551	93	443907	56.113	ng	96
12) 1,3-Dichlorobenzene	6.751	146	518912	57.053	ng	95
13) 1,4-Dichlorobenzene	6.828	146	534076	58.561	ng	94
14) 1,2-Dichlorobenzene	6.975	146	499092	58.223	ng	94
15) Benzyl Alcohol	6.951	79	422023	57.251	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	620679	60.057	ng	95
17) 2-Methylphenol	7.063	107	403031	56.023	ng	94
18) Hexachloroethane	7.316	117	184008	55.288	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	347165	61.020	ng	95
20) 3+4-Methylphenols	7.216	107	514385	57.293	ng	95
22) Acetophenone	7.222	105	737034	57.966	ng	95
24) Nitrobenzene	7.392	77	503045	52.377	ng	94
25) Isophorone	7.628	82	943511	55.399	ng	95
26) 2-Nitrophenol	7.704	139	226145	48.581	ng	99
27) 2,4-Dimethylphenol	7.745	122	363987	46.551	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	564233	54.934	ng	94
29) 2,4-Dichlorophenol	7.945	162	411751	54.008	ng	93
30) 1,2,4-Trichlorobenzene	8.028	180	465188	54.801	ng	95
31) Naphthalene	8.110	128	1500755	55.320	ng	96
32) Benzoic acid	7.875	122	264118	45.953	ng	91
33) 4-Chloroaniline	8.157	127	337046	29.954	ng	97
34) Hexachlorobutadiene	8.228	225	258674	50.128	ng	96
35) Caprolactam	8.528	113	67130	30.411	ng	# 75
36) 4-Chloro-3-methylphenol	8.645	107	450191	56.242	ng	98
37) 2-Methylnaphthalene	8.798	142	934293	51.365	ng	90
38) 1-Methylnaphthalene	8.898	142	896501	53.123	ng	86
40) 1,2,4,5-Tetrachloroben...	8.969	216	450190	53.220	ng	98
41) Hexachlorocyclopentadiene	8.951	237	514724	117.999	ng	96
43) 2,4,6-Trichlorophenol	9.080	196	296244	55.929	ng	94

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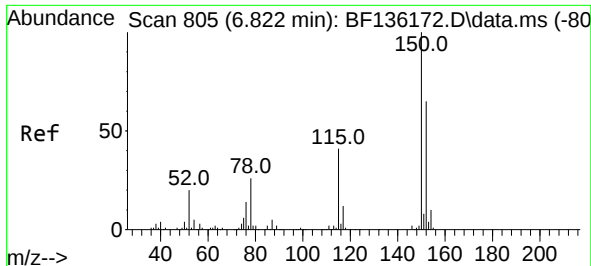
Quant Time: Nov 24 23:10:53 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	317000	51.951	ng	94
46) 1,1'-Biphenyl	9.269	154	1245780	56.249	ng	95
47) 2-Chloronaphthalene	9.292	162	939930	58.062	ng	93
48) 2-Nitroaniline	9.386	65	266124	53.918	ng	85
49) Acenaphthylene	9.710	152	1506992	60.308	ng	# 95
50) Dimethylphthalate	9.575	163	1088129	57.059	ng	97
51) 2,6-Dinitrotoluene	9.633	165	211332	51.070	ng	96
52) Acenaphthene	9.880	154	870507	52.303	ng	88
53) 3-Nitroaniline	9.798	138	163621	37.085	ng	95
54) 2,4-Dinitrophenol	9.910	184	203294	99.183	ng	95
55) Dibenzofuran	10.051	168	1319687	57.030	ng	98
56) 4-Nitrophenol	9.969	139	348279	118.789	ng	99
57) 2,4-Dinitrotoluene	10.039	165	290490	55.271	ng	92
58) Fluorene	10.398	166	1022521	58.221	ng	90
59) 2,3,4,6-Tetrachlorophenol	10.169	232	260094	56.240	ng	95
60) Diethylphthalate	10.275	149	1063673	55.598	ng	95
61) 4-Chlorophenyl-phenyle...	10.392	204	478732	53.622	ng	94
62) 4-Nitroaniline	10.422	138	212470	52.840	ng	94
63) Azobenzene	10.551	77	1004771	60.025	ng	93
65) 4,6-Dinitro-2-methylph...	10.445	198	129526	43.763	ng	98
66) n-Nitrosodiphenylamine	10.510	169	869680	52.749	ng	92
67) 4-Bromophenyl-phenylether	10.880	248	302065	52.190	ng	93
68) Hexachlorobenzene	10.939	284	348640	56.738	ng	98
69) Atrazine	11.045	200	279897	67.012	ng	95
70) Pentachlorophenol	11.139	266	375268	109.194	ng	96
71) Phenanthrene	11.363	178	1534876	57.676	ng	96
72) Anthracene	11.416	178	1566807	57.679	ng	96
73) Carbazole	11.569	167	1256889	57.743	ng	98
74) Di-n-butylphthalate	11.904	149	1616704	62.784	ng	96
75) Fluoranthene	12.551	202	1382784	56.899	ng	96
77) Benzidine	12.674	184	448973	108.006	ng	97
78) Pyrene	12.780	202	1352546	60.249	ng	94
80) Butylbenzylphthalate	13.410	149	438874	61.352	ng	95
81) Benzo(a)anthracene	13.974	228	930090	58.410	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	263961	51.637	ng	95
83) Chrysene	14.010	228	883933	56.741	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	556445	64.447	ng	95
85) Di-n-octyl phthalate	14.592	149	932901	64.534	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1137243	56.656	ng	98
88) Benzo(b)fluoranthene	15.033	252	922267	60.975	ng	# 95
89) Benzo(k)fluoranthene	15.062	252	882518	57.941	ng	95
90) Benzo(a)pyrene	15.404	252	822879	55.158	ng	96
91) Dibenzo(a,h)anthracene	17.003	278	911752	54.808	ng	97
92) Benzo(g,h,i)perylene	17.439	276	879463	52.144	ng	93

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

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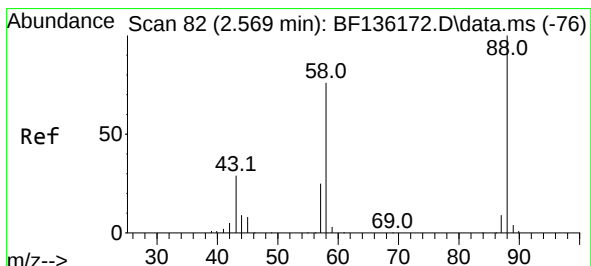
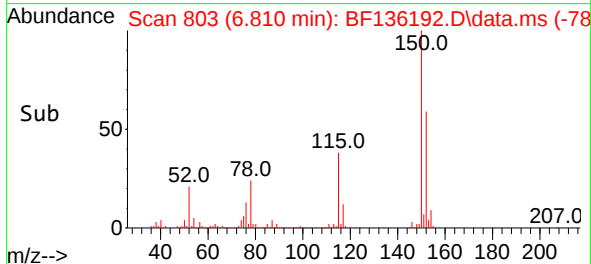
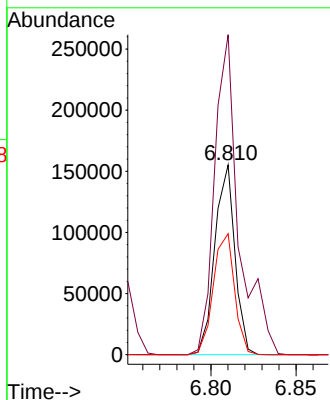
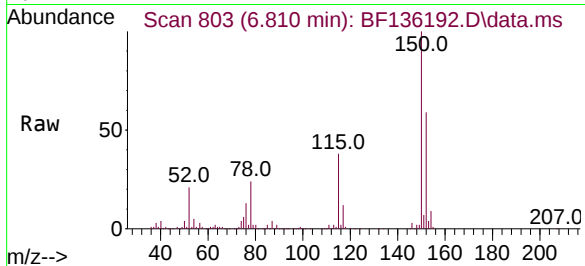




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136192.D
 Acq: 24 Nov 2023 21:53

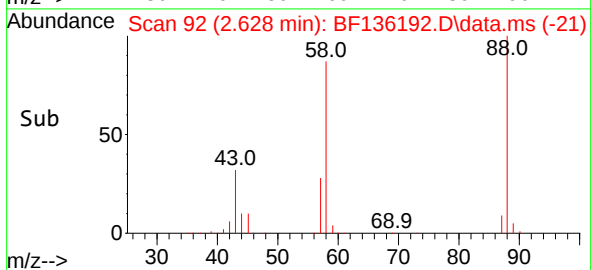
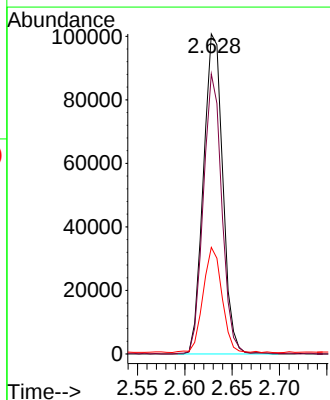
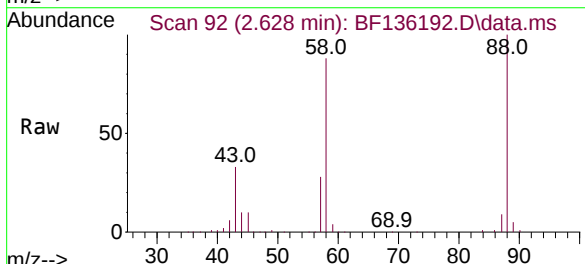
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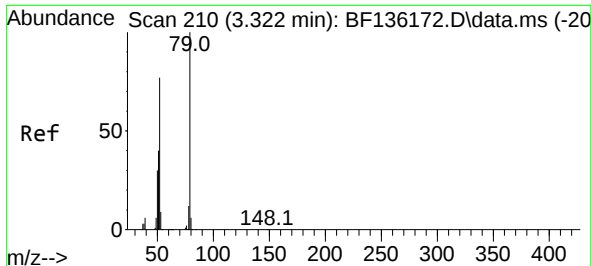
Tgt Ion:152 Resp: 127532
 Ion Ratio Lower Upper
 152 100
 150 168.6 123.1 184.7
 115 63.8 50.5 75.7



#2
 1,4-Dioxane
 Concen: 44.463 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.070 min
 Lab File: BF136192.D
 Acq: 24 Nov 2023 21:53

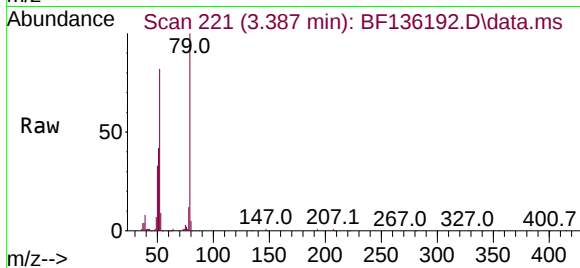
Tgt Ion: 88 Resp: 142613
 Ion Ratio Lower Upper
 88 100
 58 84.0 62.8 94.2
 43 31.9 23.9 35.9



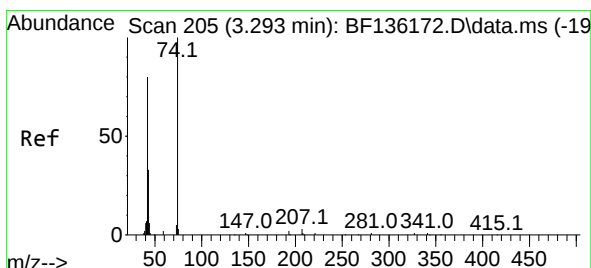
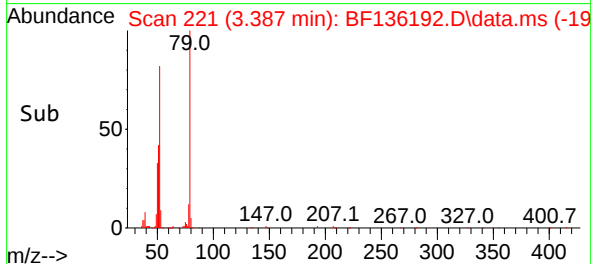
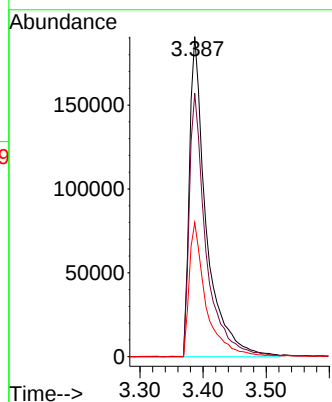


#3
Pyridine
Concen: 41.056 ng
RT: 3.387 min Scan# 210
Delta R.T. 0.064 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Instrument :
BNA_F
ClientSampleId :

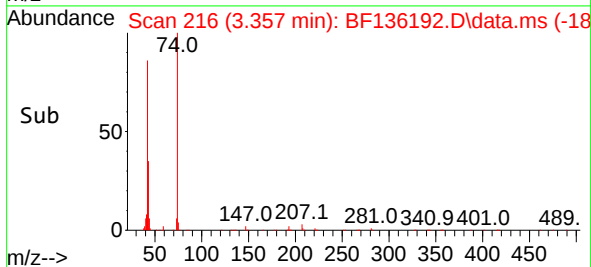
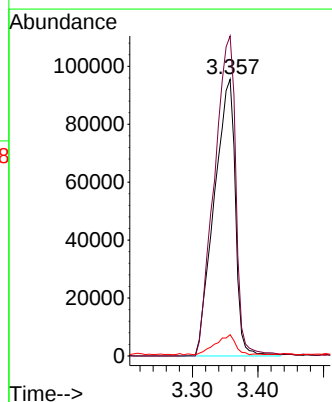
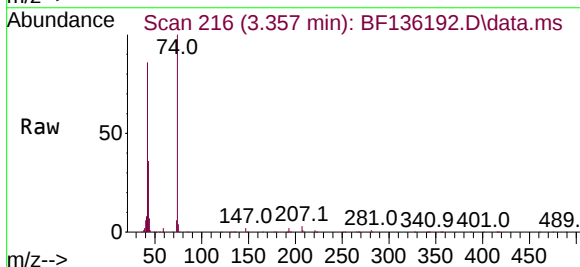


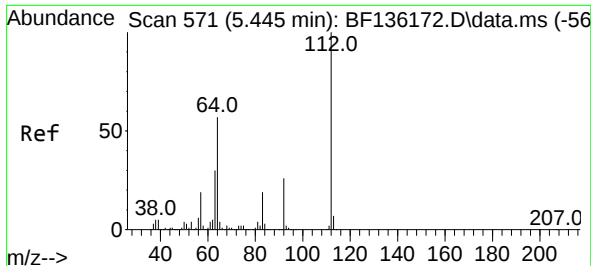
Tgt Ion: 79 Resp: 353821
Ion Ratio Lower Upper
79 100
52 82.3 61.8 92.6
51 41.9 31.6 47.4



#4
n-Nitrosodimethylamine
Concen: 53.960 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.076 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion: 42 Resp: 213303
Ion Ratio Lower Upper
42 100
74 115.7 100.2 150.2
44 7.7 5.6 8.4

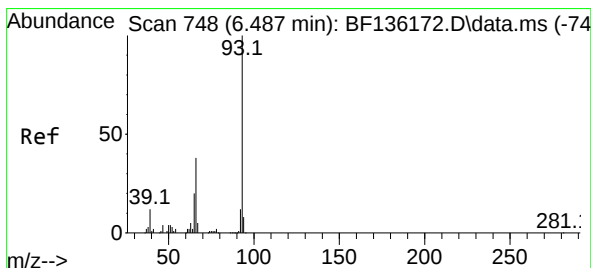
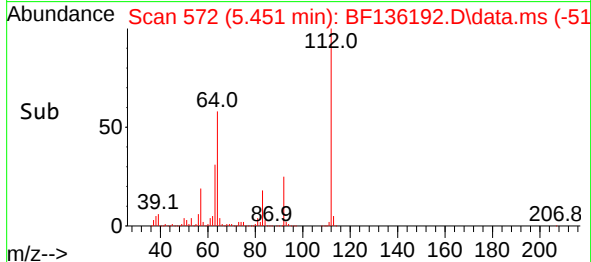
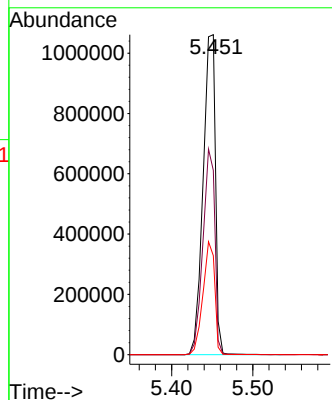
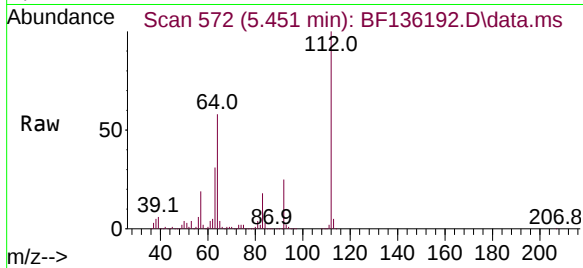




#5
2-Fluorophenol
Concen: 140.012 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

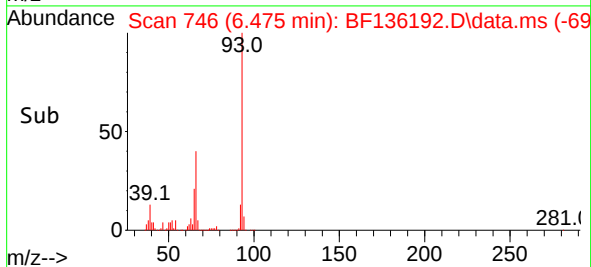
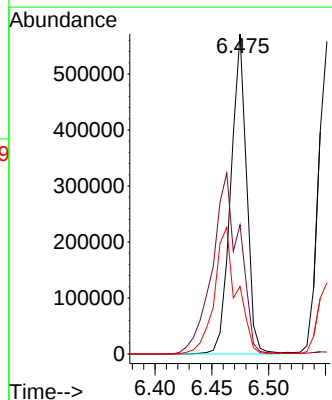
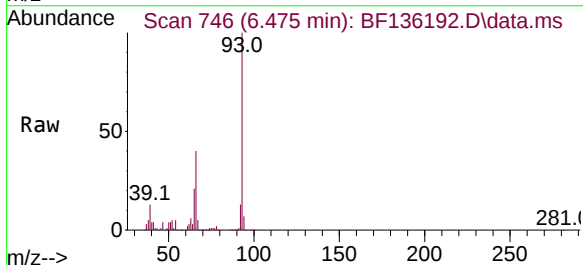
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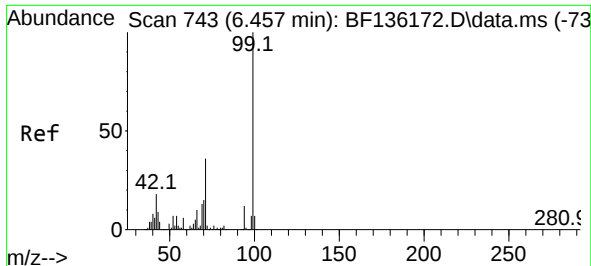
Tgt Ion:112 Resp: 1121439
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.0
63 31.0 24.4 36.6



#6
Aniline
Concen: 44.132 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion: 93 Resp: 551290
Ion Ratio Lower Upper
93 100
66 40.4 31.7 47.5
65 21.1 16.1 24.1

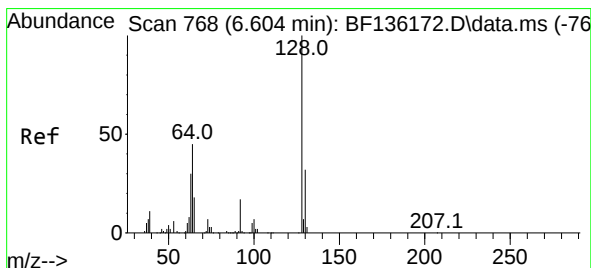
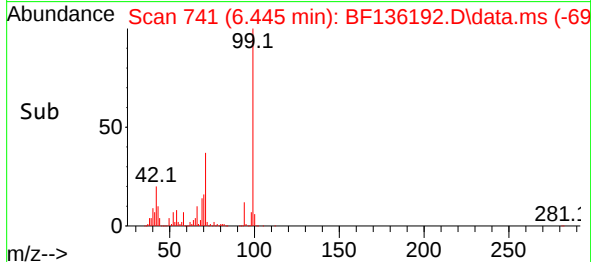
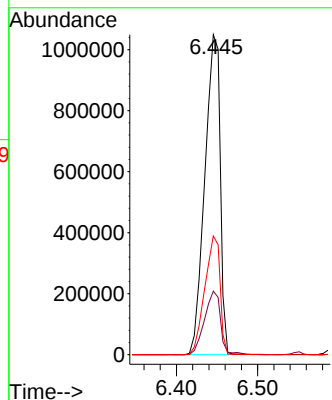
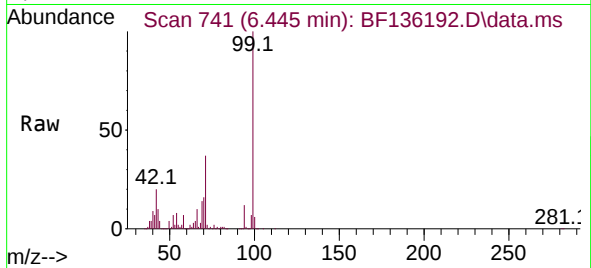




#7
Phenol-d6
Concen: 140.003 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

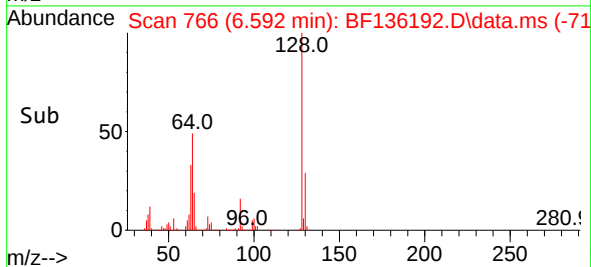
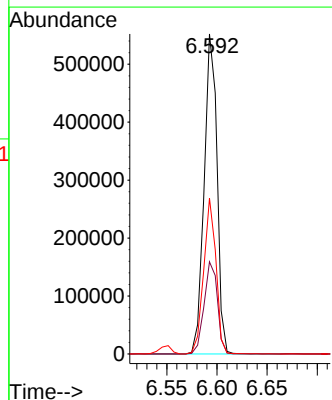
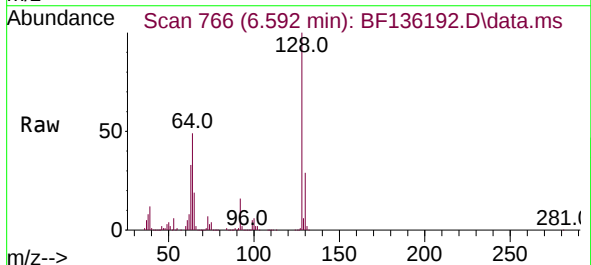
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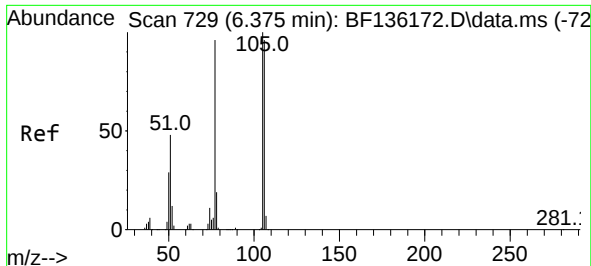
Tgt Ion: 99 Resp: 1379876
Ion Ratio Lower Upper
99 100
42 19.8 14.1 21.1
71 37.1 29.0 43.4



#8
2-Chlorophenol
Concen: 57.384 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:128 Resp: 494787
Ion Ratio Lower Upper
128 100
130 28.8 12.2 52.2
64 48.7 26.5 66.5

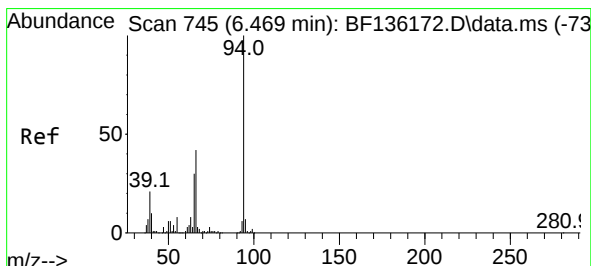
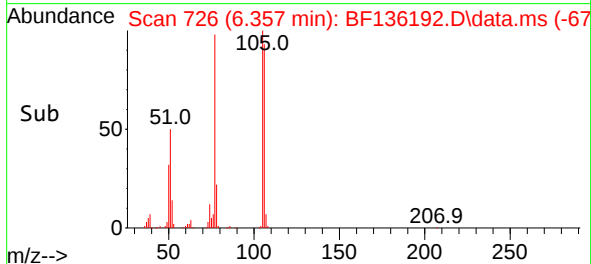
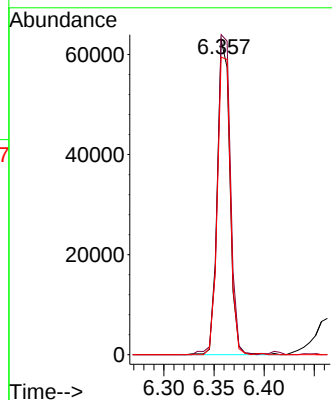
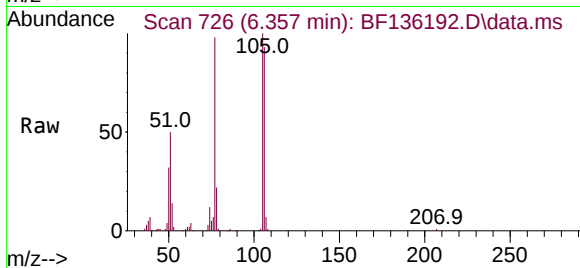




#9
Benzaldehyde
Concen: 9.654 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

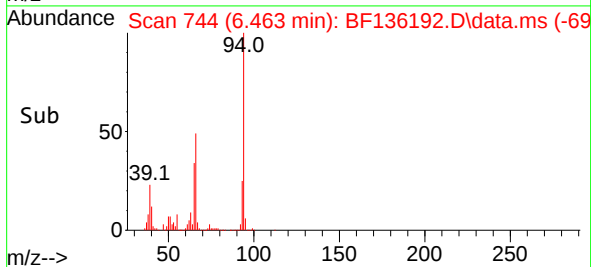
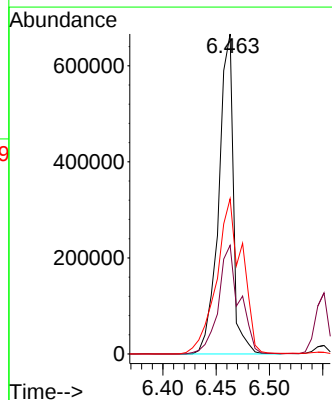
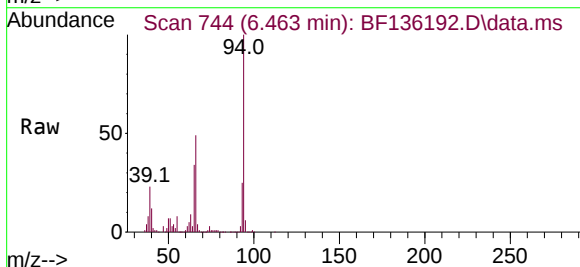
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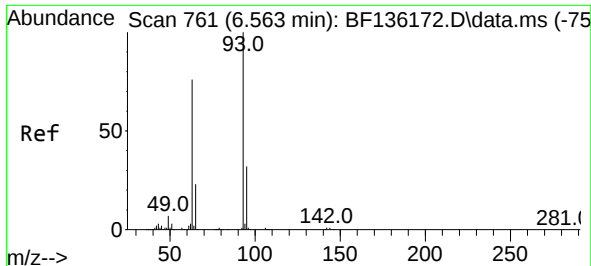
Tgt Ion: 77 Resp: 55010
Ion Ratio Lower Upper
77 100
105 101.7 83.8 123.8
106 94.6 79.8 119.8



#10
Phenol
Concen: 59.149 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion: 94 Resp: 636665
Ion Ratio Lower Upper
94 100
65 34.0 9.7 49.7
66 48.5 22.5 62.5





#11

bis(2-Chloroethyl)ether

Concen: 56.113 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

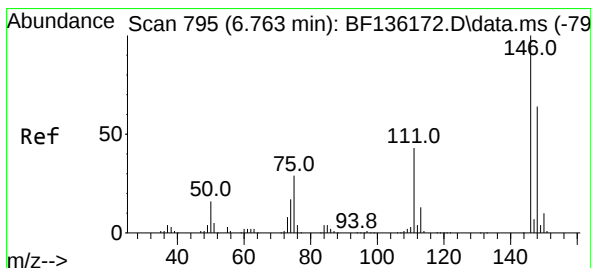
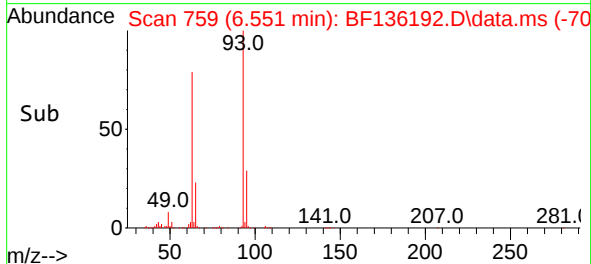
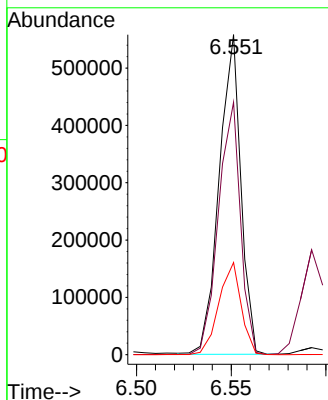
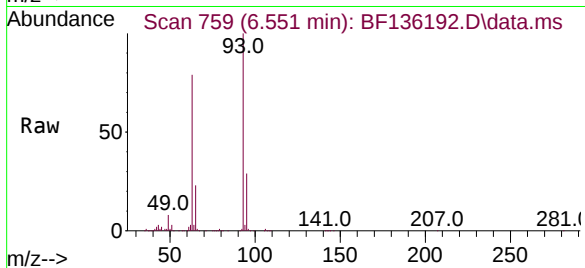
Tgt Ion: 93 Resp: 443907

Ion Ratio Lower Upper

93 100

63 78.9 56.3 96.3

95 28.8 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 57.053 ng

RT: 6.751 min Scan# 793

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

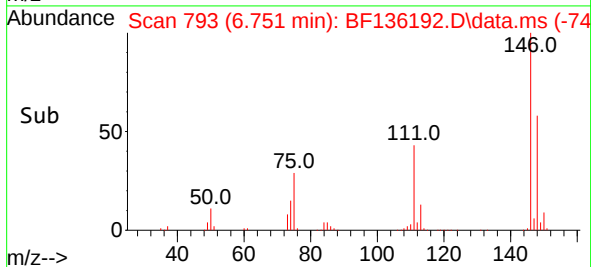
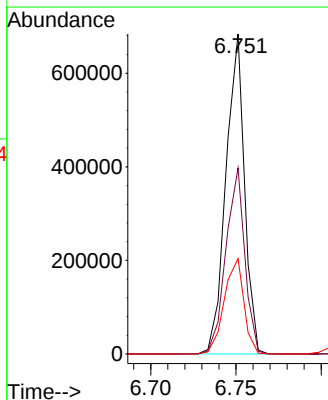
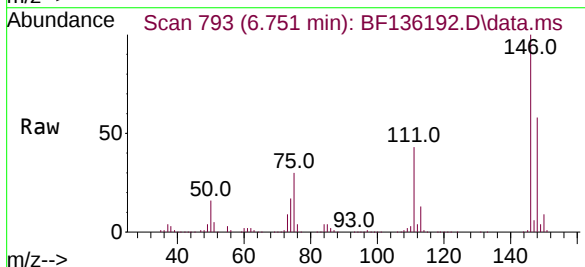
Tgt Ion:146 Resp: 518912

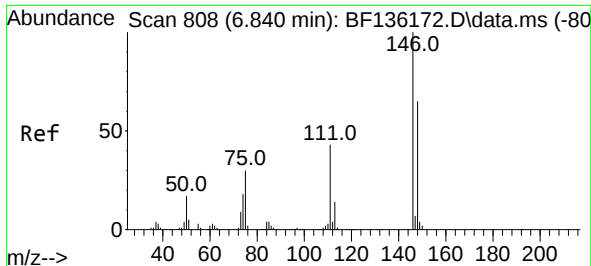
Ion Ratio Lower Upper

146 100

148 58.1 51.2 76.8

75 29.8 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 58.561 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

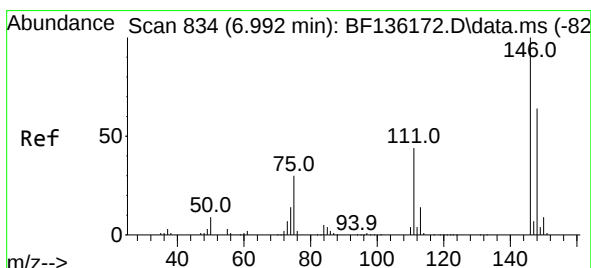
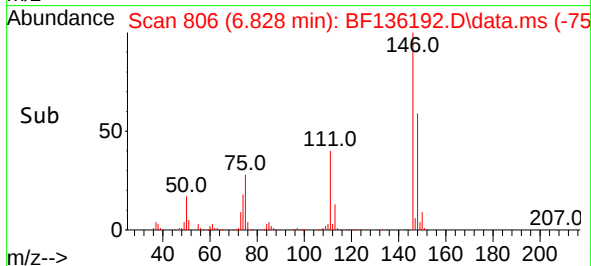
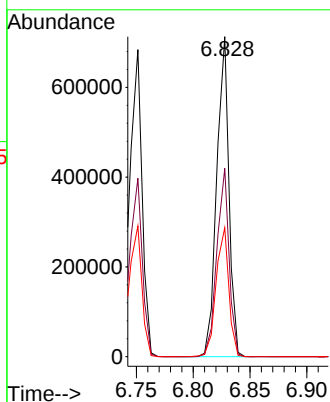
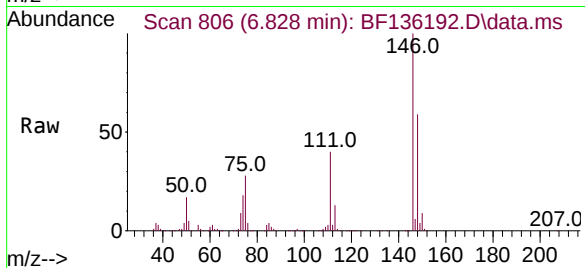
Tgt Ion:146 Resp: 534076

Ion Ratio Lower Upper

146 100

148 58.8 51.8 77.8

111 40.3 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 58.223 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

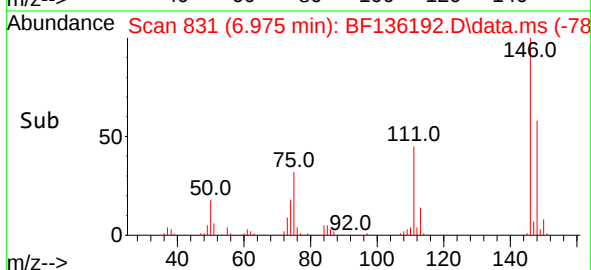
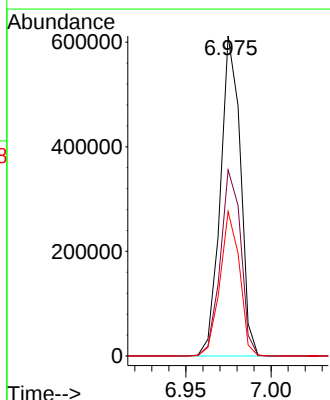
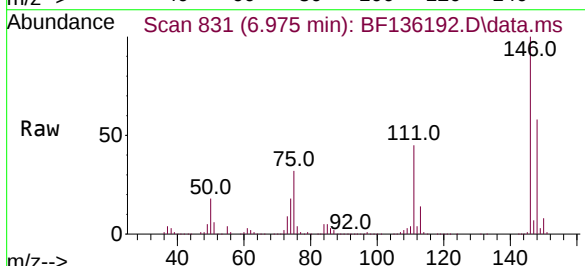
Tgt Ion:146 Resp: 499092

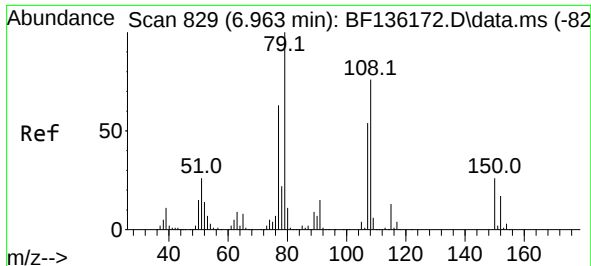
Ion Ratio Lower Upper

146 100

148 58.2 51.4 77.2

111 45.1 35.0 52.4

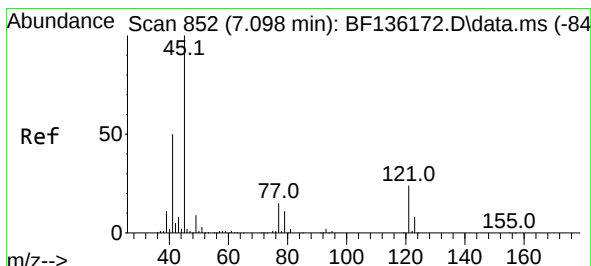
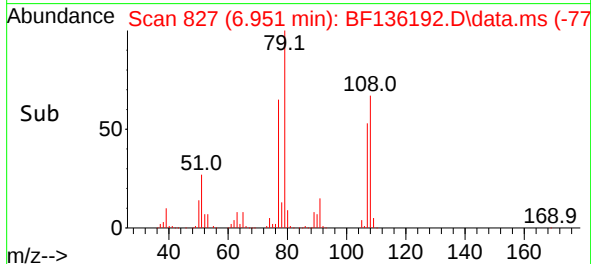
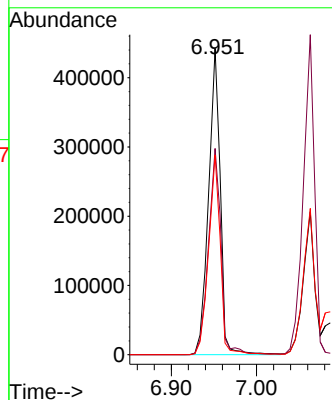
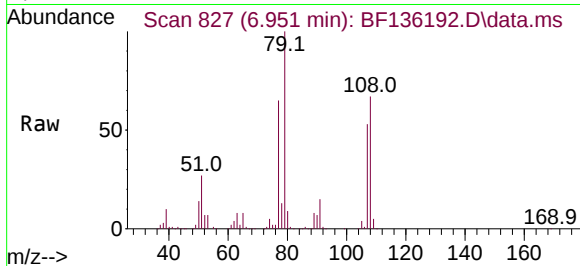




#15
Benzyl Alcohol
Concen: 57.251 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

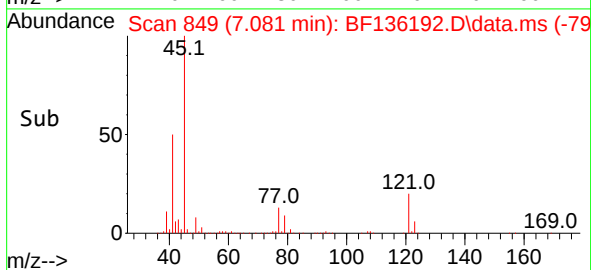
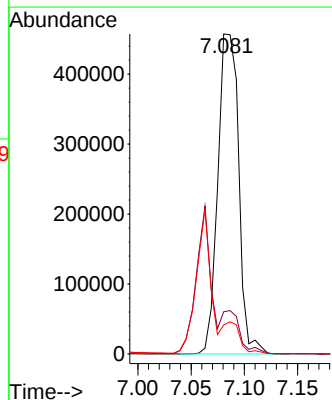
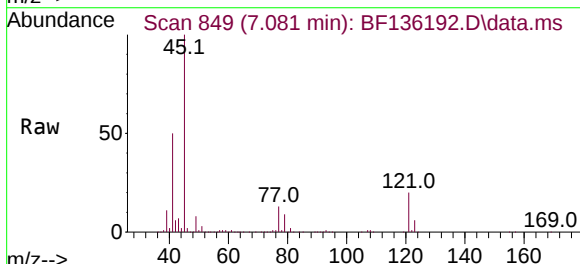
Instrument :
BNA_F
ClientSampleId :

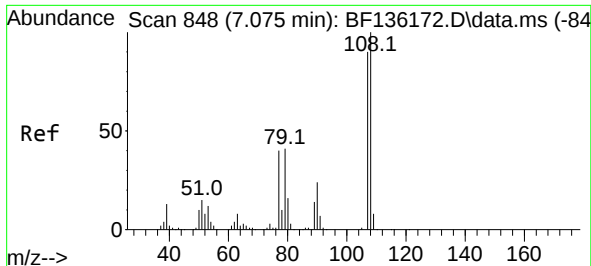
Tgt Ion: 79 Resp: 422023
Ion Ratio Lower Upper
79 100
108 67.3 60.6 90.8
77 65.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.057 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

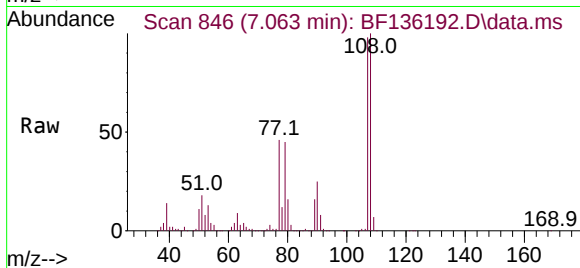
Tgt Ion: 45 Resp: 620679
Ion Ratio Lower Upper
45 100
77 13.2 0.0 35.2
79 9.1 0.0 31.2



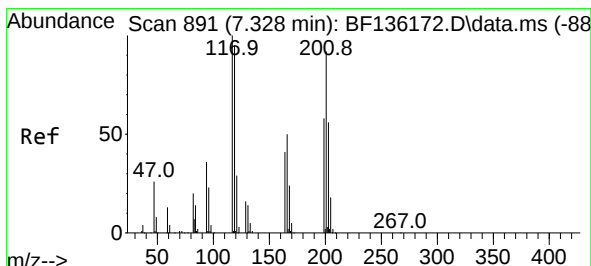
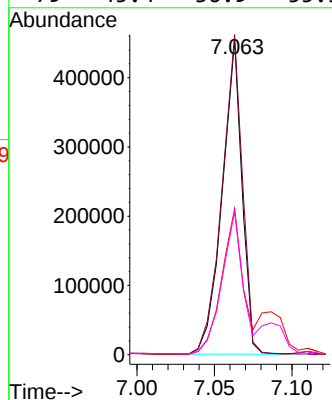
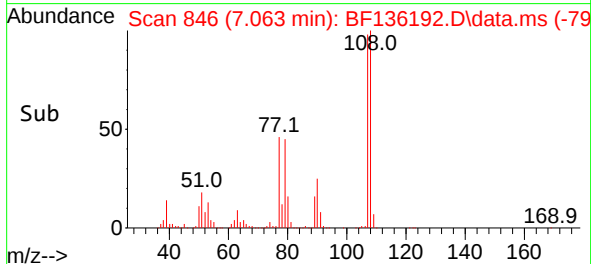


#17
2-Methylphenol
Concen: 56.023 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Instrument :
BNA_F
ClientSampleId :

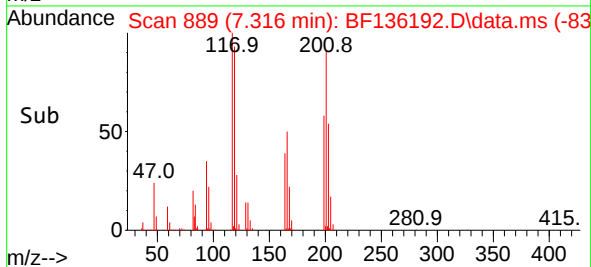
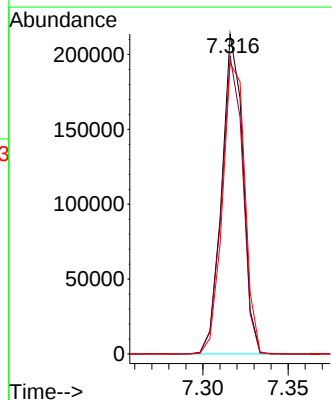
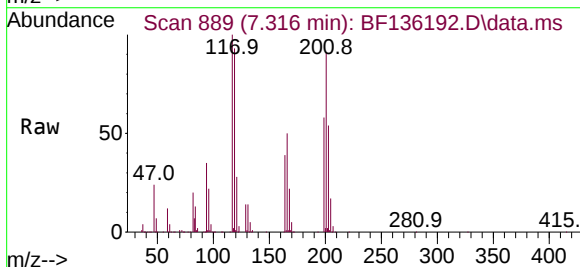


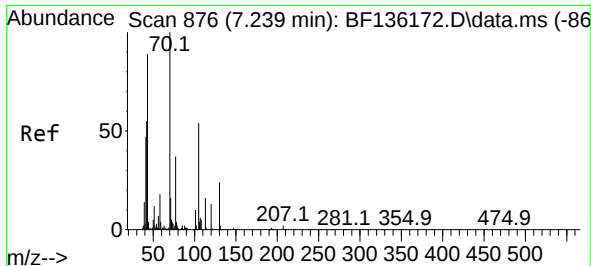
Tgt Ion:107 Resp: 403031
Ion Ratio Lower Upper
107 100
108 101.6 89.4 134.2
77 46.5 35.9 53.9
79 45.4 36.9 55.3



#18
Hexachloroethane
Concen: 55.288 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

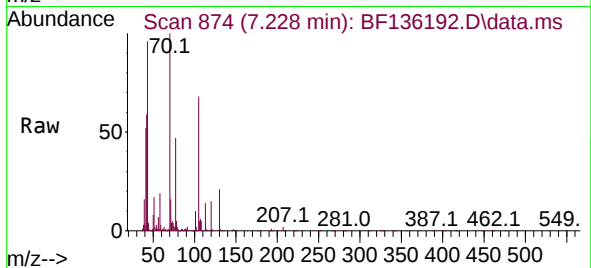
Tgt Ion:117 Resp: 184008
Ion Ratio Lower Upper
117 100
119 93.1 76.2 114.4
201 90.9 73.7 110.5



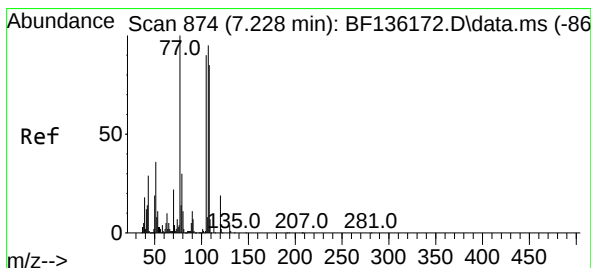
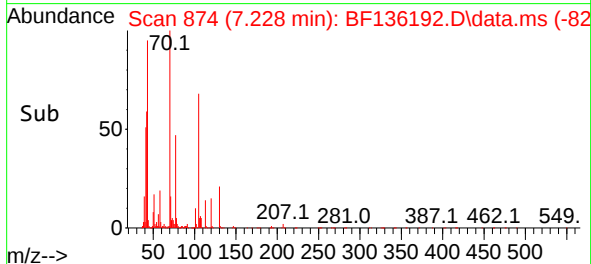
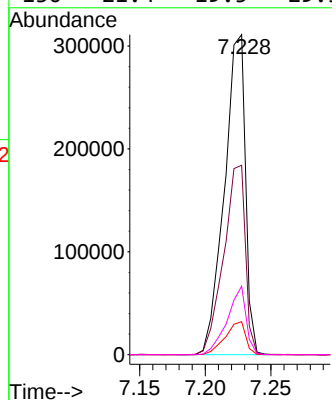


#19
n-Nitroso-di-n-propylamine
Concen: 61.020 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Instrument :
BNA_F
ClientSampleId :

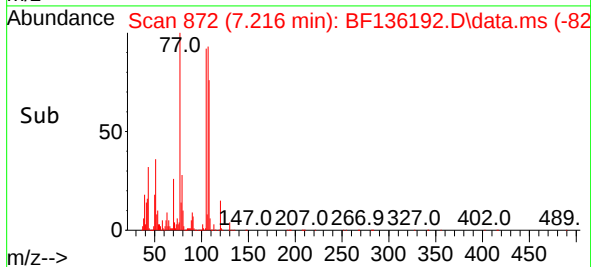
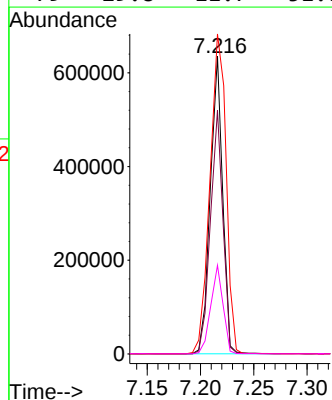
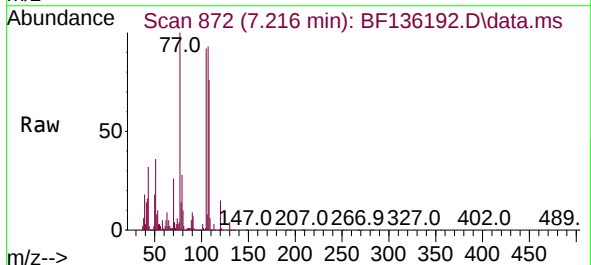


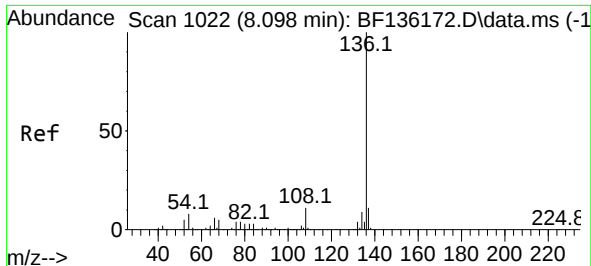
Tgt Ion: 70 Resp: 347165
Ion Ratio Lower Upper
70 100
42 59.2 43.9 65.9
101 10.3 8.1 12.1
130 21.4 19.5 29.3



#20
3+4-Methylphenols
Concen: 57.293 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

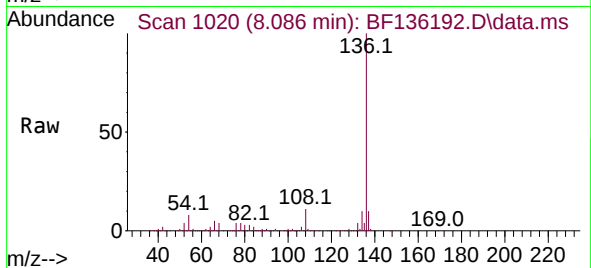
Tgt Ion: 107 Resp: 514385
Ion Ratio Lower Upper
107 100
108 81.8 70.1 110.1
77 107.4 85.7 125.7
79 29.8 11.7 51.7



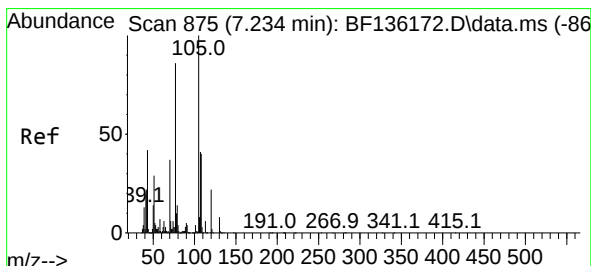
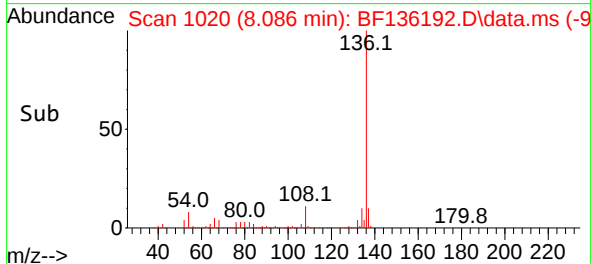
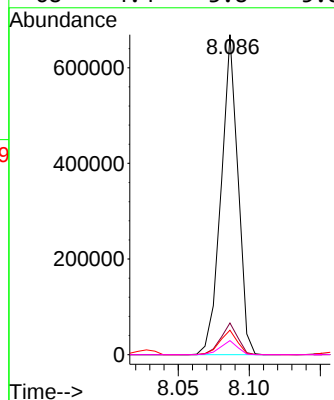


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Instrument :
BNA_F
ClientSampleId :

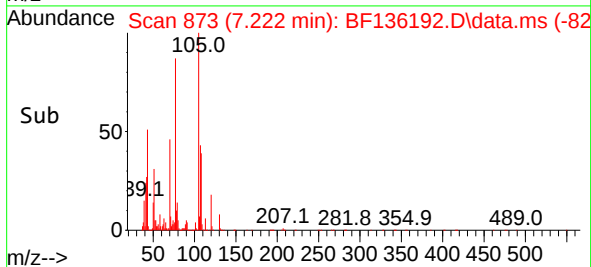
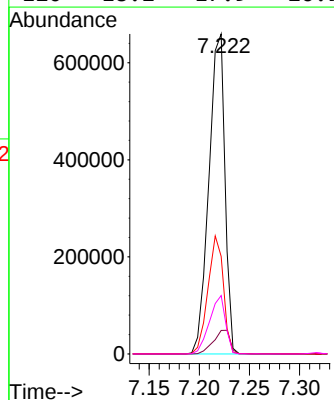
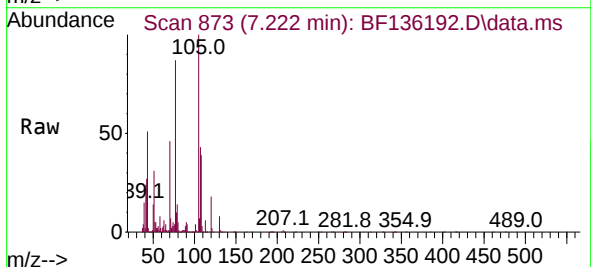


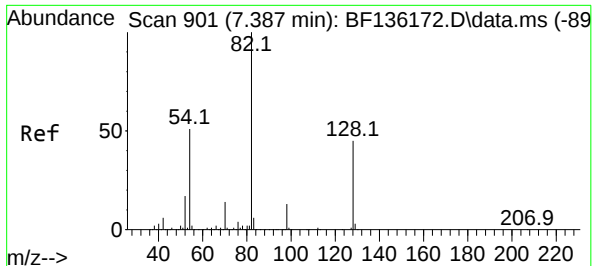
Tgt Ion:136	Resp: 550716
Ion Ratio	Lower Upper
136 100	
137 9.9	8.6 13.0
54 7.7	6.3 9.5
68 4.4	3.8 5.8



#22
Acetophenone
Concen: 57.966 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt	Ion:105	Resp:	737034
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.0	7.4
51	30.5	23.5	35.3
120	18.2	17.9	26.9





#23

Nitrobenzene-d5

Concen: 86.107 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

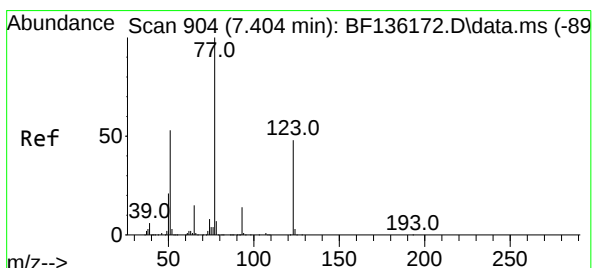
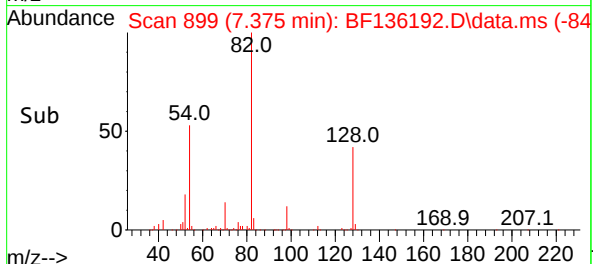
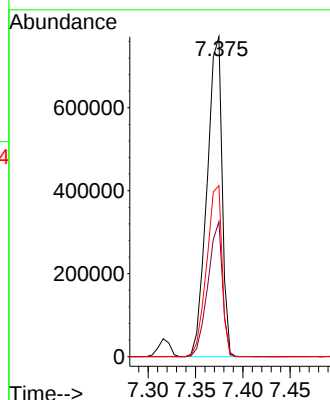
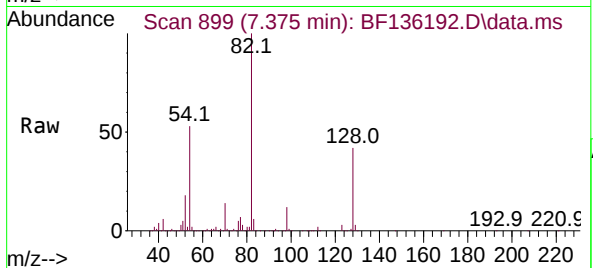
Tgt Ion: 82 Resp: 849781

Ion Ratio Lower Upper

82 100

128 42.1 35.8 53.6

54 53.5 40.6 60.8



#24

Nitrobenzene

Concen: 52.377 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

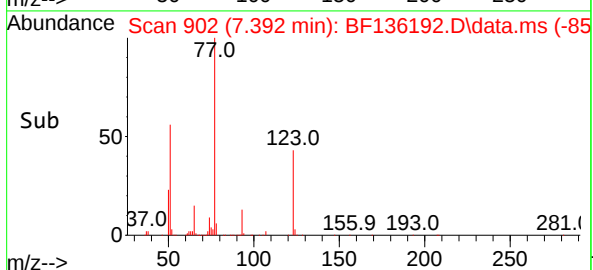
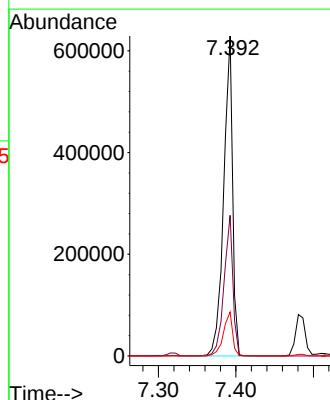
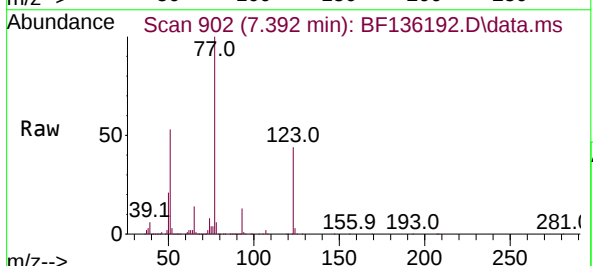
Tgt Ion: 77 Resp: 503045

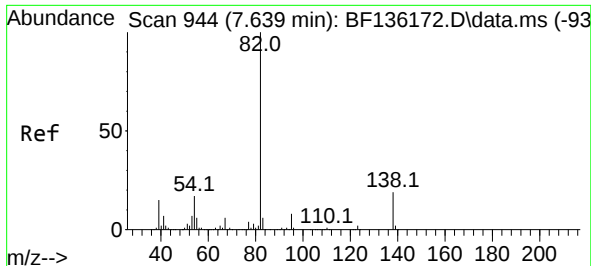
Ion Ratio Lower Upper

77 100

123 44.0 38.8 58.2

65 13.7 11.7 17.5

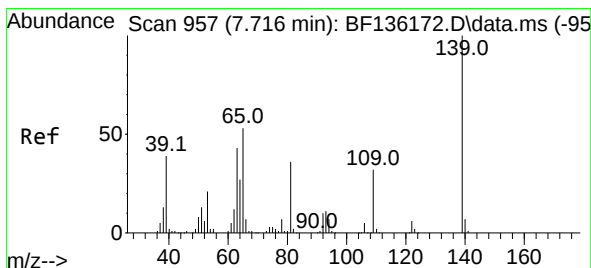
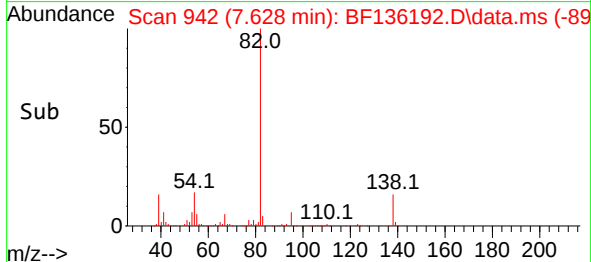
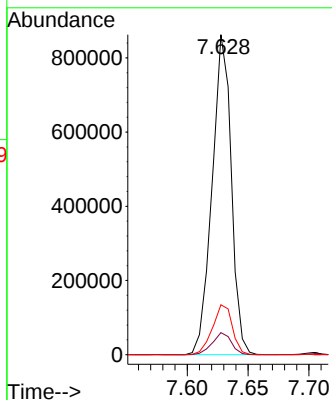
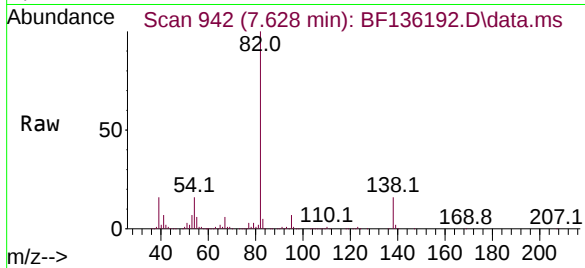




#25
Isophorone
Concen: 55.399 ng
RT: 7.628 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

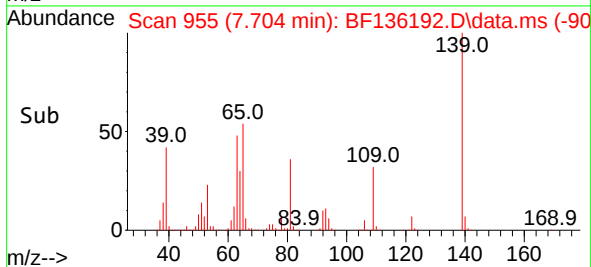
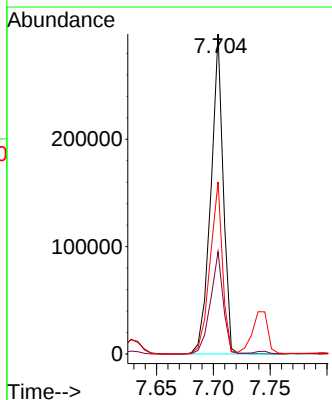
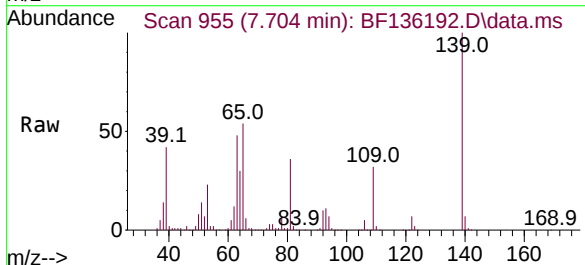
Instrument :
BNA_F
ClientSampleId :

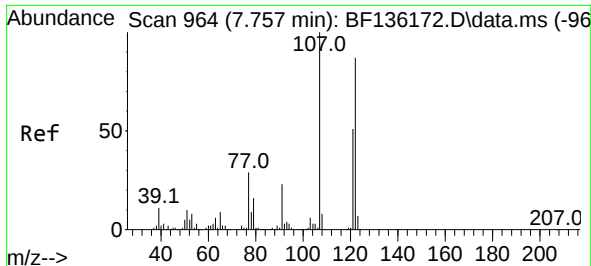
Tgt Ion: 82 Resp: 943511
Ion Ratio Lower Upper
82 100
95 6.9 6.2 9.4
138 15.6 14.8 22.2



#26
2-Nitrophenol
Concen: 48.581 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion: 139 Resp: 226145
Ion Ratio Lower Upper
139 100
109 31.9 25.8 38.8
65 53.8 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 46.551 ng

RT: 7.745 min Scan# 90

Delta R.T. 0.006 min

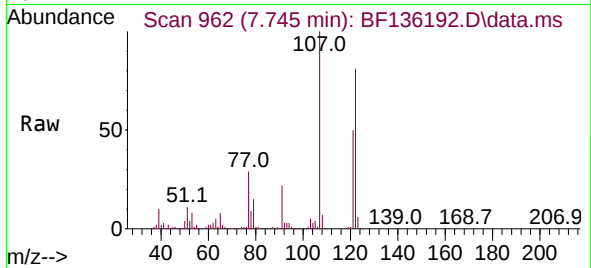
Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :



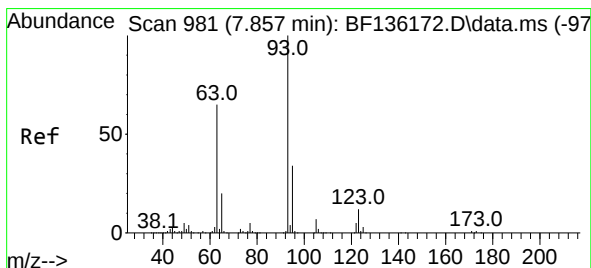
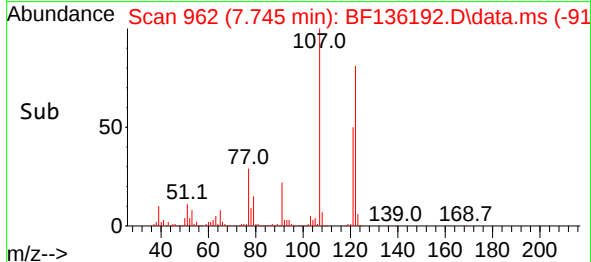
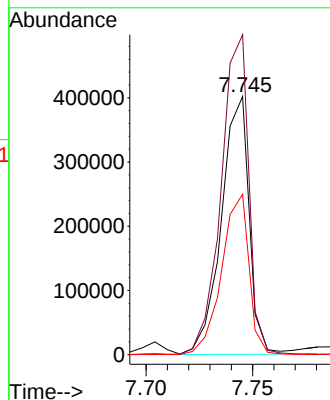
Tgt Ion:122 Resp: 363987

Ion Ratio Lower Upper

122 100

107 123.9 91.8 137.8

121 62.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 54.934 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

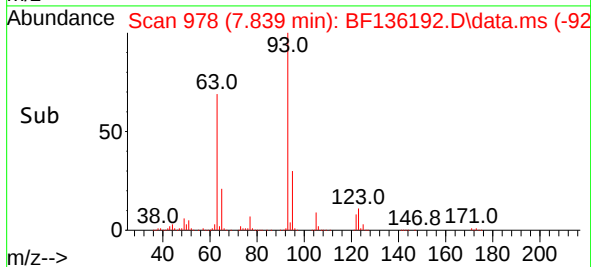
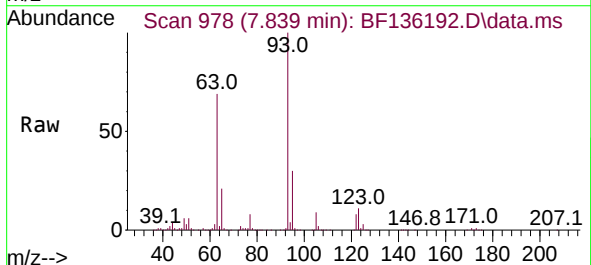
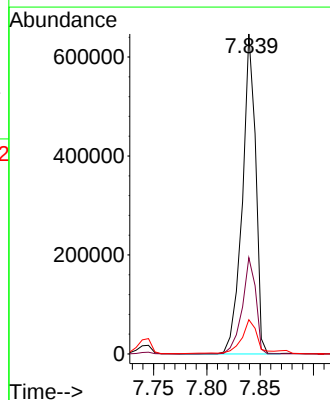
Tgt Ion: 93 Resp: 564233

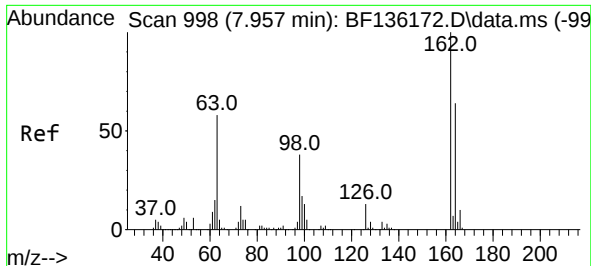
Ion Ratio Lower Upper

93 100

95 30.1 27.2 40.8

123 10.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 54.008 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

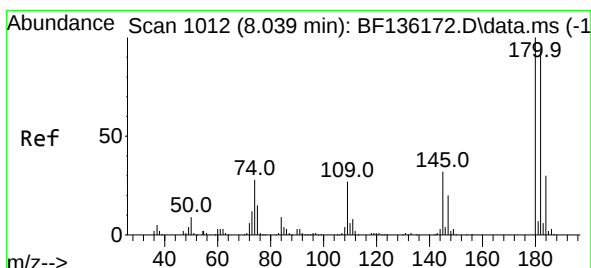
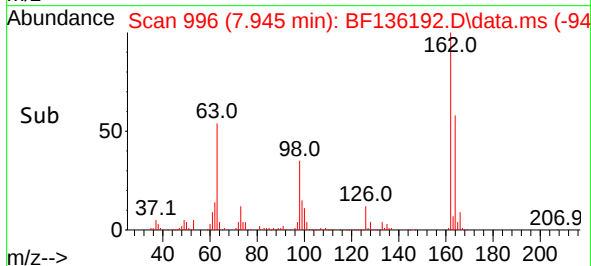
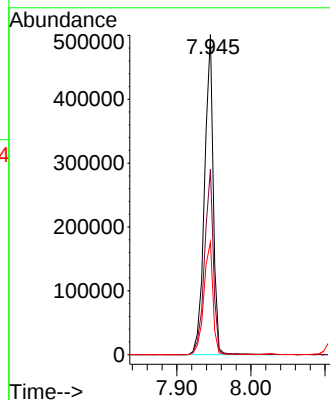
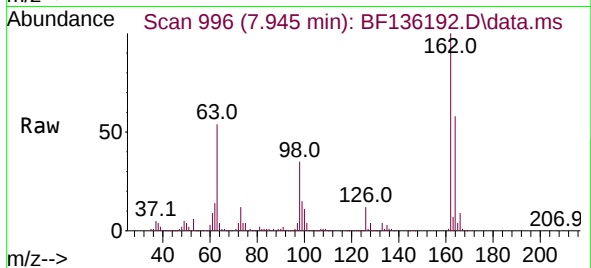
Tgt Ion:162 Resp: 411751

Ion Ratio Lower Upper

162 100

164 58.0 43.7 83.7

98 35.2 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 54.801 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

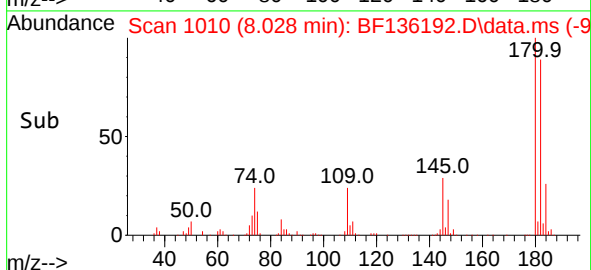
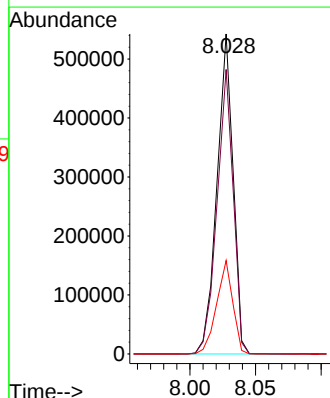
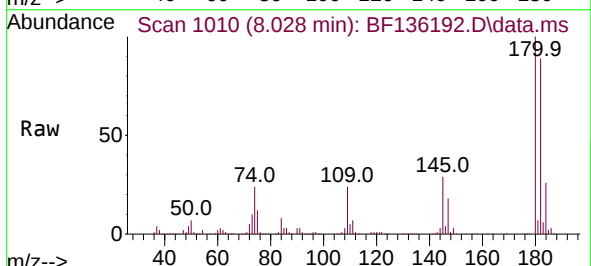
Tgt Ion:180 Resp: 465188

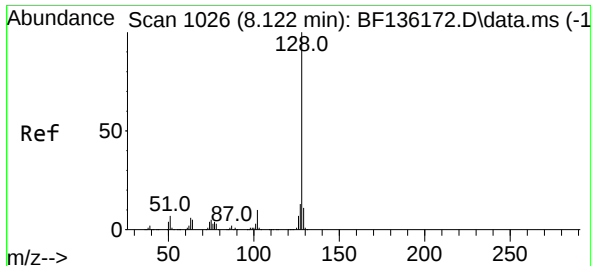
Ion Ratio Lower Upper

180 100

182 88.9 74.8 112.2

145 29.2 25.3 37.9

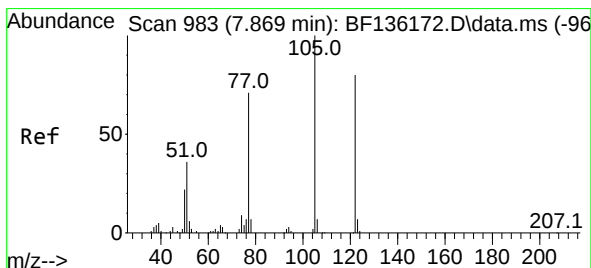
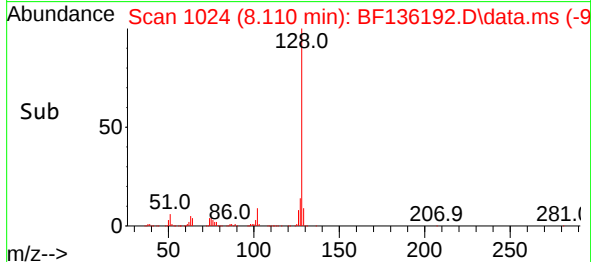
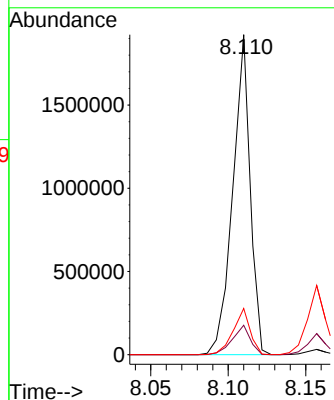
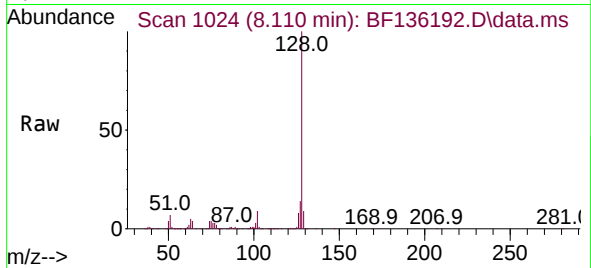




#31
Naphthalene
Concen: 55.320 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

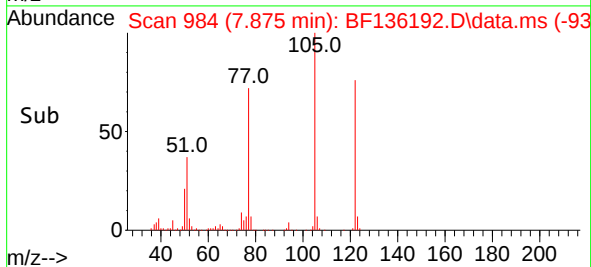
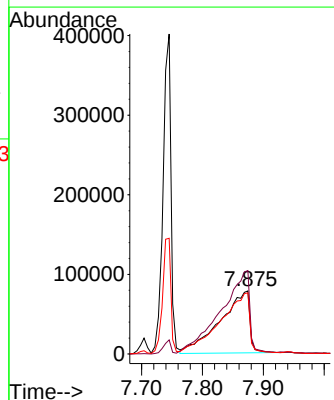
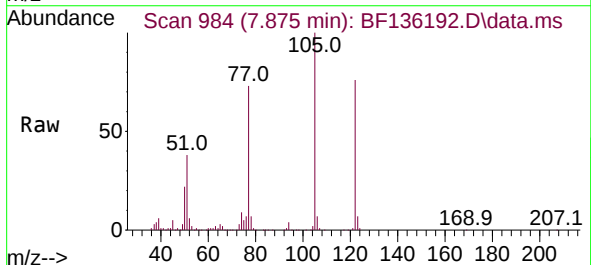
Instrument :
BNA_F
ClientSampleId :

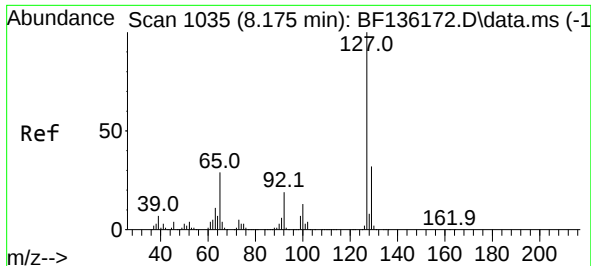
Tgt Ion:128 Resp: 1500755
Ion Ratio Lower Upper
128 100
129 9.2 8.9 13.3
127 14.5 10.6 16.0



#32
Benzoic acid
Concen: 45.953 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.017 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:122 Resp: 264118
Ion Ratio Lower Upper
122 100
105 132.1 102.5 142.5
77 97.0 68.1 108.1

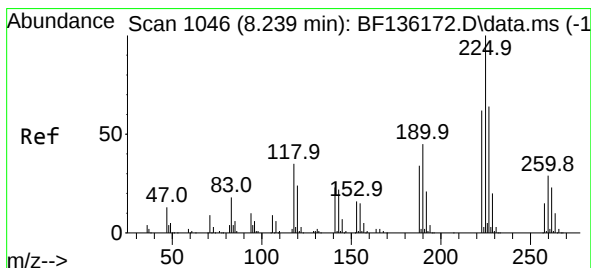
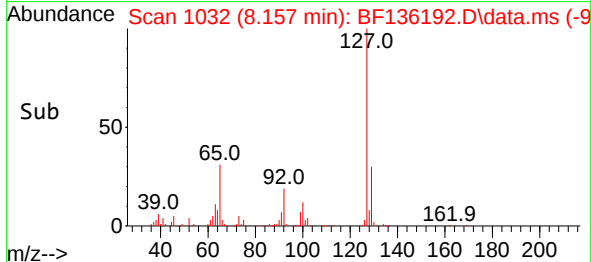
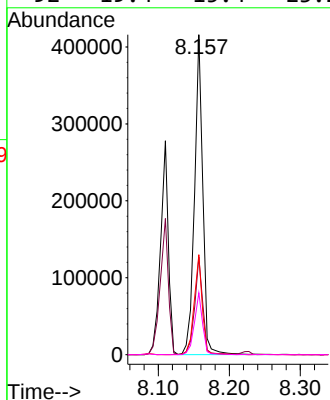
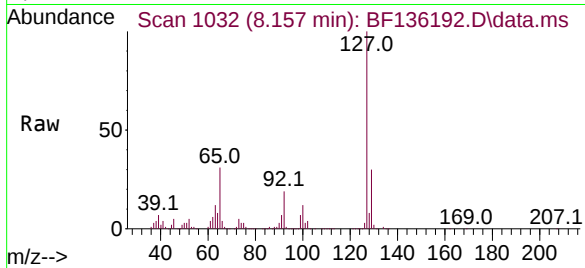




#33
4-Chloroaniline
Concen: 29.954 ng
RT: 8.157 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

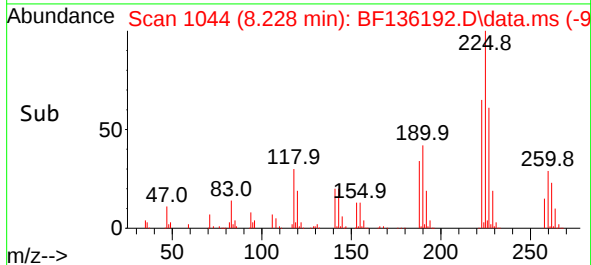
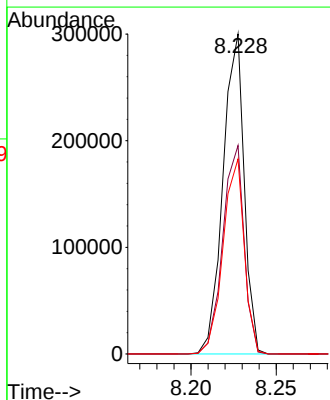
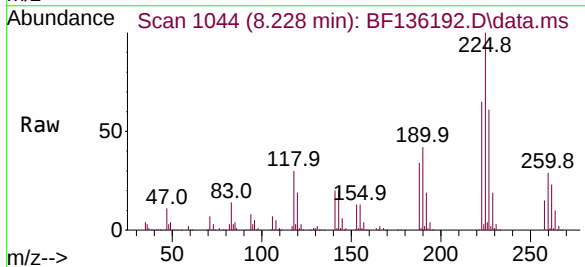
Instrument :
BNA_F
ClientSampleId :

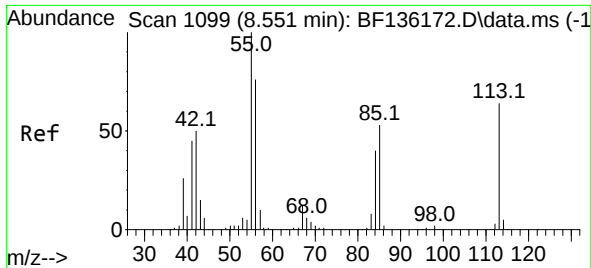
Tgt Ion:127	Resp: 337046
Ion Ratio	Lower Upper
127 100	
129 30.5	25.7 38.5
65 31.2	23.3 34.9
92 19.4	15.4 23.2



#34
Hexachlorobutadiene
Concen: 50.128 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:225	Resp: 258674		
Ion Ratio	Lower	Upper	
225 100			
223 65.2	49.8	74.6	
227 61.0	51.1	76.7	

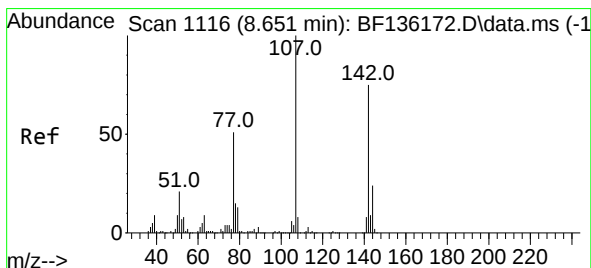
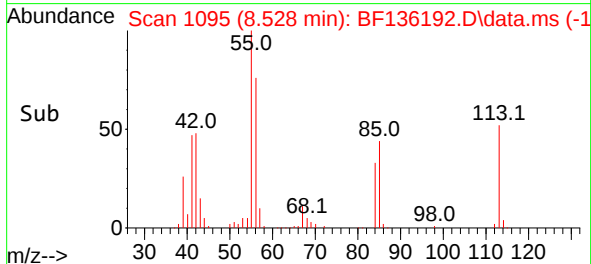
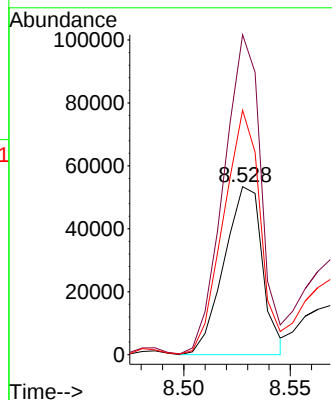
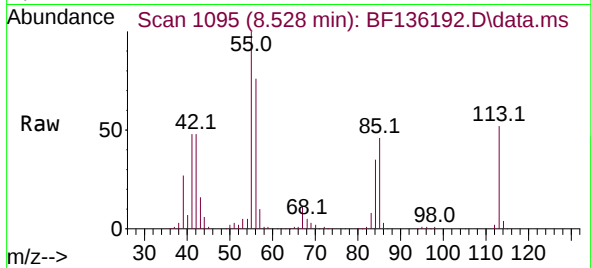




#35
Caprolactam
Concen: 30.411 ng
RT: 8.528 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

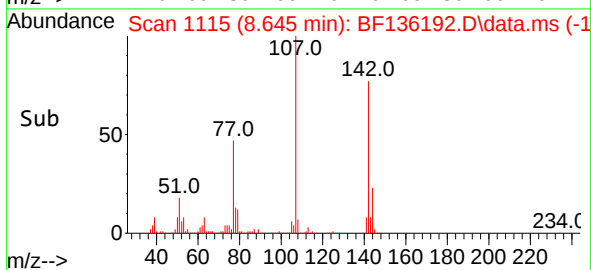
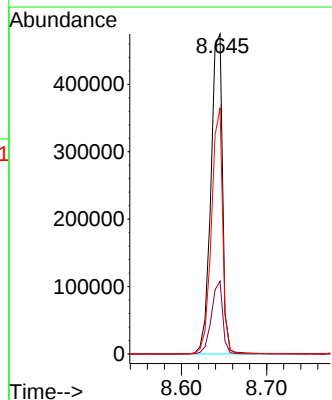
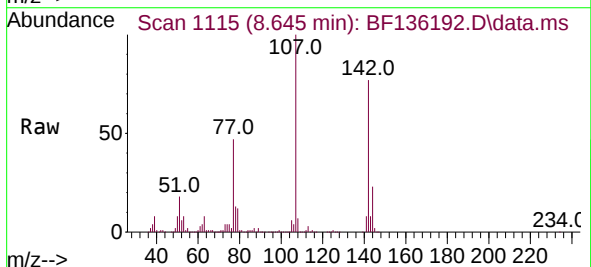
Instrument :
BNA_F
ClientSampleId :

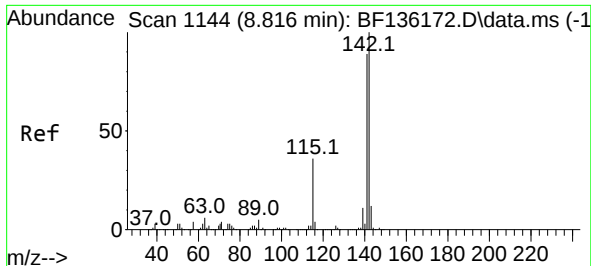
Tgt Ion:113 Resp: 67130
Ion Ratio Lower Upper
113 100
55 190.6 137.2 177.2#
56 145.6 99.8 139.8#



#36
4-Chloro-3-methylphenol
Concen: 56.242 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:107 Resp: 450191
Ion Ratio Lower Upper
107 100
144 22.8 19.4 29.0
142 76.8 59.9 89.9





#37

2-Methylnaphthalene

Concen: 51.365 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

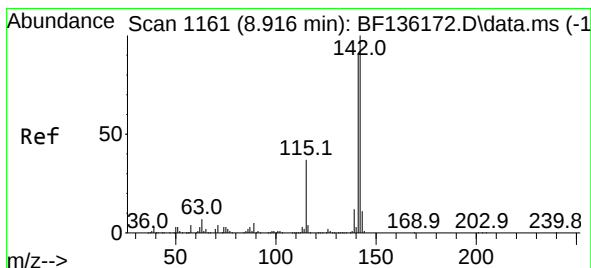
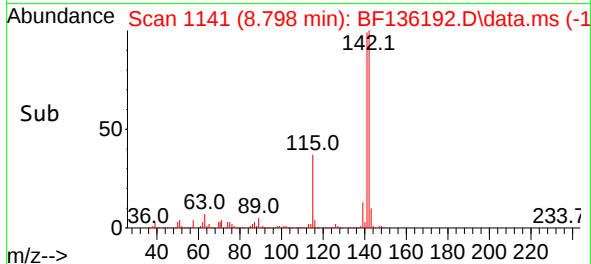
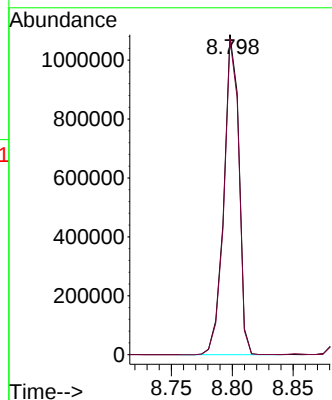
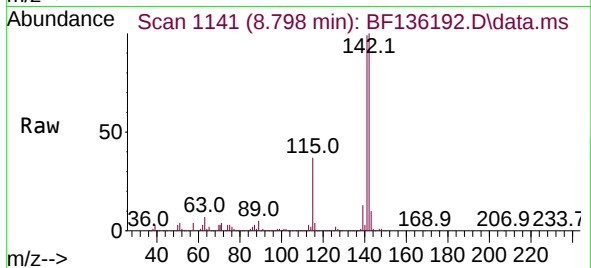
ClientSampleId :

Tgt Ion:142 Resp: 934293

Ion Ratio Lower Upper

142 100

141 98.7 71.4 107.0



#38

1-Methylnaphthalene

Concen: 53.123 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136192.D

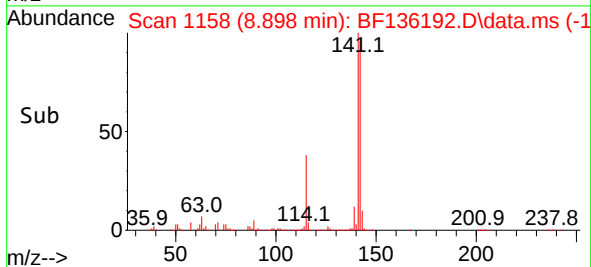
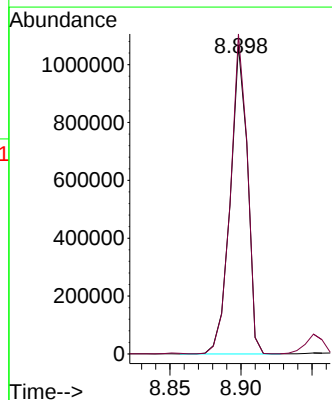
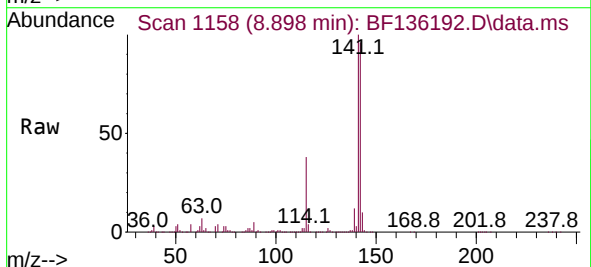
Acq: 24 Nov 2023 21:53

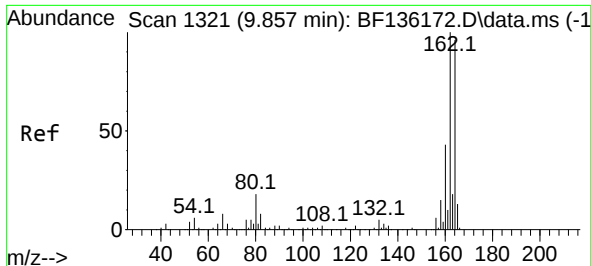
Tgt Ion:142 Resp: 896501

Ion Ratio Lower Upper

142 100

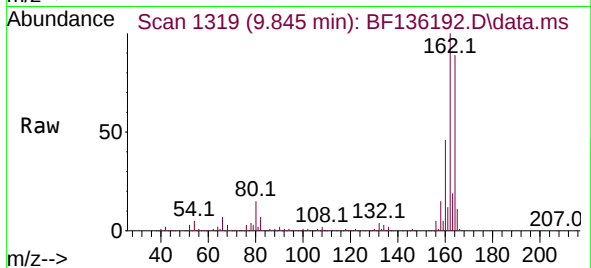
141 103.7 72.7 109.1



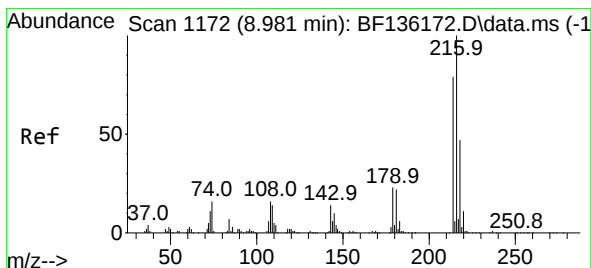
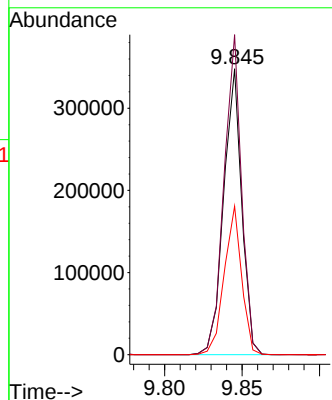
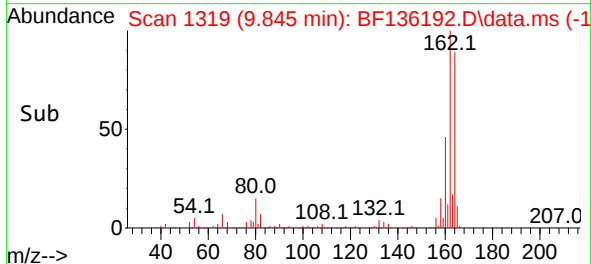


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

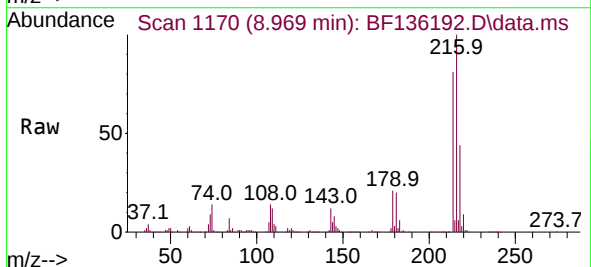
Instrument :
BNA_F
ClientSampleId :



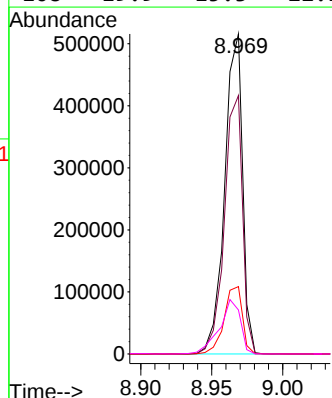
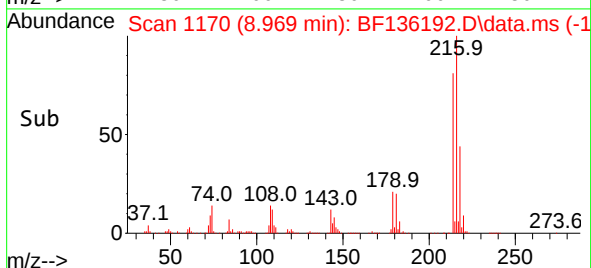
Tgt Ion:164 Resp: 282249
Ion Ratio Lower Upper
164 100
162 111.9 83.2 124.8
160 51.9 35.8 53.8

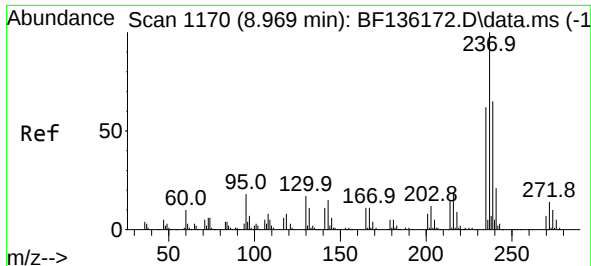


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.220 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53



Tgt Ion:216 Resp: 450190
Ion Ratio Lower Upper
216 100
214 81.8 63.8 95.8
179 21.6 18.0 27.0
108 19.9 15.3 22.9

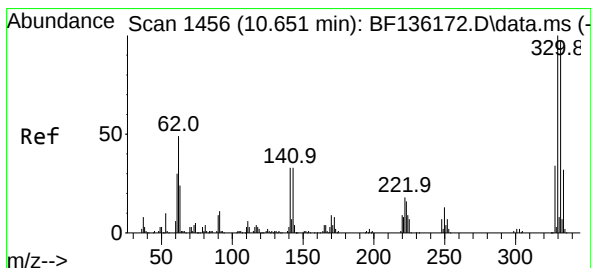
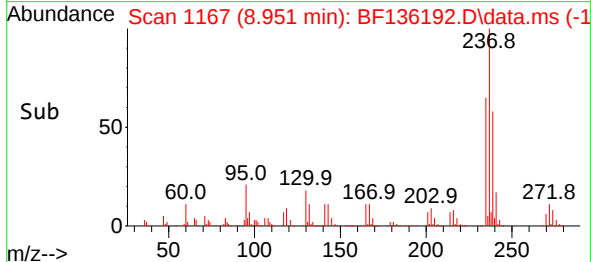
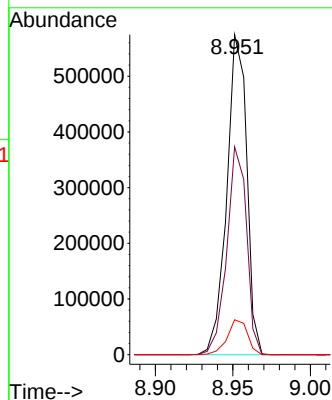
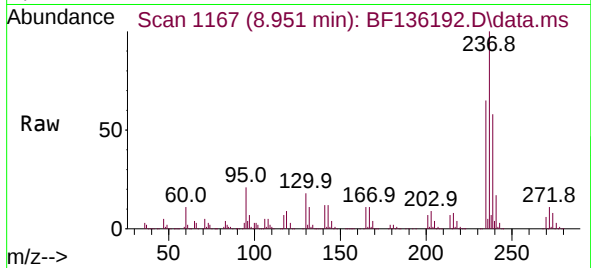




#41
Hexachlorocyclopentadiene
Concen: 117.999 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

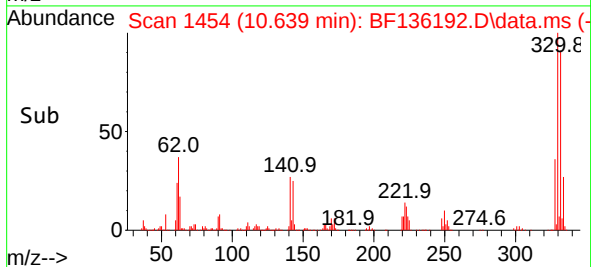
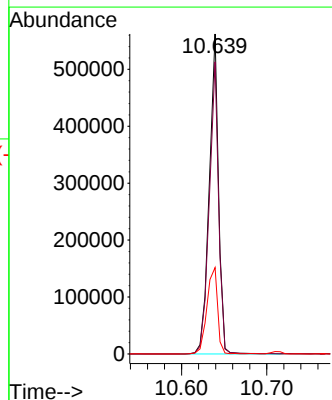
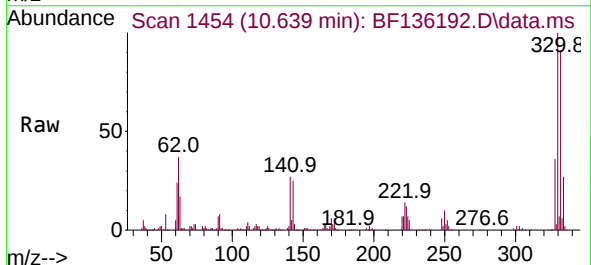
Instrument :
BNA_F
ClientSampleId :

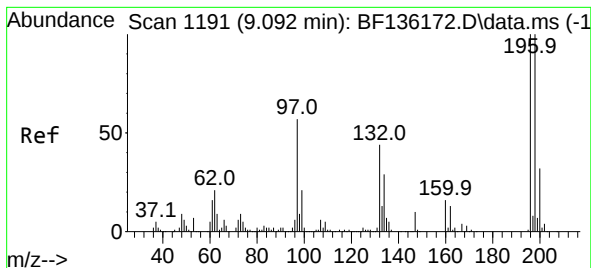
Tgt Ion:237 Resp: 514724
Ion Ratio Lower Upper
237 100
235 64.9 42.3 82.3
272 10.9 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 144.308 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:330 Resp: 426591
Ion Ratio Lower Upper
330 100
332 91.9 77.6 116.4
141 30.9 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 55.929 ng

RT: 9.080 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

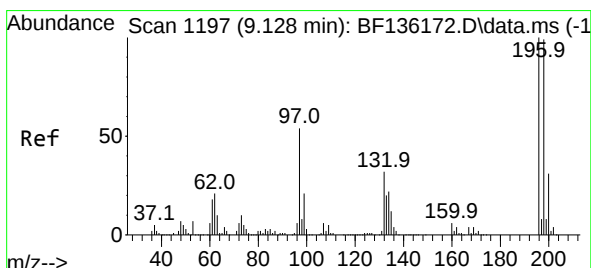
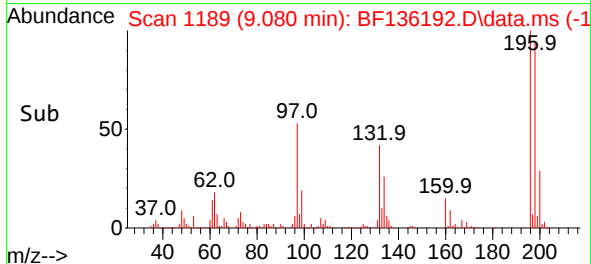
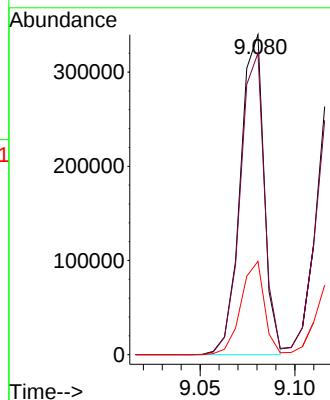
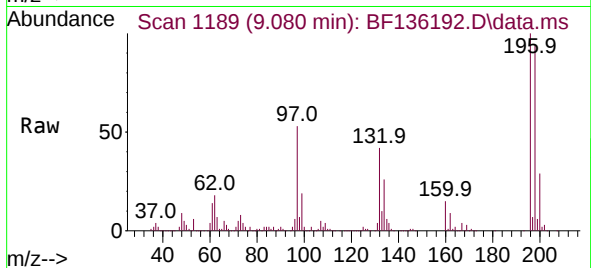
Tgt Ion:196 Resp: 296244

Ion Ratio Lower Upper

196 100

198 94.3 80.2 120.4

200 29.2 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 51.951 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Tgt Ion:196 Resp: 317000

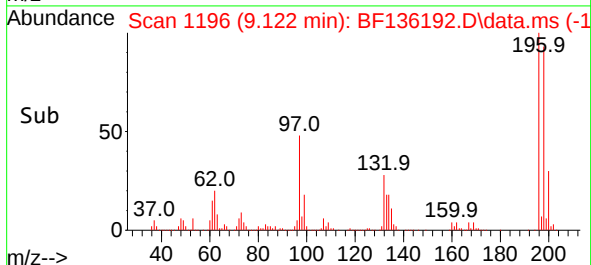
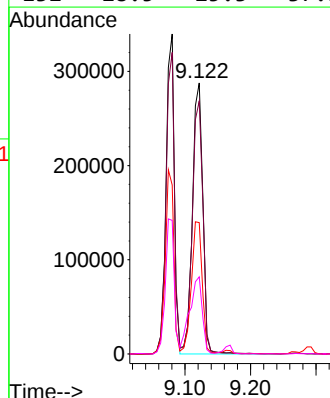
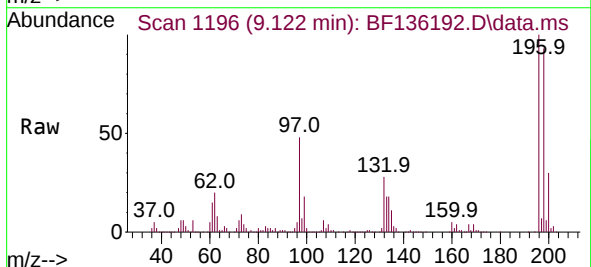
Ion Ratio Lower Upper

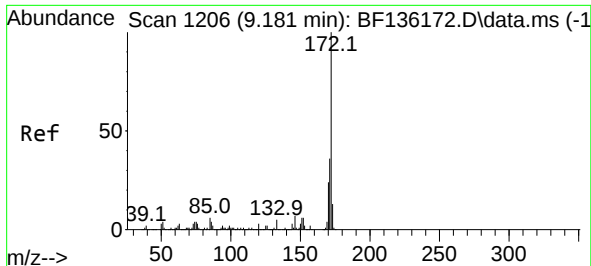
196 100

198 93.4 78.9 118.3

97 48.5 43.6 65.4

132 28.5 25.3 37.9

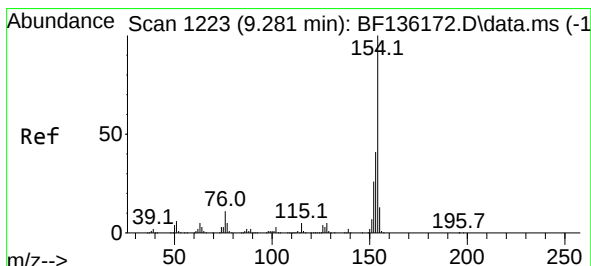
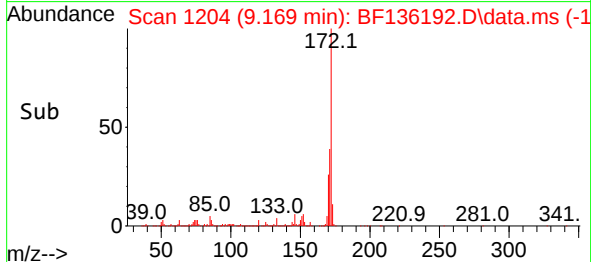
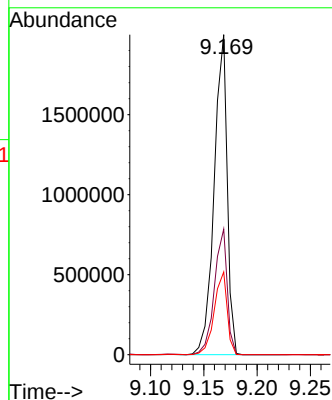
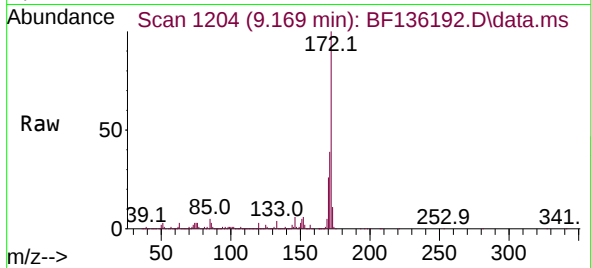




#45
2-Fluorobiphenyl
Concen: 89.082 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

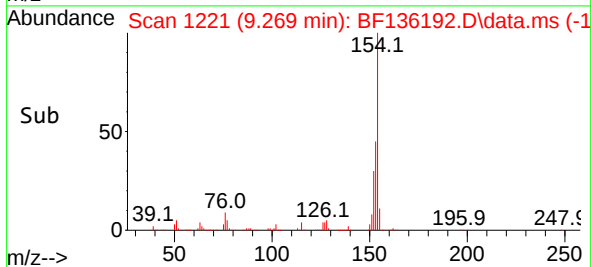
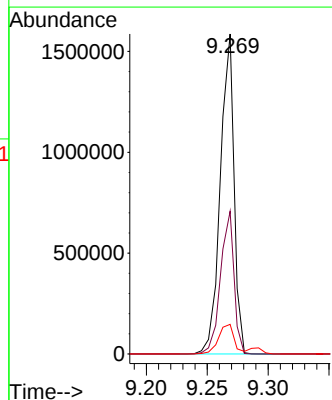
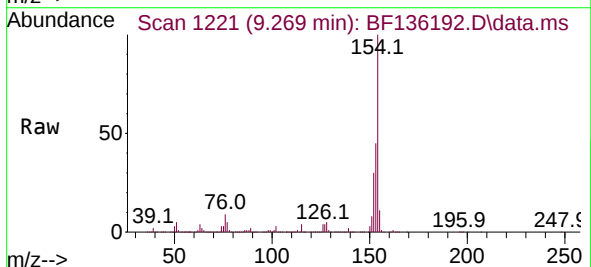
Instrument :
BNA_F
ClientSampleId :

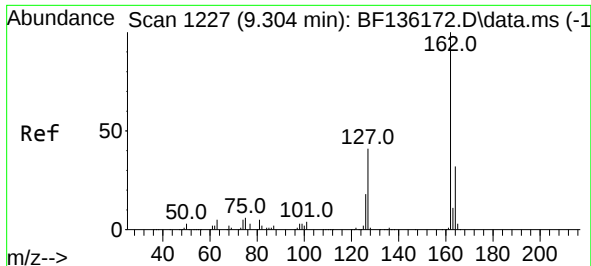
Tgt Ion:172 Resp: 1700943
Ion Ratio Lower Upper
172 100
171 39.3 28.9 43.3
170 25.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 56.249 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

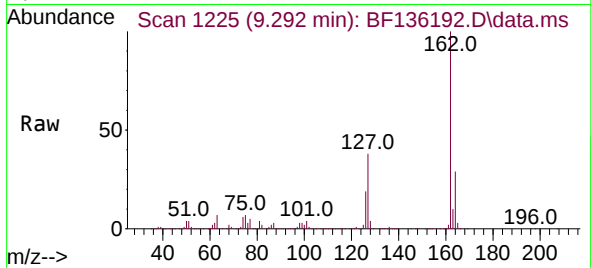
Tgt Ion:154 Resp: 1245780
Ion Ratio Lower Upper
154 100
153 44.6 21.1 61.1
76 9.3 0.0 31.2



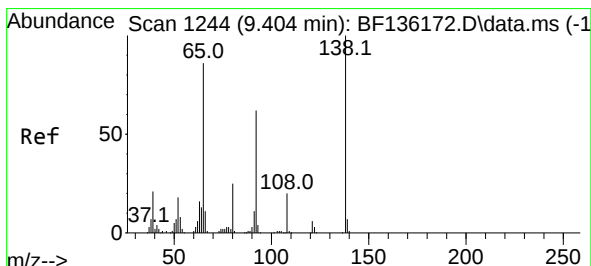
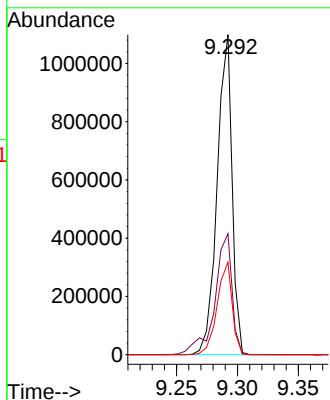
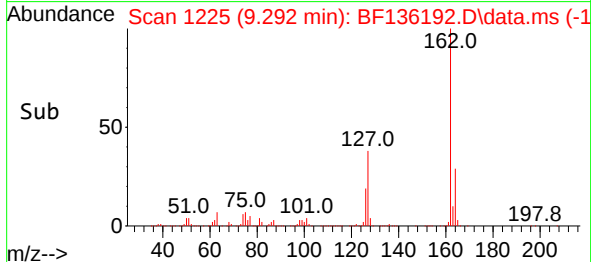


#47
2-Chloronaphthalene
Concen: 58.062 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

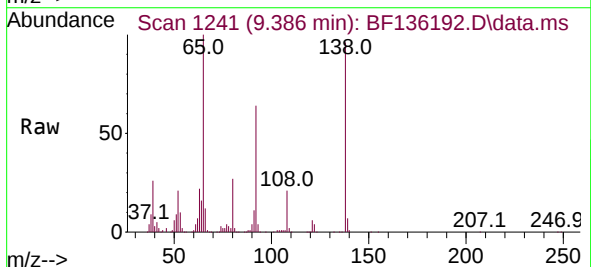
Instrument :
BNA_F
ClientSampleId :



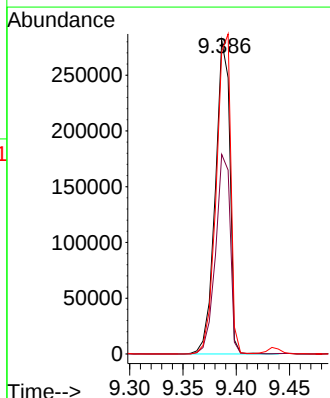
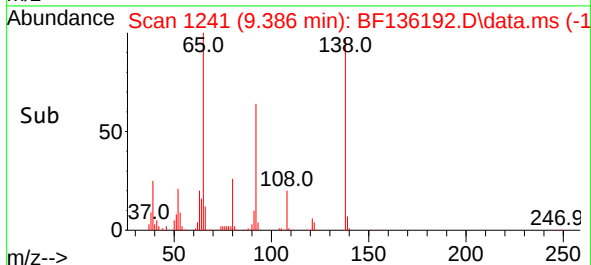
Tgt Ion:162 Resp: 939930
Ion Ratio Lower Upper
162 100
127 37.8 34.2 51.4
164 28.8 25.6 38.4

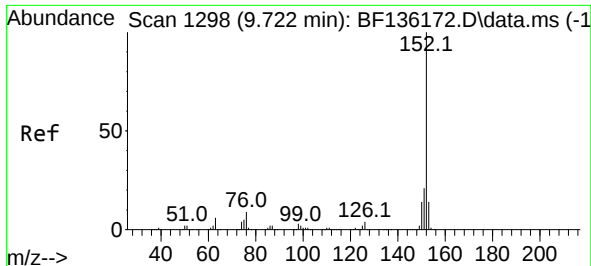


#48
2-Nitroaniline
Concen: 53.918 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53



Tgt Ion: 65 Resp: 266124
Ion Ratio Lower Upper
65 100
92 63.6 57.5 86.3
138 96.5 93.4 140.2





#49

Acenaphthylene

Concen: 60.308 ng

RT: 9.710 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

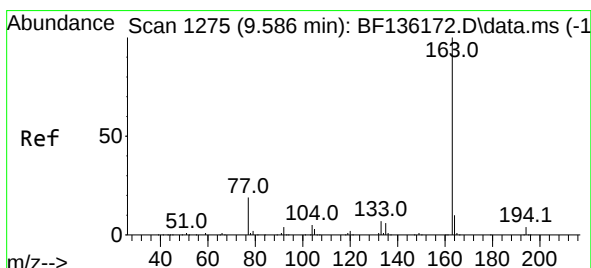
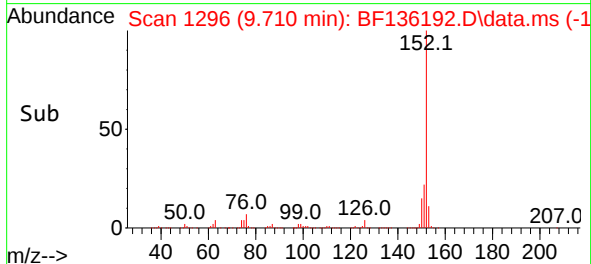
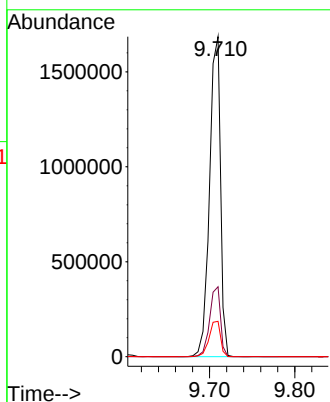
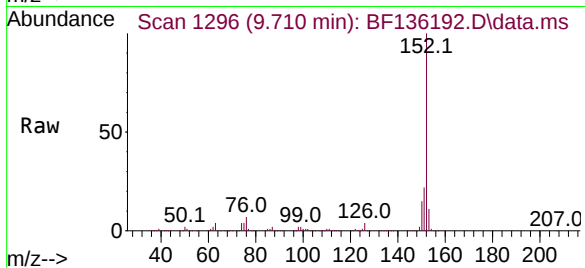
Tgt Ion:152 Resp: 1506992

Ion Ratio Lower Upper

152 100

151 21.9 16.4 24.6

153 11.1 11.1 16.7#



#50

Dimethylphthalate

Concen: 57.059 ng

RT: 9.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

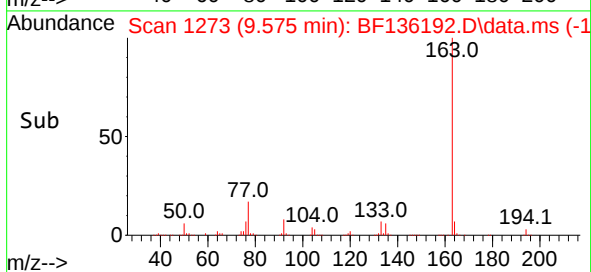
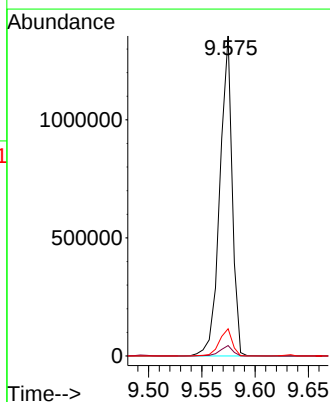
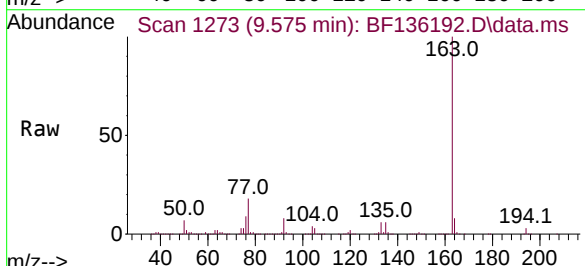
Tgt Ion:163 Resp: 1088129

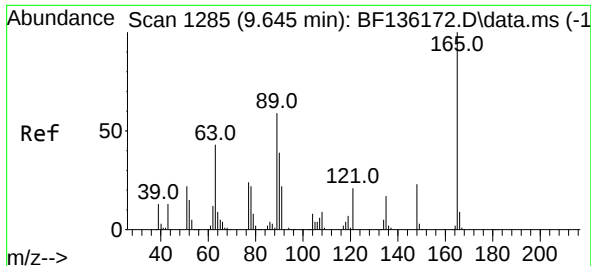
Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

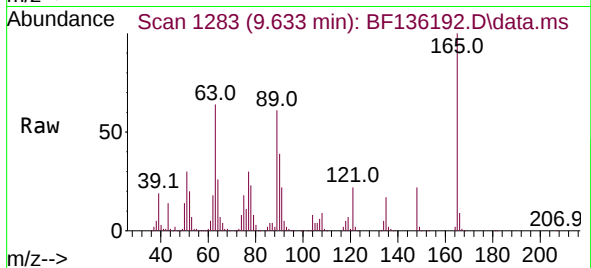
164 8.5 7.8 11.8



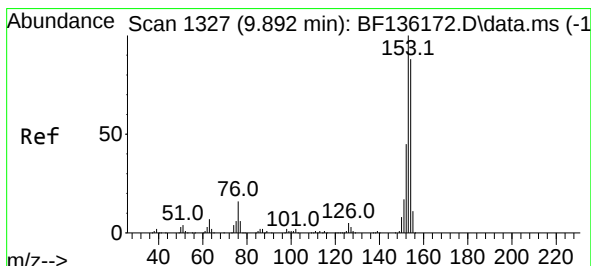
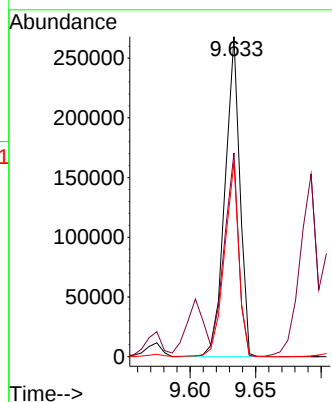
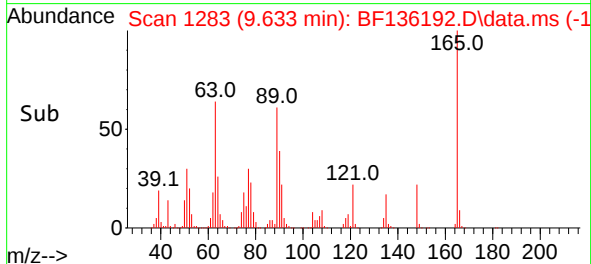


#51
2,6-Dinitrotoluene
Concen: 51.070 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Instrument :
BNA_F
ClientSampleId :

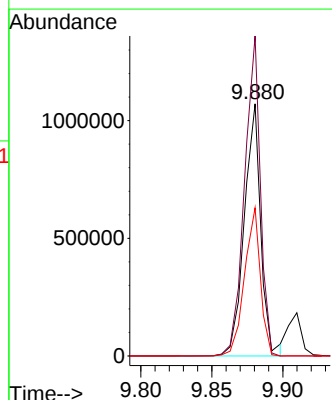
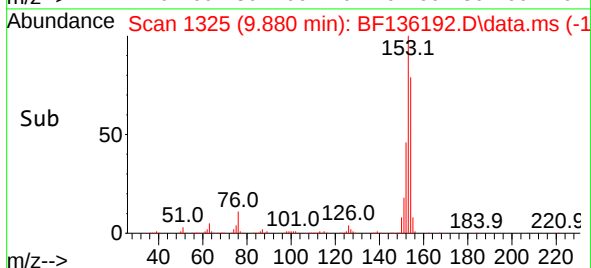
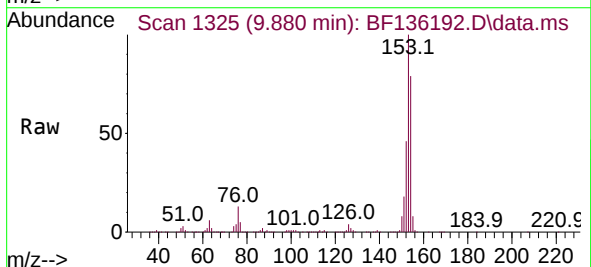


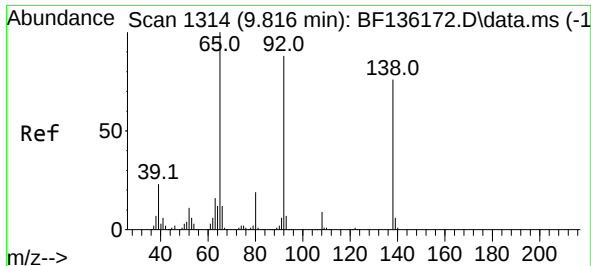
Tgt Ion:165 Resp: 211332
Ion Ratio Lower Upper
165 100
63 63.7 48.0 72.0
89 60.8 47.2 70.8



#52
Acenaphthene
Concen: 52.303 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:154 Resp: 870507
Ion Ratio Lower Upper
154 100
153 126.9 90.4 135.6
152 58.8 41.1 61.7

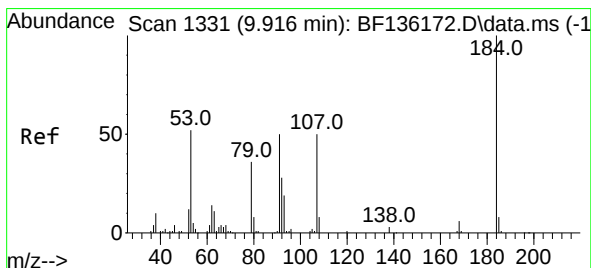
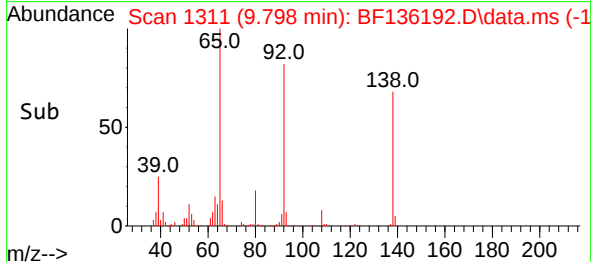
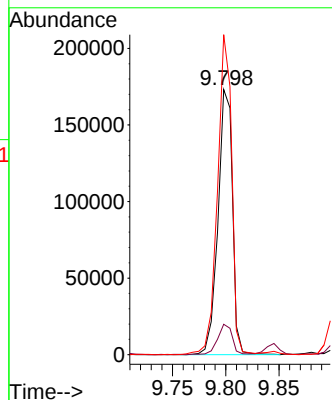
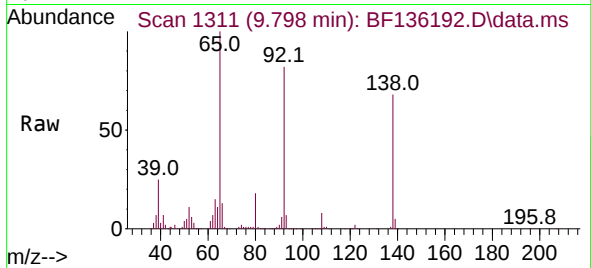




#53
3-Nitroaniline
Concen: 37.085 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

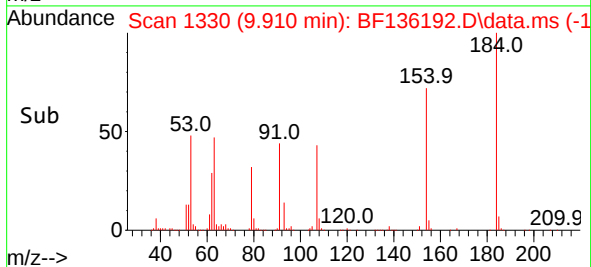
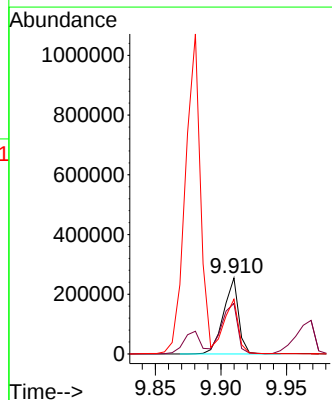
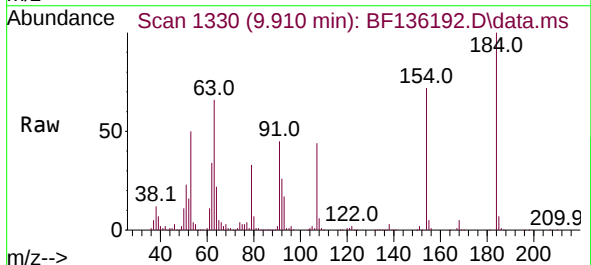
Instrument :
BNA_F
ClientSampleId :

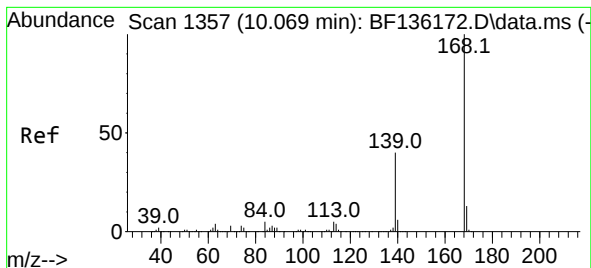
Tgt Ion:138 Resp: 163621
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.4
92 120.7 92.2 138.2



#54
2,4-Dinitrophenol
Concen: 99.183 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:184 Resp: 203294
Ion Ratio Lower Upper
184 100
63 66.5 59.1 88.7
154 72.0 58.2 87.2





#55

Dibenzenofuran

Concen: 57.030 ng

RT: 10.051 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

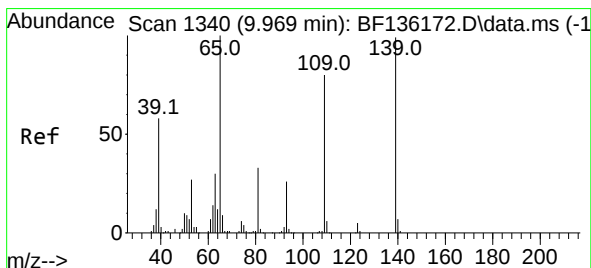
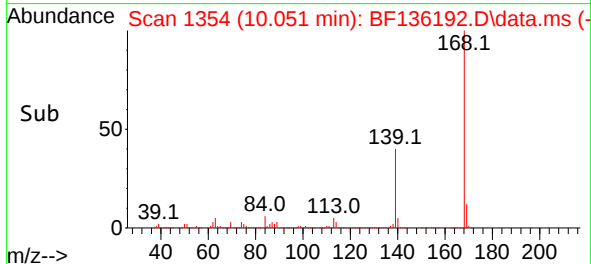
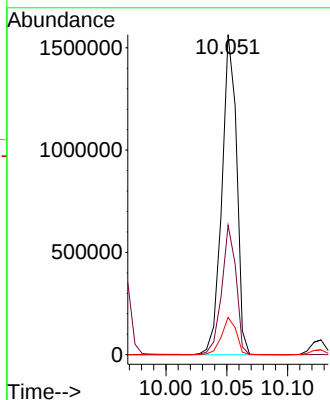
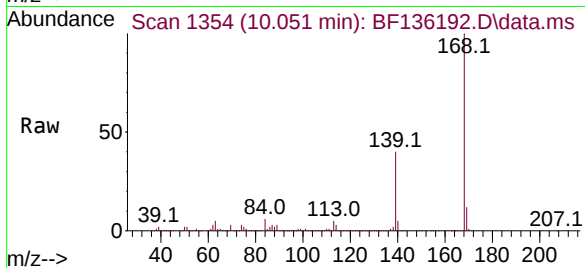
Tgt Ion:168 Resp: 1319687

Ion Ratio Lower Upper

168 100

139 40.5 31.9 47.9

169 11.7 10.6 16.0



#56

4-Nitrophenol

Concen: 118.789 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

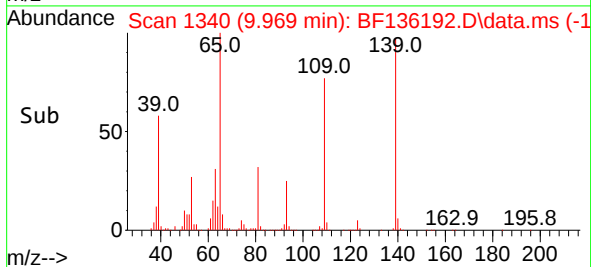
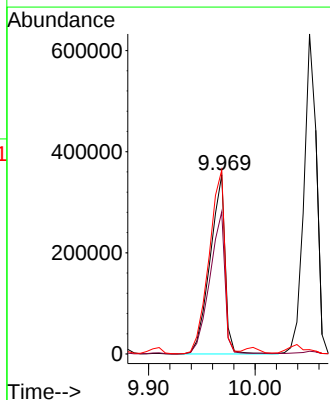
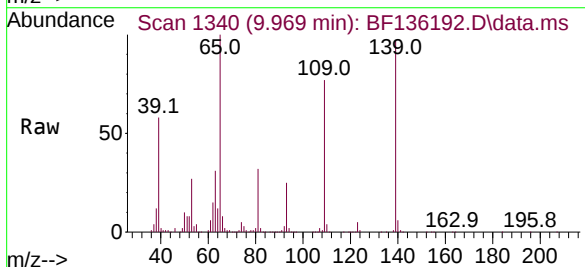
Tgt Ion:139 Resp: 348279

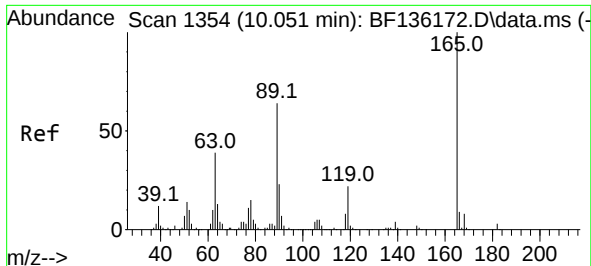
Ion Ratio Lower Upper

139 100

109 79.4 60.9 100.9

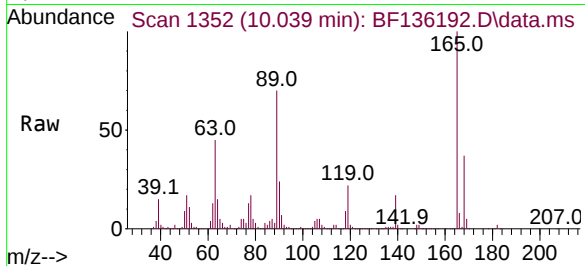
65 102.7 81.6 121.6



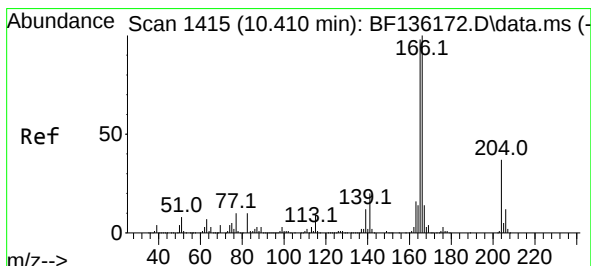
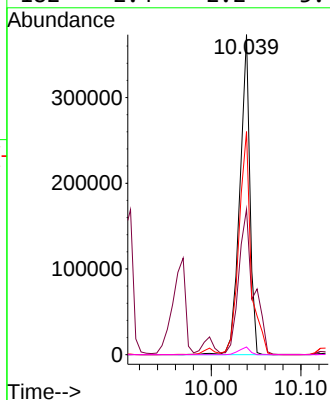
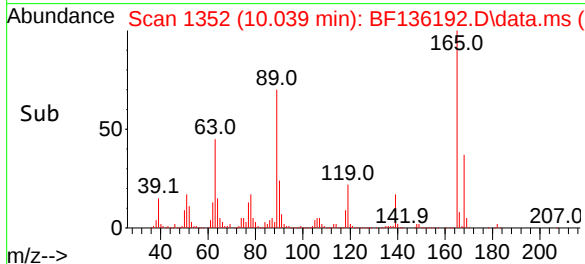


#57
2,4-Dinitrotoluene
Concen: 55.271 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

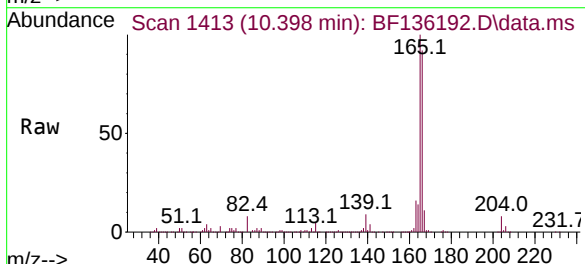
Instrument :
BNA_F
ClientSampleId :



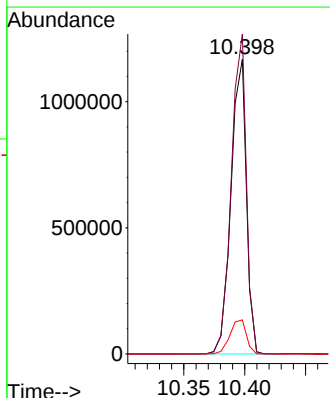
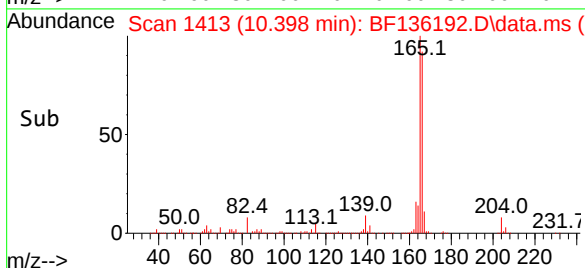
Tgt Ion:165 Resp: 290490
Ion Ratio Lower Upper
165 100
63 45.4 31.4 47.0
89 69.7 51.6 77.4
182 2.4 2.2 3.4

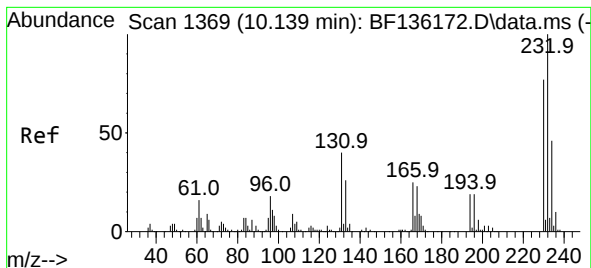


#58
Fluorene
Concen: 58.221 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53



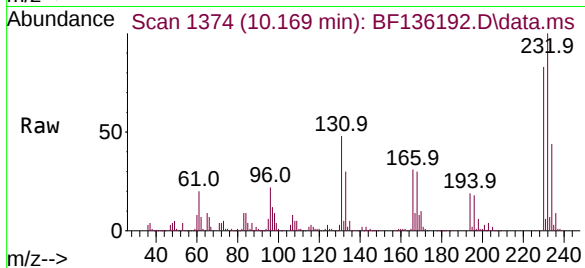
Tgt Ion:166 Resp: 1022521
Ion Ratio Lower Upper
166 100
165 108.6 78.8 118.2
167 11.6 10.9 16.3



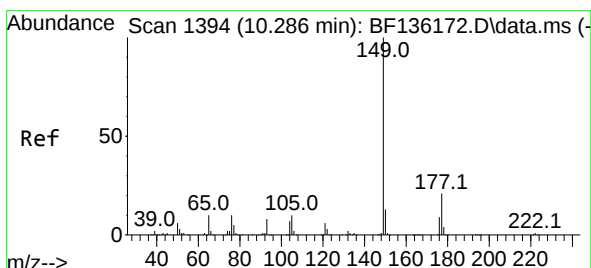
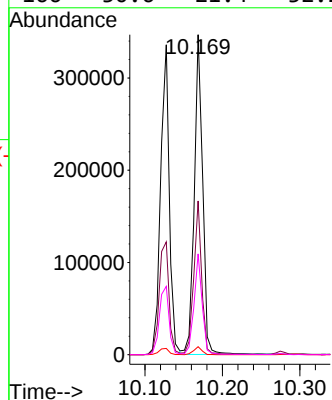
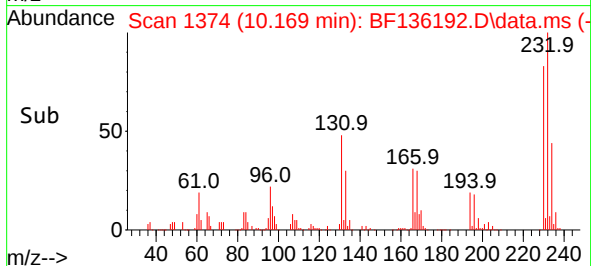


#59
2,3,4,6-Tetrachlorophenol
Concen: 56.240 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

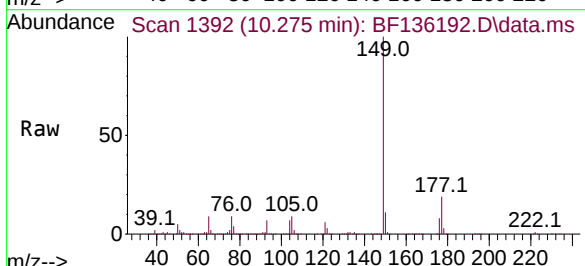
Instrument :
BNA_F
ClientSampleId :



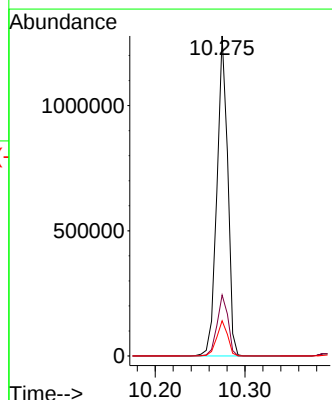
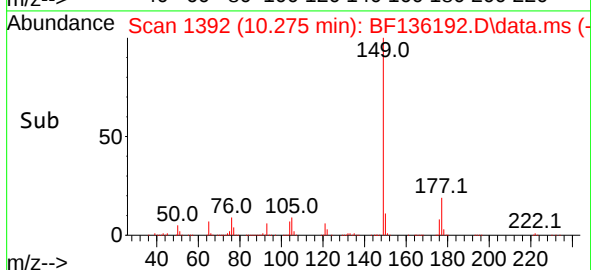
Tgt Ion:232 Resp: 260094
Ion Ratio Lower Upper
232 100
131 45.3 34.6 52.0
130 2.5 1.9 2.9
166 30.6 21.4 32.2

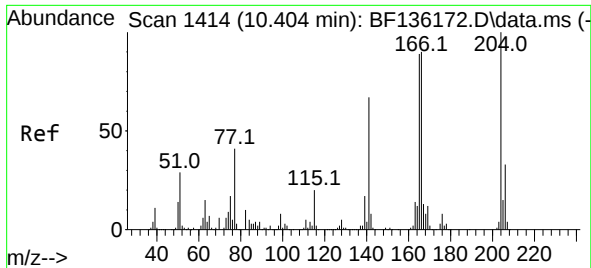


#60
Diethylphthalate
Concen: 55.598 ng
RT: 10.275 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53



Tgt Ion:149 Resp: 1063673
Ion Ratio Lower Upper
149 100
177 19.0 17.2 25.8
150 11.0 10.3 15.5

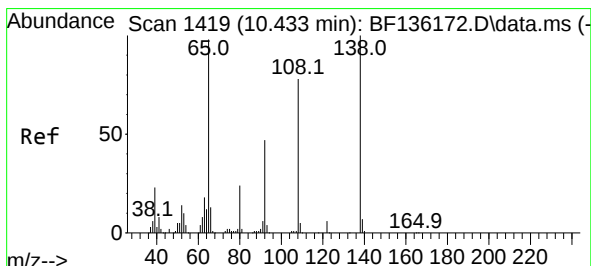
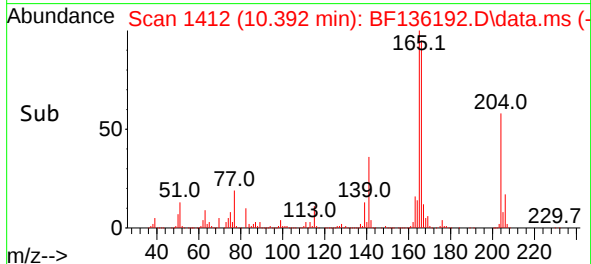
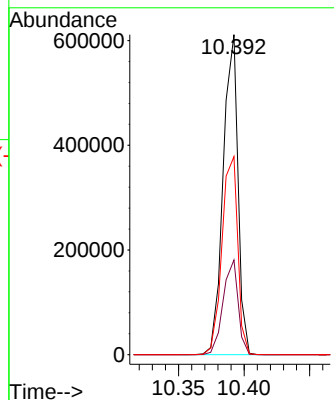
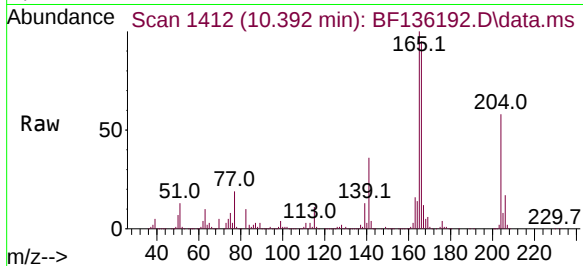




#61
4-Chlorophenyl-phenylether
Concen: 53.622 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

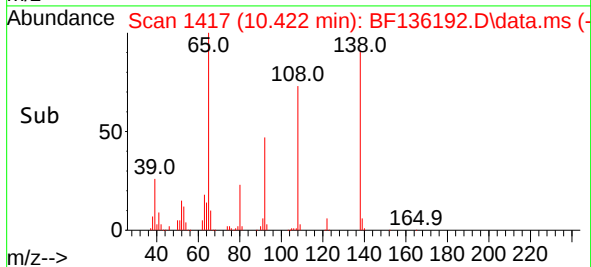
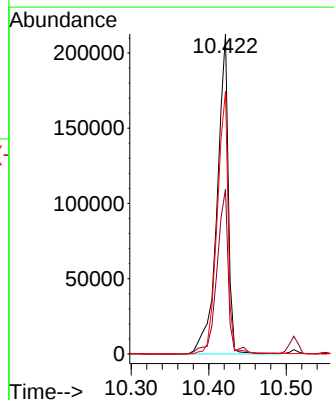
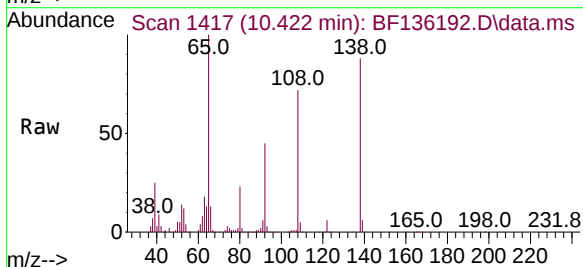
Instrument :
BNA_F
ClientSampleId :

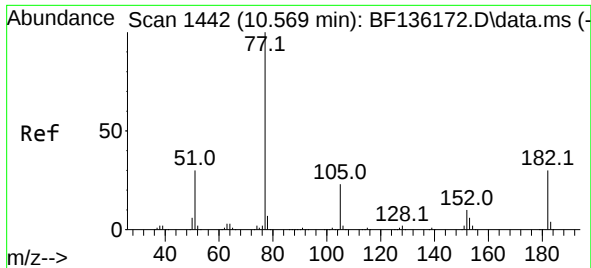
Tgt Ion:204 Resp: 478732
Ion Ratio Lower Upper
204 100
206 29.6 26.1 39.1
141 61.9 53.9 80.9



#62
4-Nitroaniline
Concen: 52.840 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:138 Resp: 212470
Ion Ratio Lower Upper
138 100
92 51.5 26.6 66.6
108 82.1 58.0 98.0

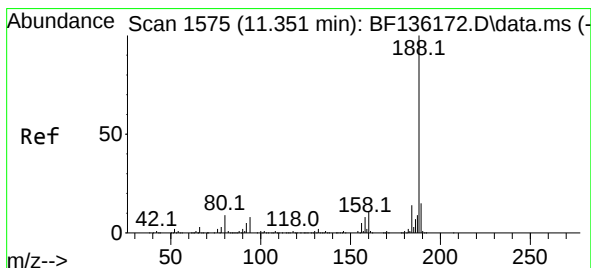
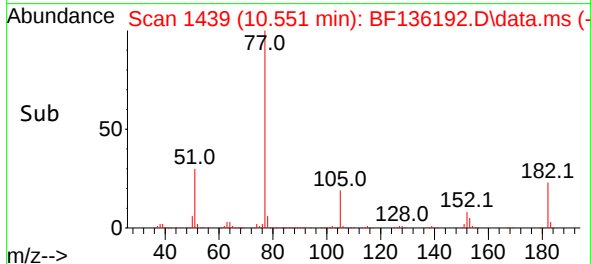
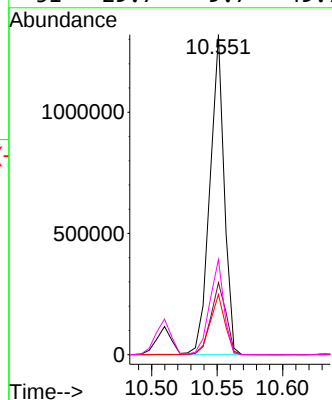
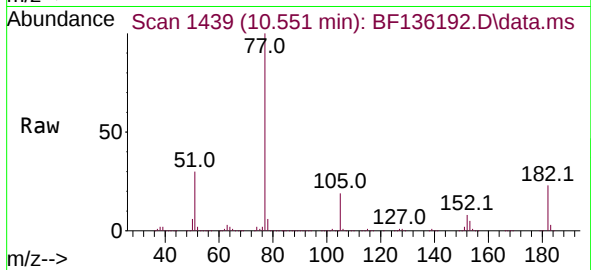




#63
Azobenzene
Concen: 60.025 ng
RT: 10.551 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

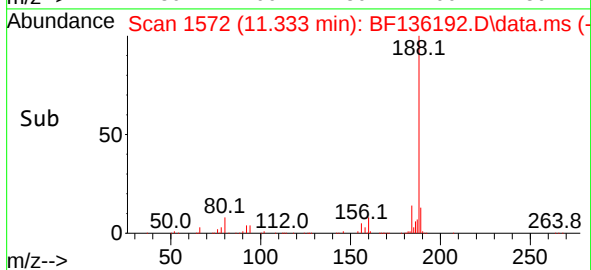
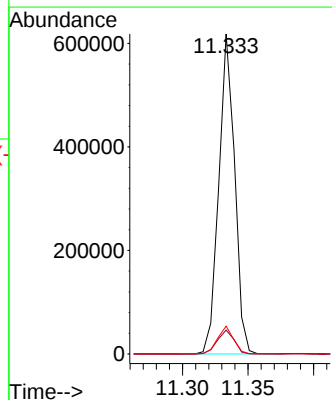
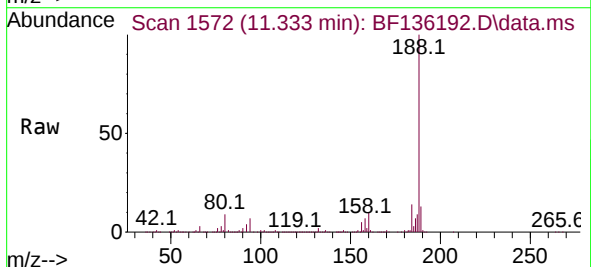
Instrument :
BNA_F
ClientSampleId :

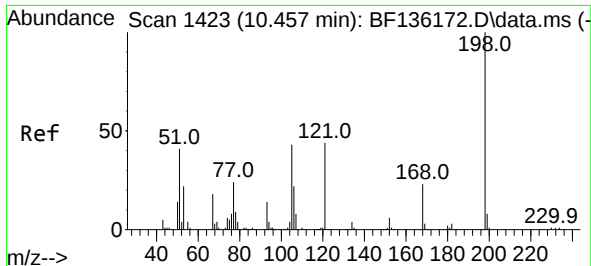
Tgt Ion: 77 Resp: 1004771
Ion Ratio Lower Upper
77 100
182 22.5 10.3 50.3
105 18.8 2.6 42.6
51 29.7 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:188 Resp: 519677
Ion Ratio Lower Upper
188 100
94 7.5 6.6 9.8
80 8.7 7.3 10.9

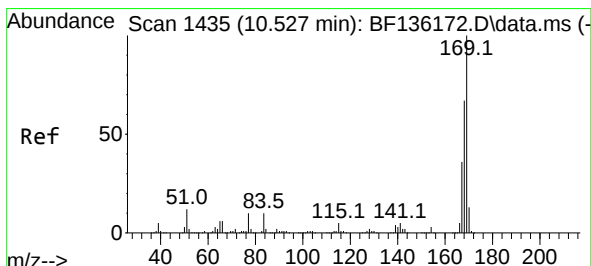
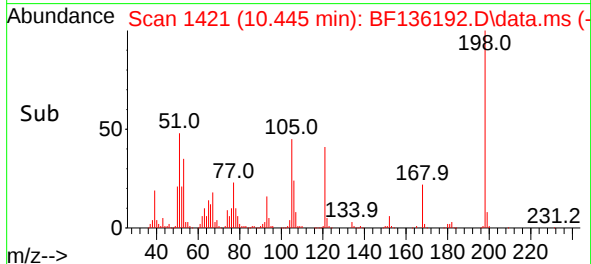
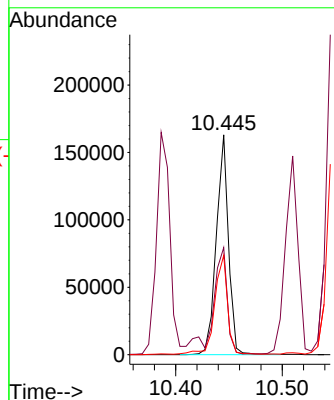
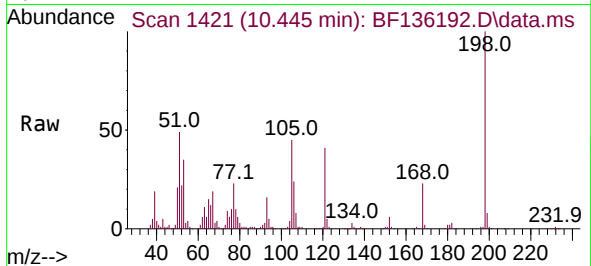




#65
4,6-Dinitro-2-methylphenol
Concen: 43.763 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

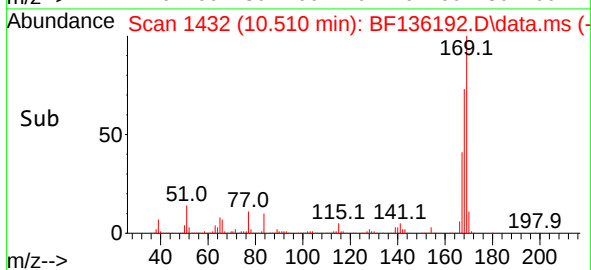
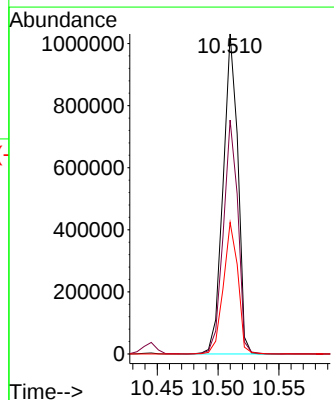
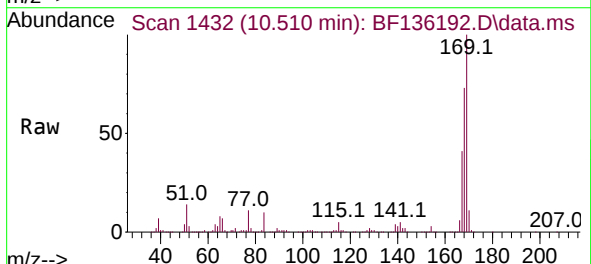
Instrument :
BNA_F
ClientSampleId :

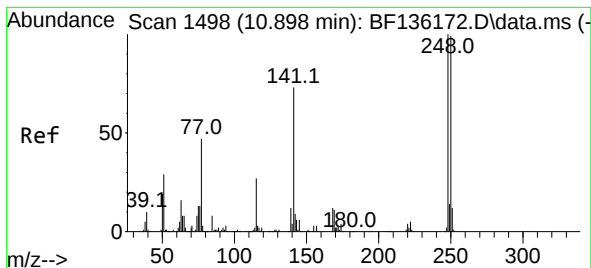
Tgt Ion:198 Resp: 129526
Ion Ratio Lower Upper
198 100
51 48.7 27.3 67.3
105 45.2 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 52.749 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

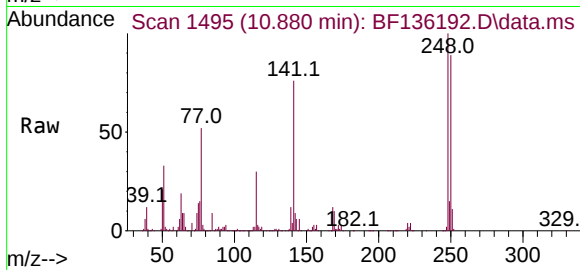
Tgt Ion:169 Resp: 869680
Ion Ratio Lower Upper
169 100
168 73.1 53.9 80.9
167 41.1 28.9 43.3



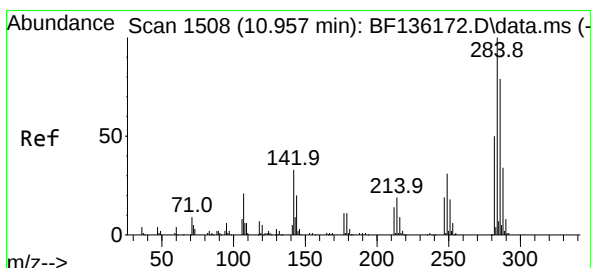
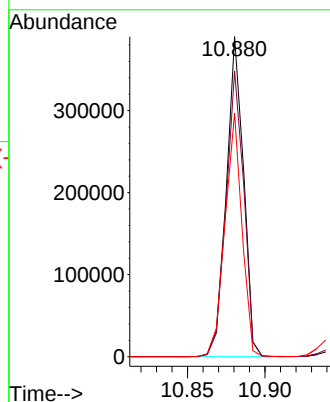
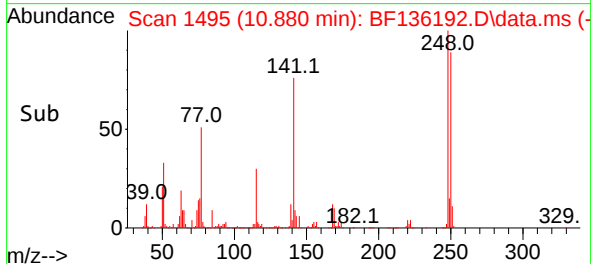


#67
4-Bromophenyl-phenylether
Concen: 52.190 ng
RT: 10.880 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

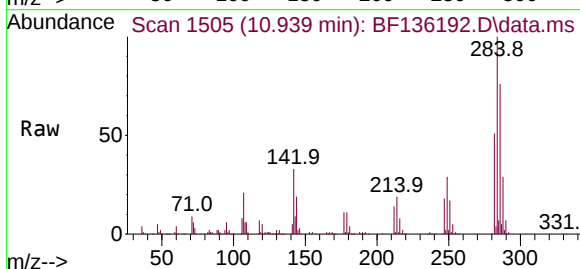
Instrument :
BNA_F
ClientSampleId :



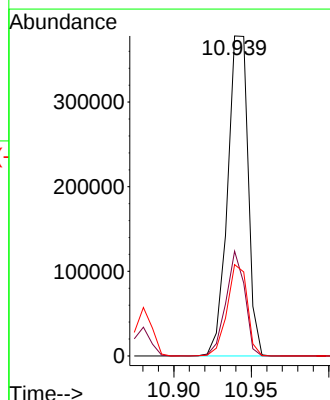
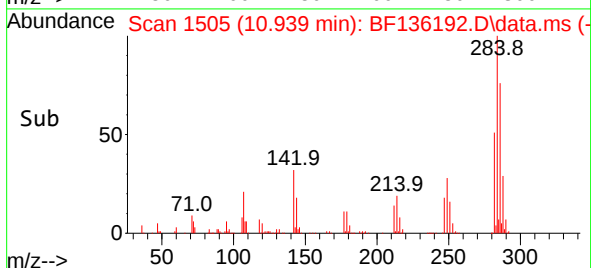
Tgt Ion:248 Resp: 302065
Ion Ratio Lower Upper
248 100
250 89.3 79.0 118.4
141 76.1 58.8 88.2

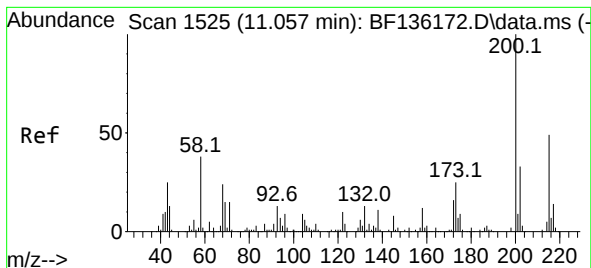


#68
Hexachlorobenzene
Concen: 56.738 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53



Tgt Ion:284 Resp: 348640
Ion Ratio Lower Upper
284 100
142 32.7 26.6 39.8
249 28.5 24.6 37.0





#69

Atrazine

Concen: 67.012 ng

RT: 11.045 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

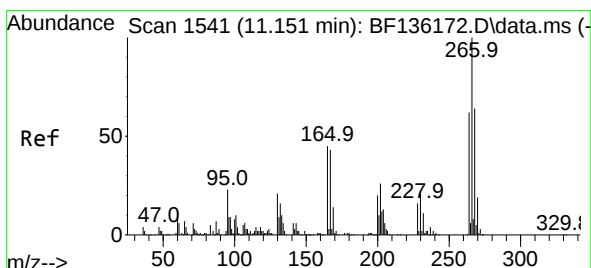
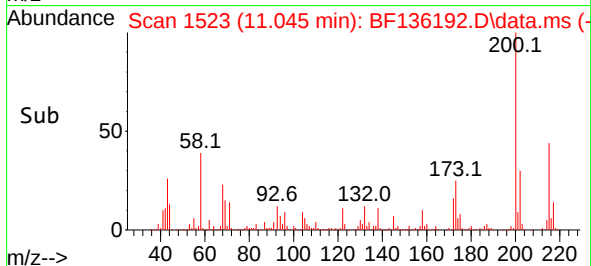
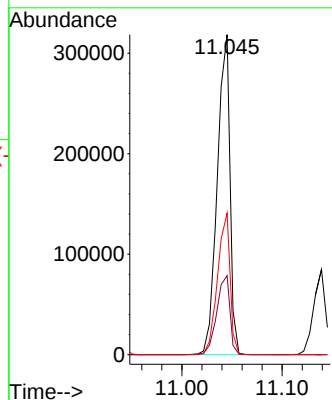
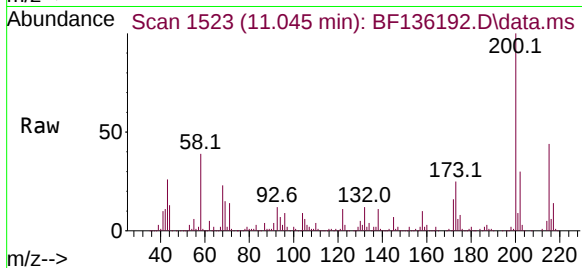
Tgt Ion:200 Resp: 279897

Ion Ratio Lower Upper

200 100

173 24.7 4.9 44.9

215 44.2 28.9 68.9



#70

Pentachlorophenol

Concen: 109.194 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

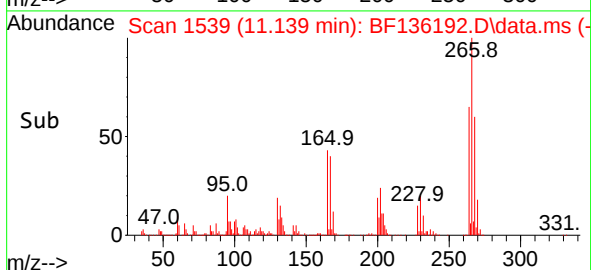
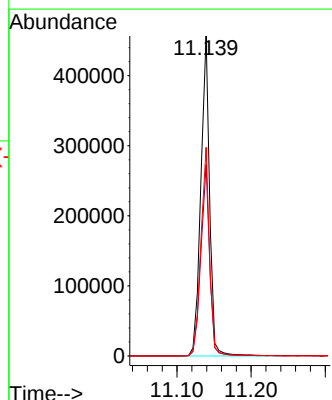
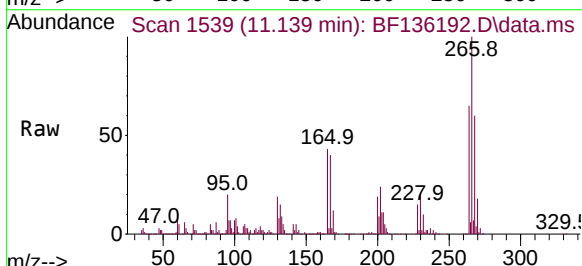
Tgt Ion:266 Resp: 375268

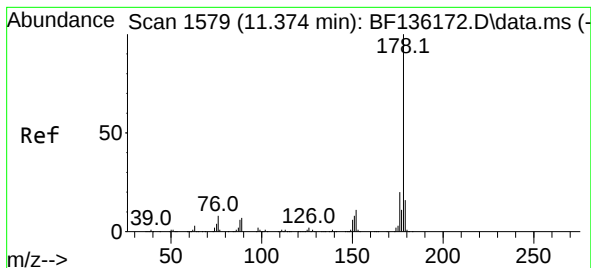
Ion Ratio Lower Upper

266 100

268 59.9 50.8 76.2

264 65.2 50.0 75.0





#71

Phenanthrene

Concen: 57.676 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

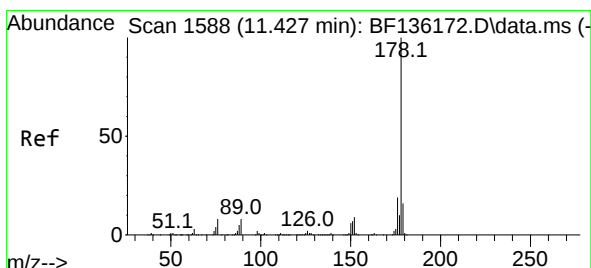
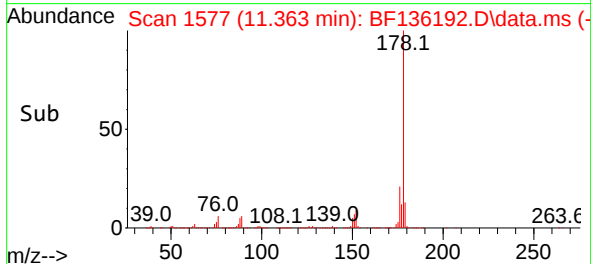
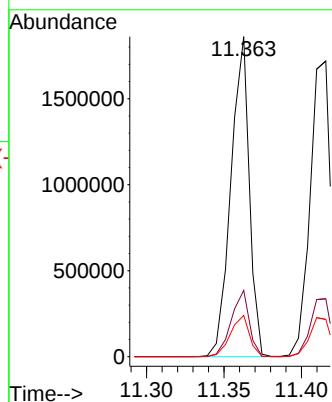
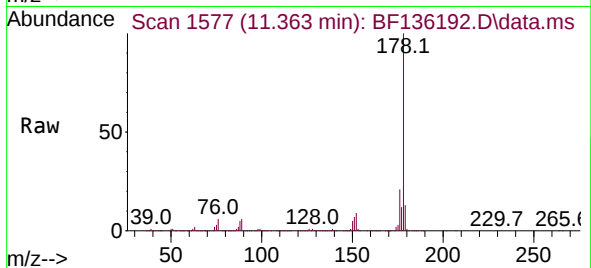
Tgt Ion:178 Resp: 1534876

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.8

179 12.9 12.7 19.1



#72

Anthracene

Concen: 57.679 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

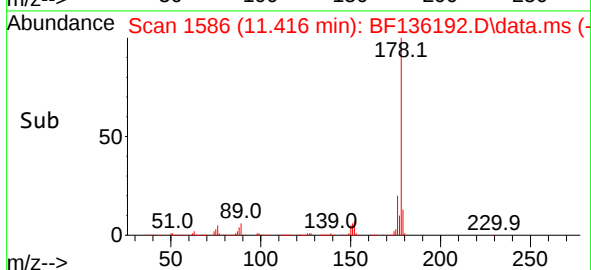
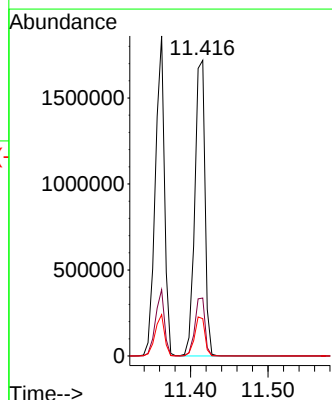
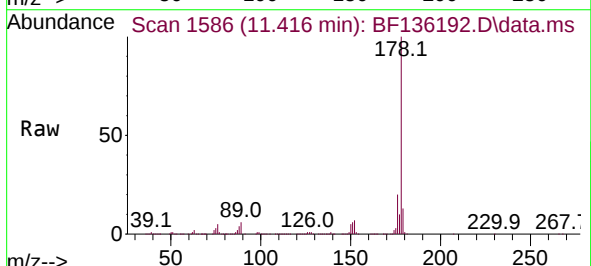
Tgt Ion:178 Resp: 1566807

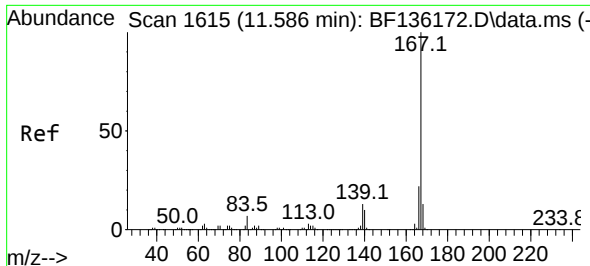
Ion Ratio Lower Upper

178 100

176 19.6 15.0 22.4

179 12.6 12.6 18.8

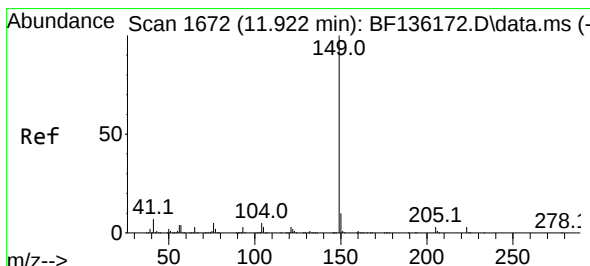
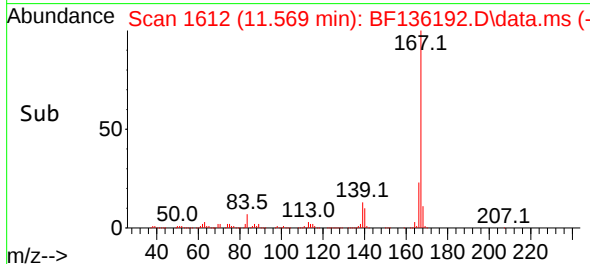
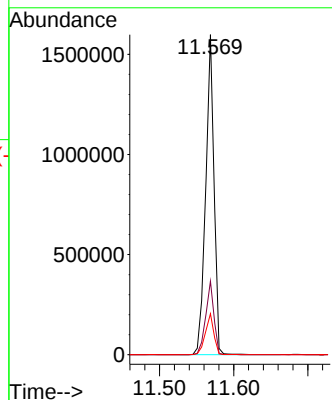
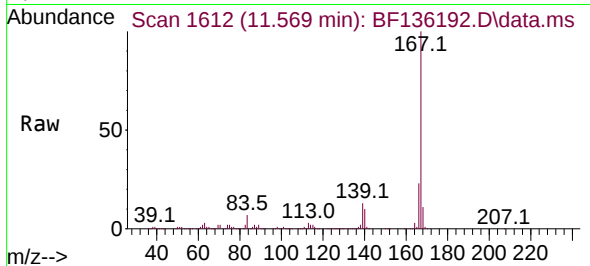




#73
 Carbazole
 Concen: 57.743 ng
 RT: 11.569 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF136192.D
 Acq: 24 Nov 2023 21:53

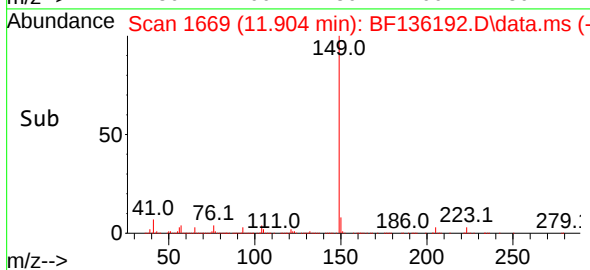
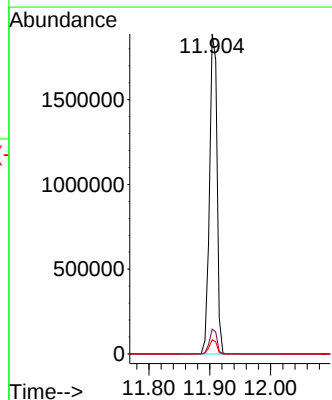
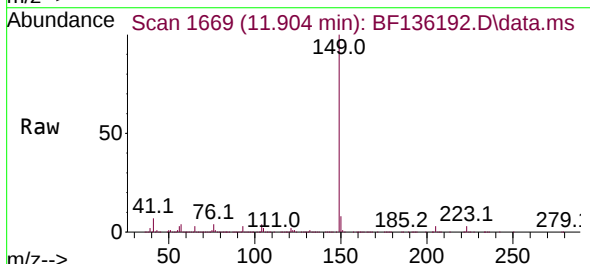
Instrument :
 BNA_F
 ClientSampleId :

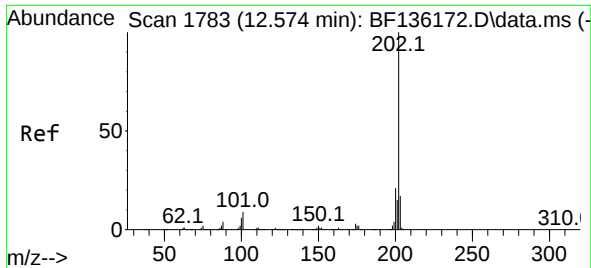
Tgt Ion:167 Resp: 1256889
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.3 25.9
 139 12.8 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 62.784 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136192.D
 Acq: 24 Nov 2023 21:53

Tgt Ion:149 Resp: 1616704
 Ion Ratio Lower Upper
 149 100
 150 7.8 7.7 11.5
 104 4.5 4.2 6.2

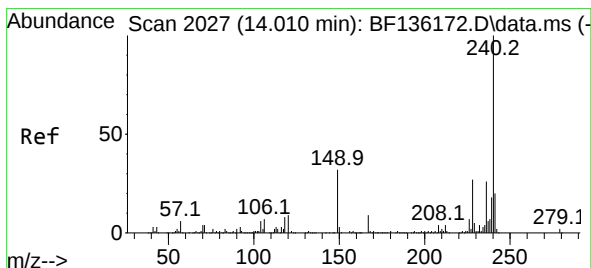
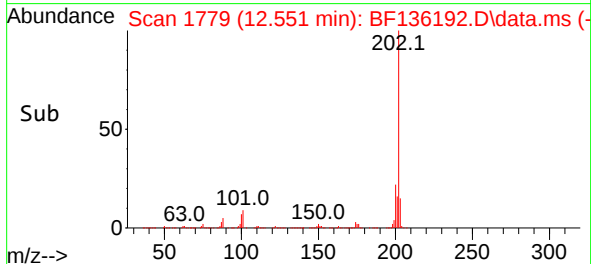
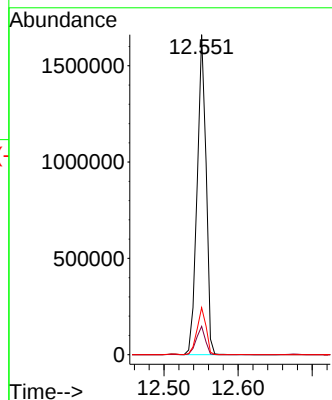
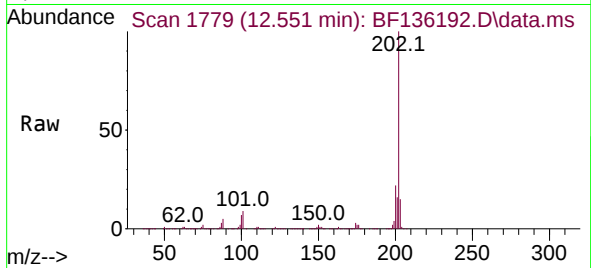




#75
Fluoranthene
Concen: 56.899 ng
RT: 12.551 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

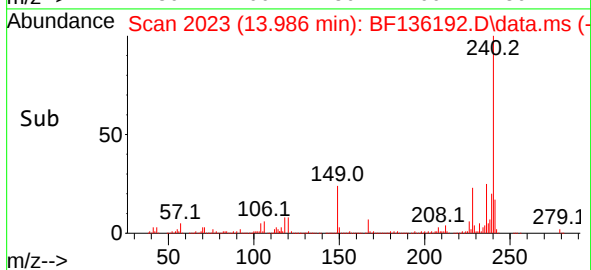
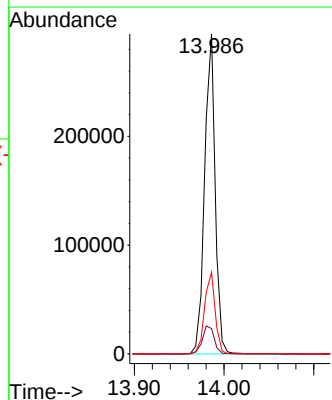
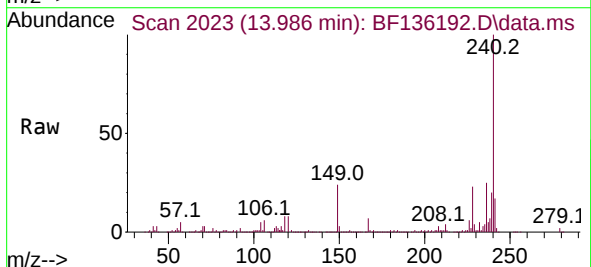
Instrument :
BNA_F
ClientSampleId :

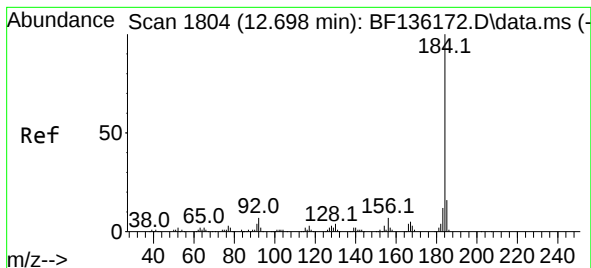
Tgt Ion:202 Resp: 1382784
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.6
203 14.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:240 Resp: 240068
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.5 20.9 31.3





#77

Benzidine

Concen: 108.006 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

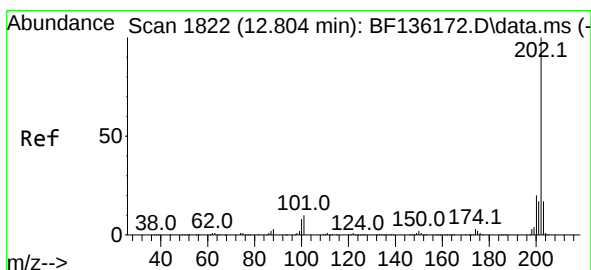
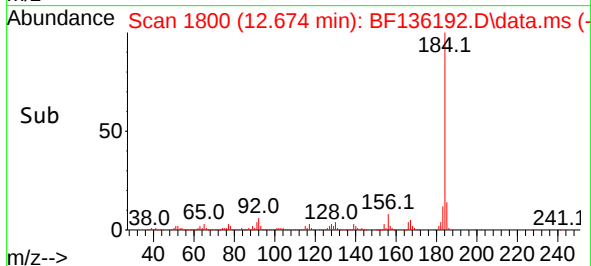
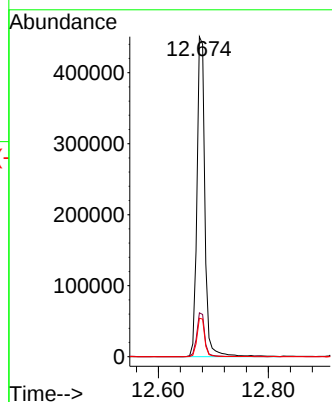
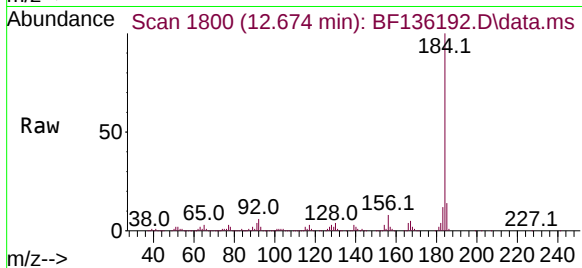
Tgt Ion:184 Resp: 448973

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

183 12.0 9.2 13.8



#78

Pyrene

Concen: 60.249 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

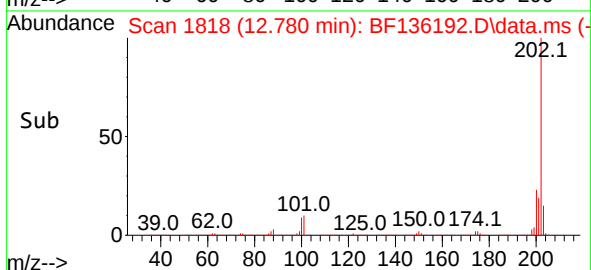
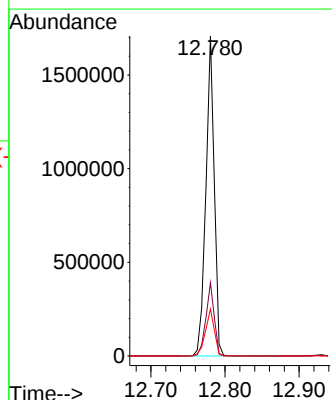
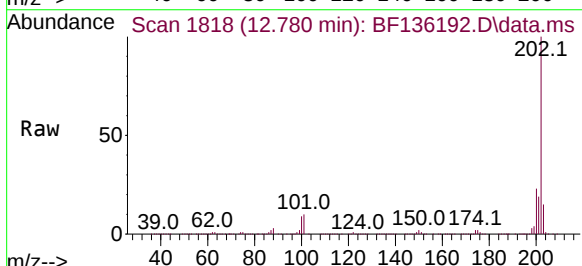
Tgt Ion:202 Resp: 1352546

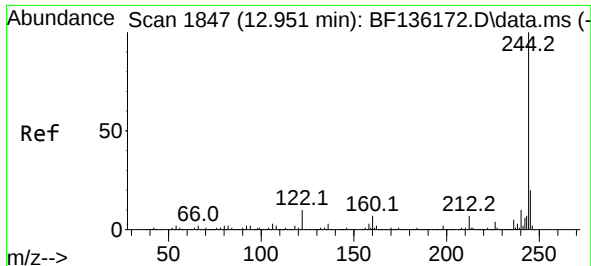
Ion Ratio Lower Upper

202 100

200 22.9 16.2 24.2

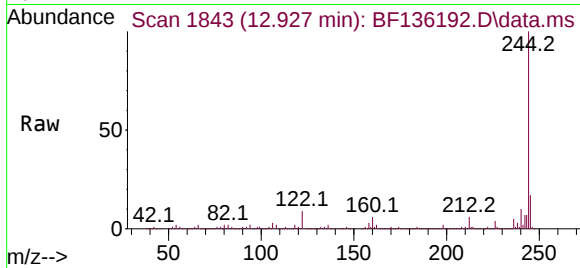
203 14.7 13.6 20.4



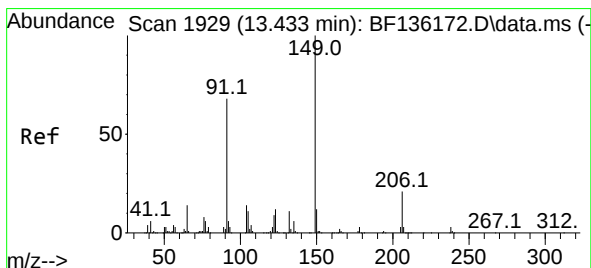
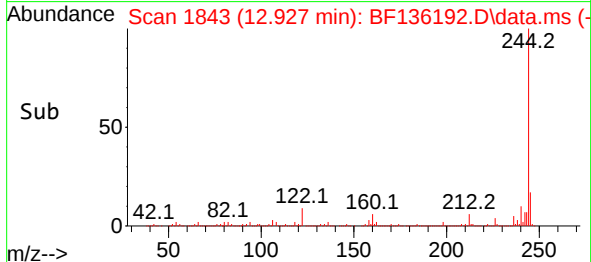
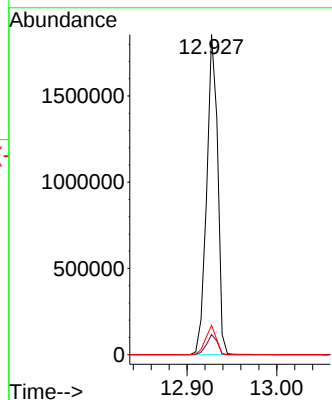


#79
 Terphenyl-d14
 Concen: 93.034 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136192.D
 Acq: 24 Nov 2023 21:53

Instrument :
 BNA_F
 ClientSampleId :

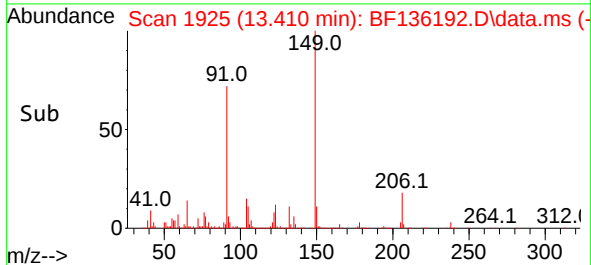
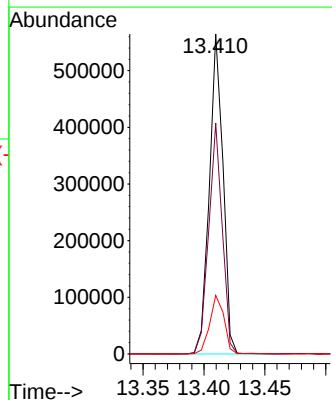
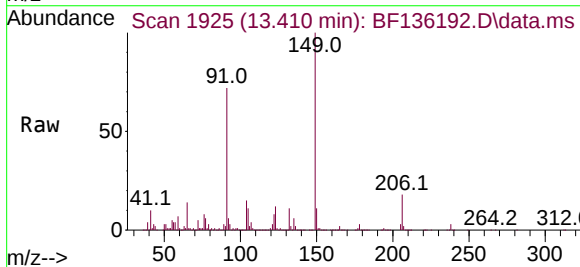


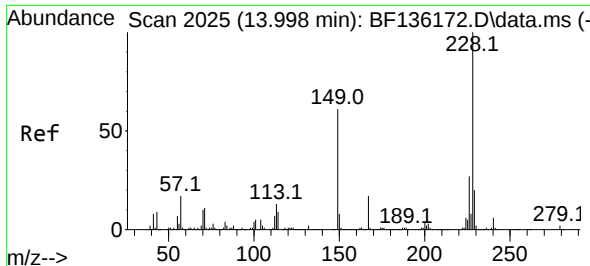
Tgt Ion:244 Resp: 1573426
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.2 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 61.352 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136192.D
 Acq: 24 Nov 2023 21:53

Tgt Ion:149 Resp: 438874
 Ion Ratio Lower Upper
 149 100
 91 72.2 54.2 81.2
 206 18.3 16.6 25.0

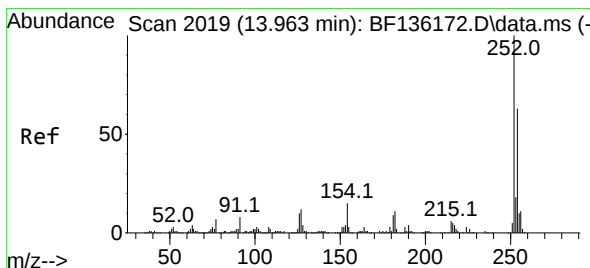
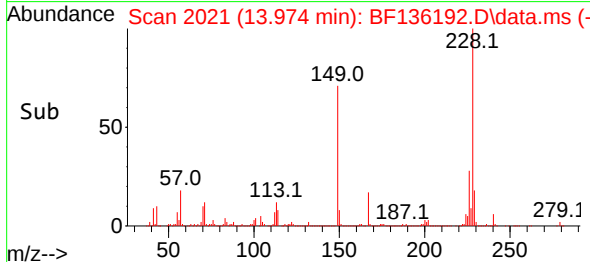
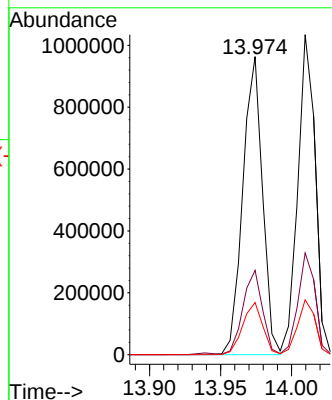
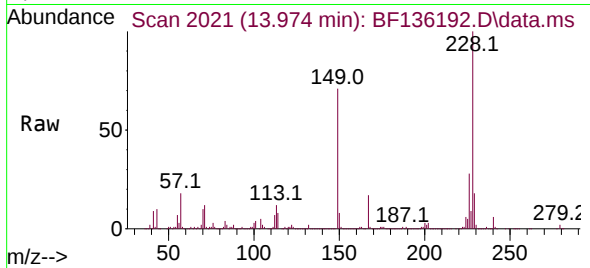




#81
Benzo(a)anthracene
Concen: 58.410 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

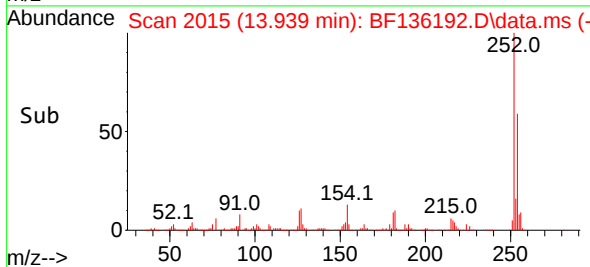
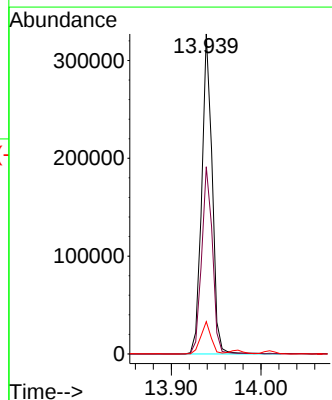
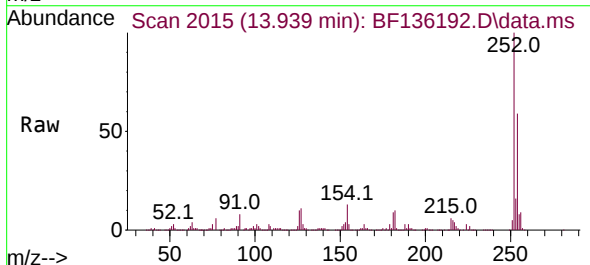
Instrument :
BNA_F
ClientSampleId :

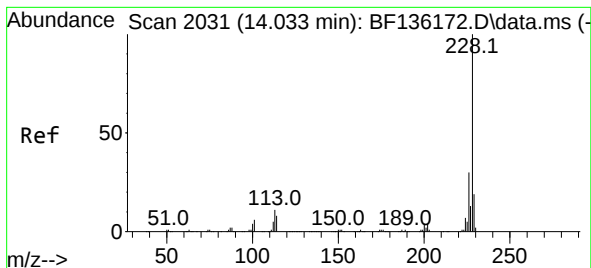
Tgt Ion:228 Resp: 930090
Ion Ratio Lower Upper
228 100
226 28.3 21.3 31.9
229 17.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 51.637 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:252 Resp: 263961
Ion Ratio Lower Upper
252 100
254 58.5 50.7 76.1
126 10.1 8.2 12.2





#83

Chrysene

Concen: 56.741 ng

RT: 14.010 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

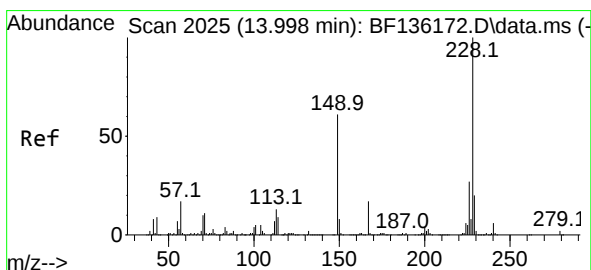
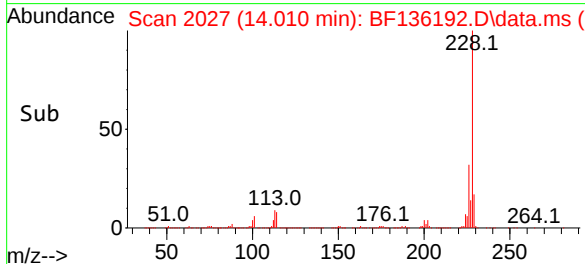
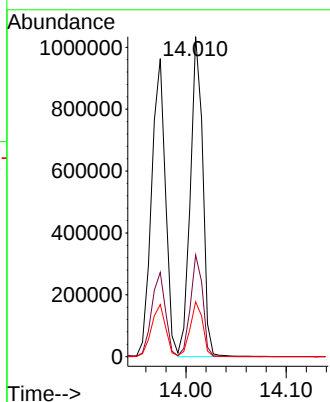
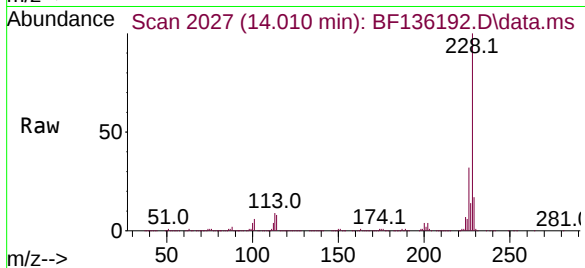
Tgt Ion:228 Resp: 883933

Ion Ratio Lower Upper

228 100

226 31.8 23.8 35.6

229 17.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.447 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

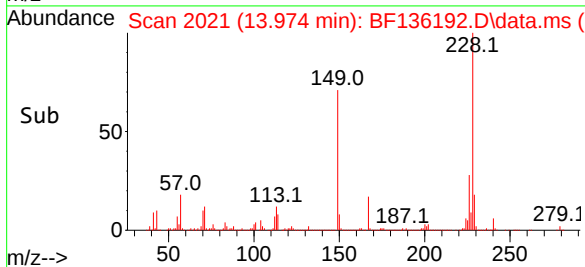
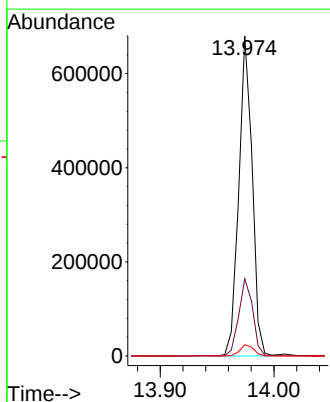
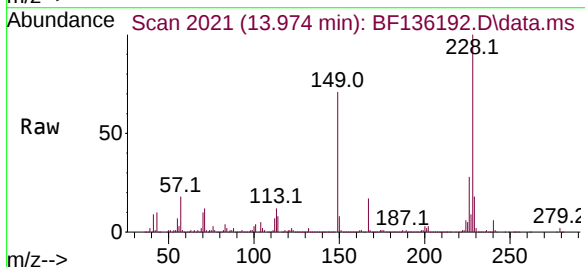
Tgt Ion:149 Resp: 556445

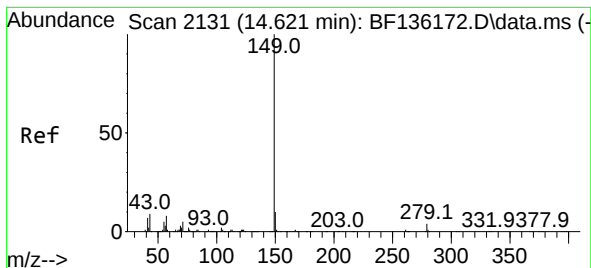
Ion Ratio Lower Upper

149 100

167 24.1 21.8 32.8

279 3.5 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 64.534 ng

RT: 14.592 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

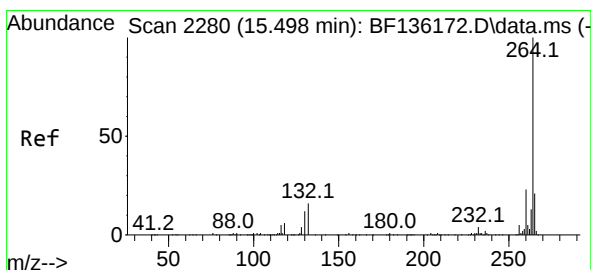
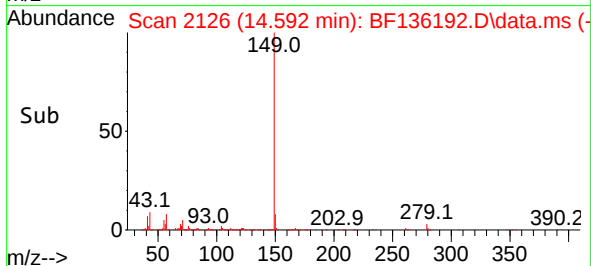
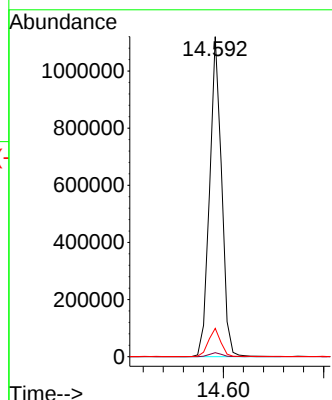
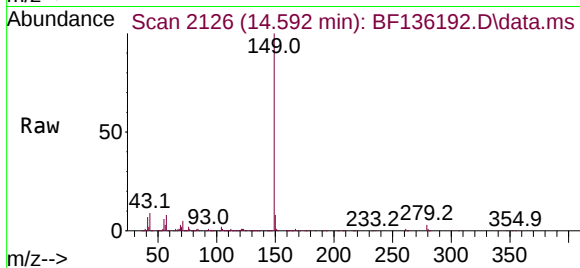
Tgt Ion:149 Resp: 932901

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 9.1 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

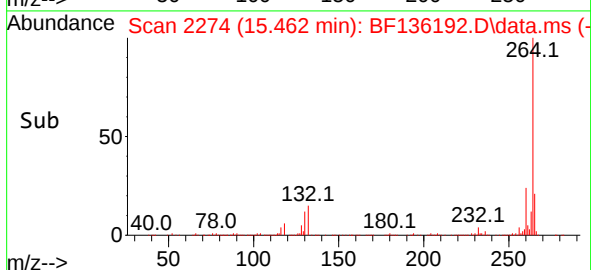
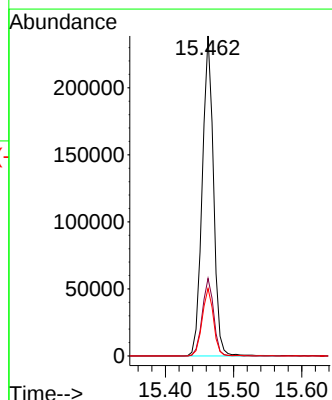
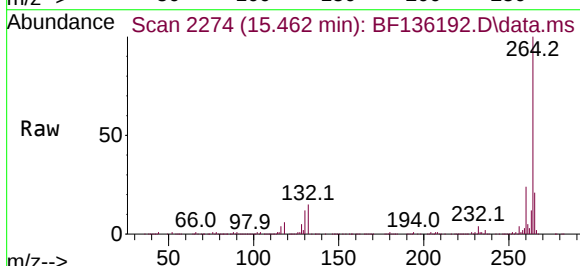
Tgt Ion:264 Resp: 273958

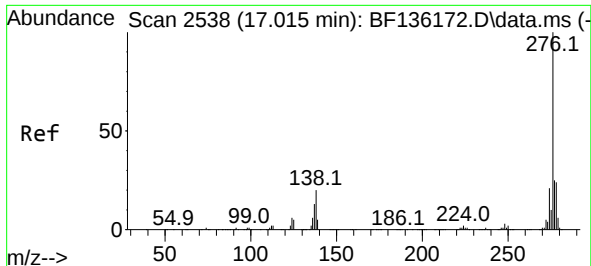
Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 21.1 16.9 25.3

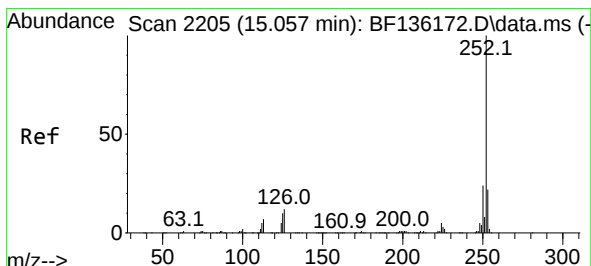
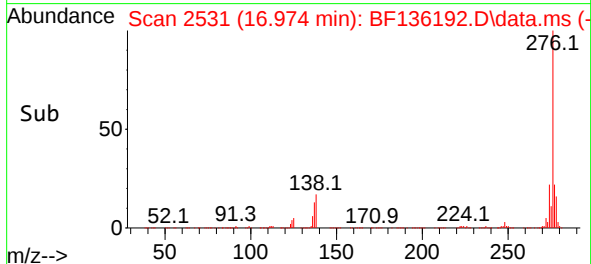
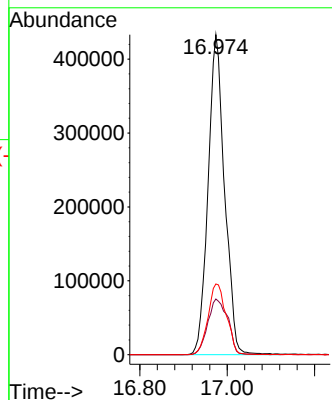
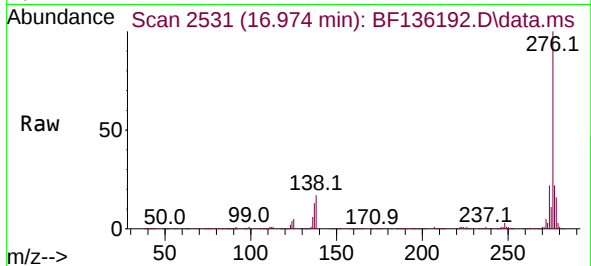




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.656 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

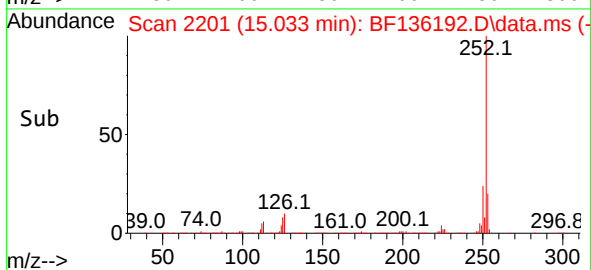
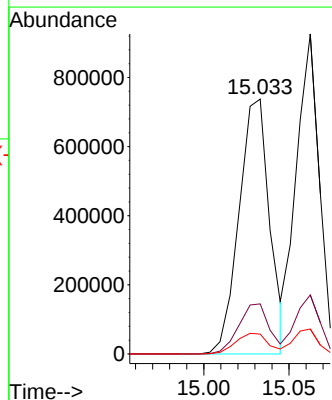
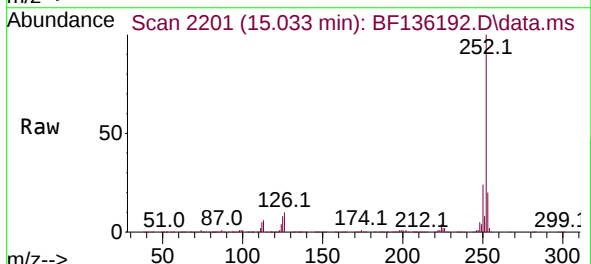
Instrument :
BNA_F
ClientSampleId :

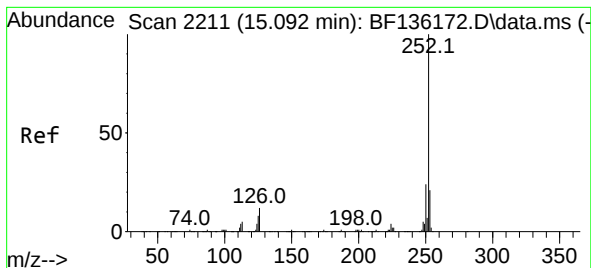
Tgt Ion:276 Resp: 1137243
Ion Ratio Lower Upper
276 100
138 21.1 17.7 26.5
277 24.4 20.6 31.0



#88
Benzo(b)fluoranthene
Concen: 60.975 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:252 Resp: 922267
Ion Ratio Lower Upper
252 100
253 19.7 17.6 26.4
125 7.8 7.8 11.8#





#89

Benzo(k)fluoranthene

Concen: 57.941 ng

RT: 15.062 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

Instrument :

BNA_F

ClientSampleId :

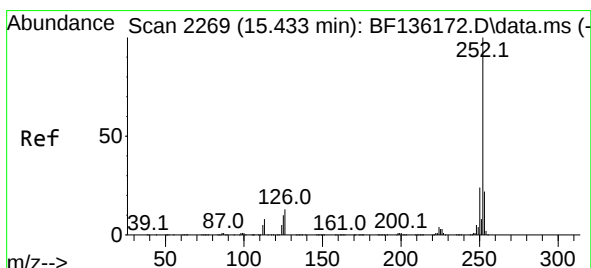
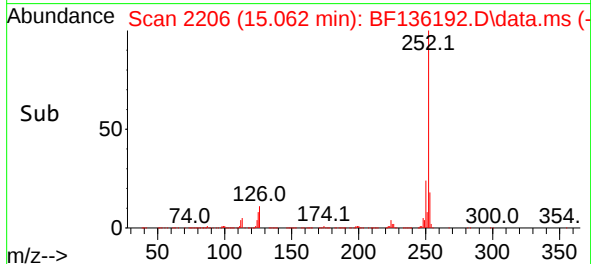
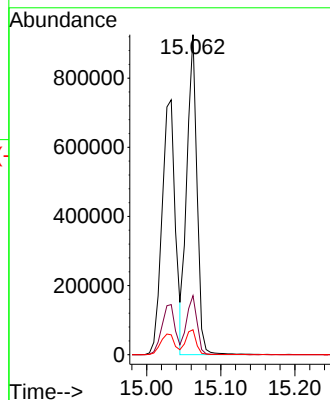
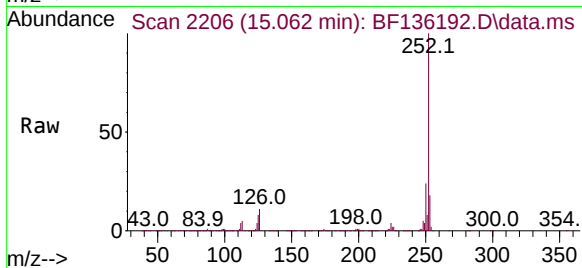
Tgt Ion:252 Resp: 882518

Ion Ratio Lower Upper

252 100

253 18.5 17.3 25.9

125 7.8 6.7 10.1



#90

Benzo(a)pyrene

Concen: 55.158 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF136192.D

Acq: 24 Nov 2023 21:53

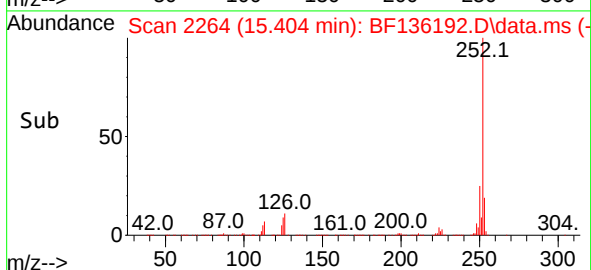
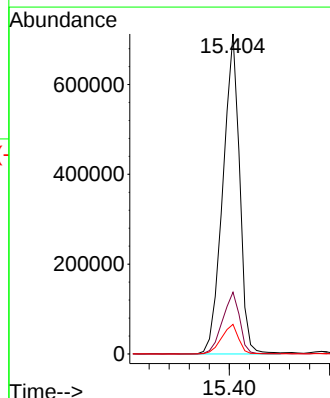
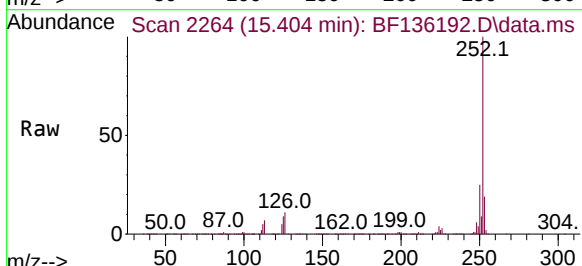
Tgt Ion:252 Resp: 822879

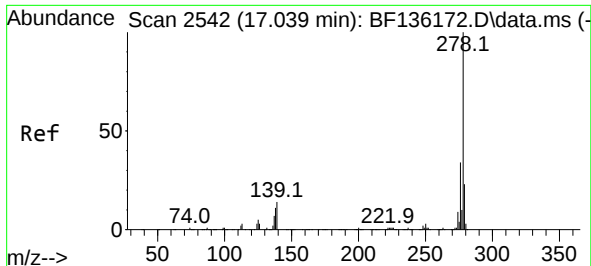
Ion Ratio Lower Upper

252 100

253 19.3 17.3 25.9

125 9.3 7.7 11.5

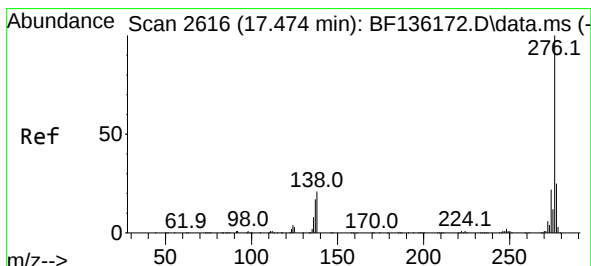
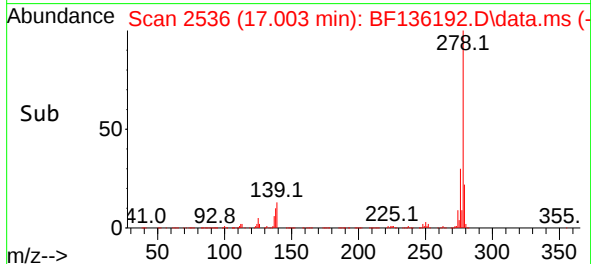
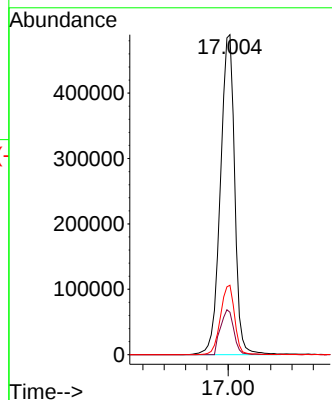
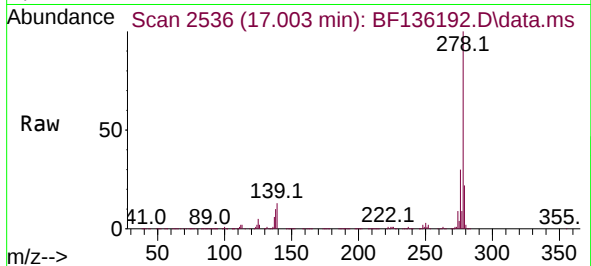




#91
Dibenzo(a,h)anthracene
Concen: 54.808 ng
RT: 17.003 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 911752
Ion Ratio Lower Upper
278 100
139 13.3 11.2 16.8
279 21.7 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 52.144 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF136192.D
Acq: 24 Nov 2023 21:53

Tgt Ion:276 Resp: 879463
Ion Ratio Lower Upper
276 100
277 21.3 19.8 29.6
138 17.3 16.4 24.6

