

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135628.D
 Acq On : 06 Oct 2023 14:39
 Operator : CG\JU
 Sample : 04714-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 15:33:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	144142	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	546080	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	280118	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	538606	20.000	ng	0.00
76) Chrysene-d12	13.933	240	294429	20.000	ng	0.00
86) Perylene-d12	15.398	264	299651	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1188380	134.093	ng	0.03
7) Phenol-d6	6.404	99	1453357	128.969	ng	0.02
23) Nitrobenzene-d5	7.310	82	991783	98.672	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	379868	136.462	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1621854	87.353	ng	0.00
79) Terphenyl-d14	12.868	244	1707194	89.885	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.651	88	196574	50.597	ng	# 80
3) Pyridine	3.387	79	409783	39.190	ng	99
4) n-Nitrosodimethylamine	3.316	42	308513	55.601	ng	95
6) Aniline	6.416	93	269461	18.235	ng	# 1
8) 2-Chlorophenol	6.534	128	519792	54.943	ng	99
9) Benzaldehyde	6.304	77	202109	31.482	ng	97
10) Phenol	6.416	94	564367	45.672	ng	99
11) bis(2-Chloroethyl)ether	6.487	93	571375	61.643	ng	98
12) 1,3-Dichlorobenzene	6.681	146	479207	49.841	ng	99
13) 1,4-Dichlorobenzene	6.757	146	480196	49.089	ng	99
14) 1,2-Dichlorobenzene	6.910	146	439116	48.338	ng	98
15) Benzyl Alcohol	6.898	79	425807	52.656	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	863551	49.427	ng	61
17) 2-Methylphenol	7.016	107	389848	46.696	ng	# 87
18) Hexachloroethane	7.239	117	178569	49.405	ng	90
19) n-Nitroso-di-n-propyla...	7.163	70	333928	47.840	ng	95
20) 3+4-Methylphenols	7.169	107	497758	49.583	ng	# 69
22) Acetophenone	7.157	105	671026	53.747	ng	# 90
24) Nitrobenzene	7.328	77	532583	53.609	ng	98
25) Isophorone	7.569	82	982845	53.251	ng	99
26) 2-Nitrophenol	7.645	139	270827	56.800	ng	95
27) 2,4-Dimethylphenol	7.686	122	395718	49.375	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	612271	55.424	ng	100
29) 2,4-Dichlorophenol	7.892	162	415922	56.005	ng	96
30) 1,2,4-Trichlorobenzene	7.963	180	409679	52.778	ng	99
31) Naphthalene	8.039	128	1372951	51.746	ng	99
32) Benzoic acid	7.857	122	341518	56.589	ng	97
33) 4-Chloroaniline	8.116	127	74712	6.418	ng	99
34) Hexachlorobutadiene	8.151	225	230059	49.152	ng	99
35) Caprolactam	8.492	113	79579	31.928	ng	96
36) 4-Chloro-3-methylphenol	8.604	107	457566	55.436	ng	100
37) 2-Methylnaphthalene	8.733	142	883535	49.539	ng	97
38) 1-Methylnaphthalene	8.833	142	843627	50.523	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	418380	51.555	ng	99
41) Hexachlorocyclopentadiene	8.880	237	212322	61.281	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	285036	53.645	ng	100

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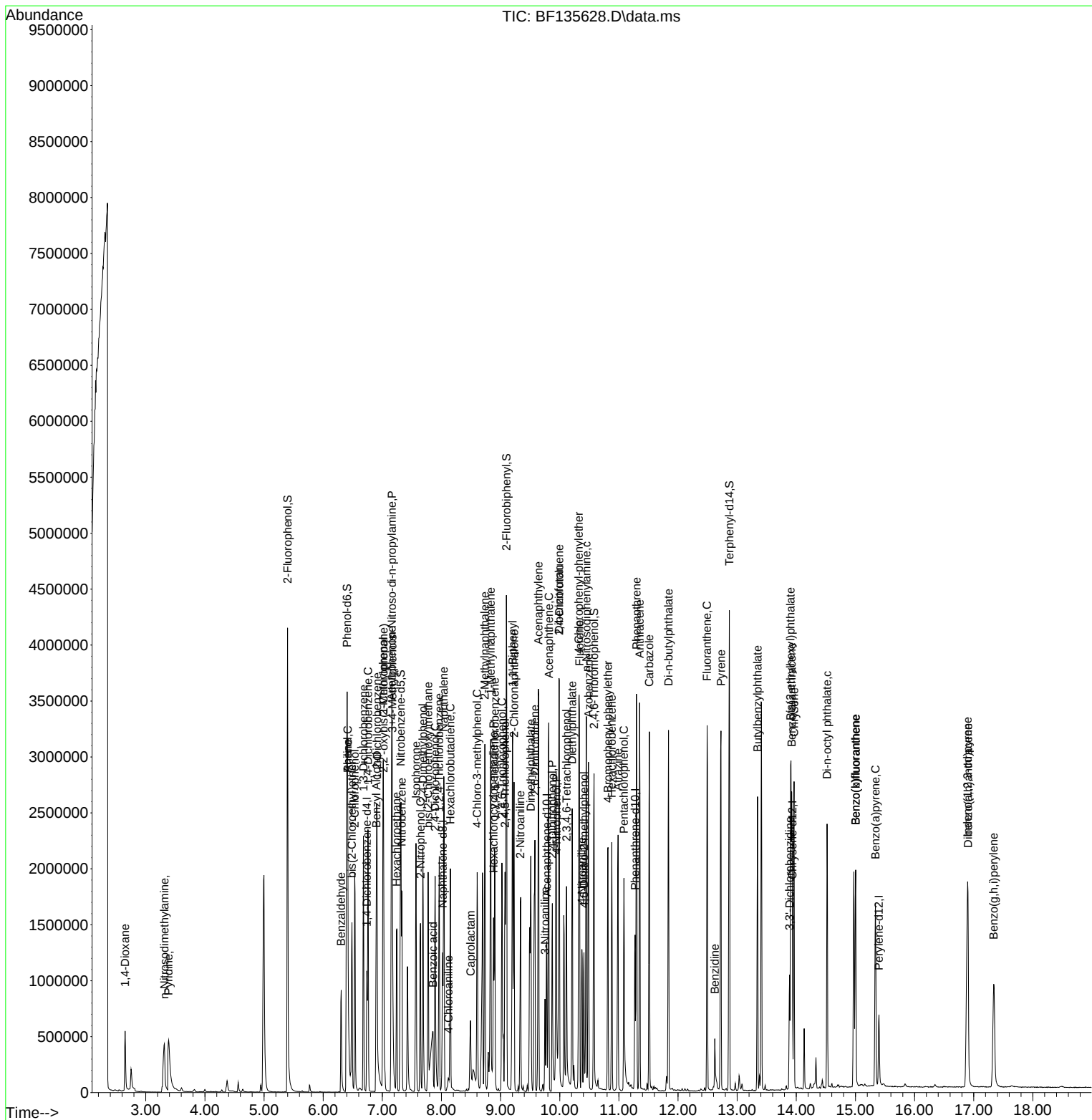
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	299788	48.993	ng	99
46) 1,1'-Biphenyl	9.204	154	1119101	51.987	ng	99
47) 2-Chloronaphthalene	9.227	162	840080	53.786	ng	98
48) 2-Nitroaniline	9.333	65	342322	56.416	ng	96
49) Acenaphthylene	9.639	152	1337617	51.531	ng	100
50) Dimethylphthalate	9.510	163	1015612	53.626	ng	99
51) 2,6-Dinitrotoluene	9.580	165	220604	53.172	ng	98
52) Acenaphthene	9.816	154	796139	51.919	ng	98
53) 3-Nitroaniline	9.751	138	125417	25.753	ng	96
54) 2,4-Dinitrophenol	9.875	184	239823	100.119	ng	95
55) Dibenzofuran	9.986	168	1121885	47.944	ng	96
56) 4-Nitrophenol	9.945	139	254938	82.366	ng	92
57) 2,4-Dinitrotoluene	9.992	165	262035	50.449	ng	# 84
58) Fluorene	10.333	166	918161	51.041	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	248785	52.855	ng	99
60) Diethylphthalate	10.210	149	999206	52.571	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	425749	49.269	ng	97
62) 4-Nitroaniline	10.374	138	234624	50.119	ng	99
63) Azobenzene	10.486	77	1004497	54.000	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	155656	54.412	ng	90
66) n-Nitrosodiphenylamine	10.451	169	853050	52.315	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	271815	50.742	ng	98
68) Hexachlorobenzene	10.880	284	292087	53.521	ng	# 91
69) Atrazine	10.986	200	268721	61.247	ng	98
70) Pentachlorophenol	11.086	266	284228	87.049	ng	99
71) Phenanthrene	11.298	178	1341999	52.682	ng	99
72) Anthracene	11.351	178	1368524	52.265	ng	100
73) Carbazole	11.516	167	1297382	54.429	ng	99
74) Di-n-butylphthalate	11.839	149	1570428	55.913	ng	99
75) Fluoranthene	12.492	202	1416929	53.382	ng	98
77) Benzidine	12.621	184	202030	33.493	ng	99
78) Pyrene	12.727	202	1437989	51.298	ng	99
80) Butylbenzylphthalate	13.345	149	591489	59.931	ng	95
81) Benzo(a)anthracene	13.921	228	1048154	55.131	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	213618	35.972	ng	98
83) Chrysene	13.962	228	972894	51.469	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	753512	74.400	ng	# 99
85) Di-n-octyl phthalate	14.521	149	1130188	70.219	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1018151	51.822	ng	98
88) Benzo(b)fluoranthene	15.004	252	841043	51.848	ng	98
89) Benzo(k)fluoranthene	15.004	252	841043	52.488	ng	99
90) Benzo(a)pyrene	15.339	252	792743	51.247	ng	100
91) Dibenzo(a,h)anthracene	16.903	278	820687	51.052	ng	99
92) Benzo(g,h,i)perylene	17.339	276	855547	50.959	ng	97

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

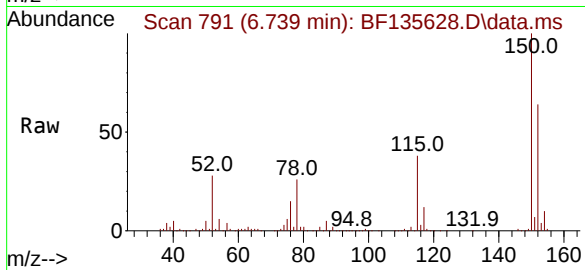
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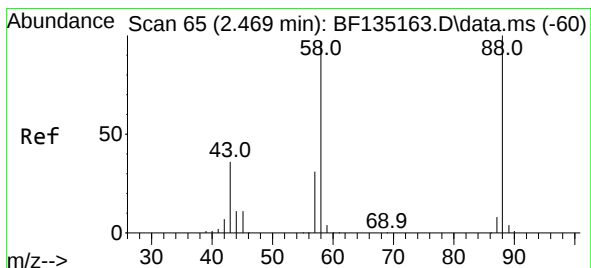
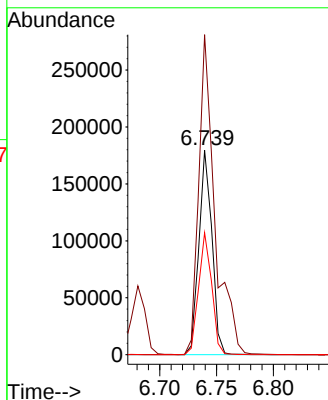
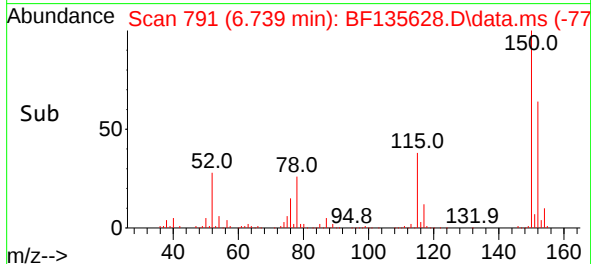


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135628.D
 Acq: 06 Oct 2023 14:39

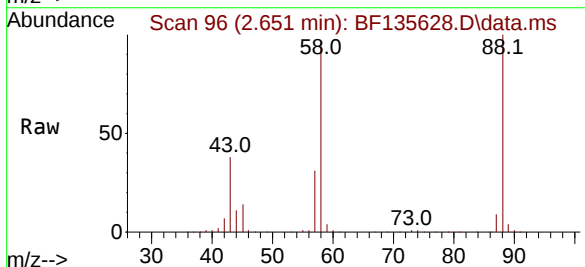
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 BNA_F
 ClientSampleId :



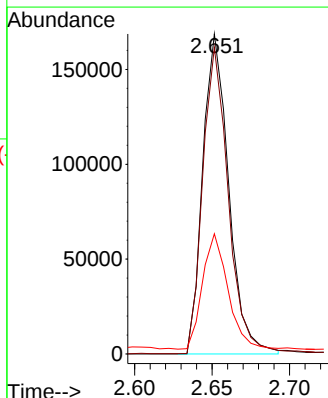
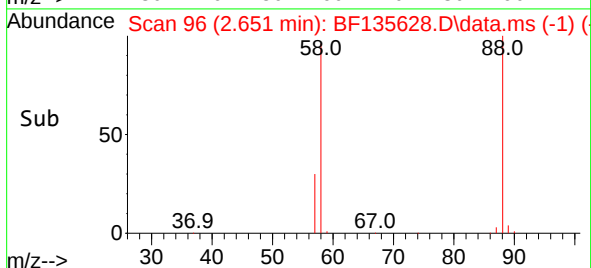
Tgt Ion:152 Resp: 144142
 Ion Ratio Lower Upper
 152 100
 150 156.5 127.8 191.6
 115 59.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 50.597 ng
 RT: 2.651 min Scan# 96
 Delta R.T. 0.229 min
 Lab File: BF135628.D
 Acq: 06 Oct 2023 14:39



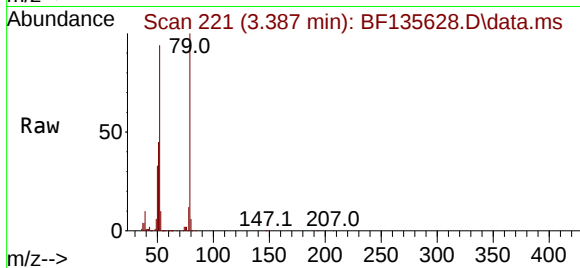
Tgt Ion: 88 Resp: 196574
 Ion Ratio Lower Upper
 88 100
 58 94.3 78.3 117.5
 43 0.0 29.4 44.0#



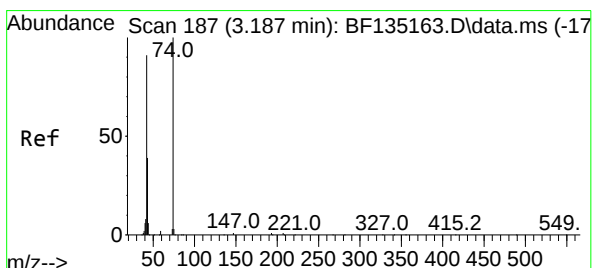
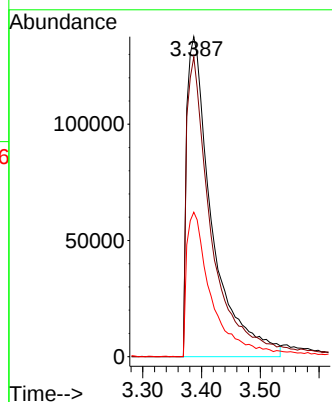
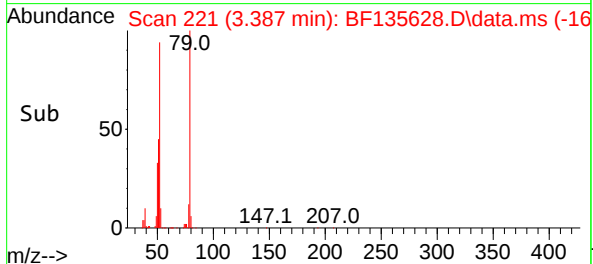


#3
 Pyridine
 Concen: 39.190 ng
 RT: 3.387 min Scan# 21
 Delta R.T. 0.224 min
 Lab File: BF135628.D
 Acq: 06 Oct 2023 14:39

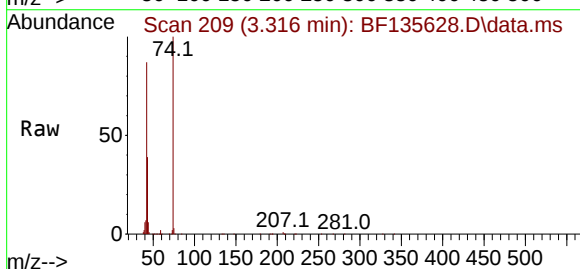
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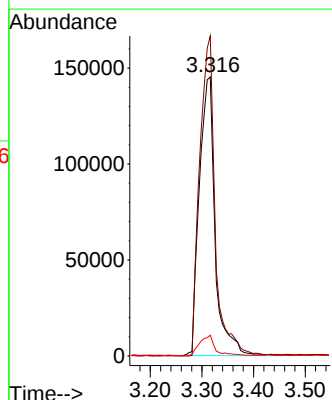
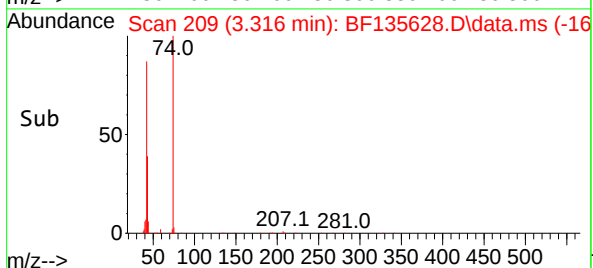
Tgt Ion: 79 Resp: 409783
 Ion Ratio Lower Upper
 79 100
 52 93.7 74.1 111.1
 51 45.1 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 55.601 ng
 RT: 3.316 min Scan# 209
 Delta R.T. 0.182 min
 Lab File: BF135628.D
 Acq: 06 Oct 2023 14:39



Tgt Ion: 42 Resp: 308513
 Ion Ratio Lower Upper
 42 100
 74 114.7 87.7 131.5
 44 7.4 5.6 8.4

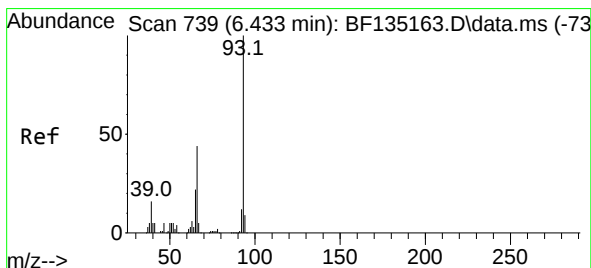
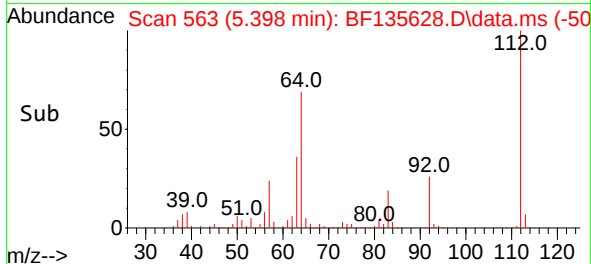
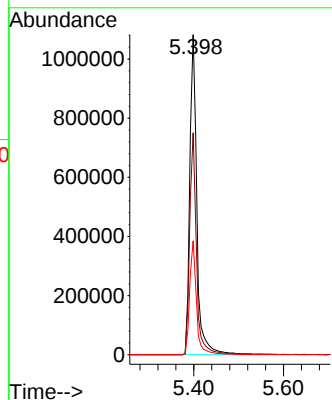
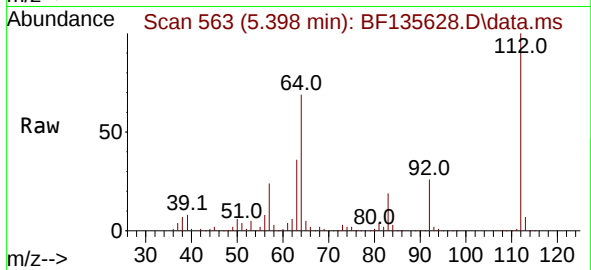




#5
2-Fluorophenol
Concen: 134.093 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

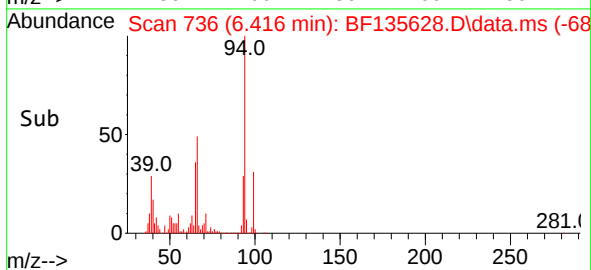
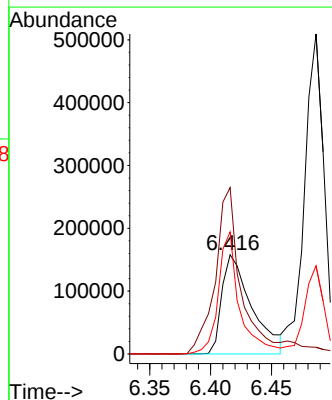
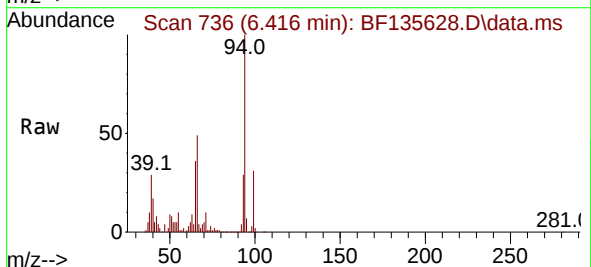
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1188380
Ion Ratio Lower Upper
112 100
64 69.4 55.9 83.9
63 35.6 29.0 43.6



#6
Aniline
Concen: 18.235 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion: 93 Resp: 269461
Ion Ratio Lower Upper
93 100
66 167.6 35.4 53.0#
65 122.9 17.8 26.8#

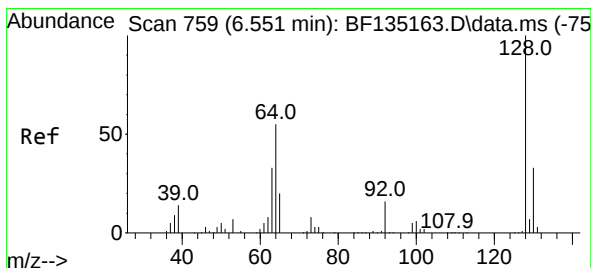
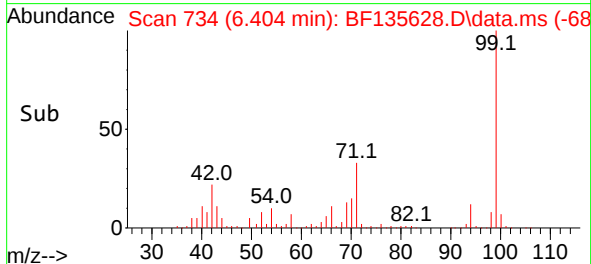
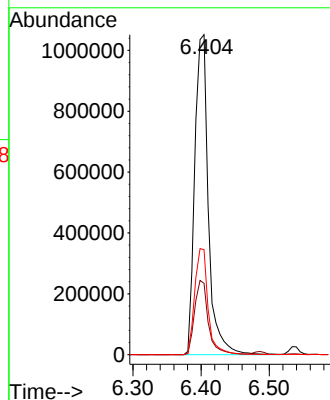
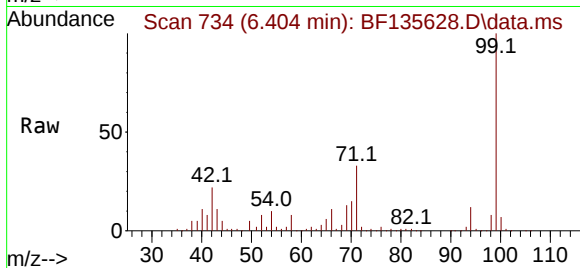




#7
Phenol-d6
Concen: 128.969 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

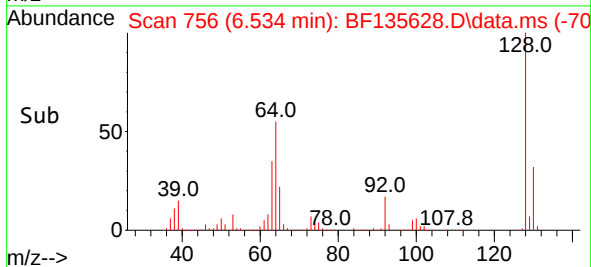
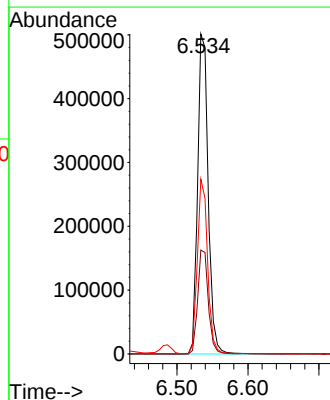
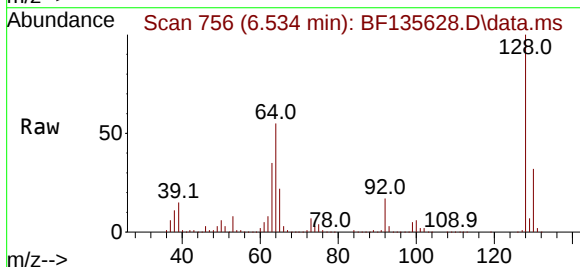
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1453357
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 32.8 27.0 40.6



#8
2-Chlorophenol
Concen: 54.943 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:128 Resp: 519792
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 54.6 35.9 75.9





#9

Benzaldehyde

Concen: 31.482 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

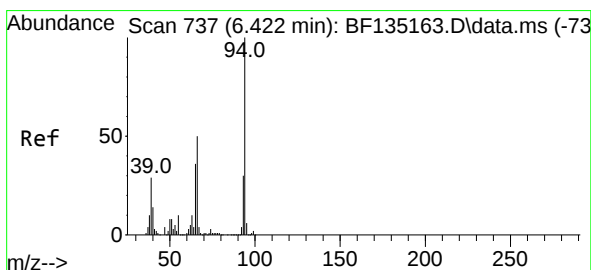
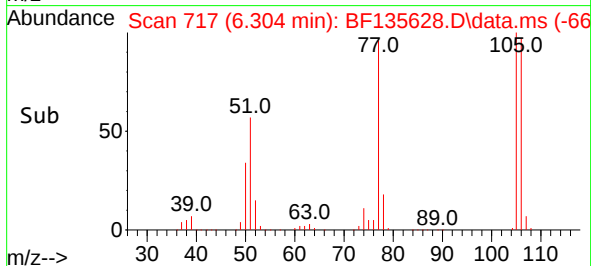
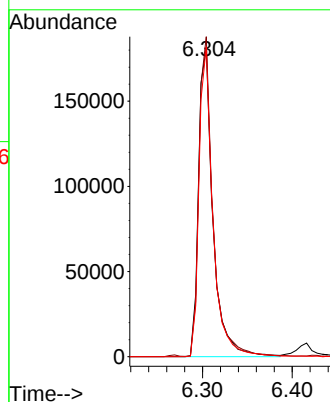
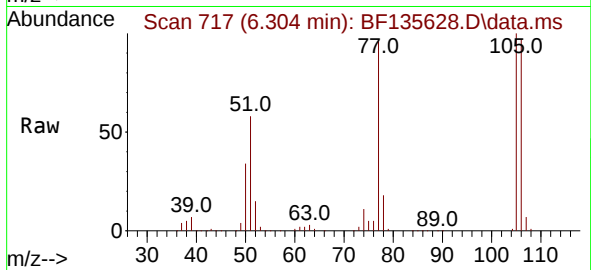
Tgt Ion: 77 Resp: 202109

Ion Ratio Lower Upper

77 100

105 103.6 81.4 121.4

106 100.4 76.9 116.9



#10

Phenol

Concen: 45.672 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

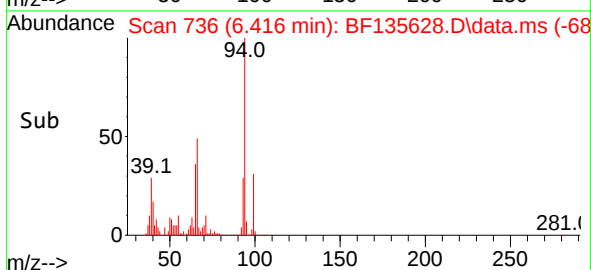
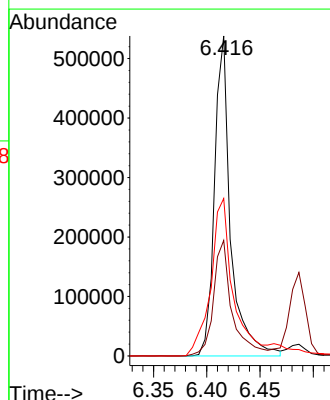
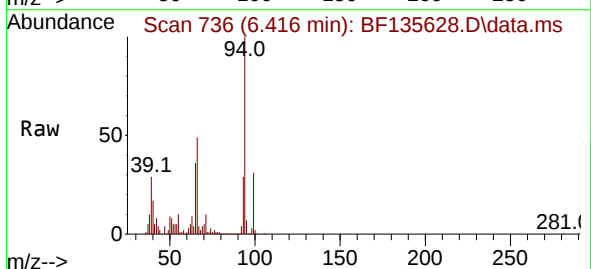
Tgt Ion: 94 Resp: 564367

Ion Ratio Lower Upper

94 100

65 36.1 15.9 55.9

66 49.2 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 61.643 ng

RT: 6.487 min Scan# 748

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

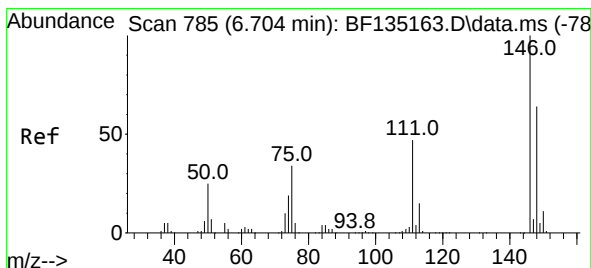
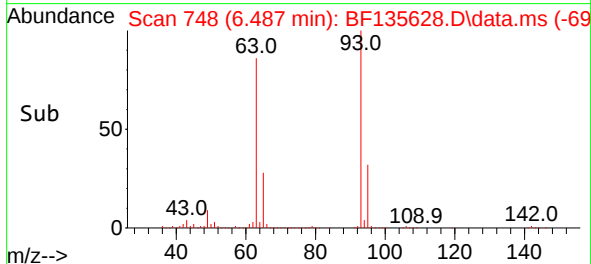
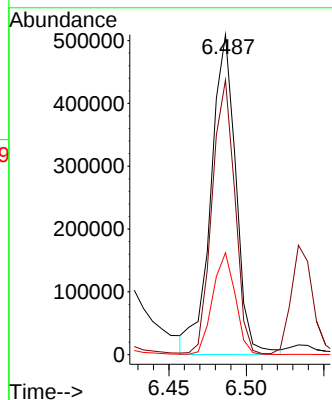
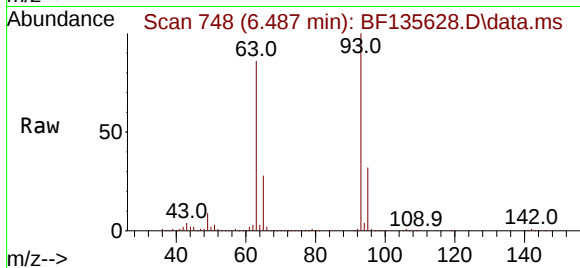
Tgt Ion: 93 Resp: 571375

Ion Ratio Lower Upper

93 100

63 85.9 67.3 107.3

95 31.8 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 49.841 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

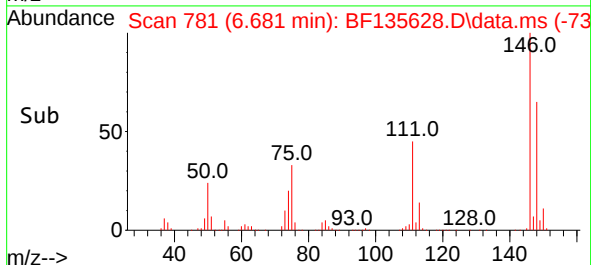
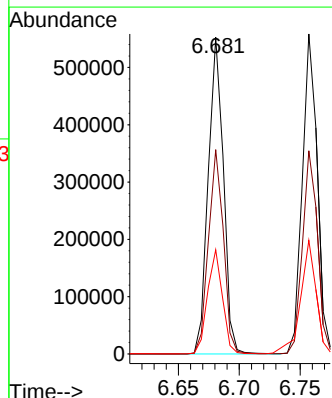
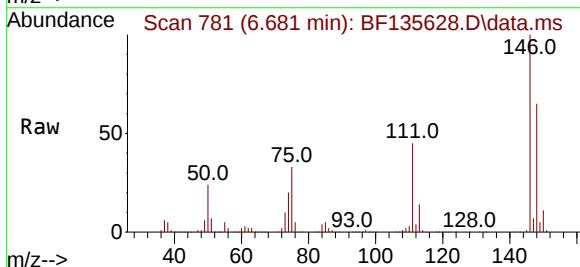
Tgt Ion:146 Resp: 479207

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

75 32.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 49.089 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

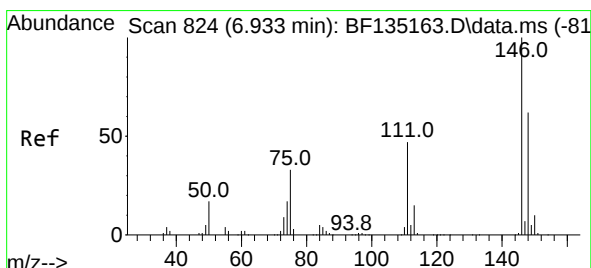
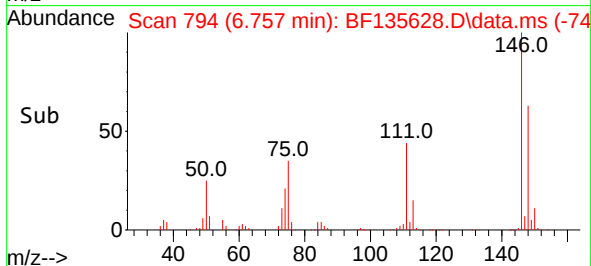
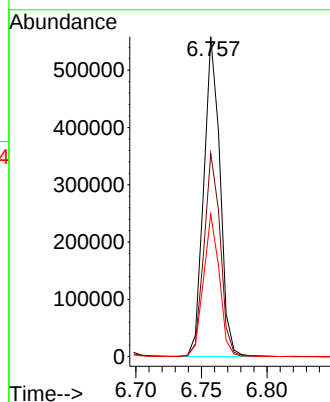
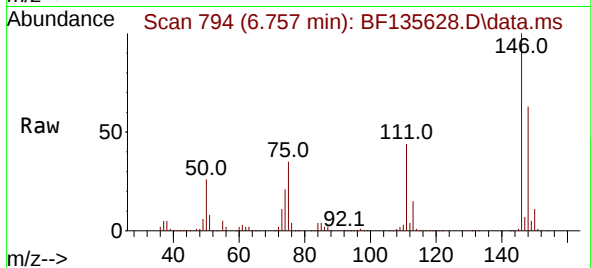
Tgt Ion:146 Resp: 480196

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

111 44.5 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 48.338 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

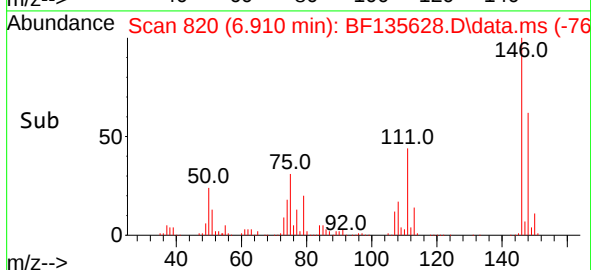
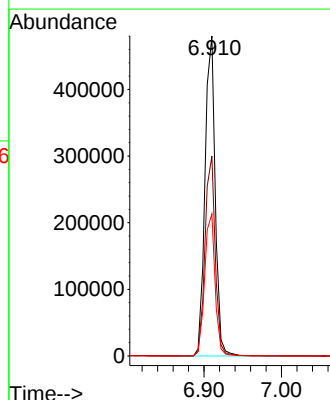
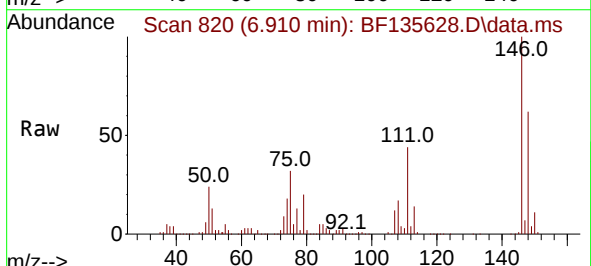
Tgt Ion:146 Resp: 439116

Ion Ratio Lower Upper

146 100

148 62.4 49.7 74.5

111 44.4 37.4 56.2

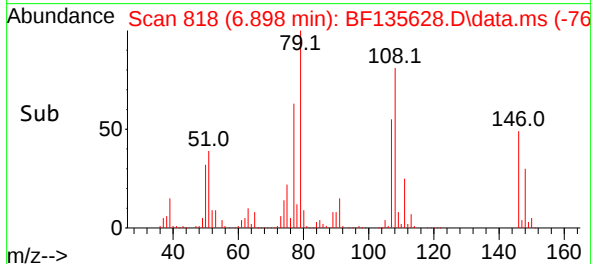
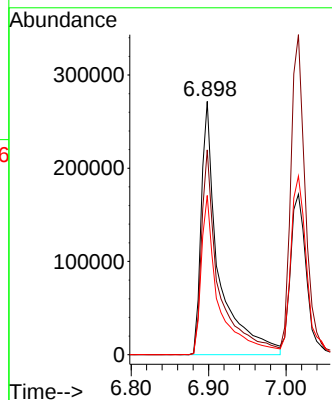
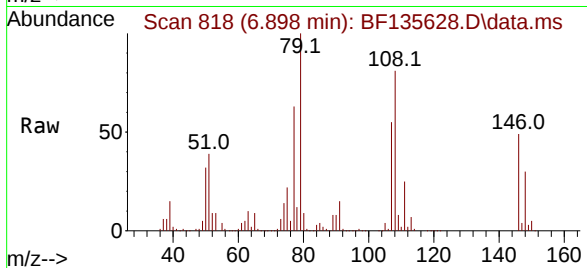




#15
Benzyl Alcohol
Concen: 52.656 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.012 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

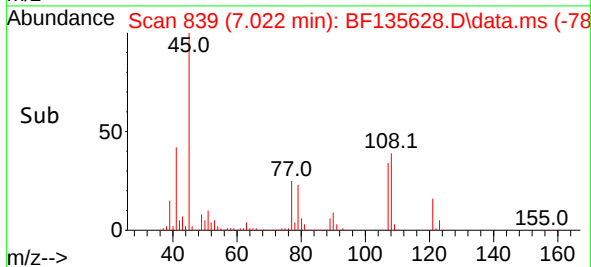
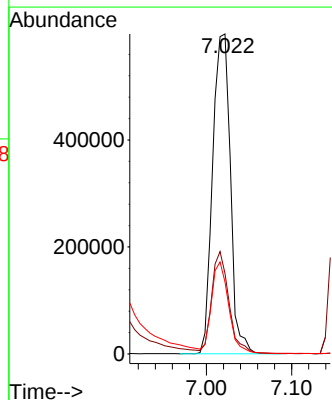
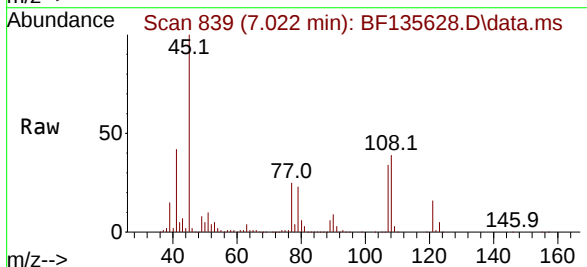
Instrument :
BNA_F
ClientSampleId :

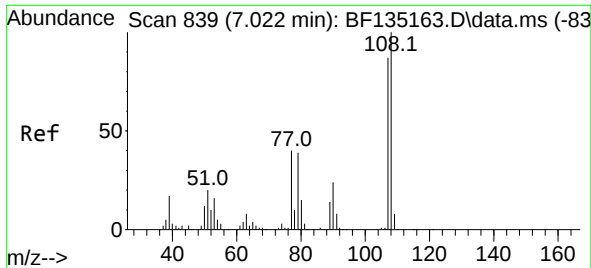
Tgt Ion: 79 Resp: 425807
Ion Ratio Lower Upper
79 100
108 80.8 61.2 91.8
77 62.8 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.427 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

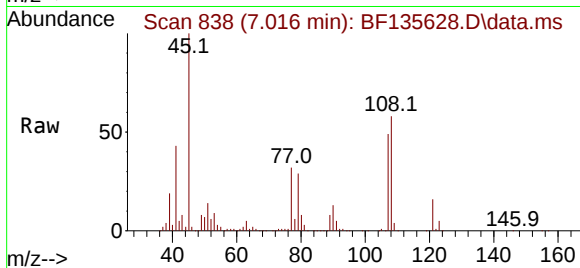
Tgt Ion: 45 Resp: 863551
Ion Ratio Lower Upper
45 100
77 25.1 0.0 30.6
79 22.5 0.0 28.3



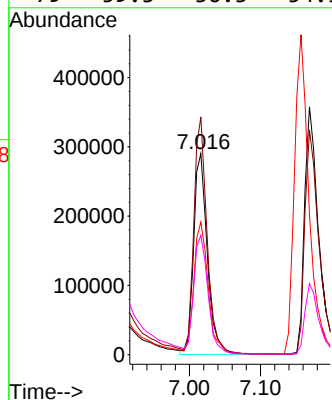
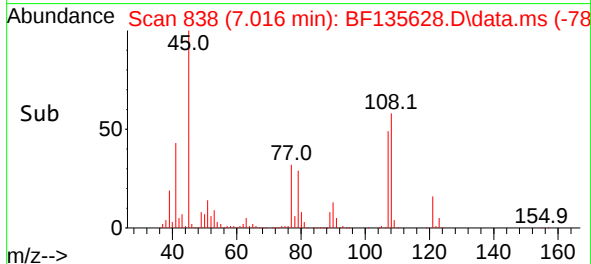


#17
2-Methylphenol
Concen: 46.696 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Instrument :
BNA_F
ClientSampleId :

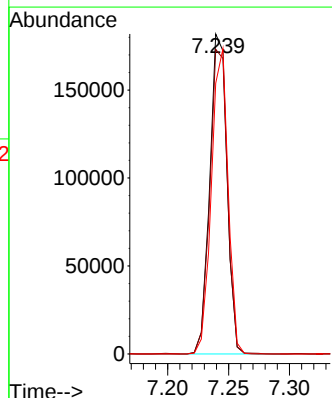
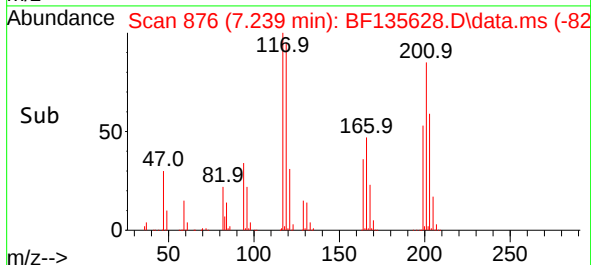
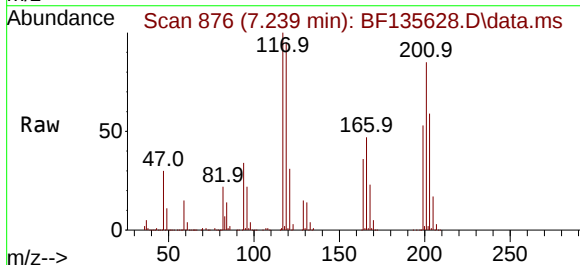


Tgt Ion:107 Resp: 389848
Ion Ratio Lower Upper
107 100
108 118.2 92.0 138.0
77 66.0 36.7 55.1#
79 59.3 36.3 54.5#



#18
Hexachloroethane
Concen: 49.405 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:117 Resp: 178569
Ion Ratio Lower Upper
117 100
119 95.2 74.7 112.1
201 84.6 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.840 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.006 min

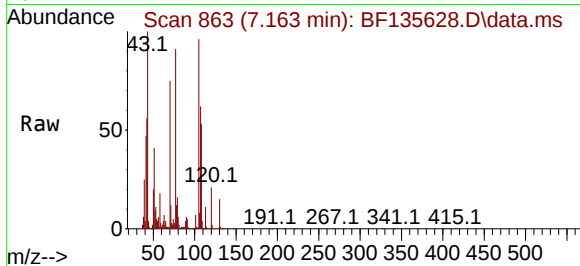
Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 333928

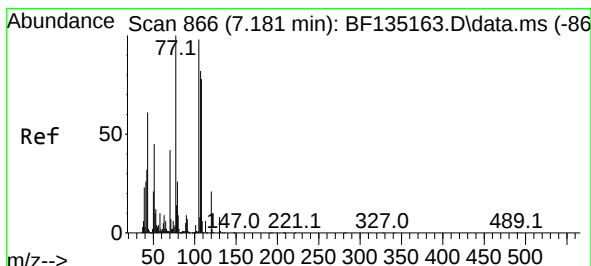
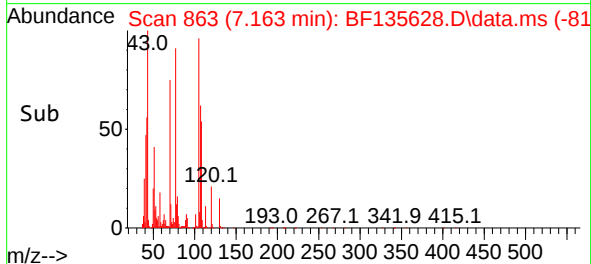
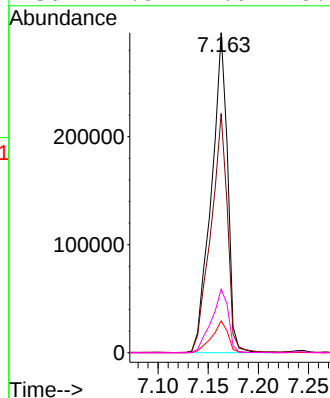
Ion Ratio Lower Upper

70 100

42 74.7 55.4 83.0

101 9.9 7.7 11.5

130 19.8 17.0 25.6



#20

3+4-Methylphenols

Concen: 49.583 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Tgt Ion: 107 Resp: 497758

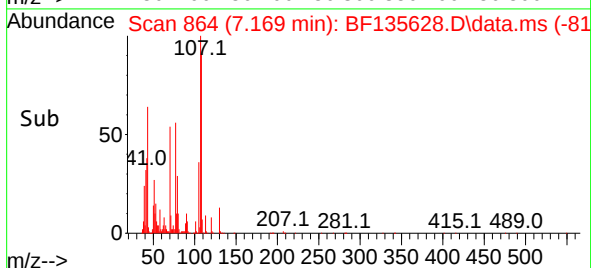
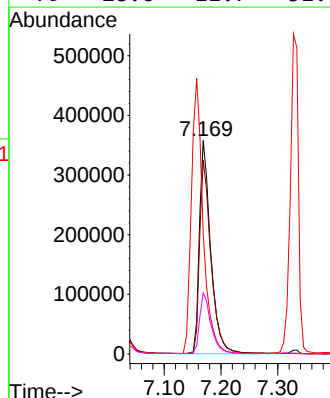
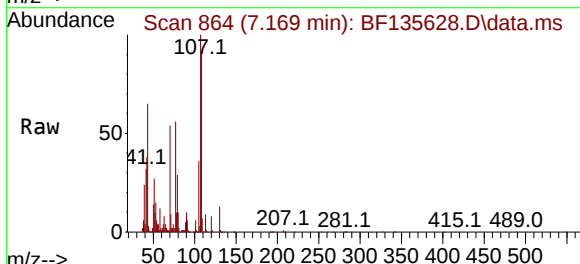
Ion Ratio Lower Upper

107 100

108 90.7 74.7 114.7

77 56.2 102.0 142.0#

79 28.6 11.7 51.7

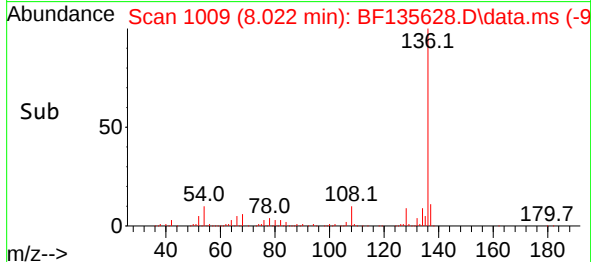
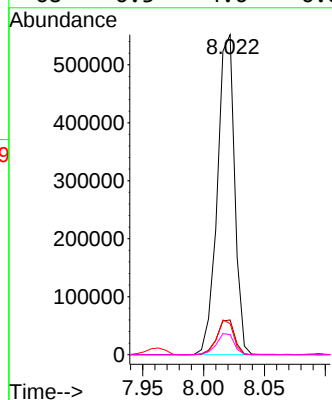
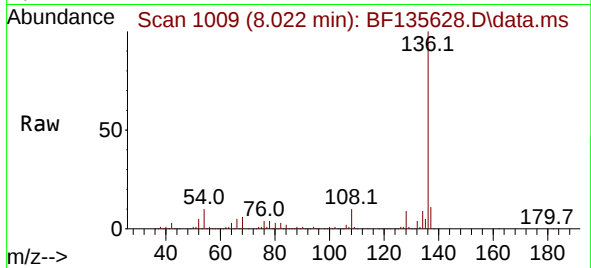




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

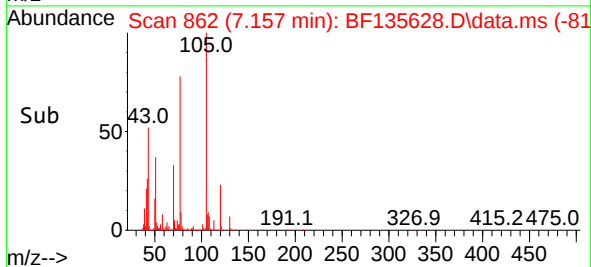
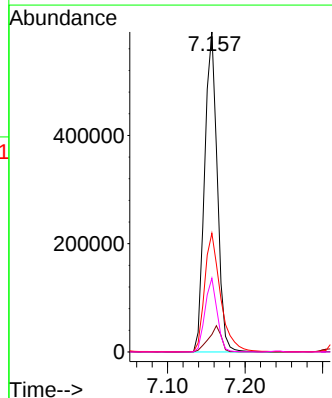
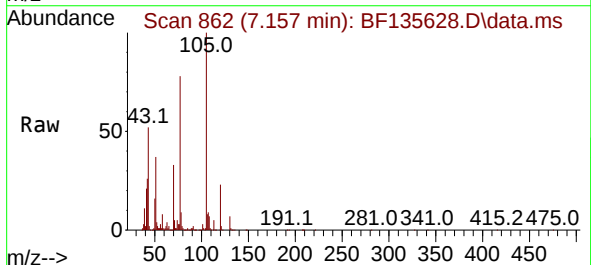
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 546080
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.7 7.7 11.5
68 6.3 4.6 6.8



#22
Acetophenone
Concen: 53.747 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:105 Resp: 671026
Ion Ratio Lower Upper
105 100
71 5.4 5.8 8.6#
51 37.1 37.0 55.4
120 23.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 98.672 ng

RT: 7.310 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

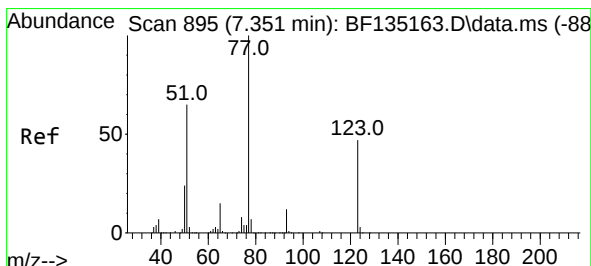
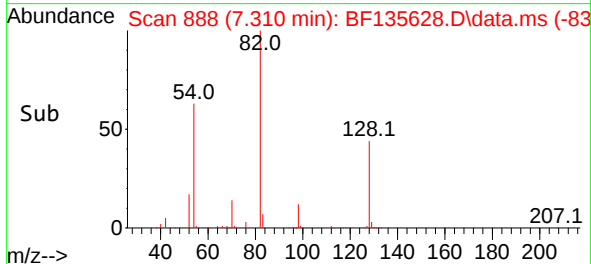
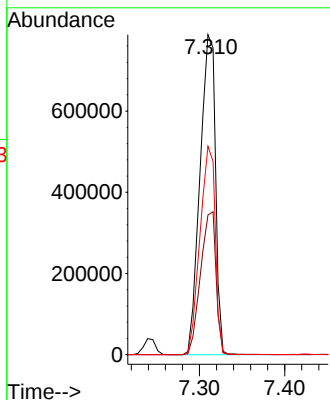
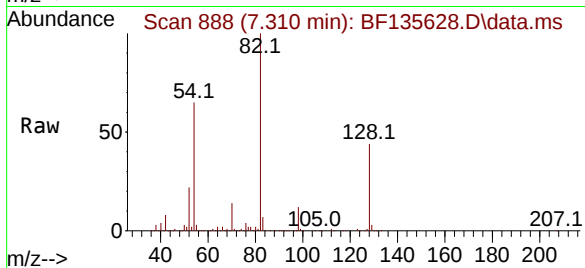
Tgt Ion: 82 Resp: 991783

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

54 65.1 50.6 76.0



#24

Nitrobenzene

Concen: 53.609 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

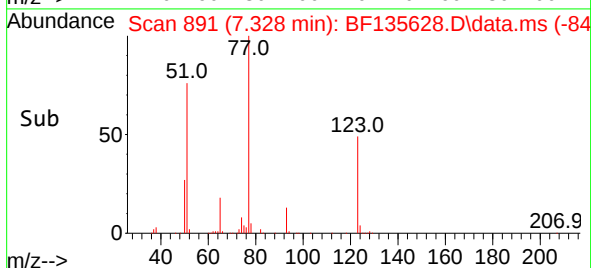
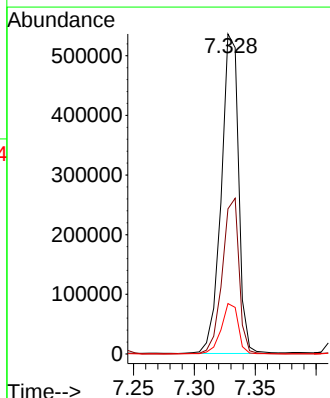
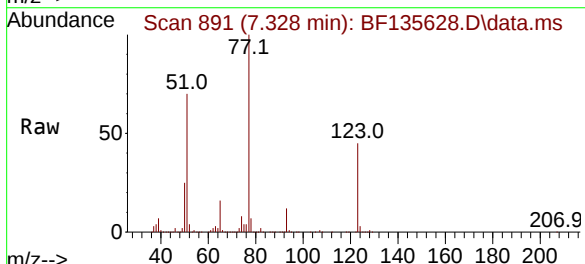
Tgt Ion: 77 Resp: 532583

Ion Ratio Lower Upper

77 100

123 45.4 37.6 56.4

65 15.8 12.2 18.4

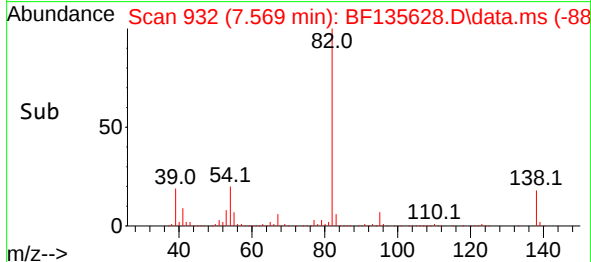
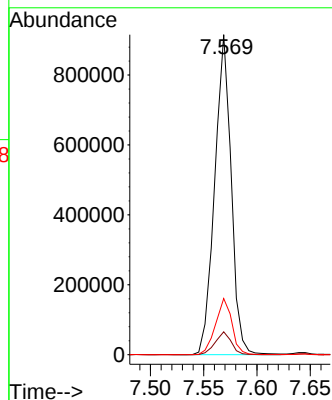
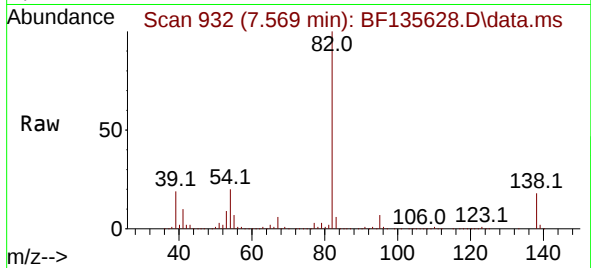




#25
Isophorone
Concen: 53.251 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

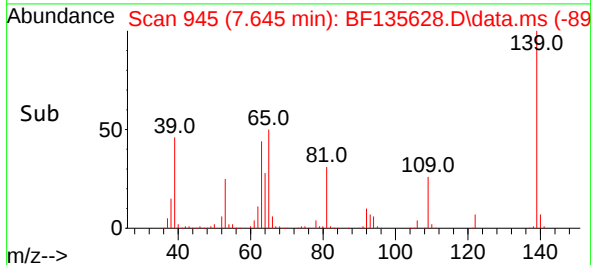
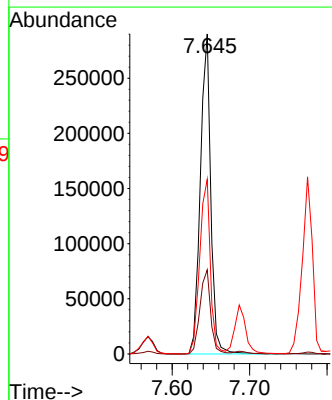
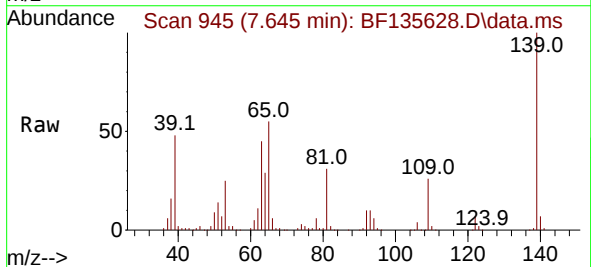
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 982845
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 56.800 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:139 Resp: 270827
Ion Ratio Lower Upper
139 100
109 26.3 22.6 33.8
65 54.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.375 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

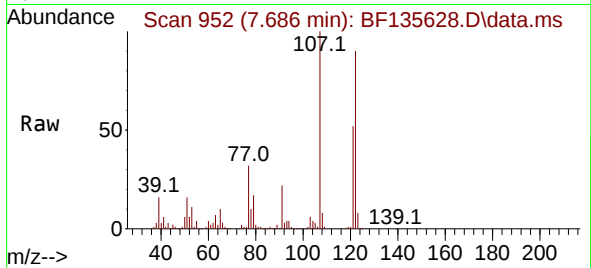
Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :



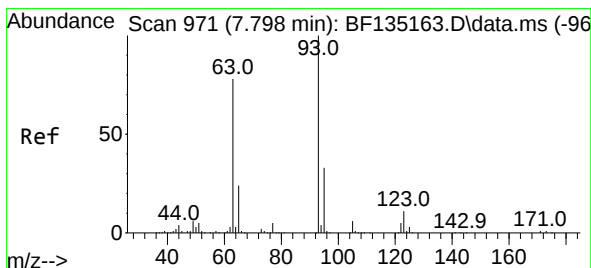
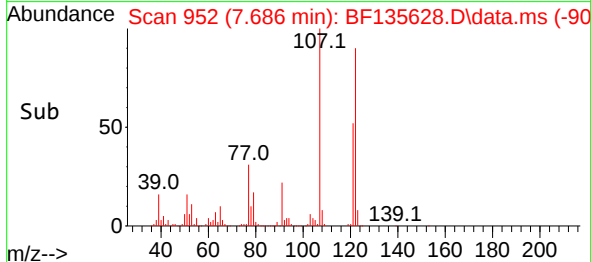
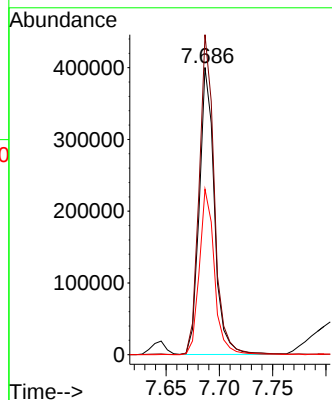
Tgt Ion:122 Resp: 395718

Ion Ratio Lower Upper

122 100

107 111.4 90.2 135.4

121 57.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 55.424 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

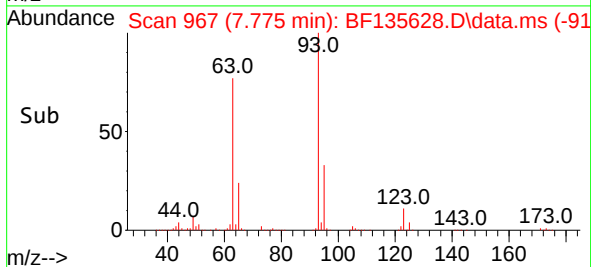
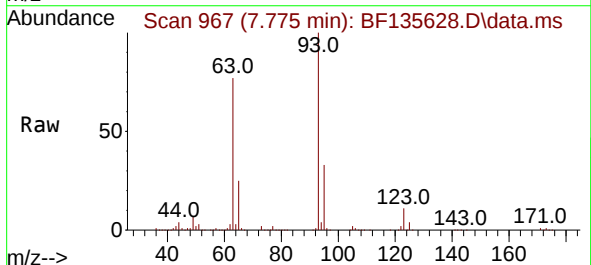
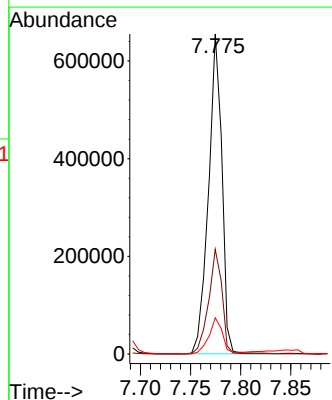
Tgt Ion: 93 Resp: 612271

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

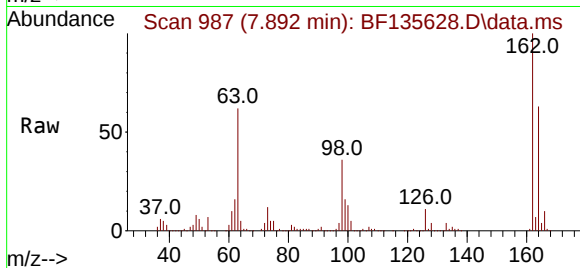
123 11.3 8.8 13.2





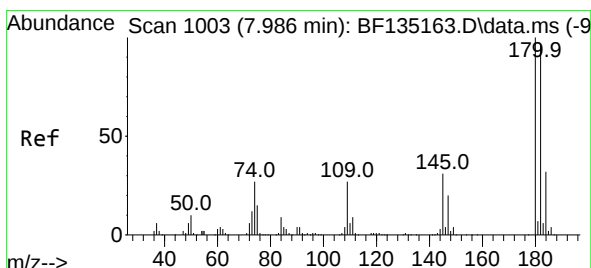
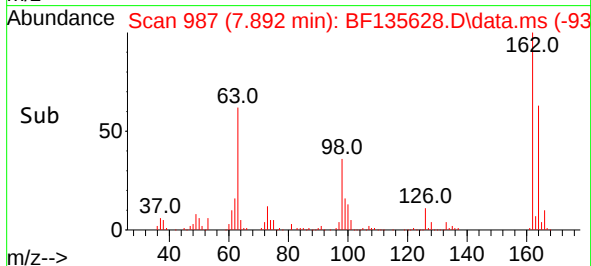
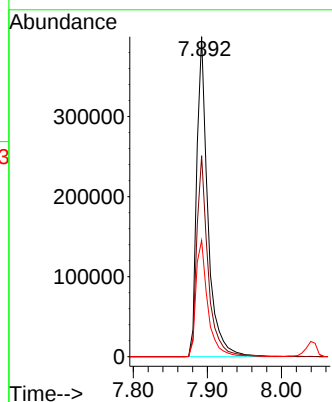
#29
2,4-Dichlorophenol
Concen: 56.005 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:162 Resp: 415922

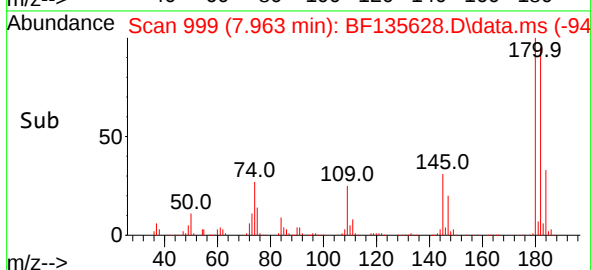
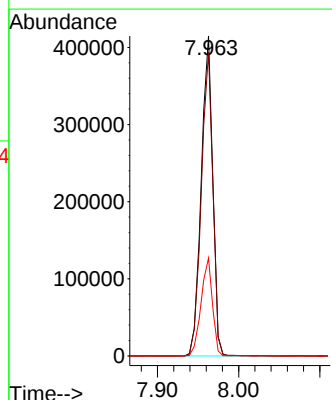
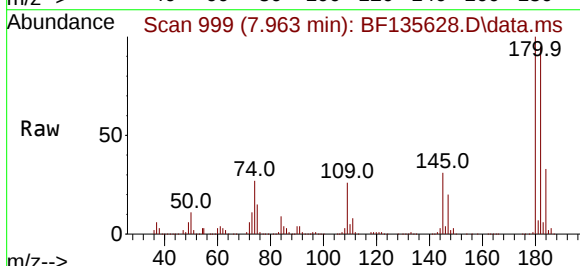
Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.1	84.1
98	36.3	20.3	60.3

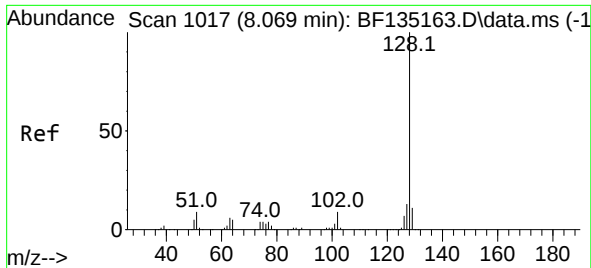


#30
1,2,4-Trichlorobenzene
Concen: 52.778 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:180 Resp: 409679

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	30.6	24.5	36.7

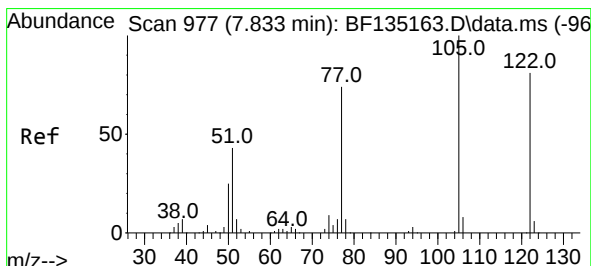
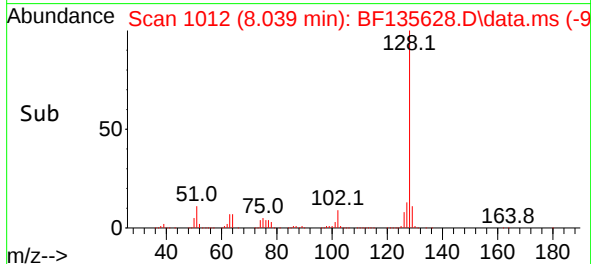
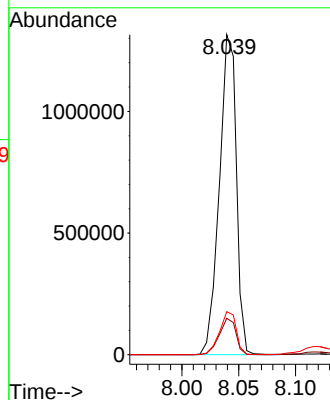
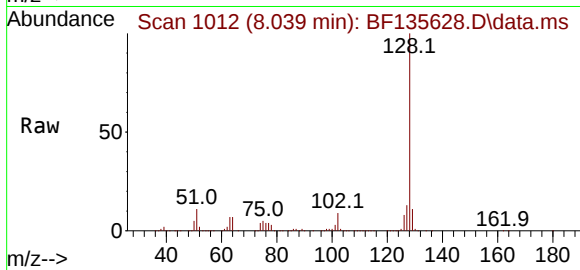




#31
Naphthalene
Concen: 51.746 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

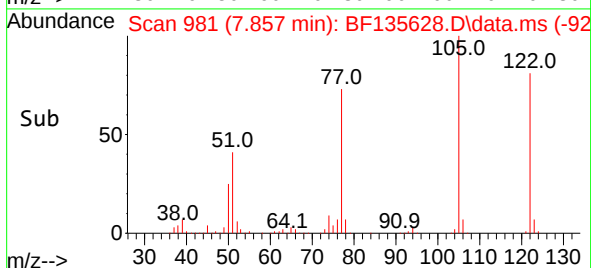
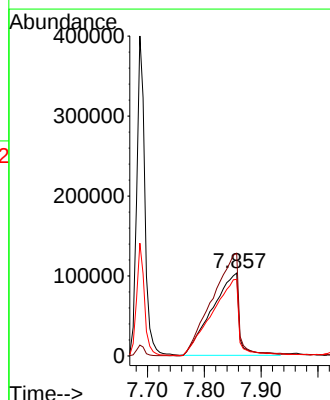
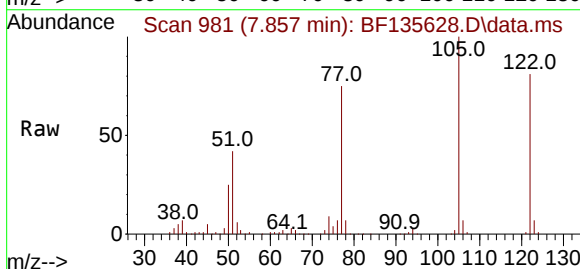
Instrument :
BNA_F
ClientSampleId :

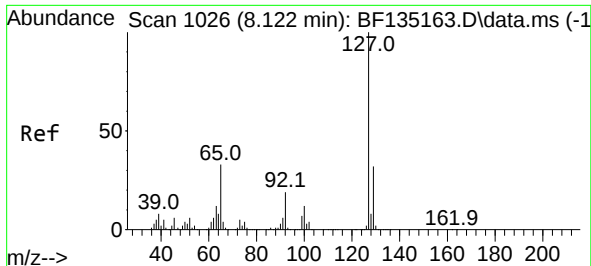
Tgt Ion:128 Resp: 1372951
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 56.589 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.035 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:122 Resp: 341518
Ion Ratio Lower Upper
122 100
105 124.1 99.9 139.9
77 92.4 70.0 110.0



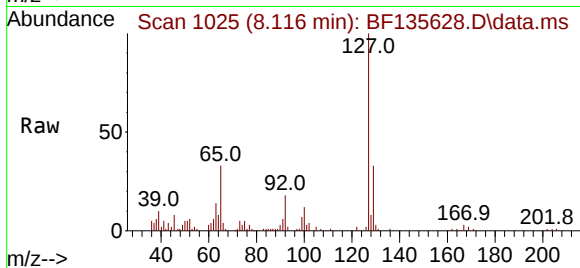


#33
4-Chloroaniline
Concen: 6.418 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.018 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

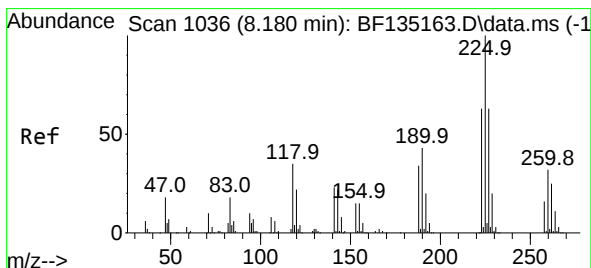
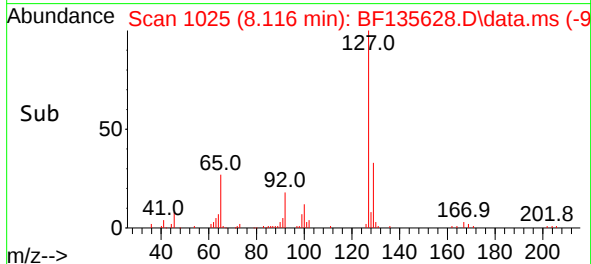
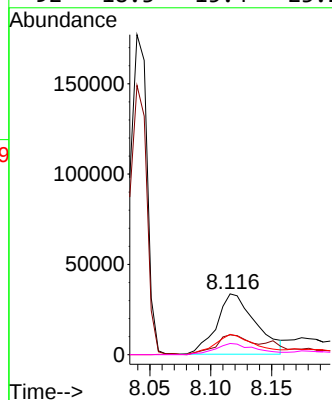
Instrument :

BNA_F

ClientSampleId :

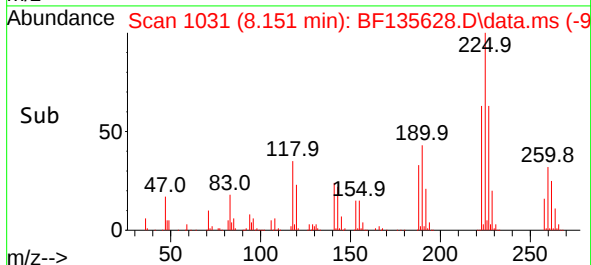
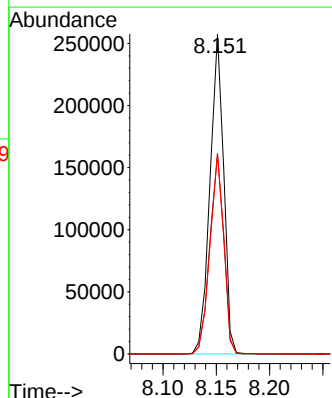
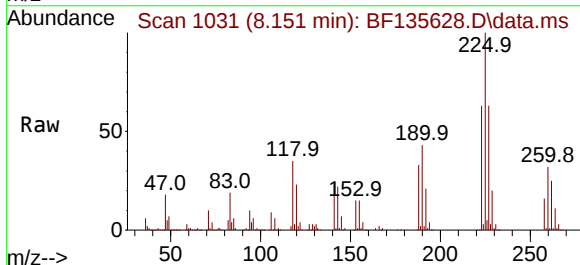


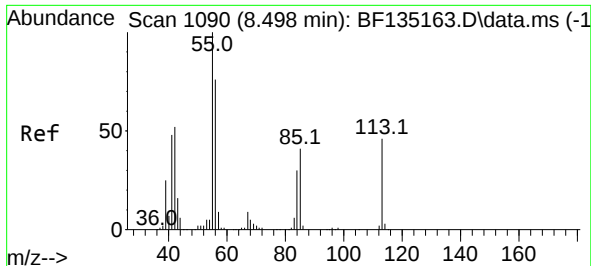
Tgt Ion:	127	Resp:	74712
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	33.4	26.6	39.8
92	18.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 49.152 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:	225	Resp:	230059
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	75.8
227	62.6	50.8	76.2

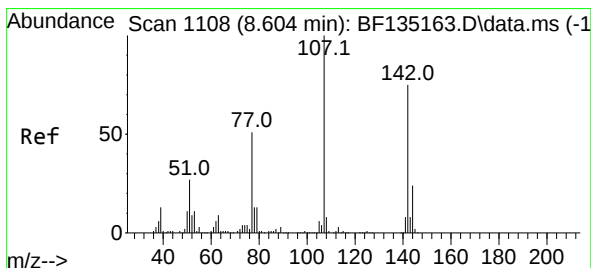
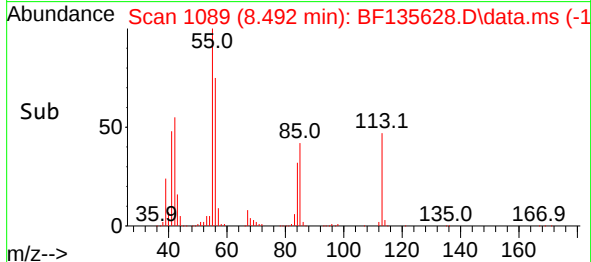
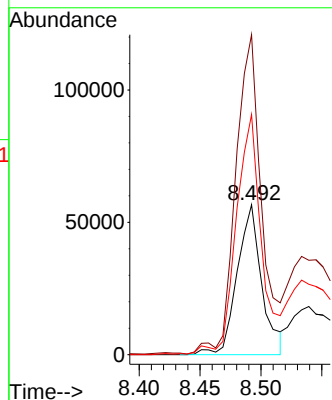
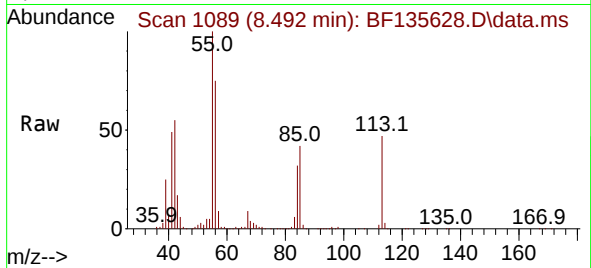




#35
 Caprolactam
 Concen: 31.928 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. 0.024 min
 Lab File: BF135628.D
 Acq: 06 Oct 2023 14:39

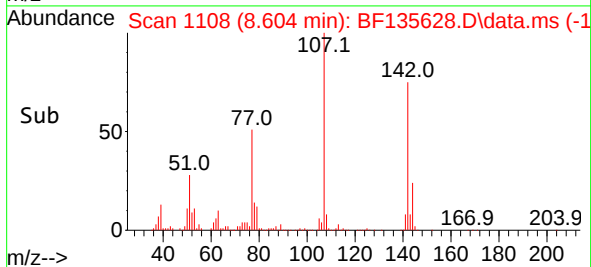
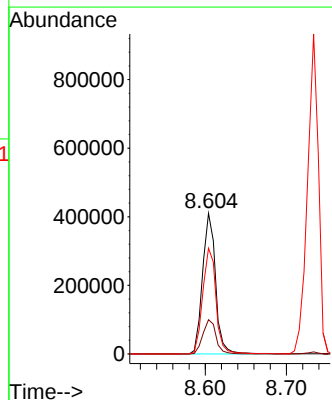
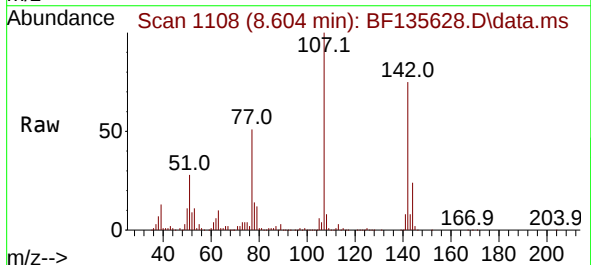
Instrument :
 BNA_F
 ClientSampleId :

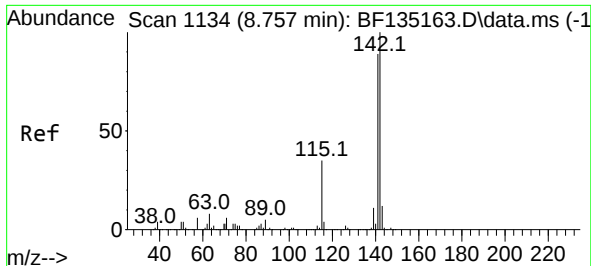
Tgt Ion:113 Resp: 79579
 Ion Ratio Lower Upper
 113 100
 55 213.5 199.3 239.3
 56 160.3 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 55.436 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.018 min
 Lab File: BF135628.D
 Acq: 06 Oct 2023 14:39

Tgt Ion:107 Resp: 457566
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.4
 142 75.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 49.539 ng

RT: 8.733 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

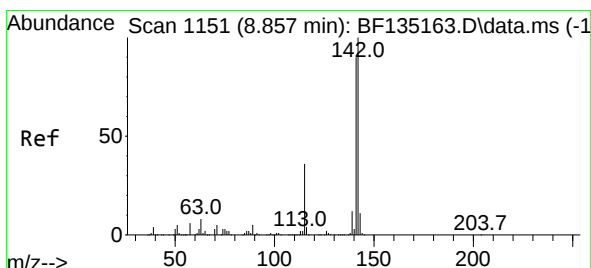
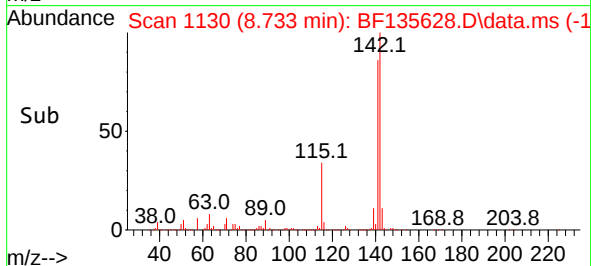
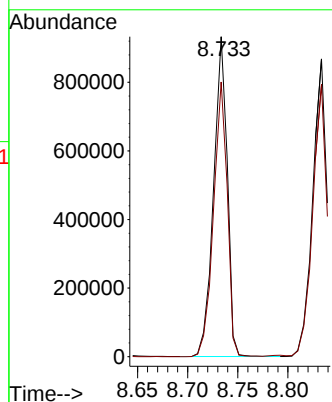
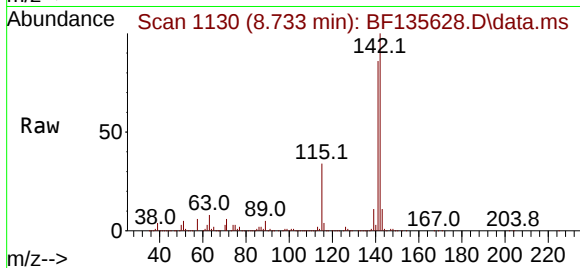
ClientSampleId :

Tgt Ion:142 Resp: 883535

Ion Ratio Lower Upper

142 100

141 85.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 50.523 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135628.D

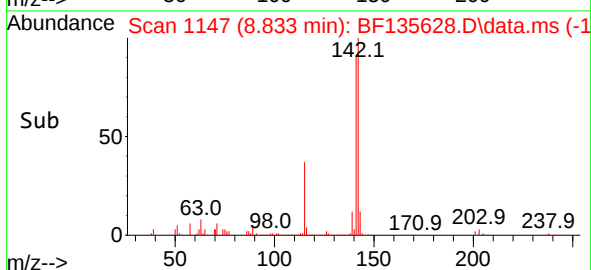
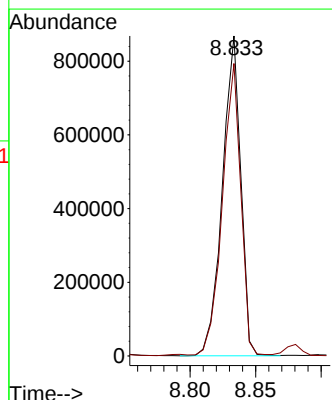
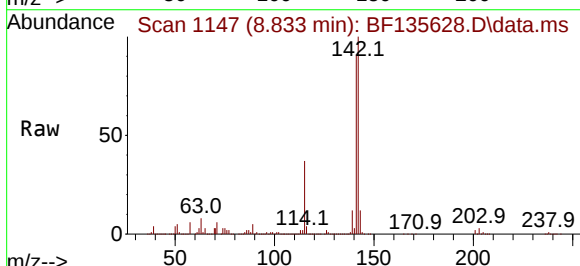
Acq: 06 Oct 2023 14:39

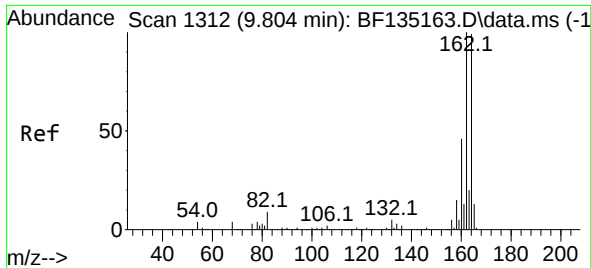
Tgt Ion:142 Resp: 843627

Ion Ratio Lower Upper

142 100

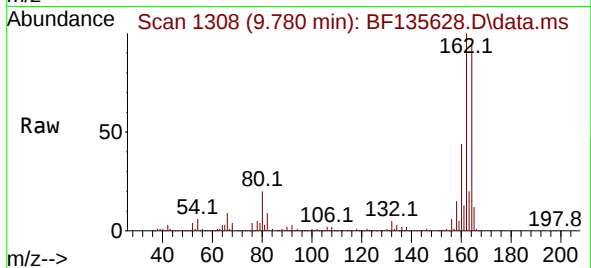
141 91.4 72.4 108.6



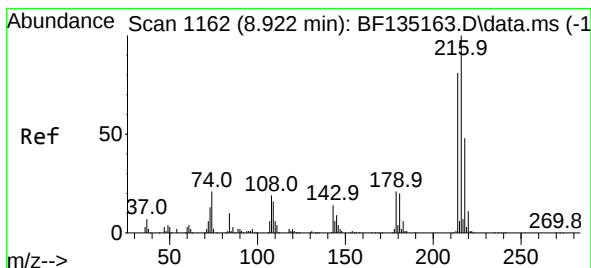
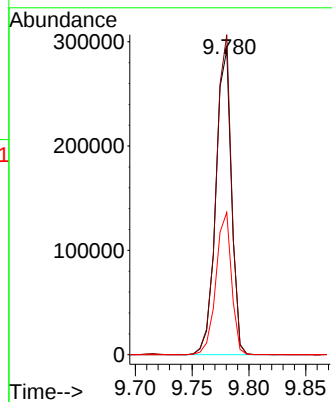
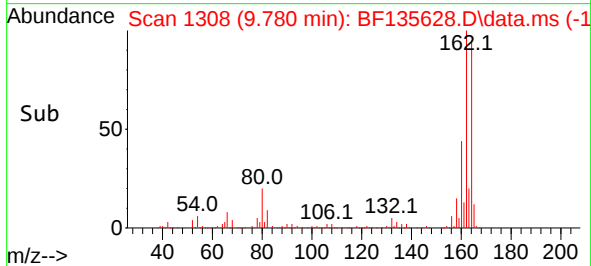


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

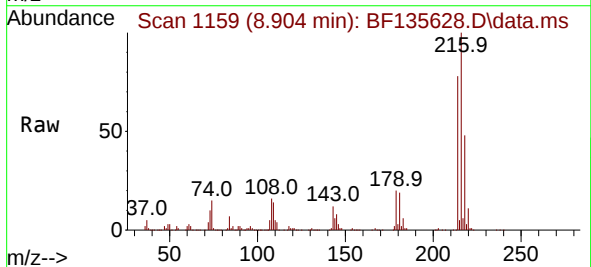
Instrument :
BNA_F
ClientSampleId :



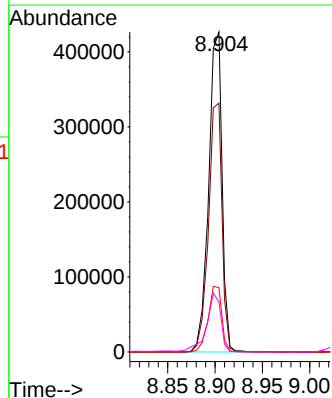
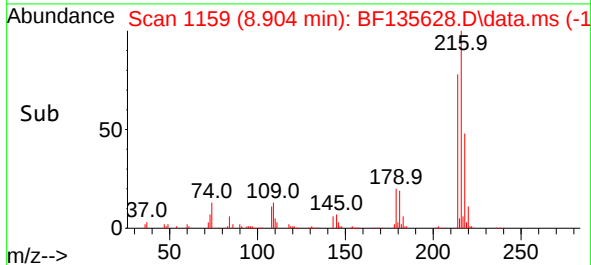
Tgt Ion:164 Resp: 280118
Ion Ratio Lower Upper
164 100
162 105.1 81.0 121.4
160 46.7 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.555 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39



Tgt Ion:216 Resp: 418380
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 20.8 16.7 25.1
108 19.8 14.9 22.3

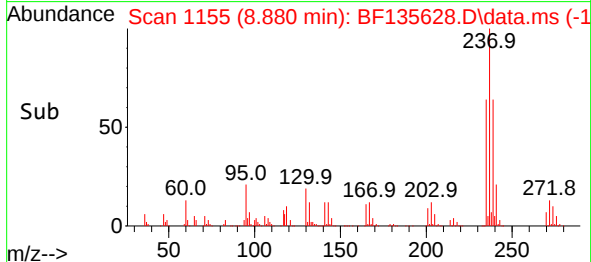
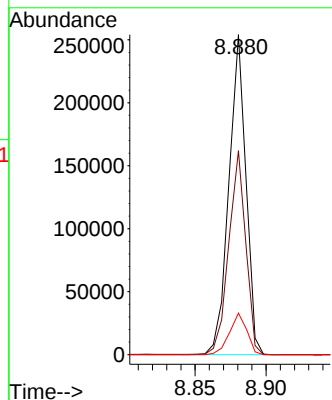
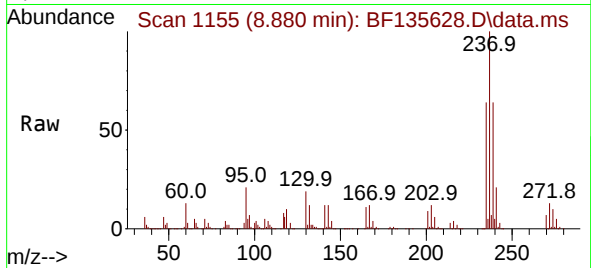




#41
Hexachlorocyclopentadiene
Concen: 61.281 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

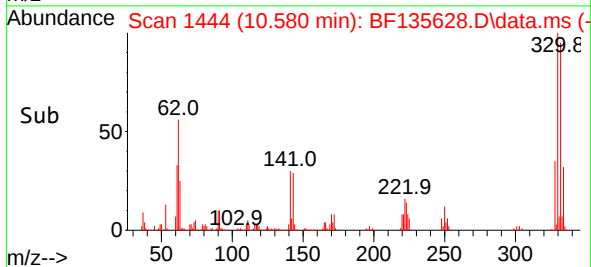
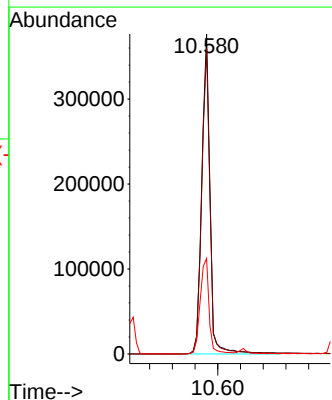
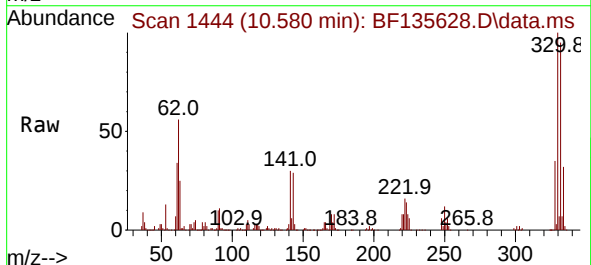
Instrument :
BNA_F
ClientSampleId :

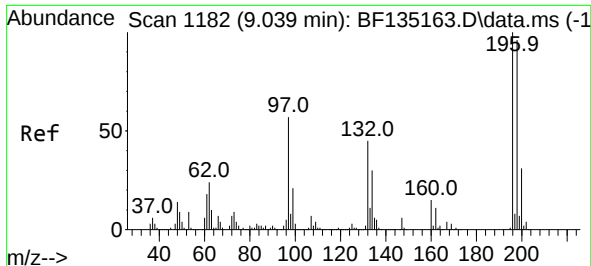
Tgt Ion:237 Resp: 212322
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 136.462 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:330 Resp: 379868
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 32.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 53.645 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

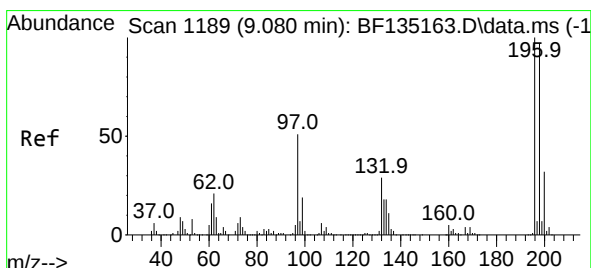
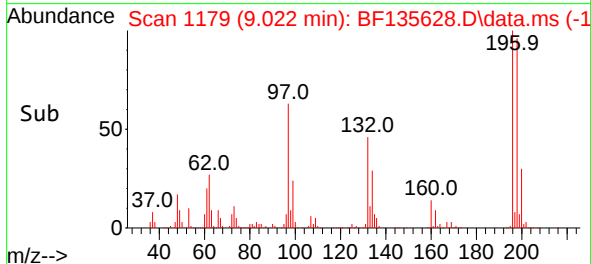
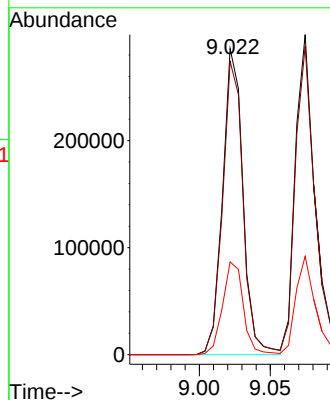
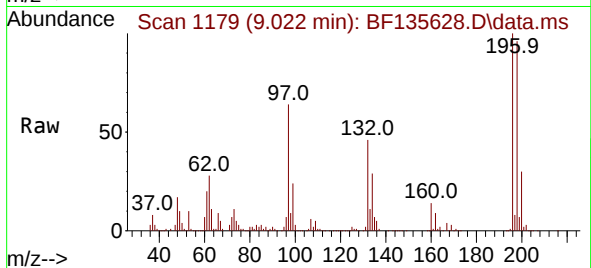
Tgt Ion:196 Resp: 285036

Ion Ratio Lower Upper

196 100

198 95.8 77.0 115.6

200 30.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 48.993 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Tgt Ion:196 Resp: 299788

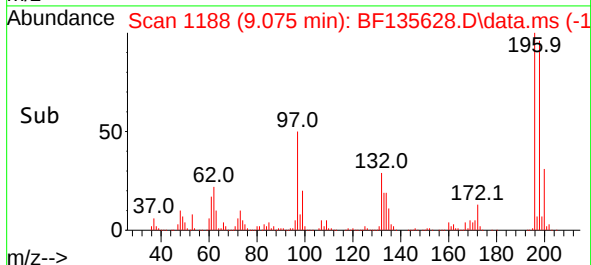
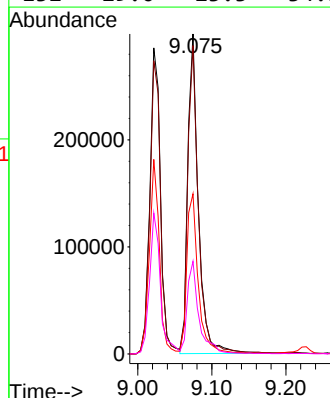
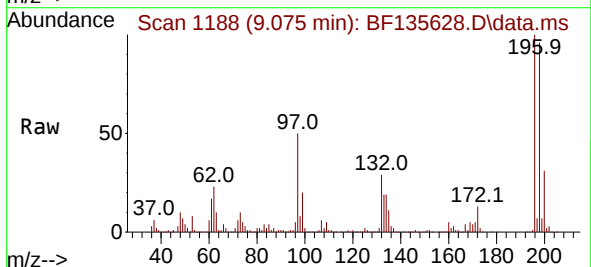
Ion Ratio Lower Upper

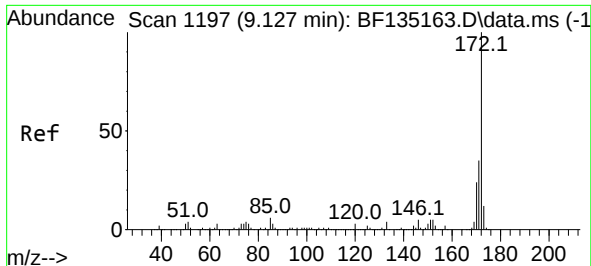
196 100

198 96.4 77.5 116.3

97 50.0 40.5 60.7

132 29.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 87.353 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

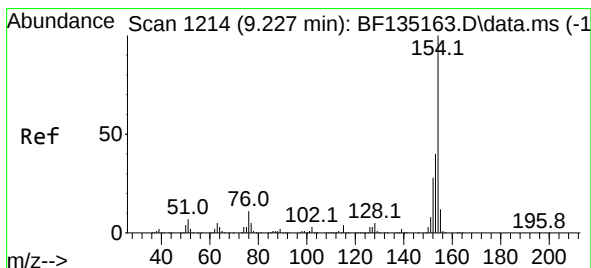
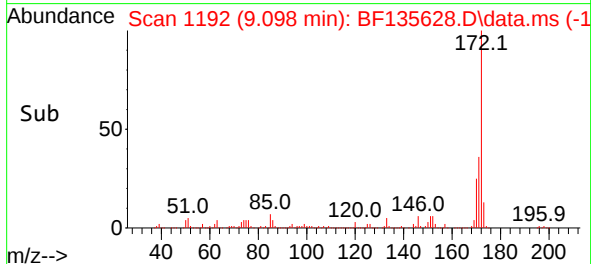
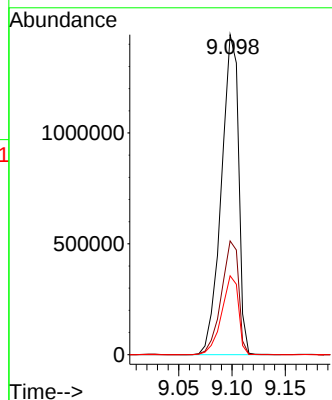
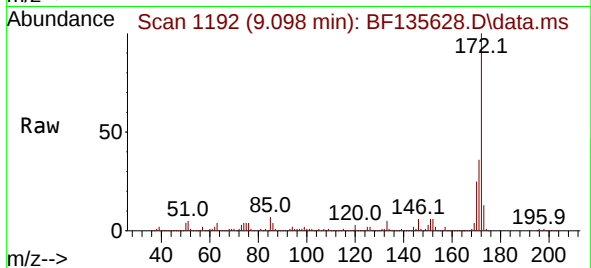
Tgt Ion:172 Resp: 1621854

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.987 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

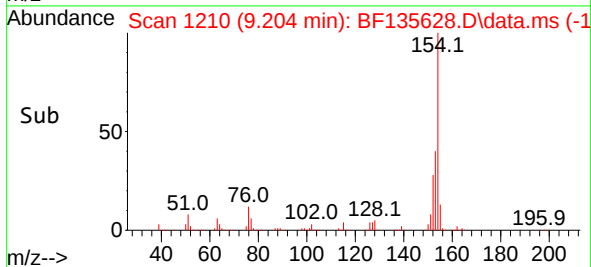
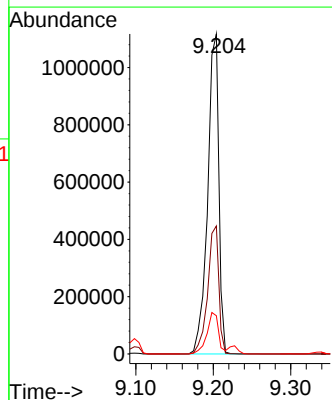
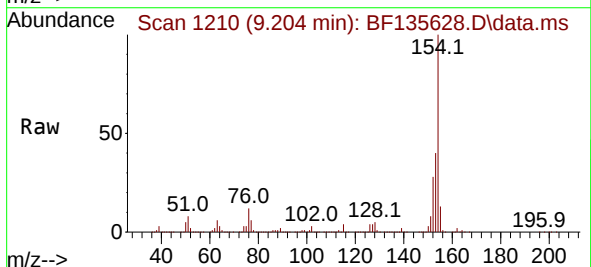
Tgt Ion:154 Resp: 1119101

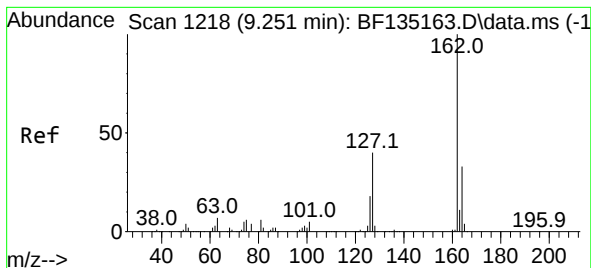
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 12.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 53.786 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

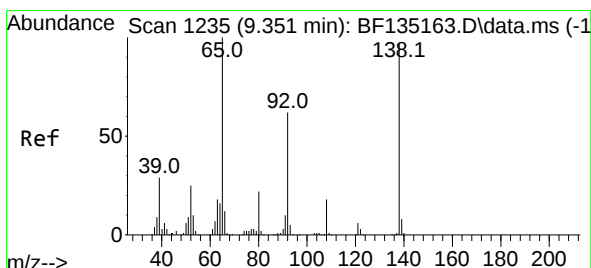
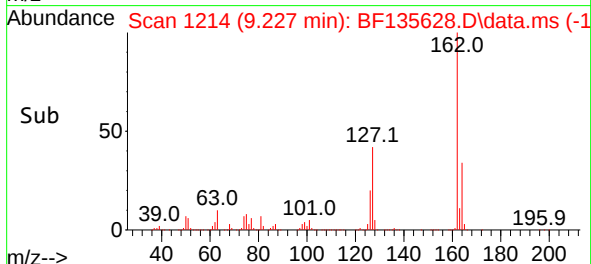
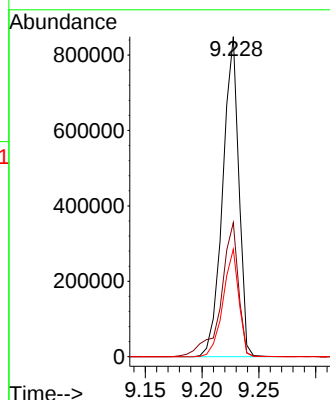
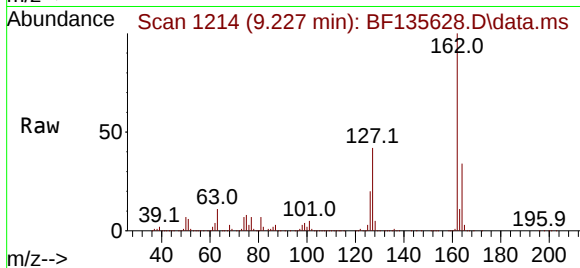
Tgt Ion:162 Resp: 840080

Ion Ratio Lower Upper

162 100

127 41.9 32.6 48.8

164 33.6 26.2 39.2



#48

2-Nitroaniline

Concen: 56.416 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

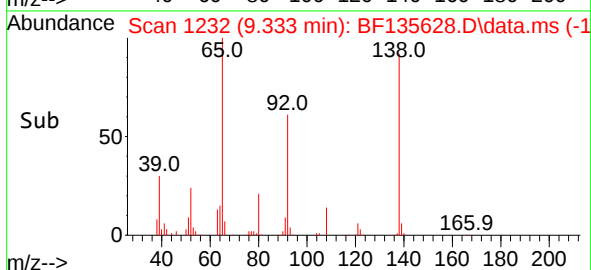
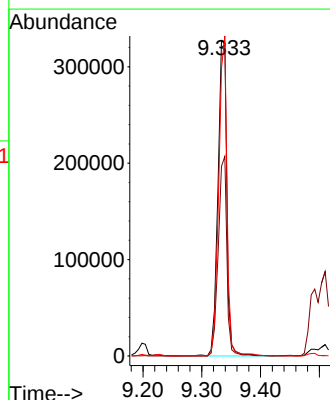
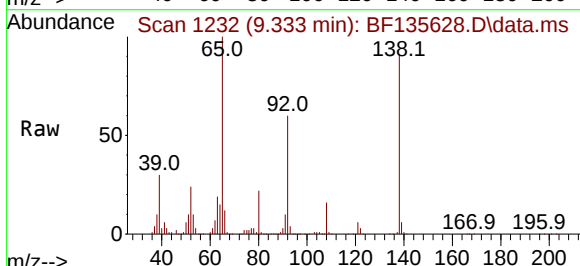
Tgt Ion: 65 Resp: 342322

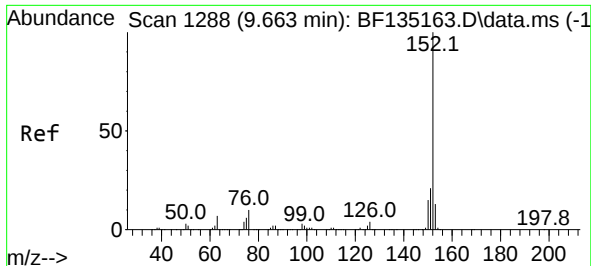
Ion Ratio Lower Upper

65 100

92 60.1 49.4 74.0

138 91.2 77.4 116.0





#49

Acenaphthylene

Concen: 51.531 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

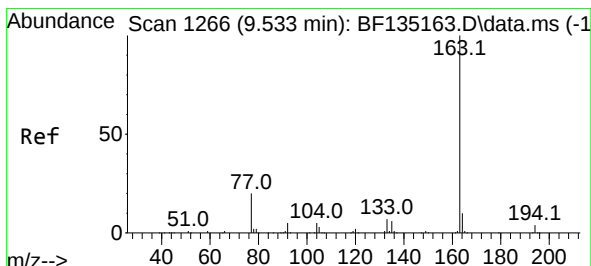
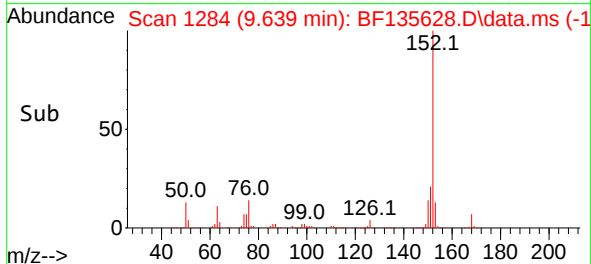
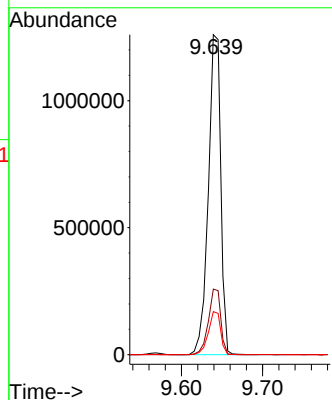
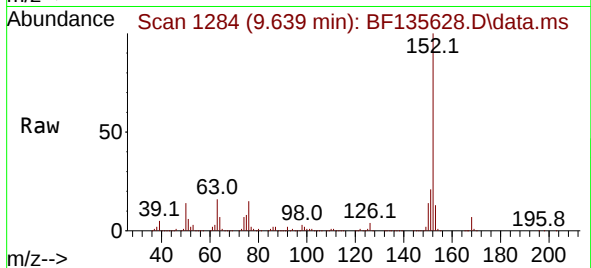
Tgt Ion:152 Resp: 1337617

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 53.626 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

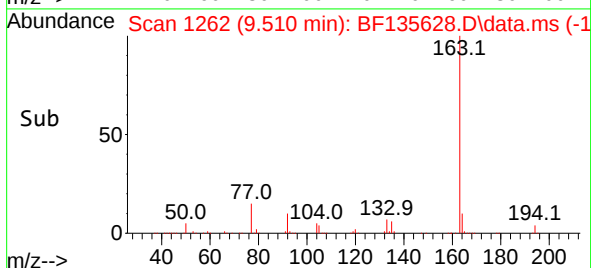
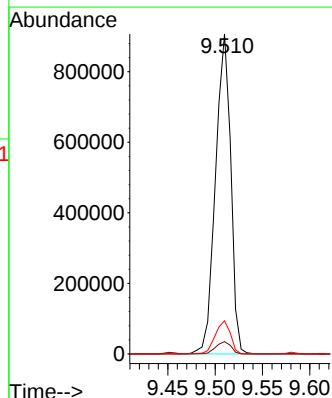
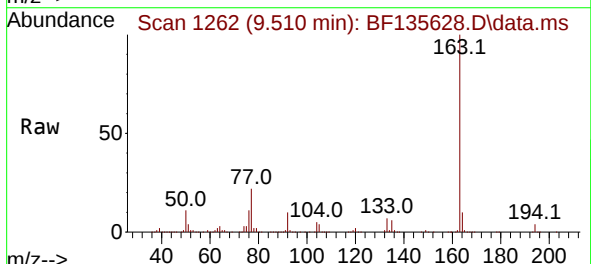
Tgt Ion:163 Resp: 1015612

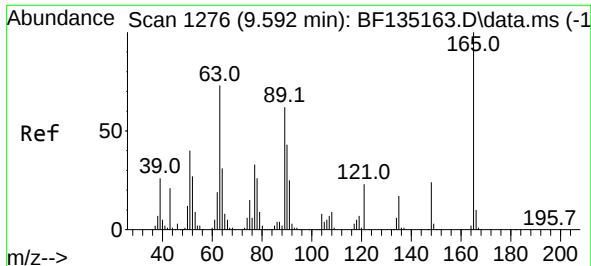
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.1 12.1

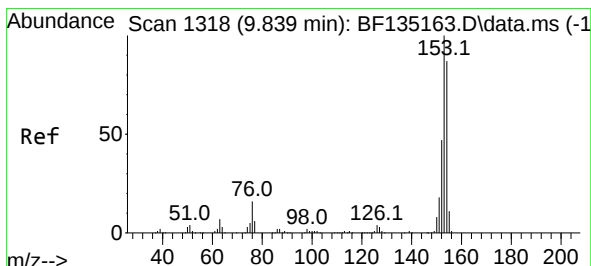
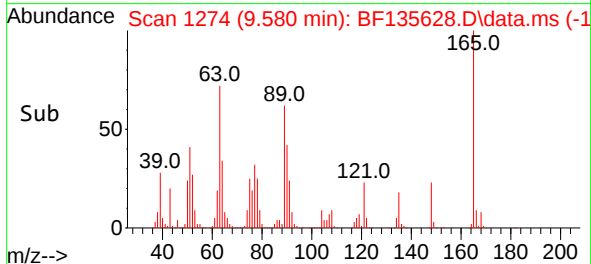
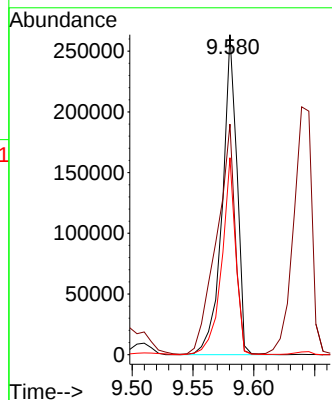
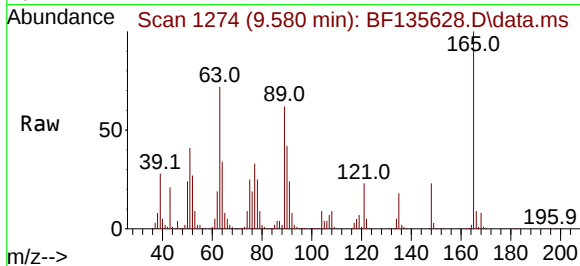




#51
2,6-Dinitrotoluene
Concen: 53.172 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

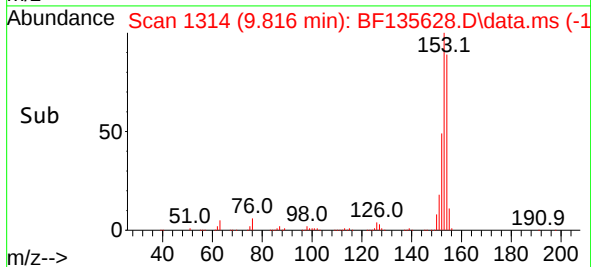
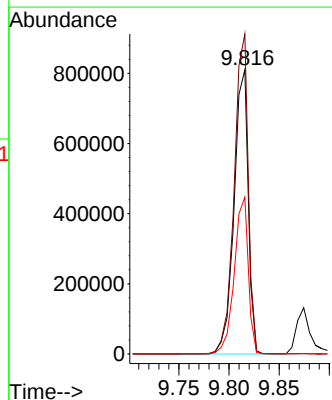
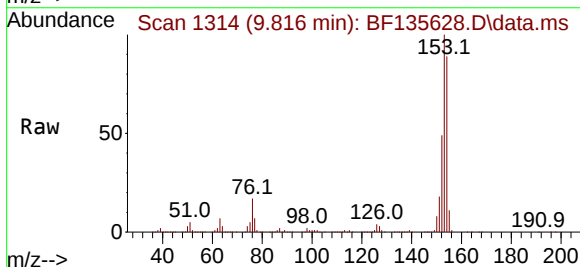
Instrument :
BNA_F
ClientSampleId :

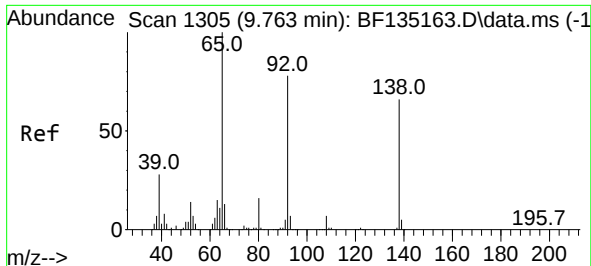
Tgt Ion:165 Resp: 220604
Ion Ratio Lower Upper
165 100
63 72.0 59.4 89.2
89 61.6 49.8 74.8



#52
Acenaphthene
Concen: 51.919 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

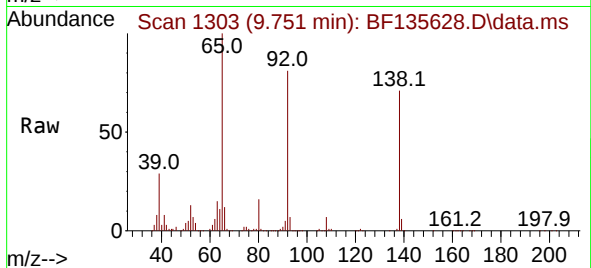
Tgt Ion:154 Resp: 796139
Ion Ratio Lower Upper
154 100
153 112.6 92.1 138.1
152 55.2 43.1 64.7



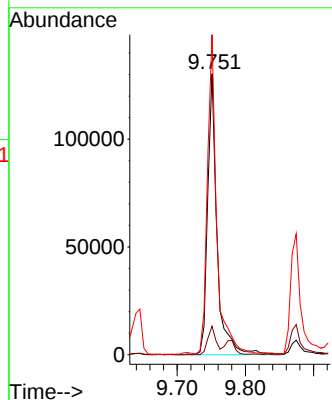
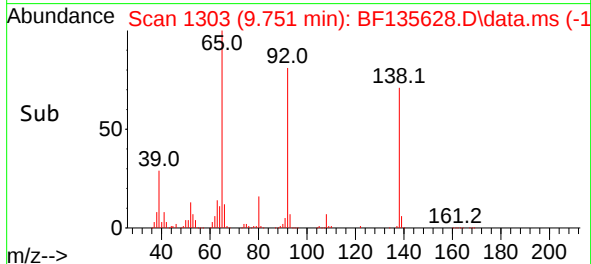


#53
3-Nitroaniline
Concen: 25.753 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

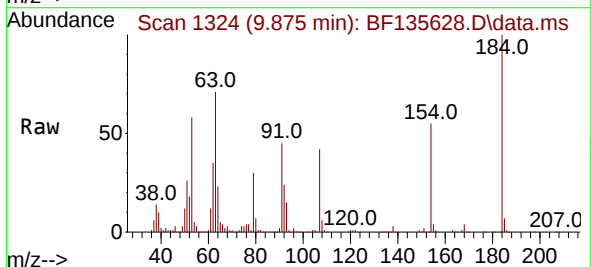
Instrument :
BNA_F
ClientSampleId :



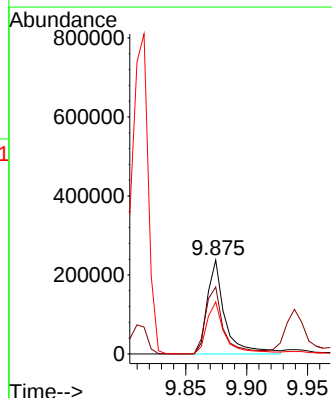
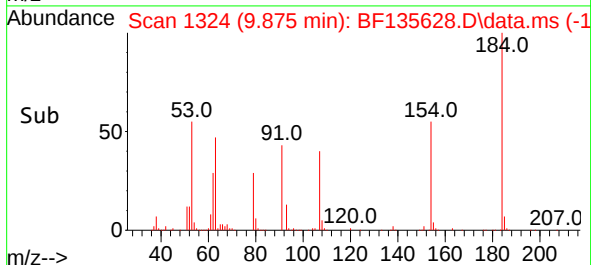
Tgt Ion:138 Resp: 125417
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 113.9 95.4 143.0

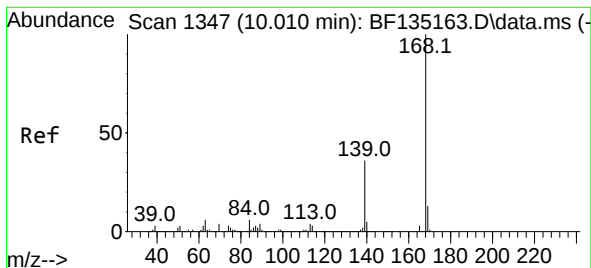


#54
2,4-Dinitrophenol
Concen: 100.119 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39



Tgt Ion:184 Resp: 239823
Ion Ratio Lower Upper
184 100
63 71.5 55.1 82.7
154 55.4 48.4 72.6

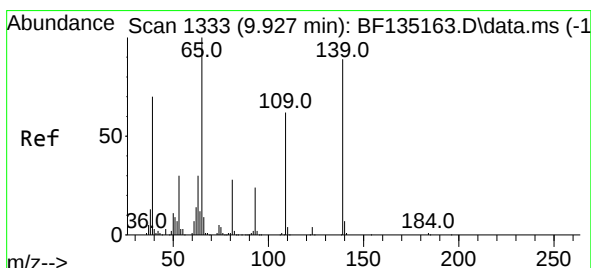
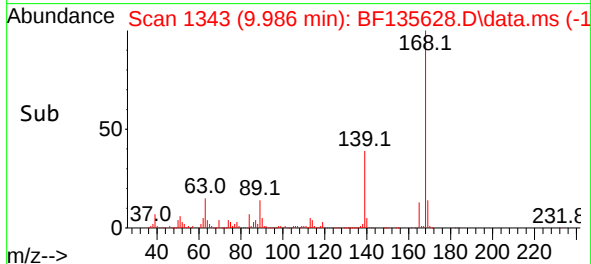
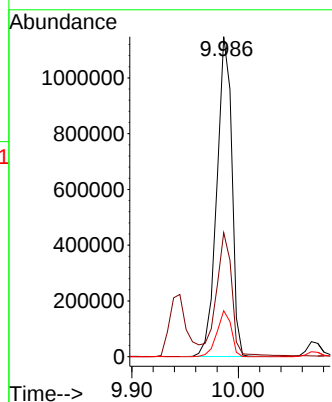
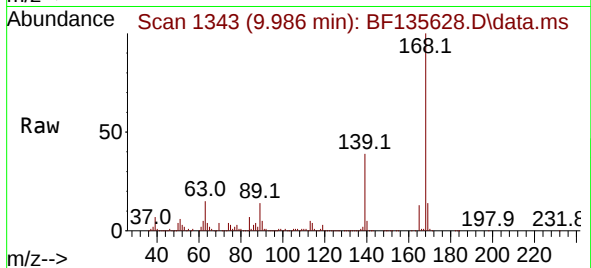




#55
Dibenzenofuran
Concen: 47.944 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

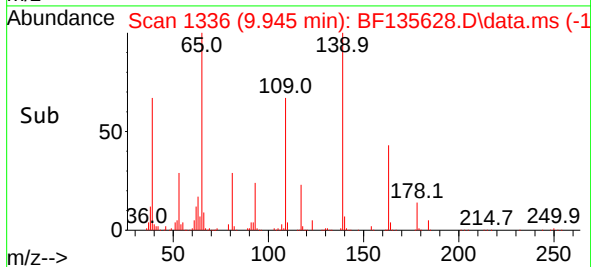
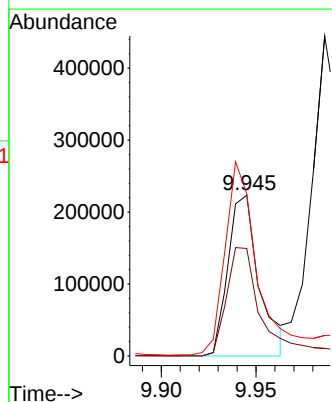
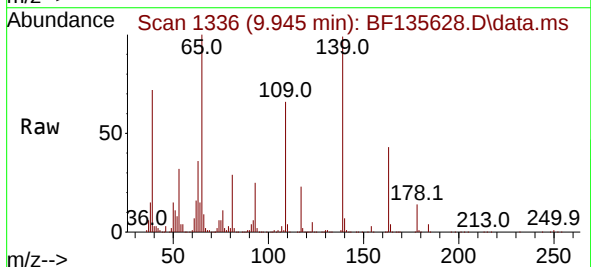
Instrument :
BNA_F
ClientSampleId :

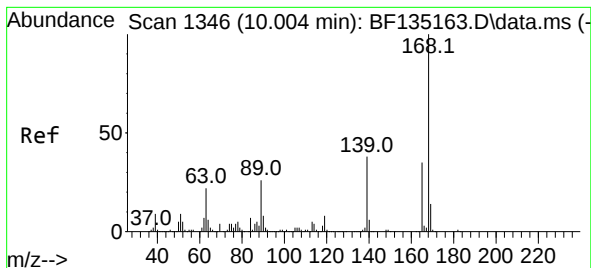
Tgt Ion:168 Resp: 1121885
Ion Ratio Lower Upper
168 100
139 38.7 29.0 43.6
169 14.4 10.4 15.6



#56
4-Nitrophenol
Concen: 82.366 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:139 Resp: 254938
Ion Ratio Lower Upper
139 100
109 66.9 49.8 89.8
65 100.9 92.7 132.7

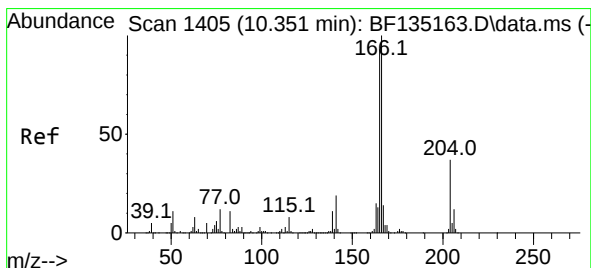
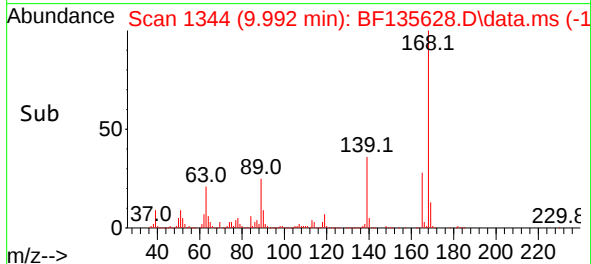
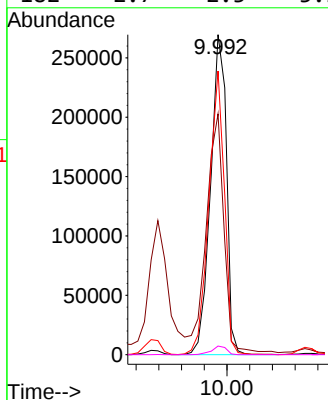
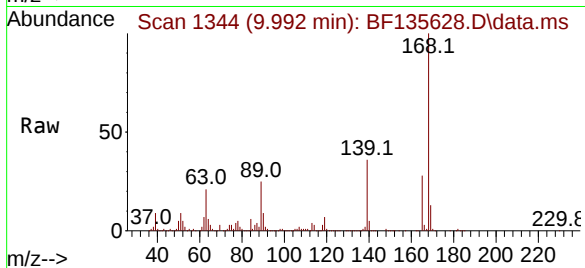




#57
2,4-Dinitrotoluene
Concen: 50.449 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

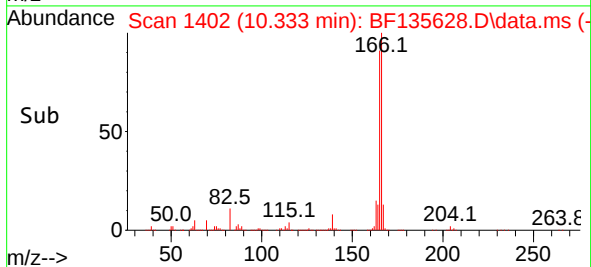
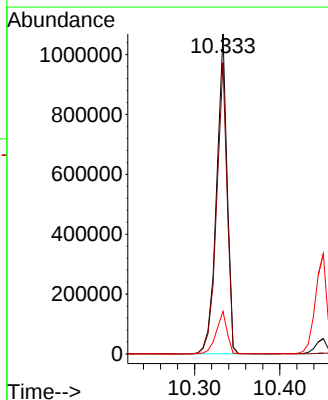
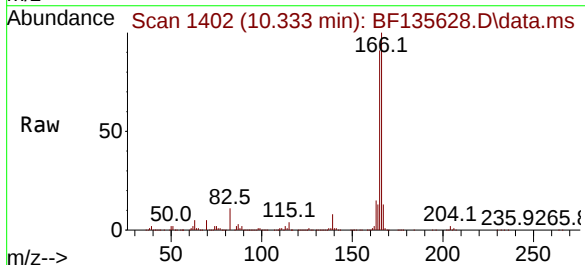
Instrument :
BNA_F
ClientSampleId :

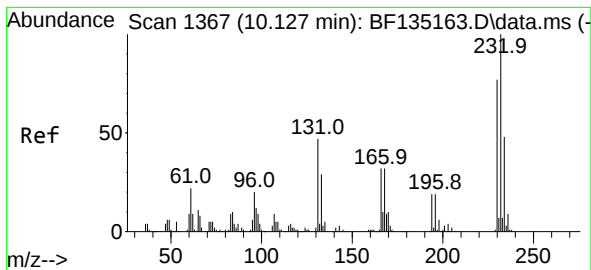
Tgt Ion:165 Resp: 262035
Ion Ratio Lower Upper
165 100
63 75.3 50.1 75.1#
89 88.7 59.3 88.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 51.041 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

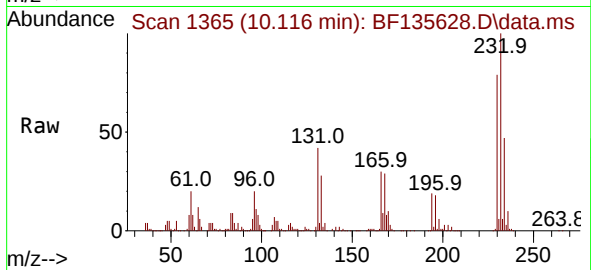
Tgt Ion:166 Resp: 918161
Ion Ratio Lower Upper
166 100
165 91.1 74.3 111.5
167 13.3 10.9 16.3



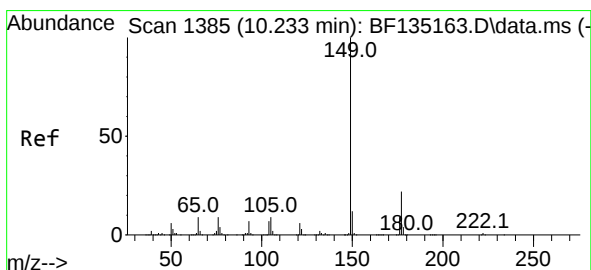
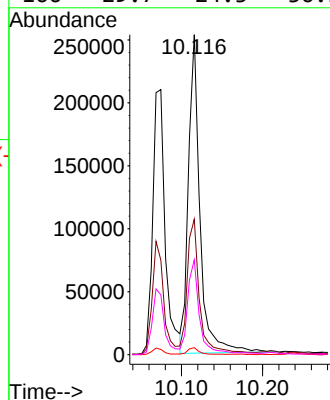
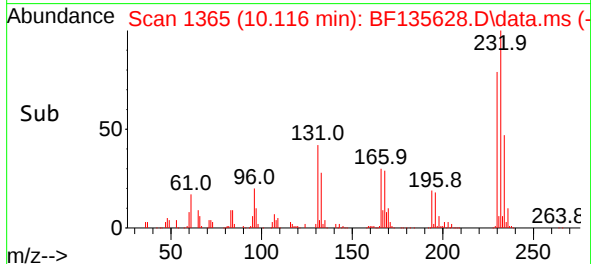


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.855 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

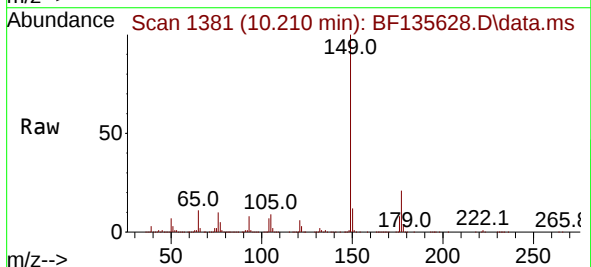
Instrument :
BNA_F
ClientSampleId :



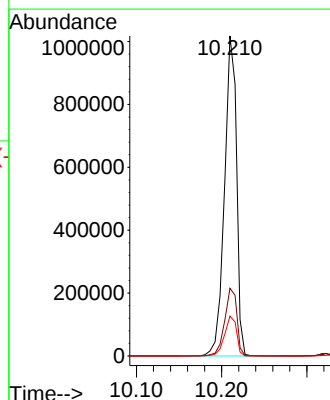
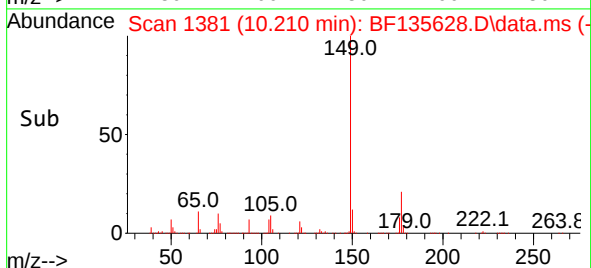
Tgt Ion:232 Resp: 248785
Ion Ratio Lower Upper
232 100
131 44.4 35.4 53.2
130 2.1 1.8 2.8
166 29.7 24.3 36.5

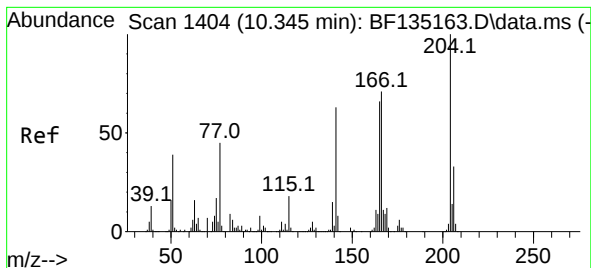


#60
Diethylphthalate
Concen: 52.571 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39



Tgt Ion:149 Resp: 999206
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.6
150 12.5 10.0 15.0

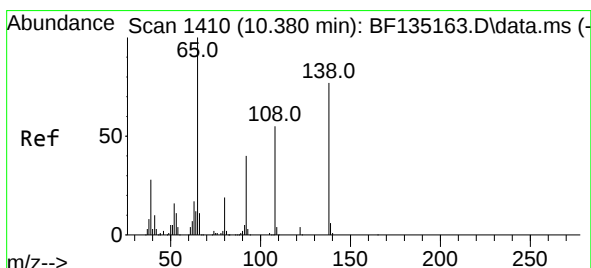
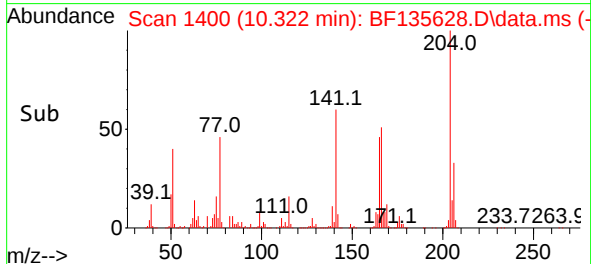
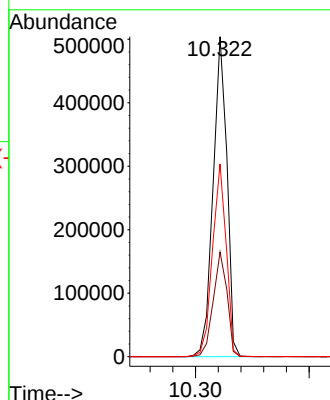
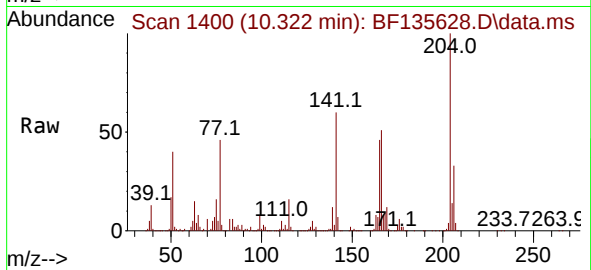




#61
4-Chlorophenyl-phenylether
Concen: 49.269 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

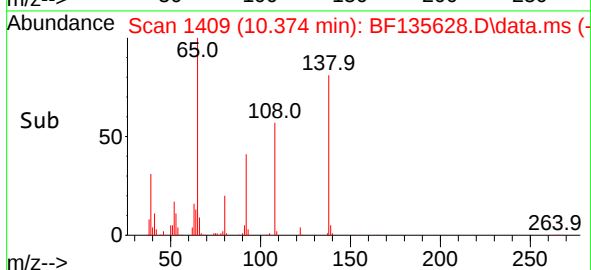
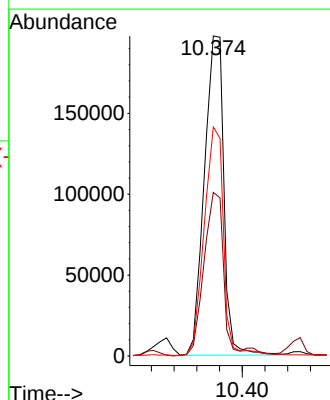
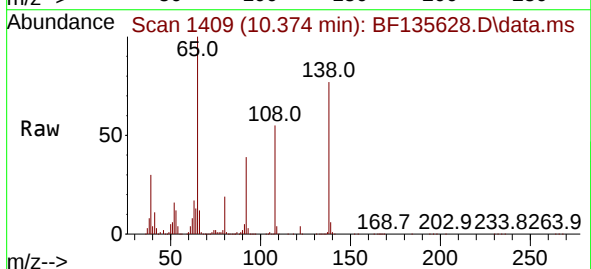
Instrument :
BNA_F
ClientSampleId :

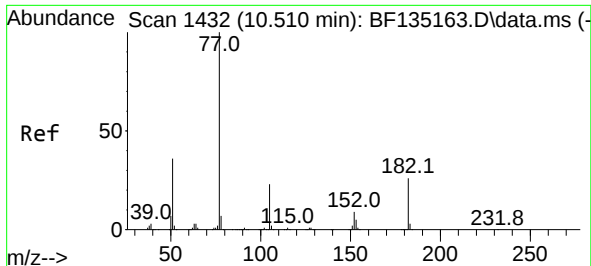
Tgt Ion:204 Resp: 425749
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 60.3 50.6 75.8



#62
4-Nitroaniline
Concen: 50.119 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:138 Resp: 234624
Ion Ratio Lower Upper
138 100
92 51.1 31.8 71.8
108 71.6 52.0 92.0

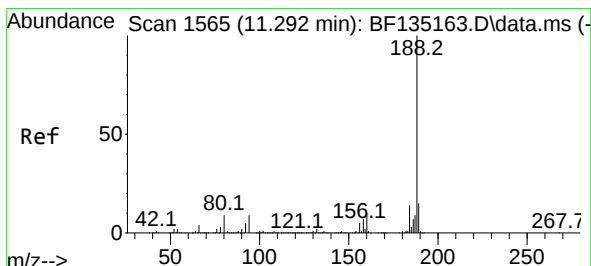
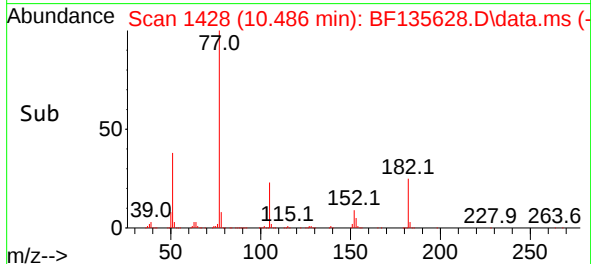
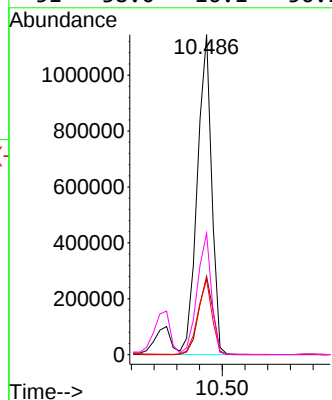
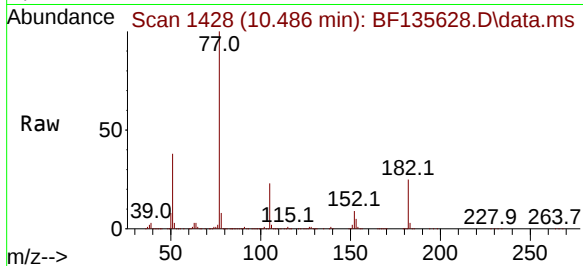




#63
Azobenzene
Concen: 54.000 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

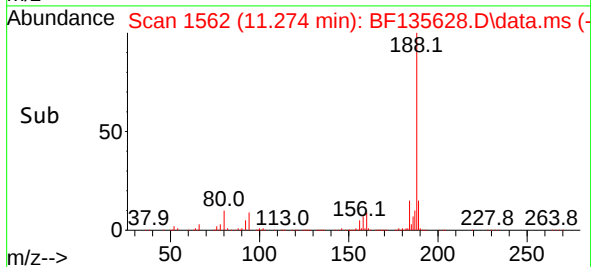
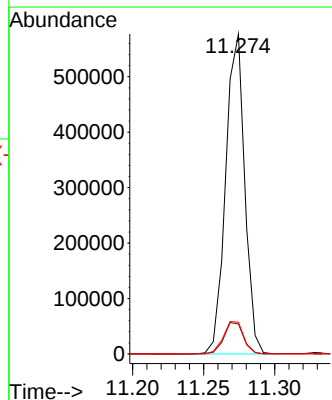
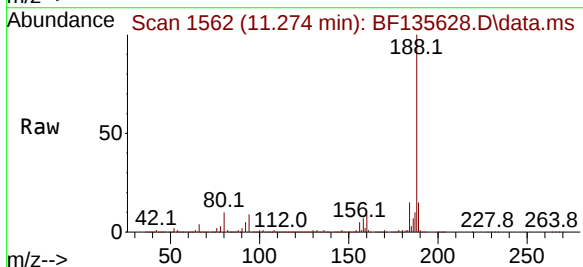
Instrument :
BNA_F
ClientSampleId :

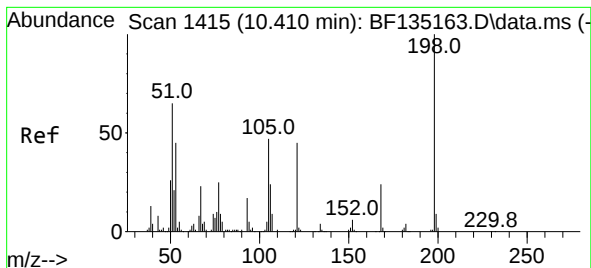
Tgt Ion: 77 Resp: 1004497
Ion Ratio Lower Upper
77 100
182 24.5 6.4 46.4
105 23.5 3.1 43.1
51 38.0 16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion: 188 Resp: 538606
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.9 7.5 11.3

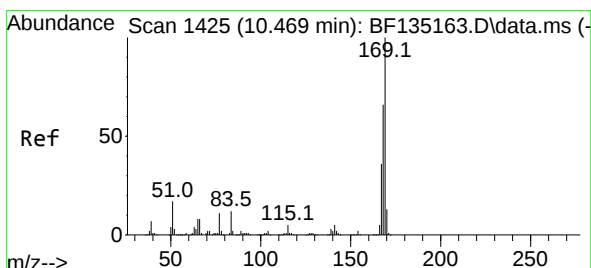
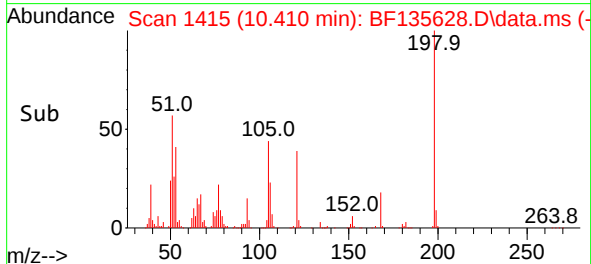
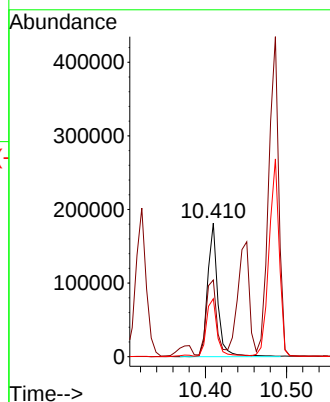
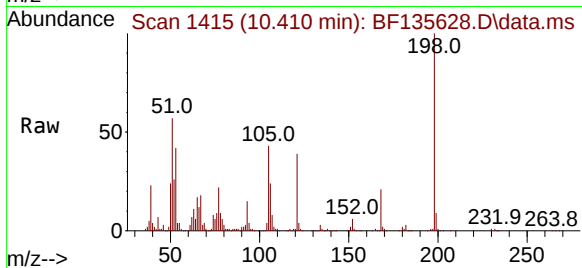




#65
4,6-Dinitro-2-methylphenol
Concen: 54.412 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

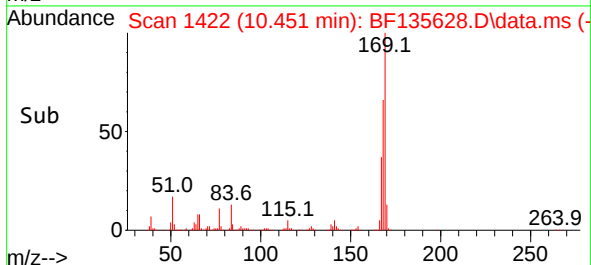
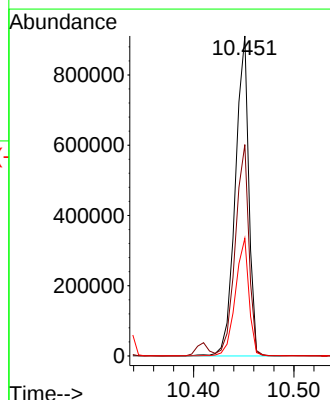
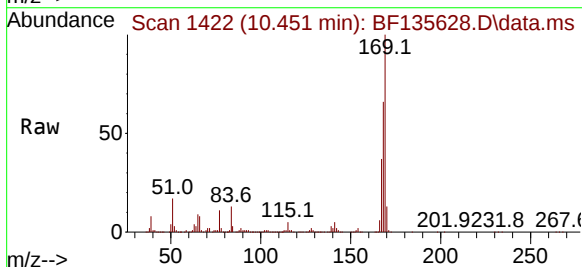
Instrument :
BNA_F
ClientSampleId :

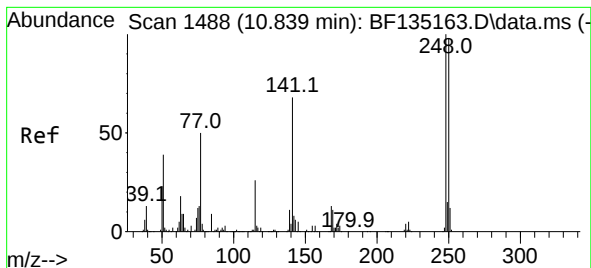
Tgt Ion:198 Resp: 155656
Ion Ratio Lower Upper
198 100
51 57.4 47.7 87.7
105 43.4 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 52.315 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:169 Resp: 853050
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 36.8 29.0 43.6

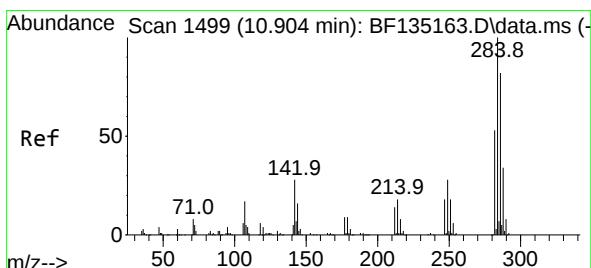
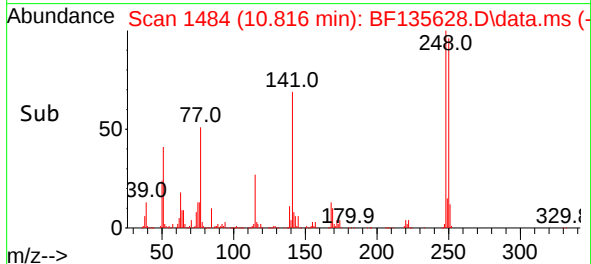
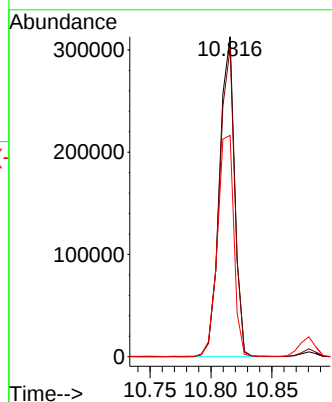
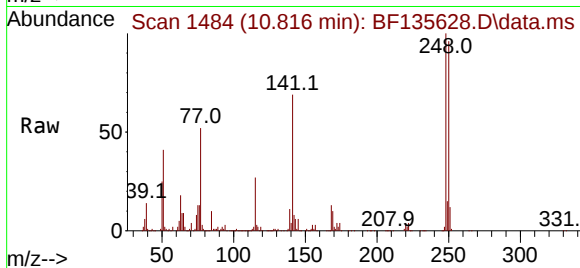




#67
4-Bromophenyl-phenylether
Concen: 50.742 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

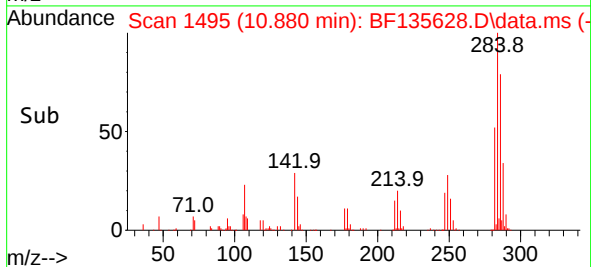
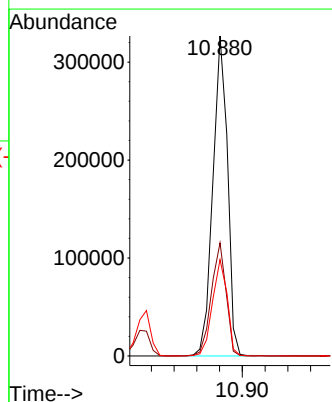
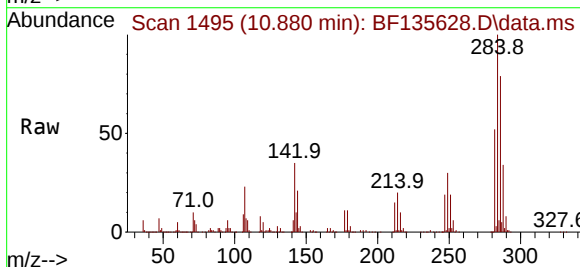
Instrument :
BNA_F
ClientSampleId :

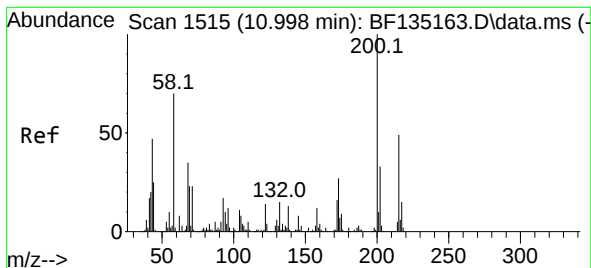
Tgt Ion:248 Resp: 271815
Ion Ratio Lower Upper
248 100
250 96.5 78.6 117.8
141 69.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 53.521 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:284 Resp: 292087
Ion Ratio Lower Upper
284 100
142 35.4 22.2 33.4#
249 30.1 22.5 33.7





#69

Atrazine

Concen: 61.247 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

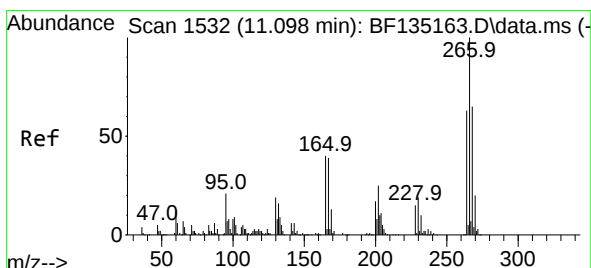
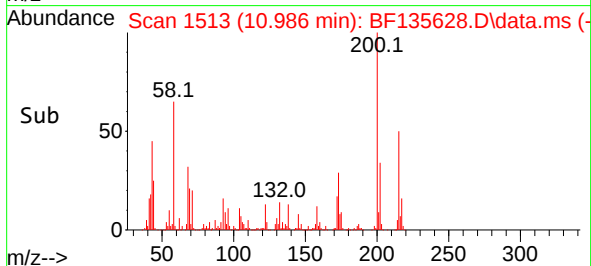
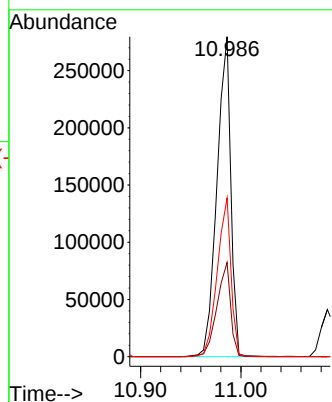
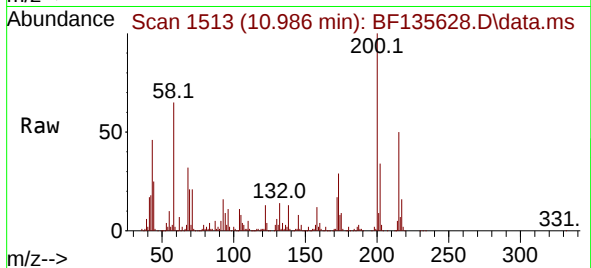
Tgt Ion:200 Resp: 268721

Ion Ratio Lower Upper

200 100

173 29.5 7.4 47.4

215 49.6 28.6 68.6



#70

Pentachlorophenol

Concen: 87.049 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

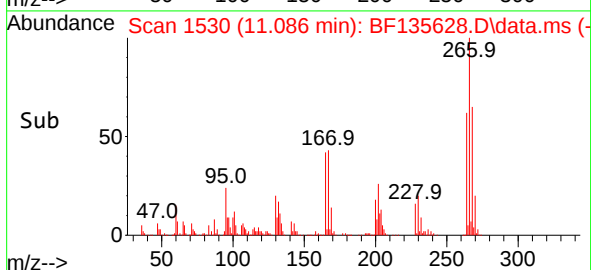
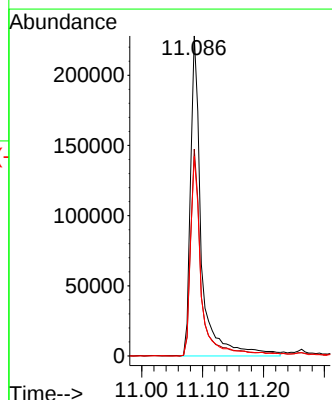
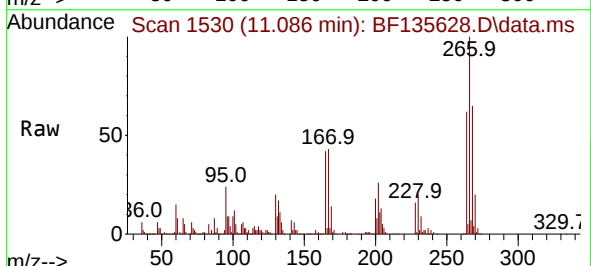
Tgt Ion:266 Resp: 284228

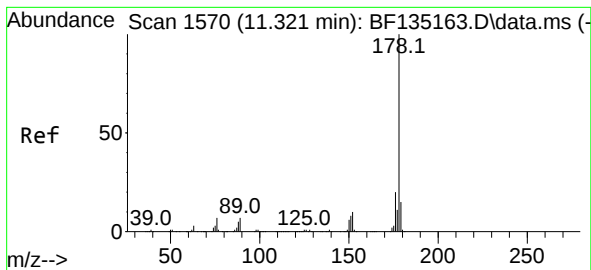
Ion Ratio Lower Upper

266 100

268 64.6 52.1 78.1

264 62.3 50.8 76.2





#71

Phenanthrene

Concen: 52.682 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

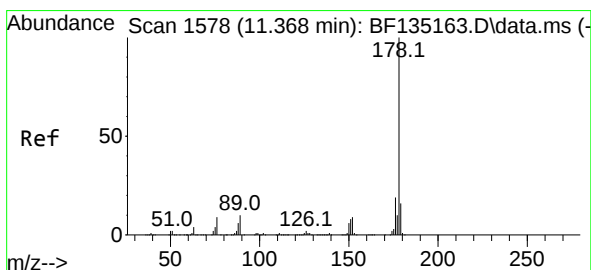
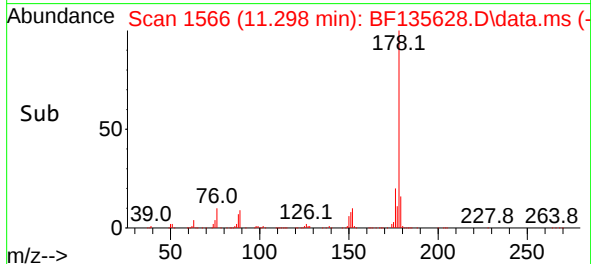
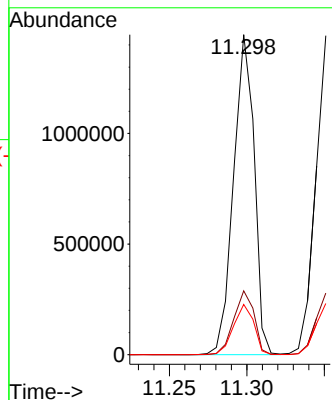
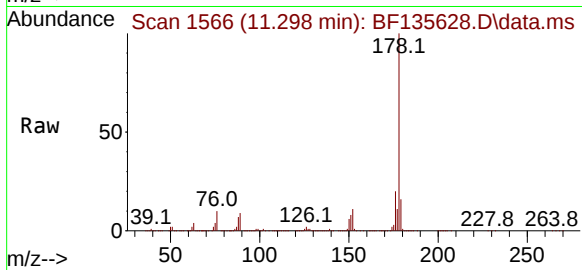
Tgt Ion:178 Resp: 1341999

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

179 15.7 12.0 18.0



#72

Anthracene

Concen: 52.265 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

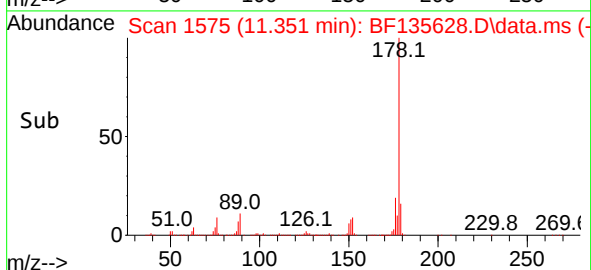
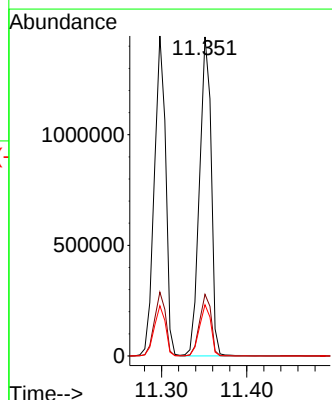
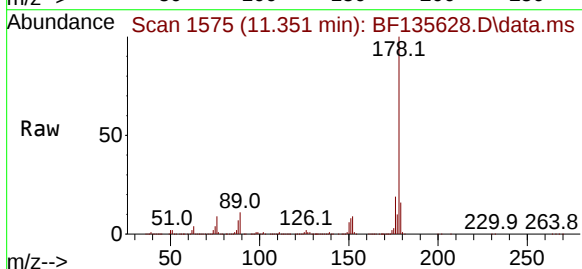
Tgt Ion:178 Resp: 1368524

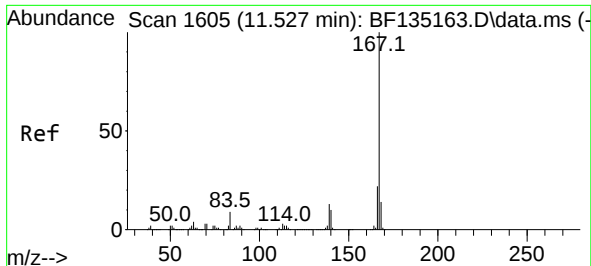
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 16.0 12.6 19.0

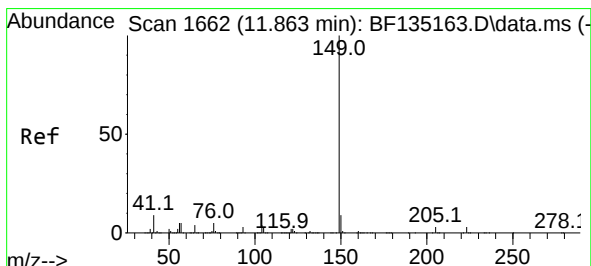
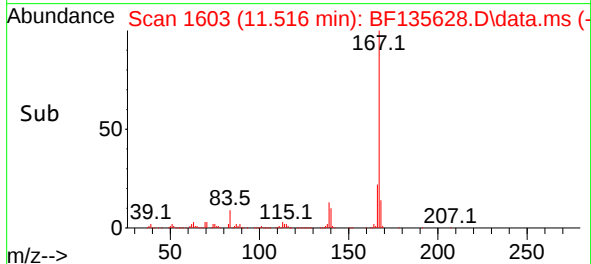
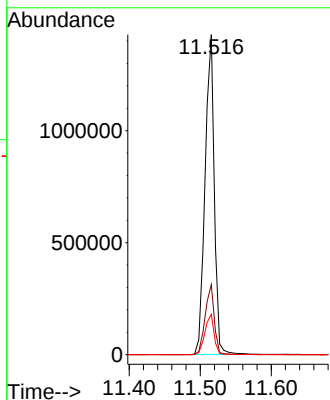
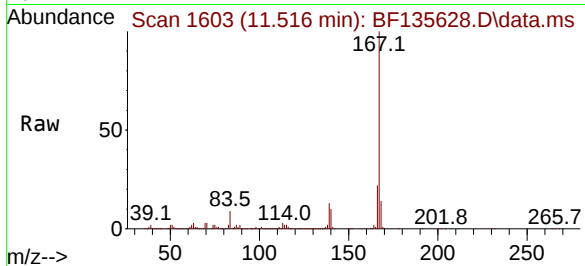




#73
Carbazole
Concen: 54.429 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

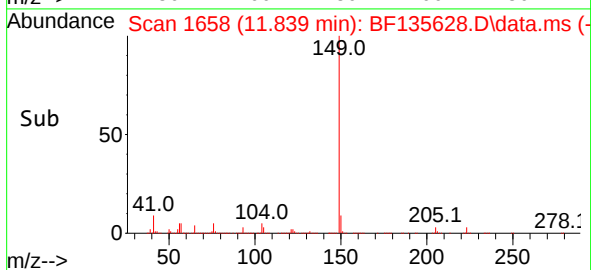
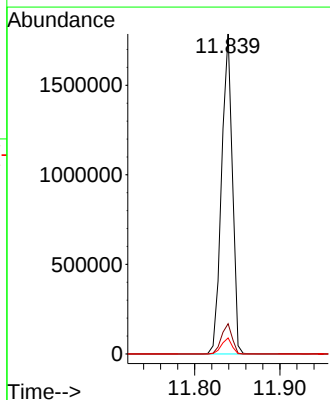
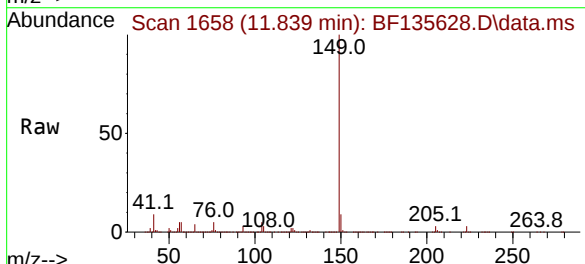
Instrument :
BNA_F
ClientSampleId :

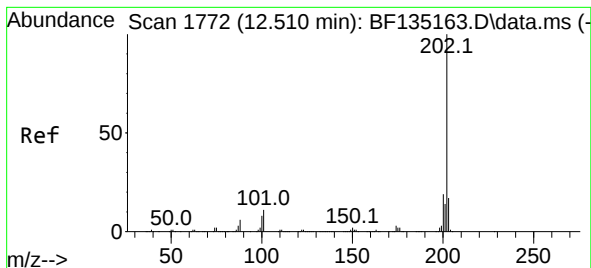
Tgt Ion:167 Resp: 1297382
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.0
139 12.6 10.6 15.8



#74
Di-n-butylphthalate
Concen: 55.913 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:149 Resp: 1570428
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 53.382 ng

RT: 12.492 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

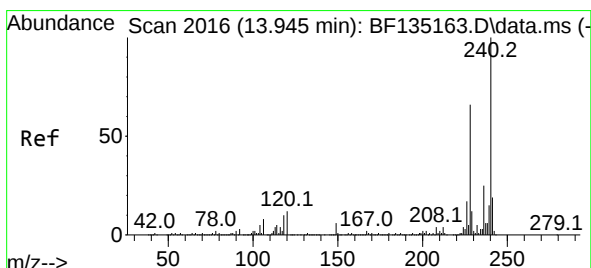
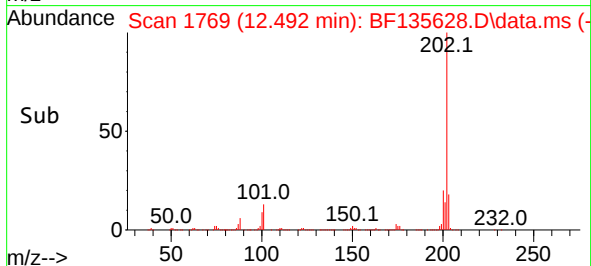
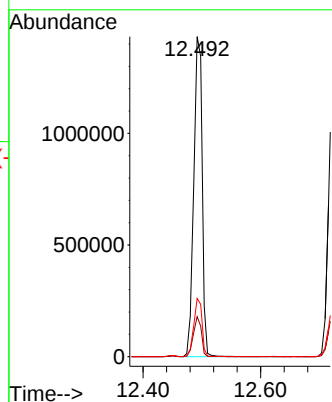
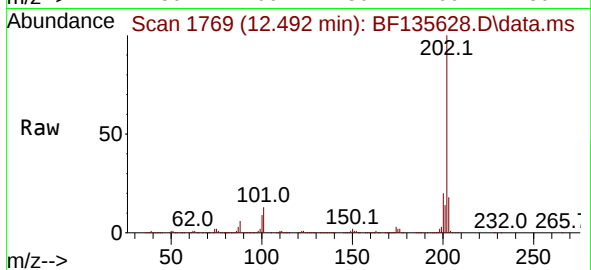
Tgt Ion:202 Resp: 1416929

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.3

203 18.2 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

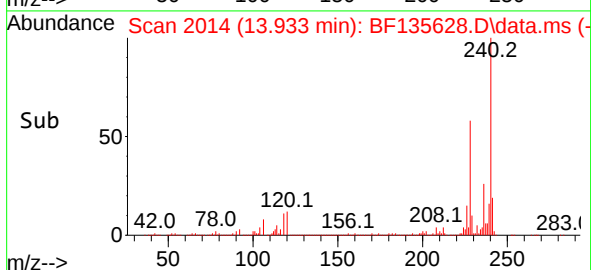
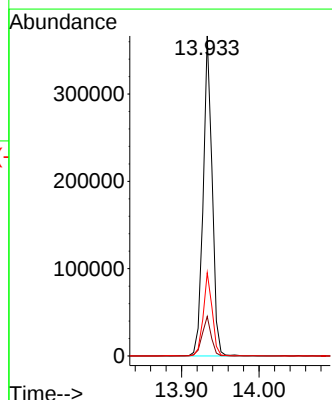
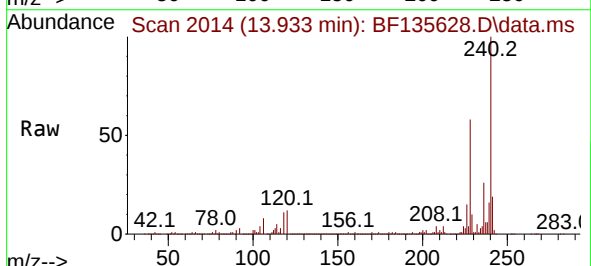
Tgt Ion:240 Resp: 294429

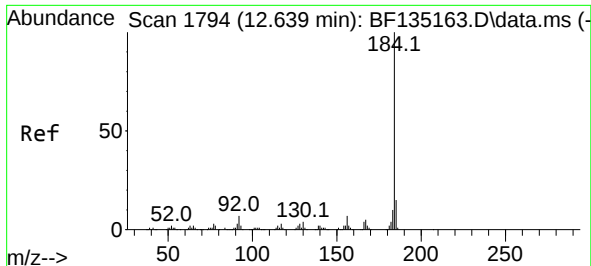
Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

236 26.0 19.8 29.8

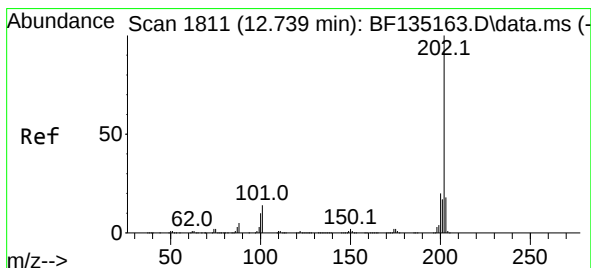
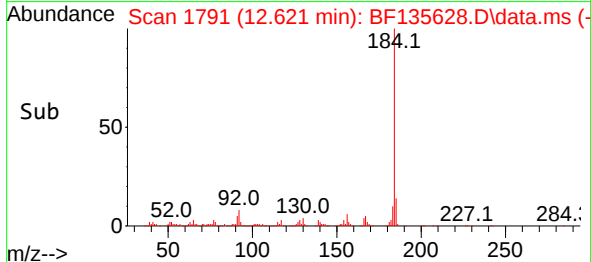
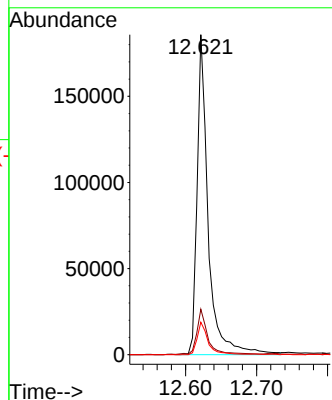
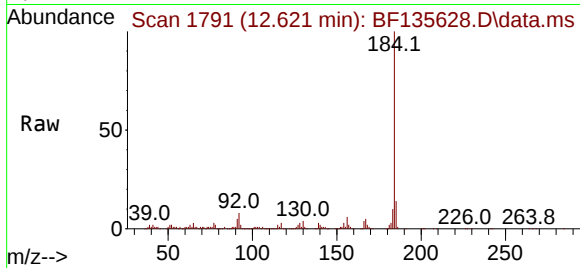




#77
Benzidine
Concen: 33.493 ng
RT: 12.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

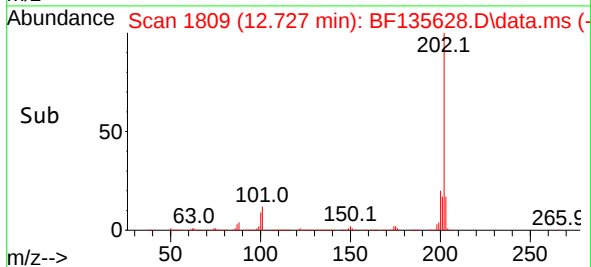
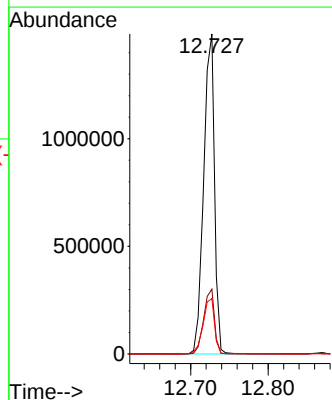
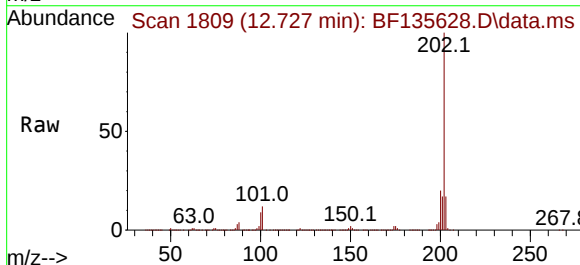
Instrument :
BNA_F
ClientSampleId :

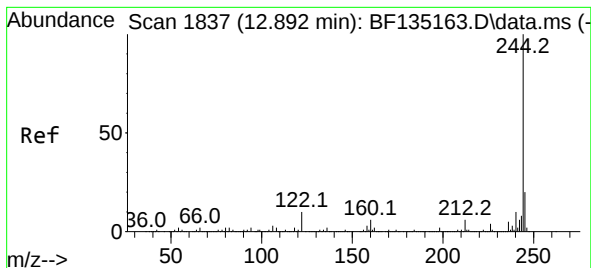
Tgt Ion:184 Resp: 202030
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.1 8.2 12.4



#78
Pyrene
Concen: 51.298 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:202 Resp: 1437989
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 89.885 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

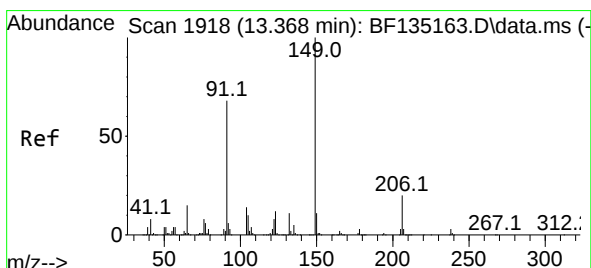
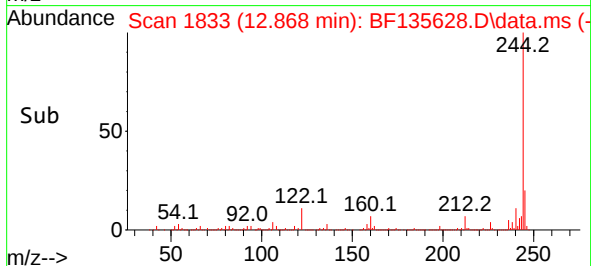
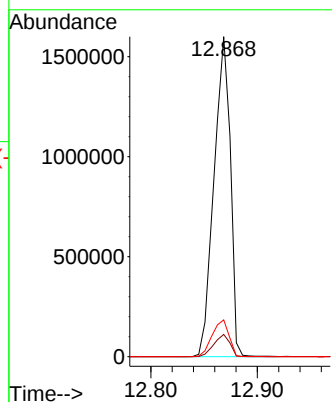
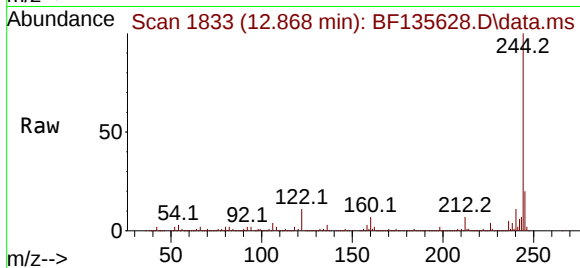
Tgt Ion:244 Resp: 1707194

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 11.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 59.931 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

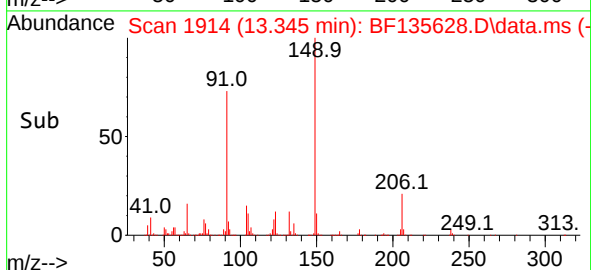
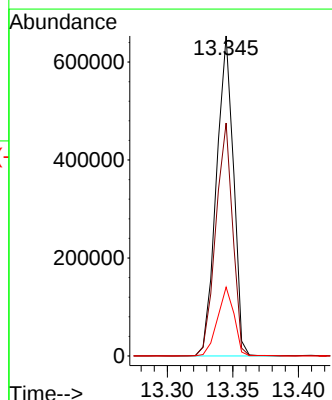
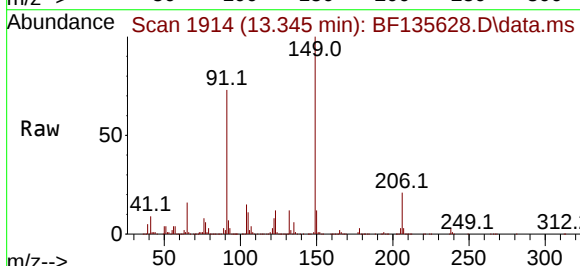
Tgt Ion:149 Resp: 591489

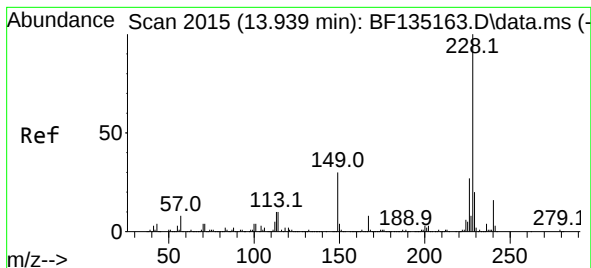
Ion Ratio Lower Upper

149 100

91 72.8 54.7 82.1

206 21.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 55.131 ng

RT: 13.921 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

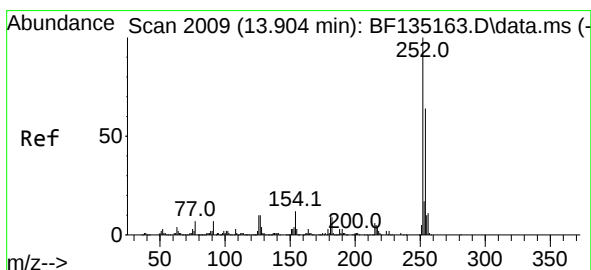
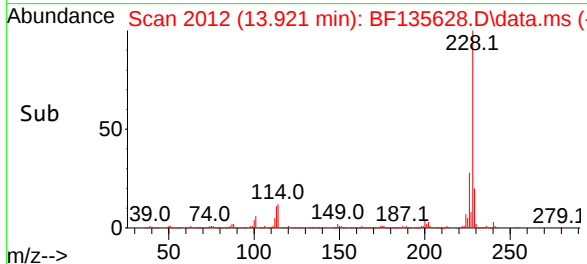
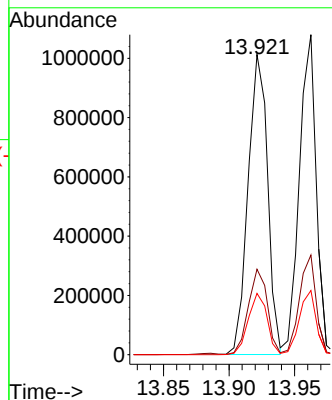
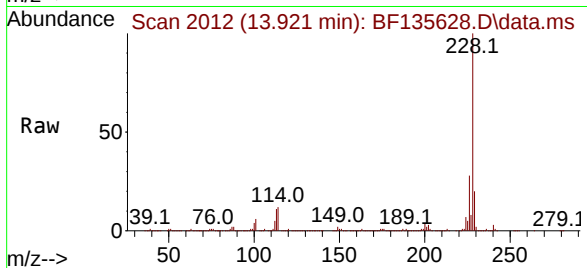
Tgt Ion:228 Resp: 1048154

Ion Ratio Lower Upper

228 100

226 28.5 21.7 32.5

229 20.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 35.972 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

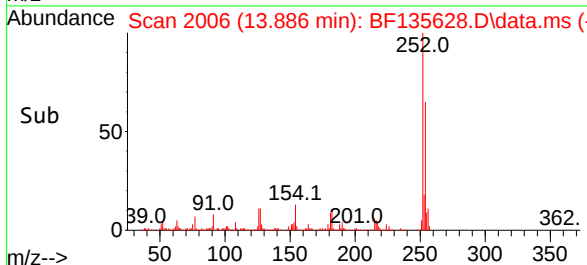
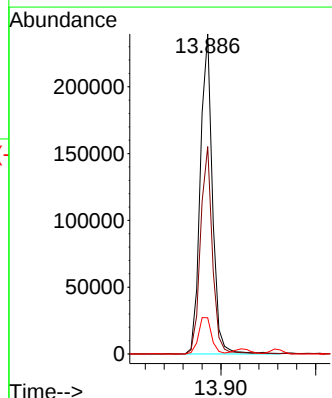
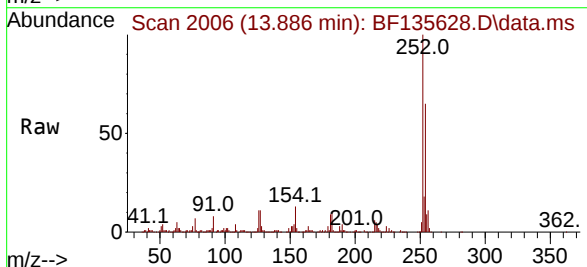
Tgt Ion:252 Resp: 213618

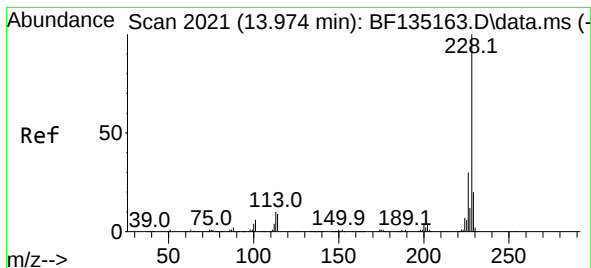
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.4

126 11.3 7.8 11.8





#83

Chrysene

Concen: 51.469 ng

RT: 13.962 min Scan# 2009

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

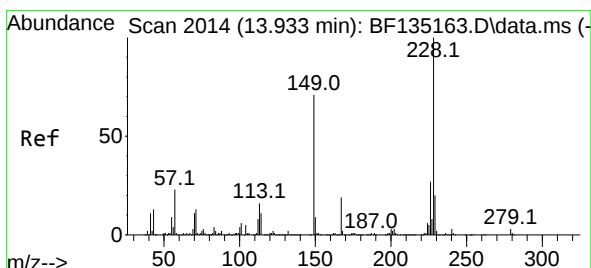
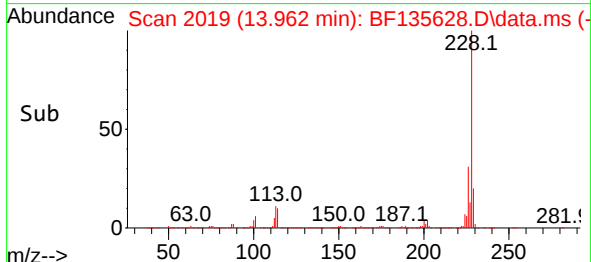
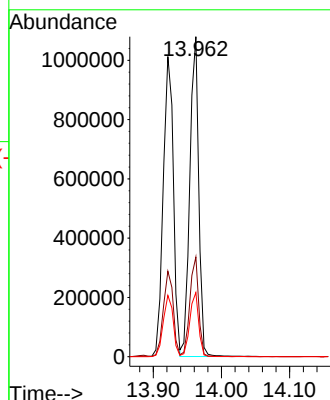
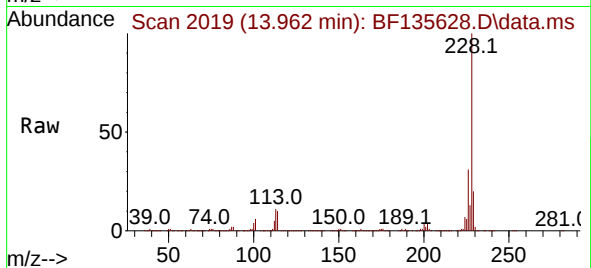
Tgt Ion:228 Resp: 972894

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.400 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

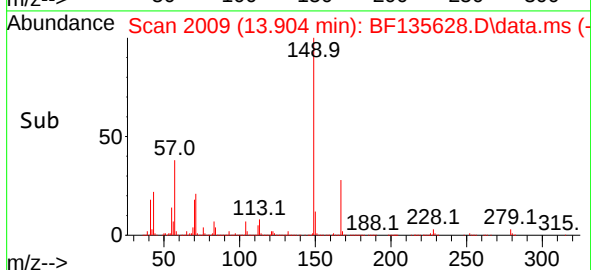
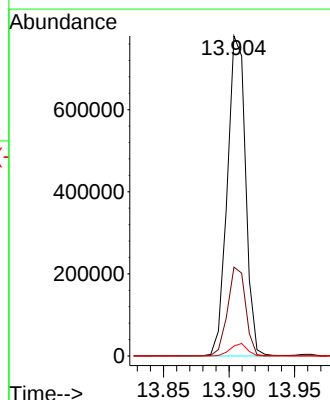
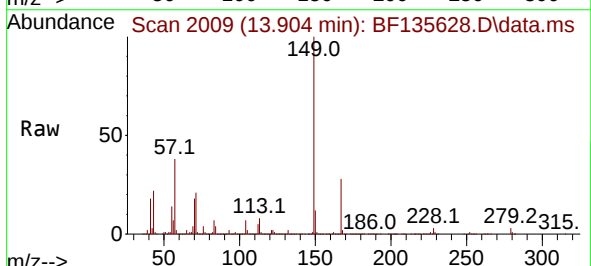
Tgt Ion:149 Resp: 753512

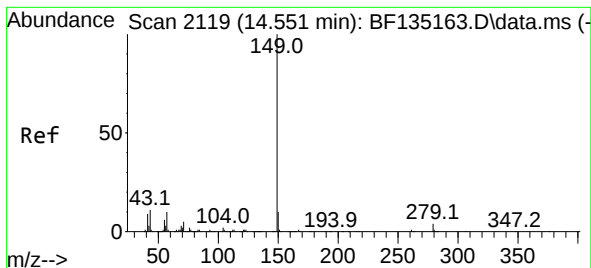
Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 3.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 70.219 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

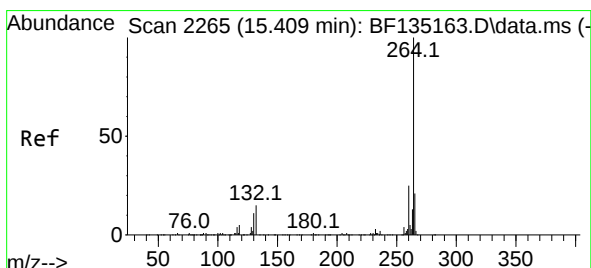
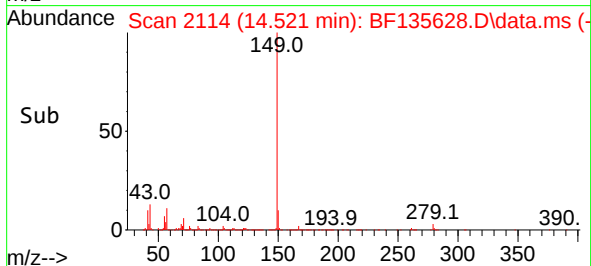
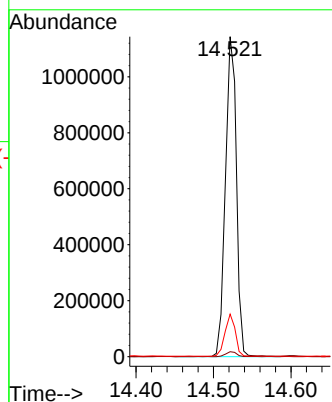
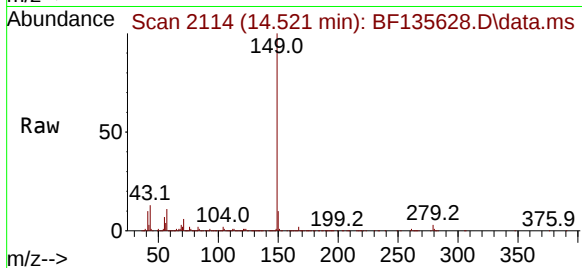
Tgt Ion:149 Resp: 1130188

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

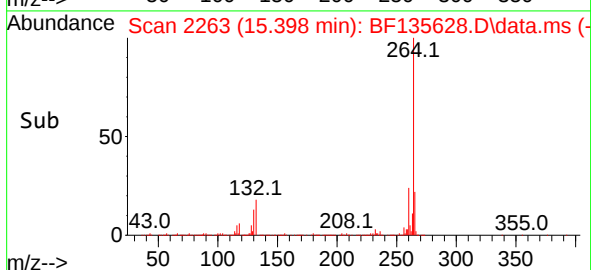
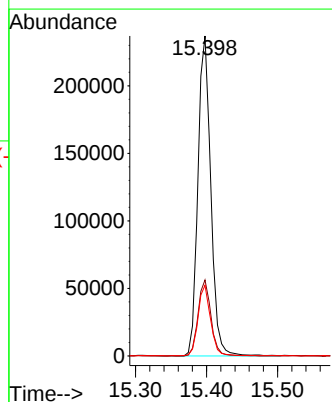
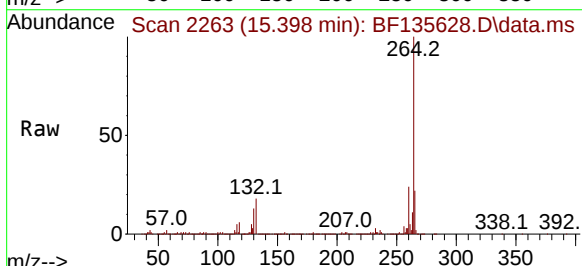
Tgt Ion:264 Resp: 299651

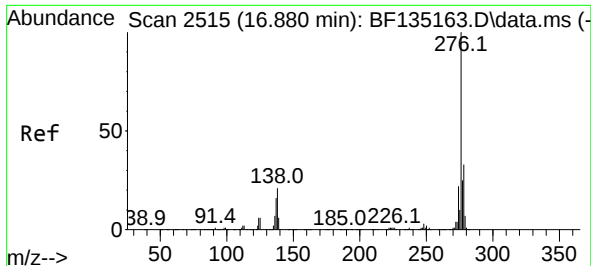
Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 22.1 17.0 25.4

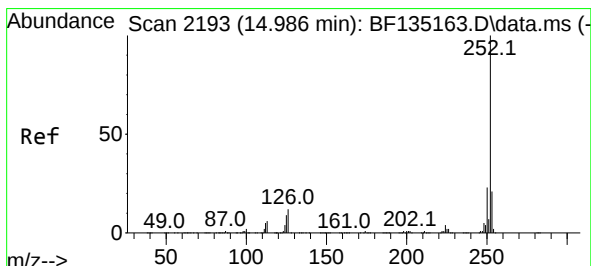
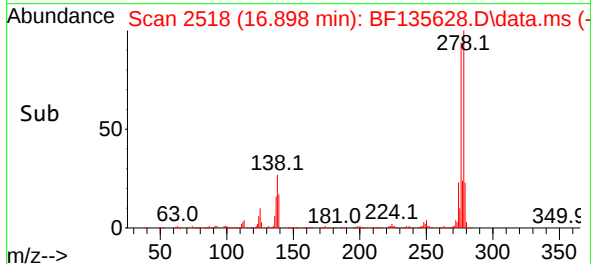
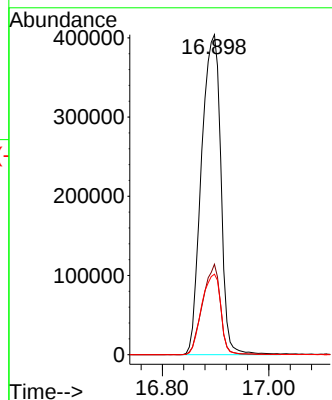
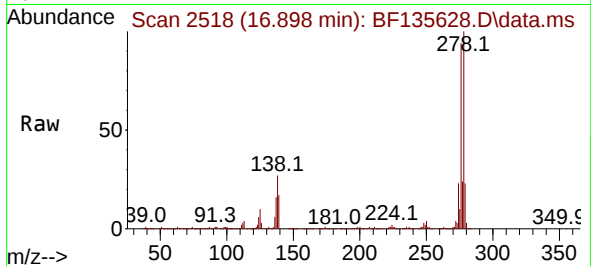




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.822 ng
 RT: 16.898 min Scan# 2119
 Delta R.T. 0.029 min
 Lab File: BF135628.D
 Acq: 06 Oct 2023 14:39

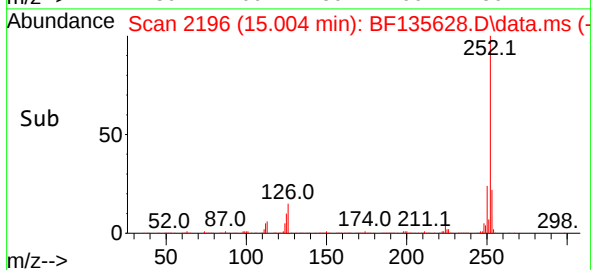
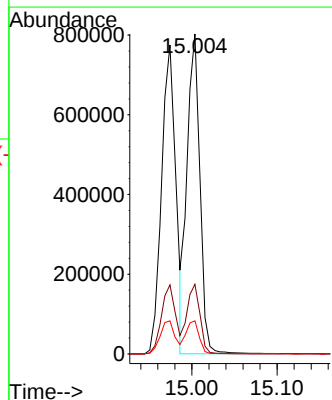
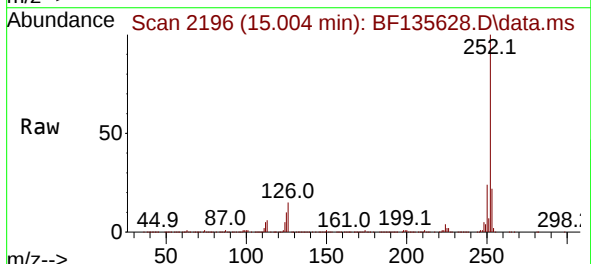
Instrument :
 BNA_F
 ClientSampleId :

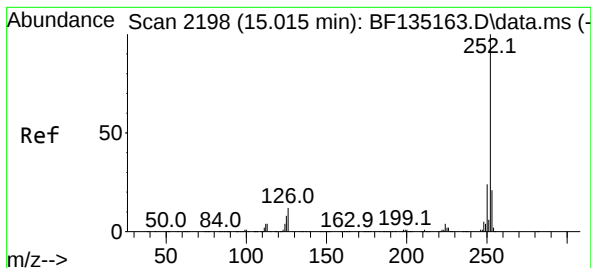
Tgt Ion:276 Resp: 1018151
 Ion Ratio Lower Upper
 276 100
 138 26.0 19.2 28.8
 277 25.0 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 51.848 ng
 RT: 15.004 min Scan# 2196
 Delta R.T. 0.041 min
 Lab File: BF135628.D
 Acq: 06 Oct 2023 14:39

Tgt Ion:252 Resp: 841043
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 10.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 52.488 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

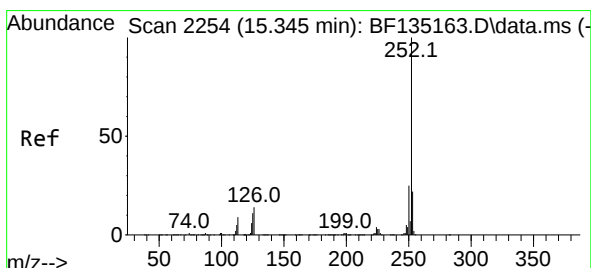
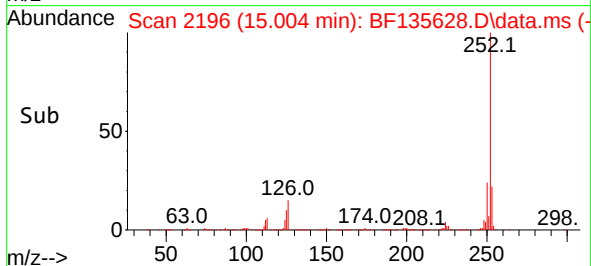
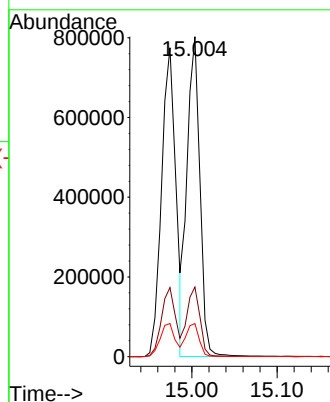
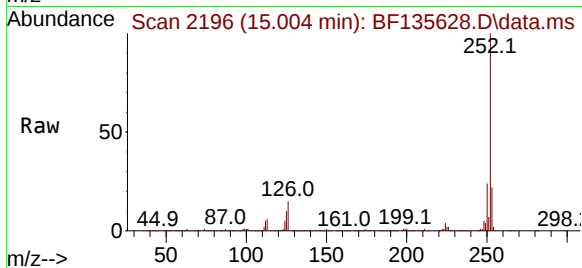
Tgt Ion:252 Resp: 841043

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 51.247 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

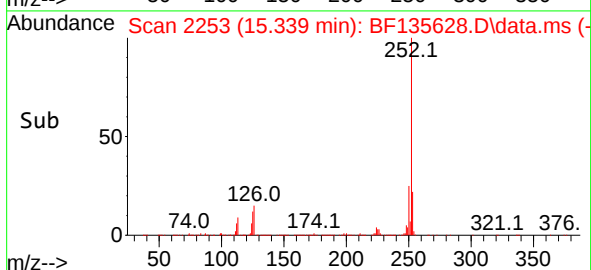
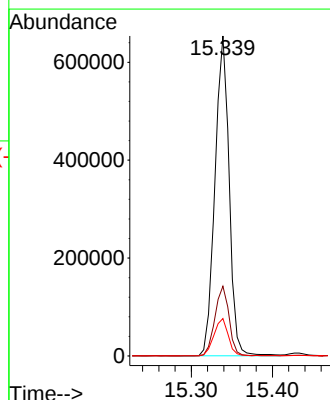
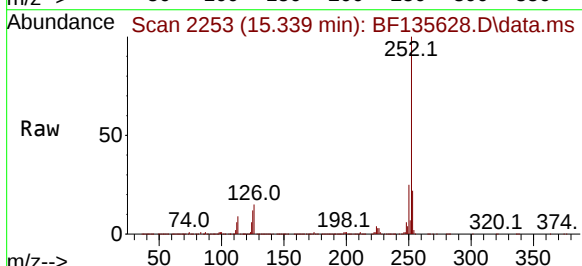
Tgt Ion:252 Resp: 792743

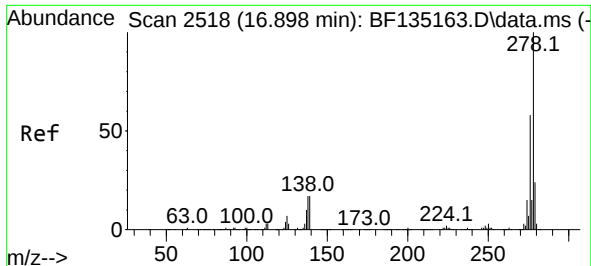
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

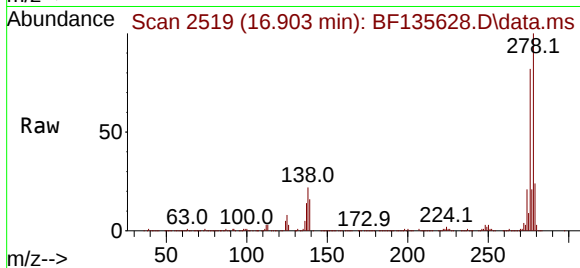
125 11.7 9.2 13.8



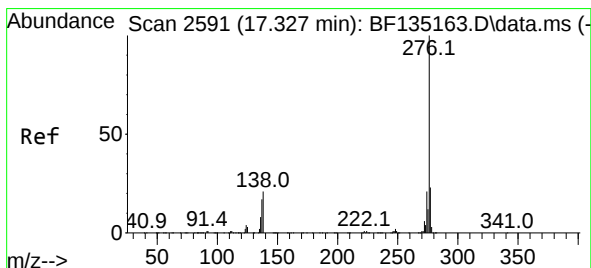
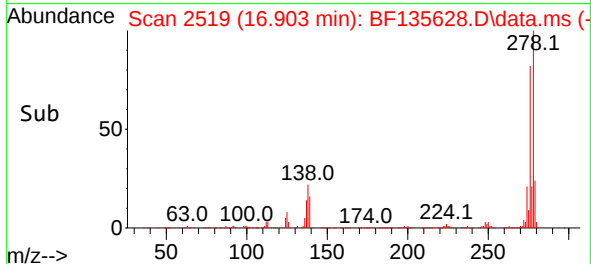
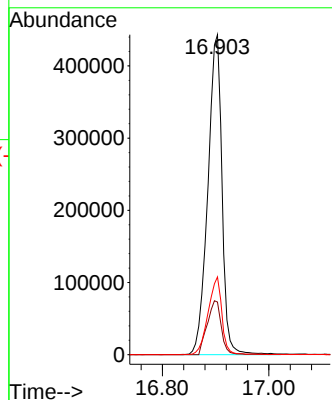


#91
Dibenzo(a,h)anthracene
Concen: 51.052 ng
RT: 16.903 min Scan# 2518
Delta R.T. 0.024 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 820687
Ion Ratio Lower Upper
278 100
139 16.5 13.4 20.0
279 24.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 50.959 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.024 min
Lab File: BF135628.D
Acq: 06 Oct 2023 14:39

Tgt Ion:276 Resp: 855547
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 23.2 16.9 25.3

