

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135962.D
 Acq On : 26 Oct 2023 14:31
 Operator : CG\JU
 Sample : 05015-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Quant Time: Oct 26 14:50:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	173858	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	691072	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	359004	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	649262	20.000	ng	0.00
76) Chrysene-d12	14.010	240	311553	20.000	ng	0.00
86) Perylene-d12	15.492	264	381876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	959364	85.208	ng	0.00
7) Phenol-d6	6.457	99	1215329	86.704	ng	0.00
23) Nitrobenzene-d5	7.387	82	688094	66.682	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	332599	105.844	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1307840	58.333	ng	0.00
79) Terphenyl-d14	12.951	244	1344312	72.092	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	209876	40.128	ng	99
3) Pyridine	3.422	79	505674	35.029	ng	99
4) n-Nitrosodimethylamine	3.399	42	258881	41.128	ng	96
6) Aniline	6.487	93	464889	24.631	ng	100
8) 2-Chlorophenol	6.610	128	548660	47.072	ng	97
9) Benzaldehyde	6.375	77	161992	21.364	ng	97
10) Phenol	6.469	94	685639	46.789	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	521629	45.732	ng	96
12) 1,3-Dichlorobenzene	6.763	146	564079	45.562	ng	100
13) 1,4-Dichlorobenzene	6.845	146	570718	45.900	ng	98
14) 1,2-Dichlorobenzene	6.993	146	545676	47.260	ng	99
15) Benzyl Alcohol	6.969	79	436292	44.030	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	756317	45.025	ng	98
17) 2-Methylphenol	7.081	107	429400	41.800	ng	98
18) Hexachloroethane	7.334	117	204247	48.309	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	354930	44.528	ng	95
20) 3+4-Methylphenols	7.234	107	517611	41.748	ng	# 75
22) Acetophenone	7.234	105	711229	45.567	ng	99
24) Nitrobenzene	7.410	77	535319	46.841	ng	98
25) Isophorone	7.645	82	1015572	46.492	ng	100
26) 2-Nitrophenol	7.722	139	241903	55.931	ng	99
27) 2,4-Dimethylphenol	7.763	122	424772	42.666	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	631125	47.050	ng	99
29) 2,4-Dichlorophenol	7.963	162	443326	49.727	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	480225	47.575	ng	100
31) Naphthalene	8.128	128	1510006	45.194	ng	100
32) Benzoic acid	7.881	122	297606	56.269	ng	91
33) 4-Chloroaniline	8.175	127	143171	9.695	ng	97
34) Hexachlorobutadiene	8.245	225	271185	47.665	ng	99
35) Caprolactam	8.557	113	110536	37.258	ng	90
36) 4-Chloro-3-methylphenol	8.657	107	473163	49.943	ng	99
37) 2-Methylnaphthalene	8.822	142	977136	44.202	ng	100
38) 1-Methylnaphthalene	8.922	142	944715	45.735	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	455966	44.968	ng	99
41) Hexachlorocyclopentadiene	8.975	237	494899	98.985	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	305757	51.521	ng	99

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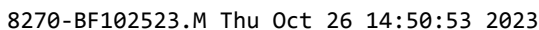
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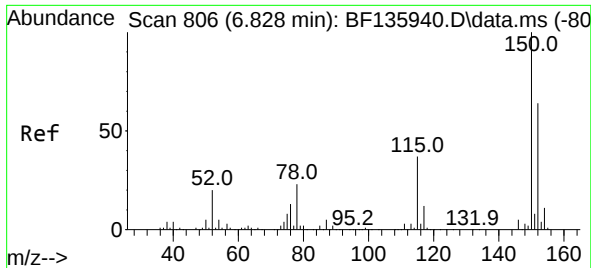
Quant Time: Oct 26 14:50:06 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	332894	47.244	ng	95
46) 1,1'-Biphenyl	9.287	154	1243450	45.710	ng	99
47) 2-Chloronaphthalene	9.310	162	932617	46.351	ng	97
48) 2-Nitroaniline	9.404	65	281440	50.588	ng	99
49) Acenaphthylene	9.728	152	1480099	46.628	ng	99
50) Dimethylphthalate	9.592	163	1085854	46.641	ng	99
51) 2,6-Dinitrotoluene	9.651	165	240034	49.556	ng	89
52) Acenaphthene	9.898	154	992848	48.805	ng	99
53) 3-Nitroaniline	9.816	138	148987	27.907	ng	95
54) 2,4-Dinitrophenol	9.922	184	153289	81.939	ng	97
55) Dibenzofuran	10.075	168	1359343	46.254	ng	98
56) 4-Nitrophenol	9.981	139	410017	86.737	ng	97
57) 2,4-Dinitrotoluene	10.057	165	308426	51.184	ng	97
58) Fluorene	10.416	166	1013585	46.099	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	274715	51.811	ng	99
60) Diethylphthalate	10.298	149	1041622	46.918	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	474962	44.782	ng	97
62) 4-Nitroaniline	10.433	138	248621	43.915	ng	95
63) Azobenzene	10.569	77	1015340	45.067	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	115642	52.503	ng	98
66) n-Nitrosodiphenylamine	10.533	169	913606	46.579	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	317105	47.691	ng	94
68) Hexachlorobenzene	10.963	284	354959	49.974	ng	92
69) Atrazine	11.063	200	308497	57.696	ng	99
70) Pentachlorophenol	11.157	266	376325	83.376	ng	99
71) Phenanthrene	11.380	178	1645159	50.084	ng	99
72) Anthracene	11.433	178	1536615	45.687	ng	99
73) Carbazole	11.586	167	1353498	45.112	ng	99
74) Di-n-butylphthalate	11.928	149	1554043	48.676	ng	100
75) Fluoranthene	12.575	202	1627963	47.109	ng	98
77) Benzidine	12.698	184	438427	72.981	ng	99
78) Pyrene	12.804	202	1544948	59.059	ng	100
80) Butylbenzylphthalate	13.439	149	494209	49.831	ng	98
81) Benzo(a)anthracene	13.998	228	1049241	49.530	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	168218	26.101	ng	98
83) Chrysene	14.033	228	986173	47.798	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	548204	50.963	ng	100
85) Di-n-octyl phthalate	14.621	149	927662	54.744	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1252576	57.846	ng	99
88) Benzo(b)fluoranthene	15.057	252	1137505	50.052	ng	100
89) Benzo(k)fluoranthene	15.086	252	902804	40.448	ng	100
90) Benzo(a)pyrene	15.427	252	954281	45.560	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1014510	54.774	ng	99
92) Benzo(g,h,i)perylene	17.462	276	977499	46.542	ng	99

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

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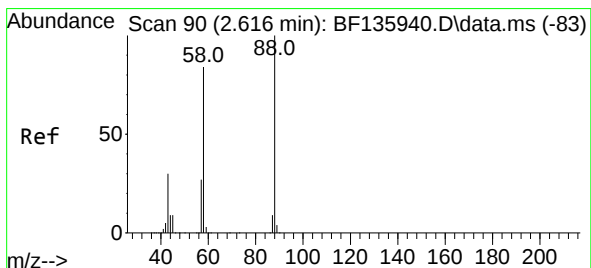
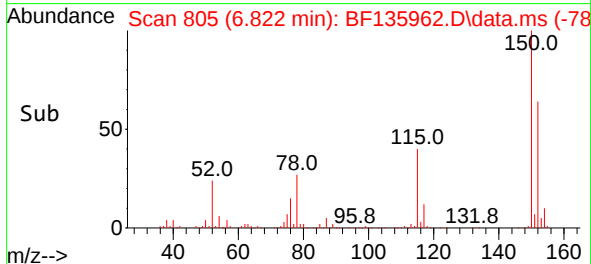
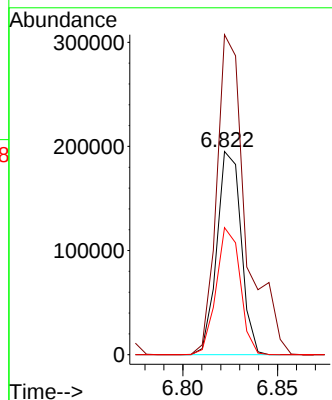
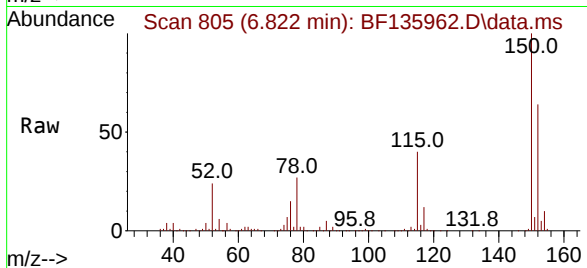




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31

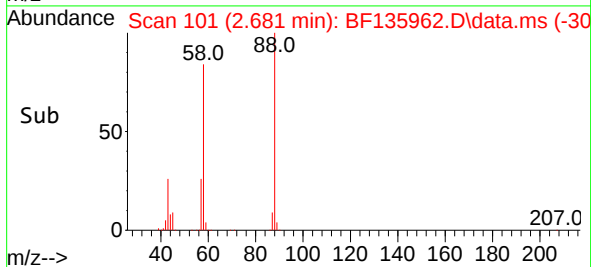
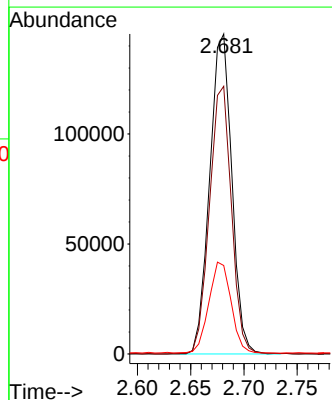
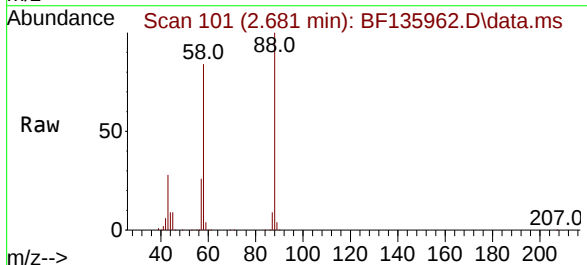
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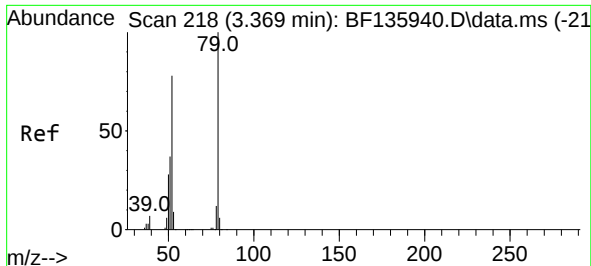
Tgt Ion:152 Resp: 173858
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 62.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 40.128 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.065 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31

Tgt Ion: 88 Resp: 209876
 Ion Ratio Lower Upper
 88 100
 58 83.1 66.6 100.0
 43 28.8 23.8 35.8

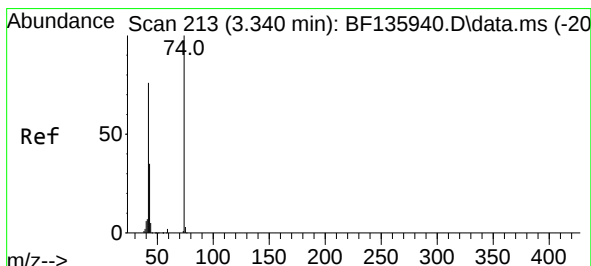
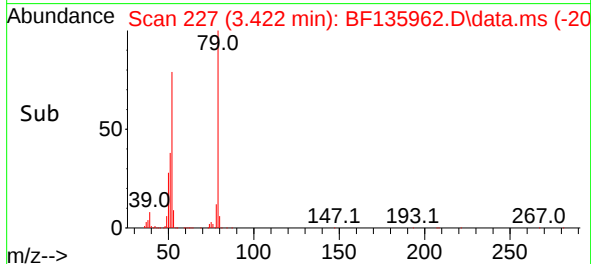
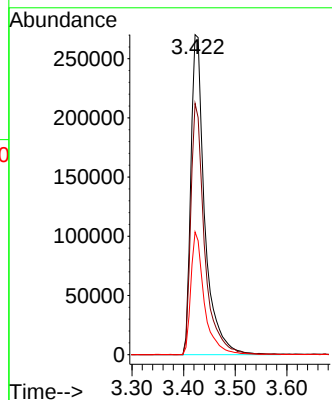
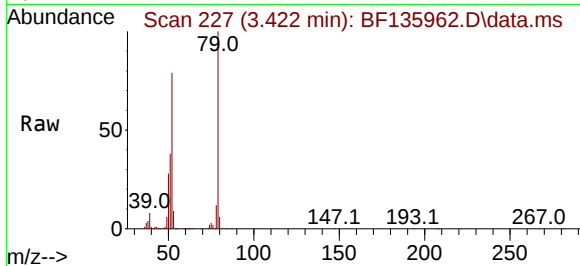




#3
Pyridine
Concen: 35.029 ng
RT: 3.422 min Scan# 218
Delta R.T. 0.053 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

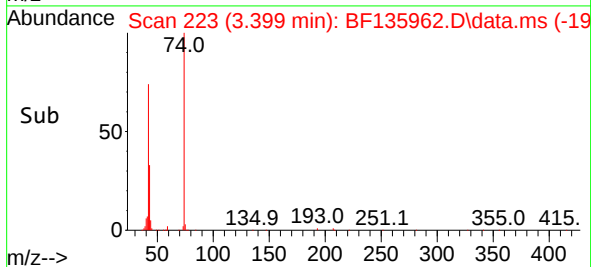
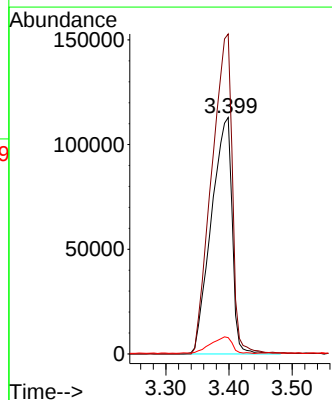
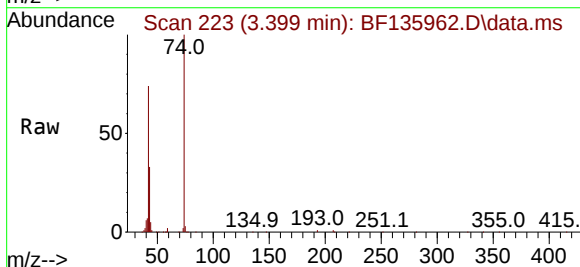
Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tgt Ion: 79 Resp: 505674
Ion Ratio Lower Upper
79 100
52 78.5 62.6 93.8
51 38.4 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 41.128 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.059 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 42 Resp: 258881
Ion Ratio Lower Upper
42 100
74 135.3 104.8 157.2
44 6.9 5.9 8.9

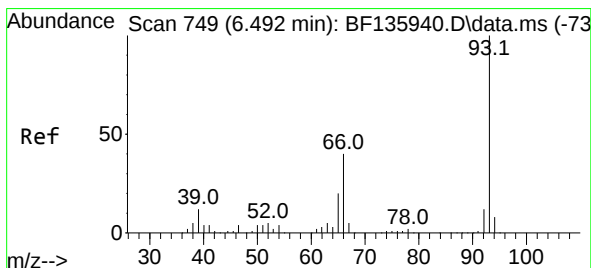
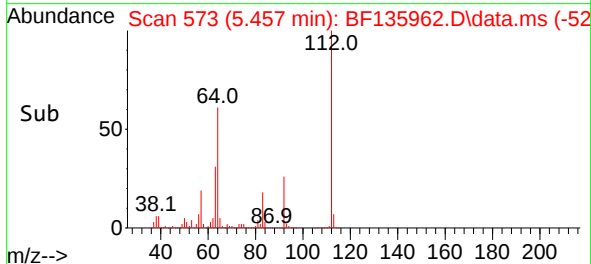
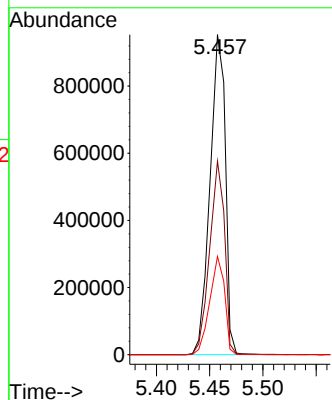
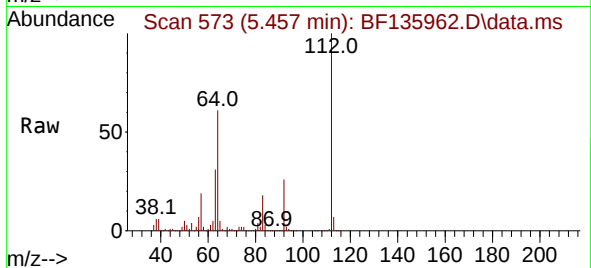




#5
2-Fluorophenol
Concen: 85.208 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

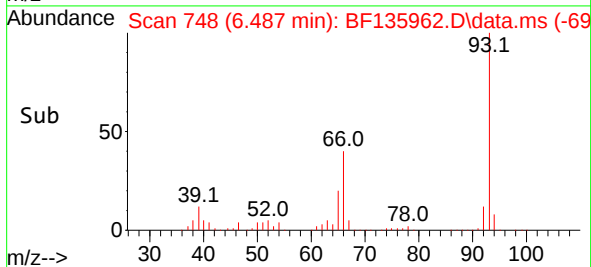
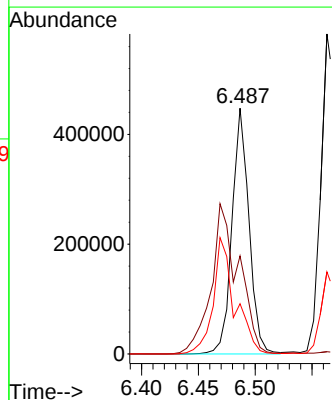
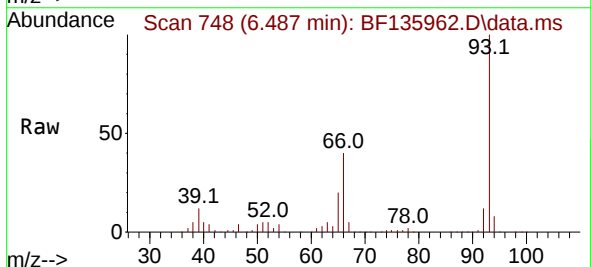
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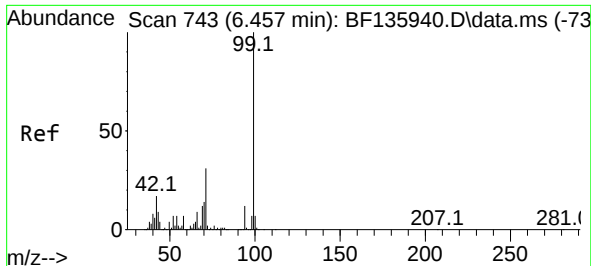
Tgt Ion:112 Resp: 959364
Ion Ratio Lower Upper
112 100
64 60.5 45.1 67.7
63 30.7 23.0 34.4



#6
Aniline
Concen: 24.631 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 93 Resp: 464889
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 20.4 16.2 24.4

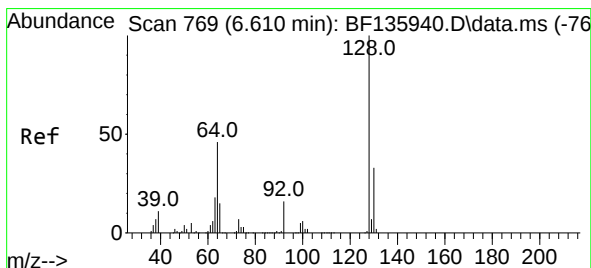
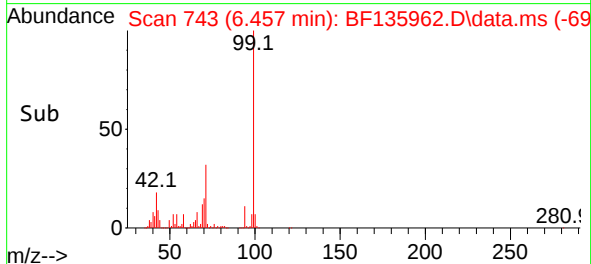
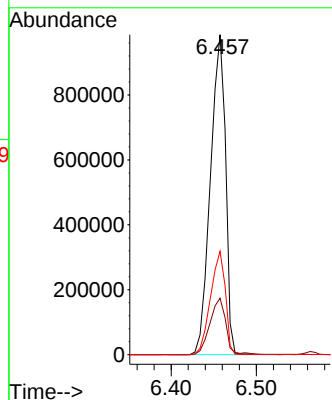
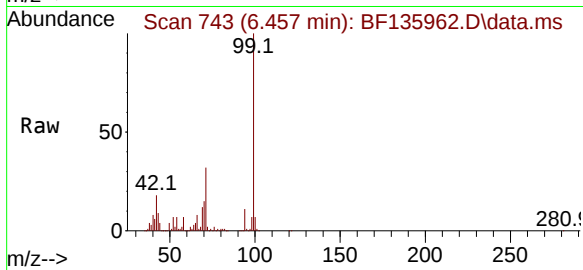




#7
Phenol-d6
Concen: 86.704 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

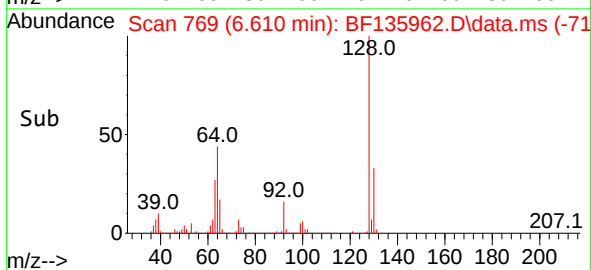
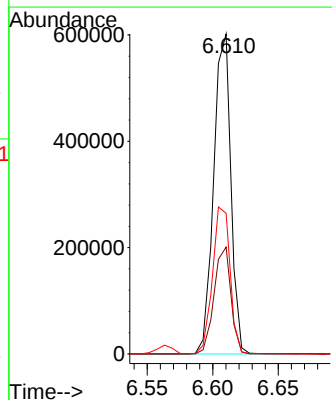
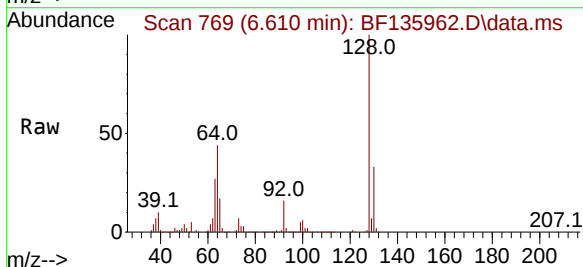
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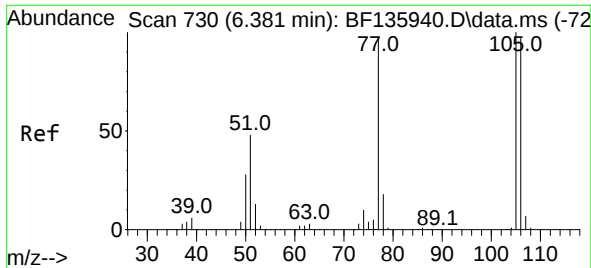
Tgt Ion: 99 Resp: 1215329
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 32.3 25.1 37.7



#8
2-Chlorophenol
Concen: 47.072 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 128 Resp: 548660
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 43.9 27.0 67.0

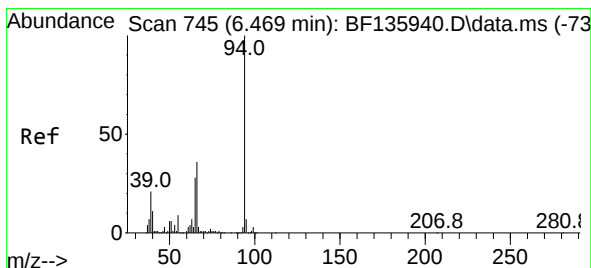
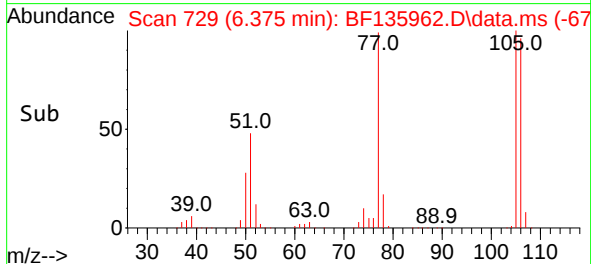
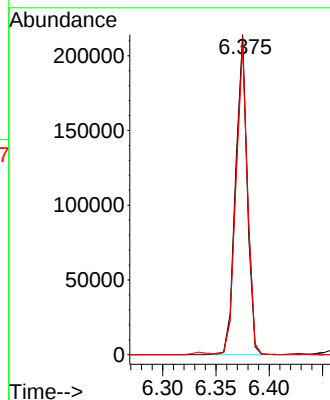
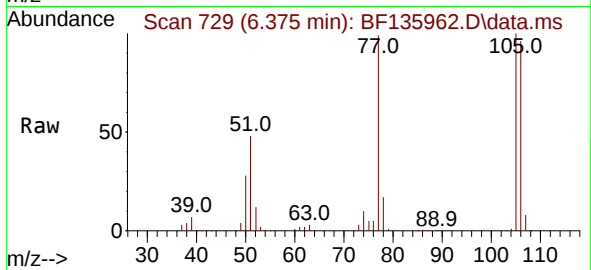




#9
Benzaldehyde
Concen: 21.364 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

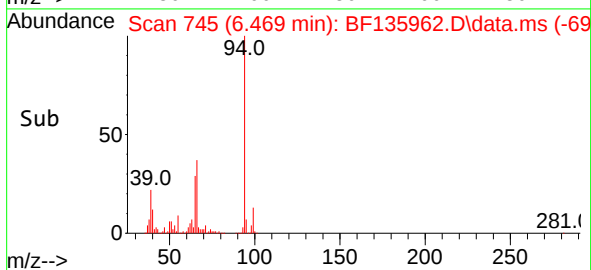
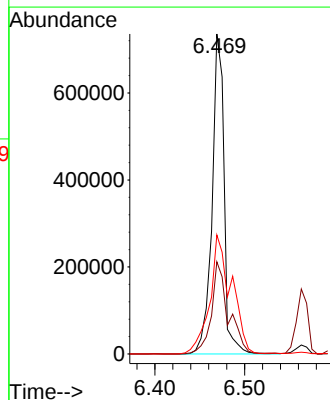
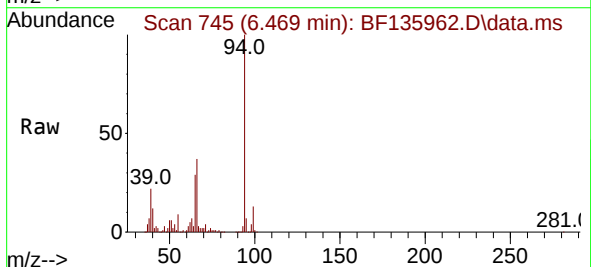
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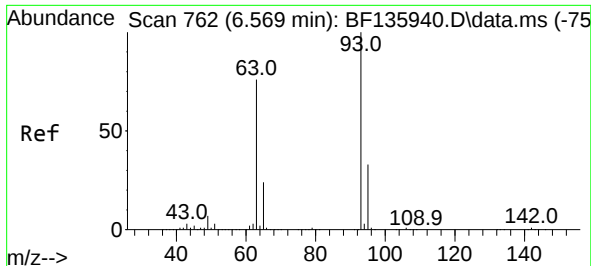
Tgt Ion: 77 Resp: 161992
Ion Ratio Lower Upper
77 100
105 100.7 83.2 123.2
106 97.0 80.0 120.0



#10
Phenol
Concen: 46.789 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 94 Resp: 685639
Ion Ratio Lower Upper
94 100
65 28.8 7.8 47.8
66 37.2 16.5 56.5

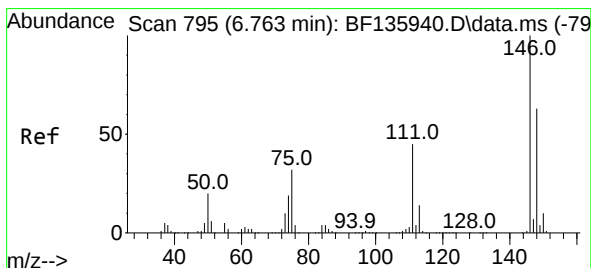
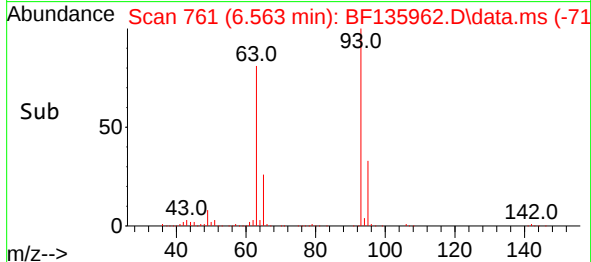
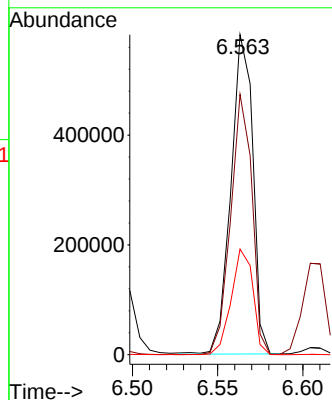
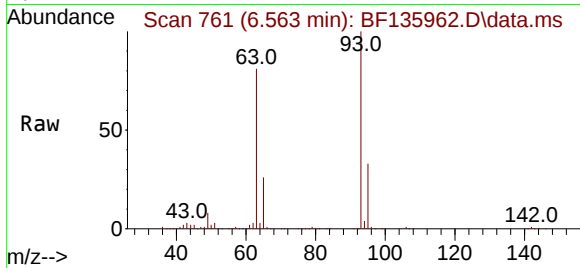




#11
bis(2-Chloroethyl)ether
Concen: 45.732 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

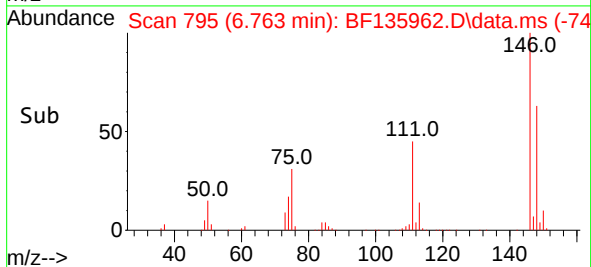
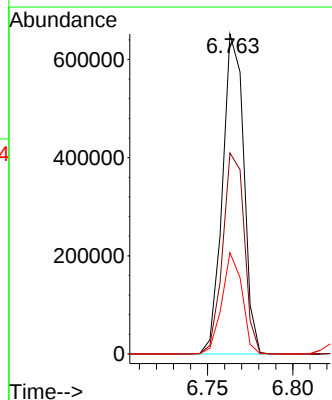
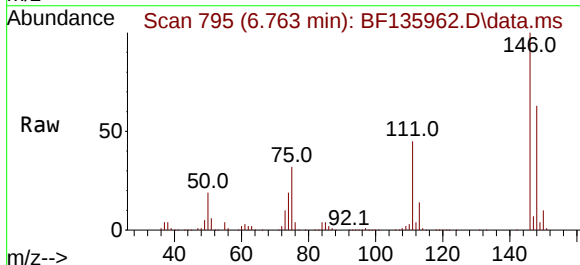
Instrument :
BNA_F
ClientSampleId :
72-11991MS

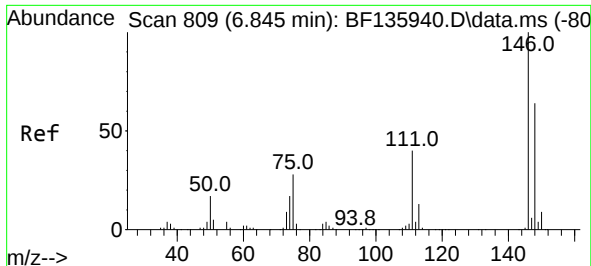
Tgt Ion: 93 Resp: 521629
Ion Ratio Lower Upper
93 100
63 81.3 56.2 96.2
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.562 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 146 Resp: 564079
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
75 31.6 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 45.900 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

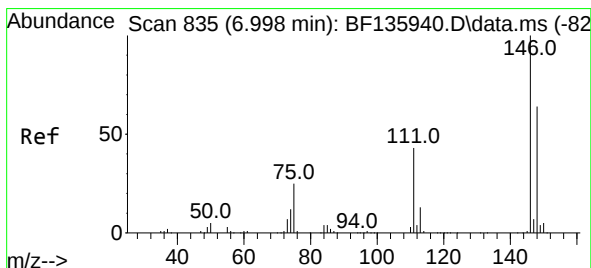
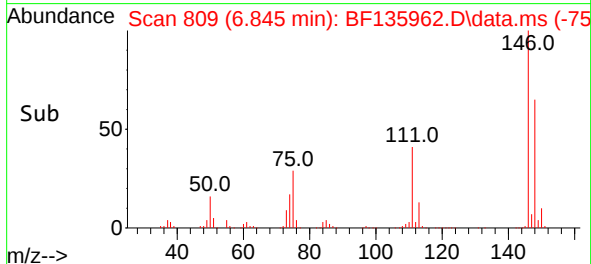
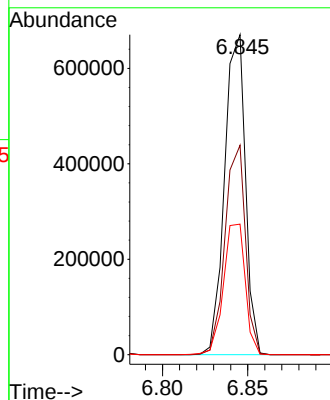
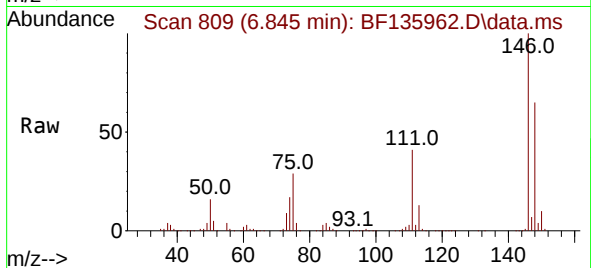
Tgt Ion:146 Resp: 570718

Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.2

111 40.8 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 47.260 ng

RT: 6.993 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

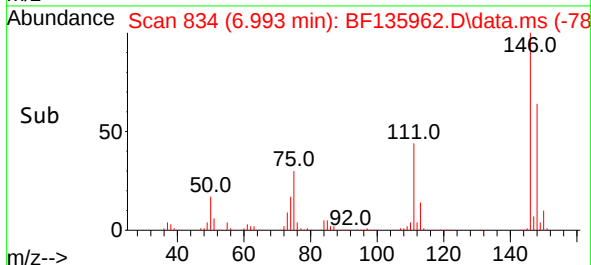
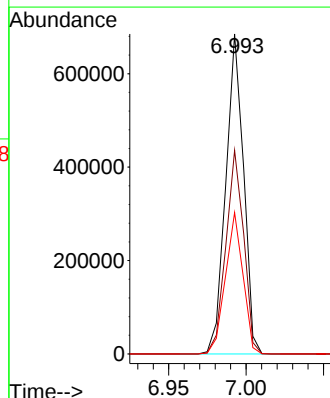
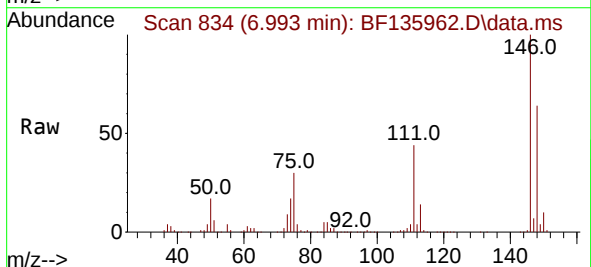
Tgt Ion:146 Resp: 545676

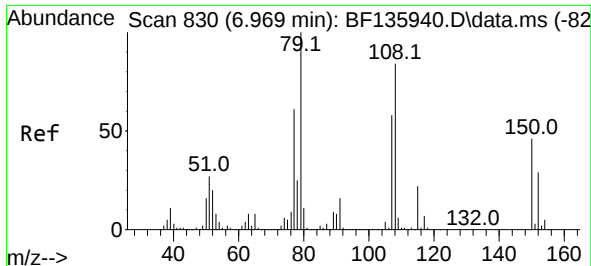
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

111 44.2 34.2 51.4

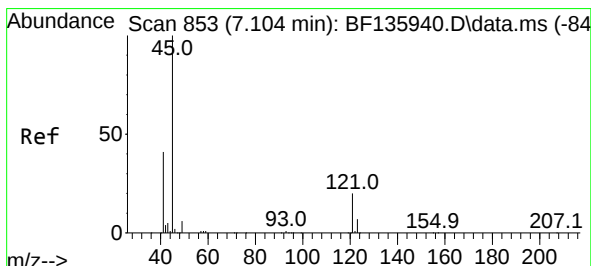
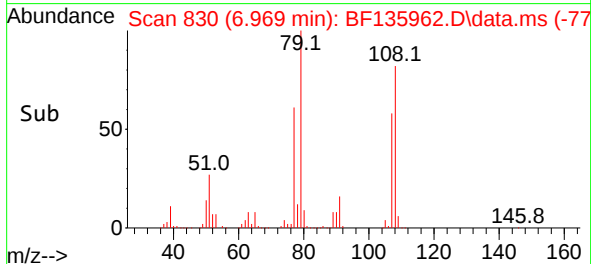
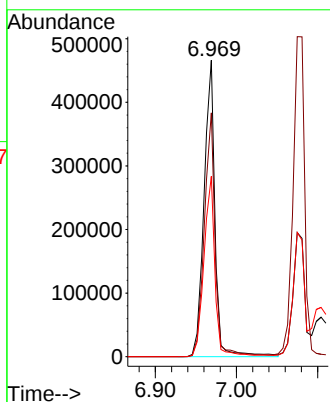
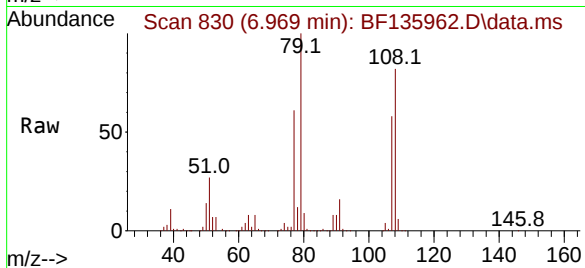




#15
Benzyl Alcohol
Concen: 44.030 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

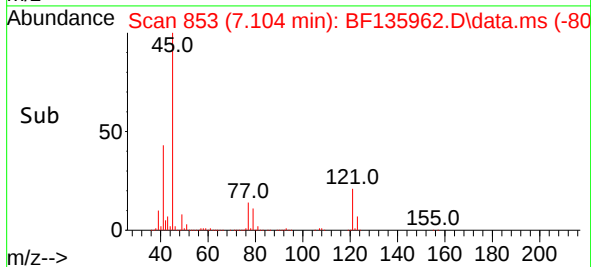
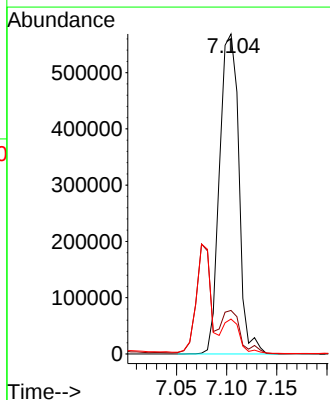
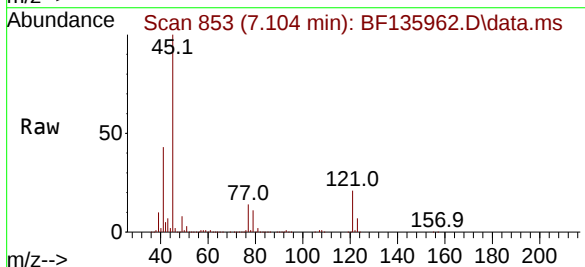
Instrument :
BNA_F
ClientSampleId :
72-11991MS

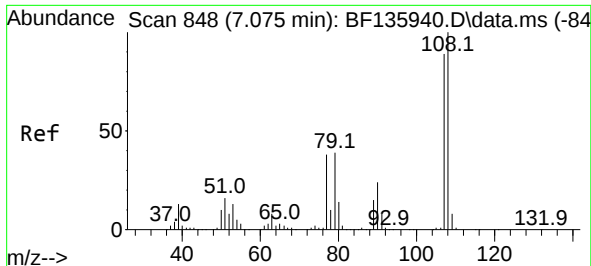
Tgt Ion: 79 Resp: 436292
Ion Ratio Lower Upper
79 100
108 82.2 67.2 100.8
77 60.8 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.025 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

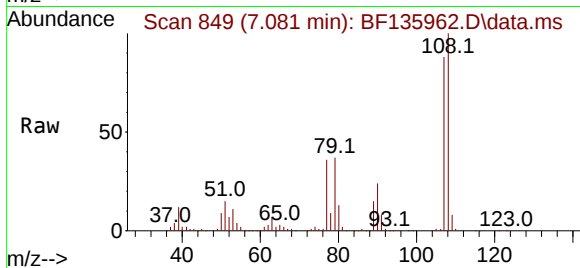
Tgt Ion: 45 Resp: 756317
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.2
79 10.9 0.0 29.8



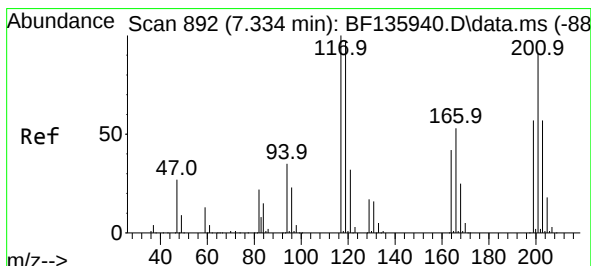
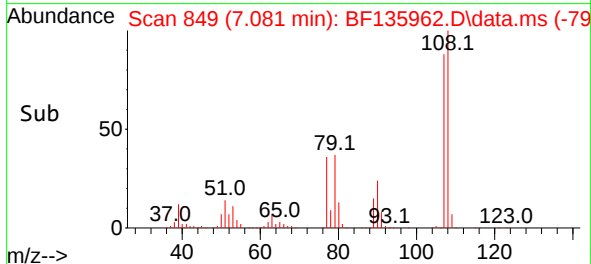
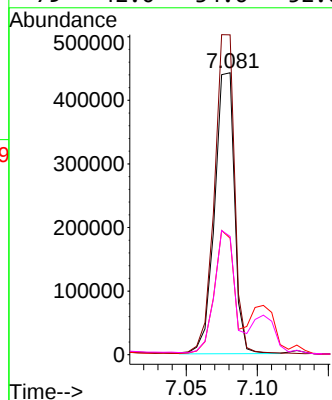


#17
2-Methylphenol
Concen: 41.800 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
72-11991MS

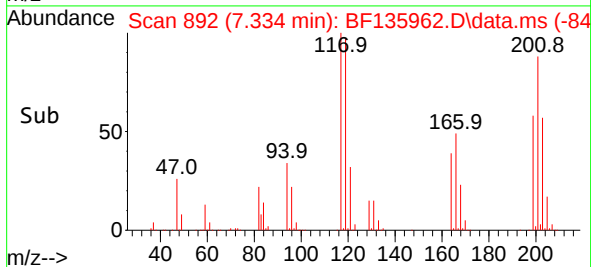
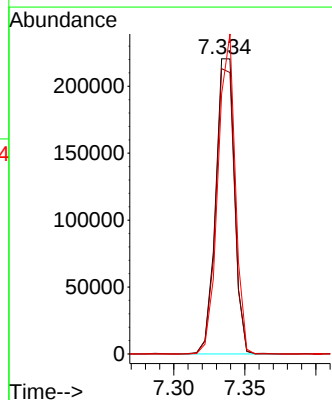
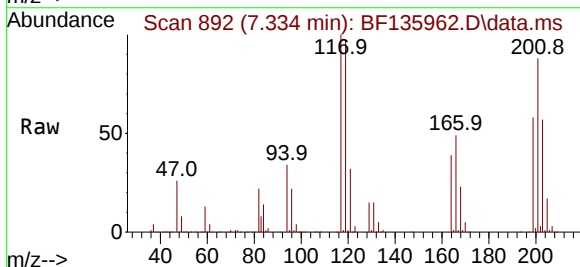


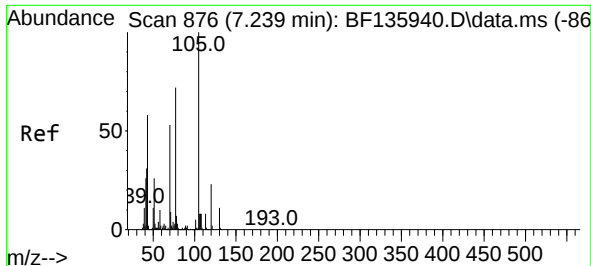
Tgt Ion:	107	Resp:	429400
Ion	Ratio	Lower	Upper
107	100		
108	113.4	89.8	134.6
77	41.3	34.2	51.2
79	42.0	34.6	52.0



#18
Hexachloroethane
Concen: 48.309 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:	117	Resp:	204247
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
201	88.1	72.8	109.2

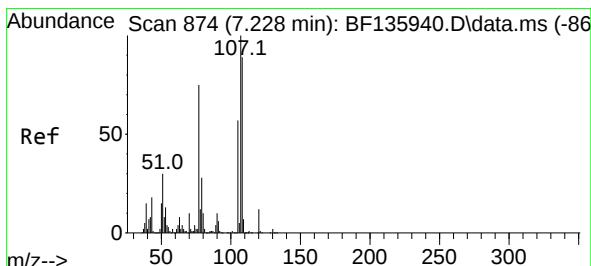
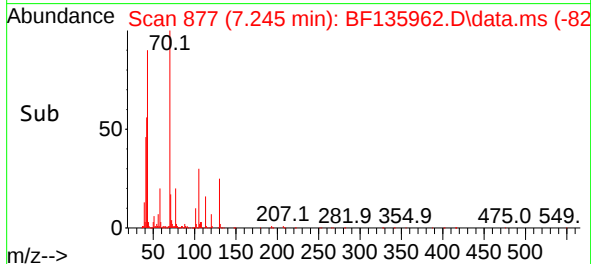
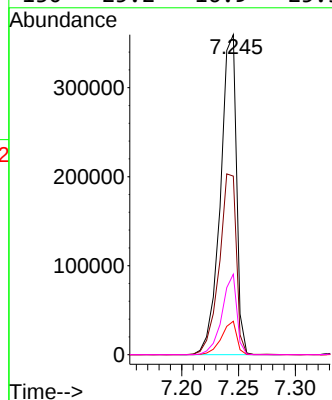
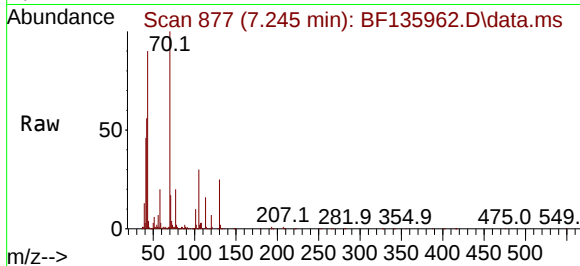




#19
n-Nitroso-di-n-propylamine
Concen: 44.528 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

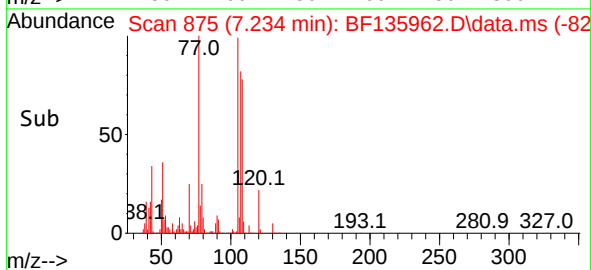
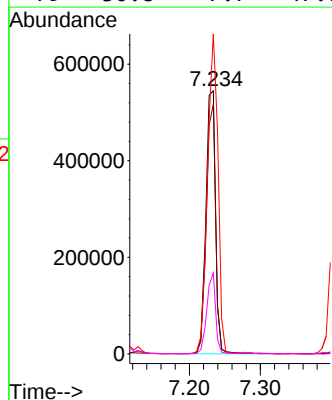
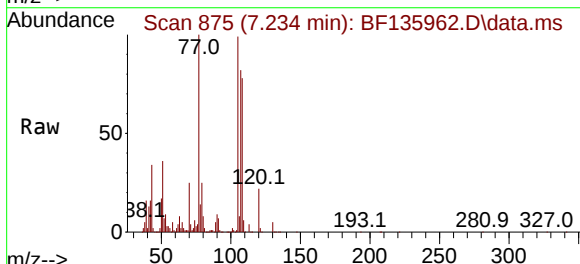
Instrument :
BNA_F
ClientSampleId :
72-11991MS

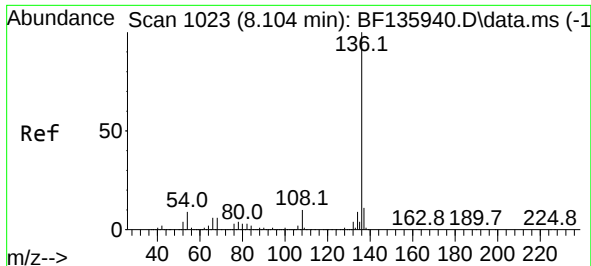
Tgt Ion: 70 Resp: 354930
Ion Ratio Lower Upper
70 100
42 55.8 47.3 70.9
101 10.5 7.8 11.8
130 25.2 16.9 25.3



#20
3+4-Methylphenols
Concen: 41.748 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 107 Resp: 517611
Ion Ratio Lower Upper
107 100
108 94.8 69.1 109.1
77 121.6 55.0 95.0#
79 30.8 7.7 47.7



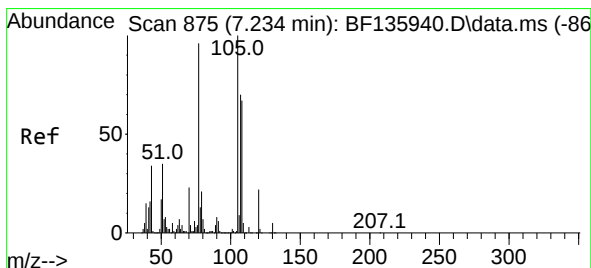
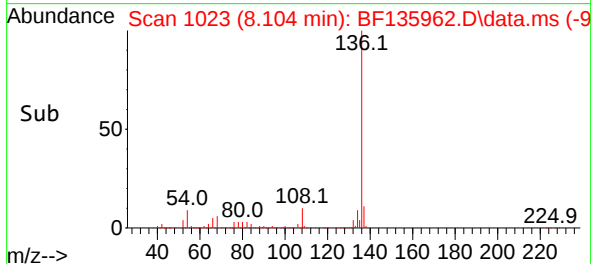
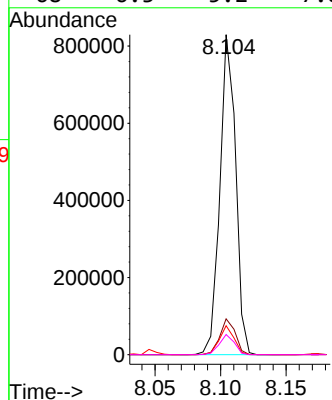
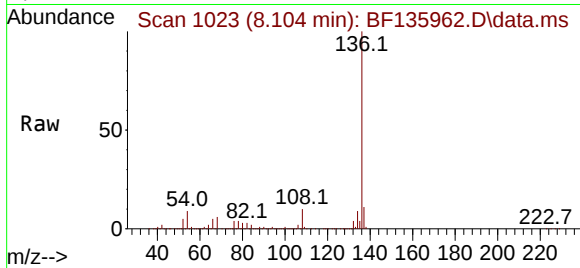


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tgt Ion:136 Resp: 691072

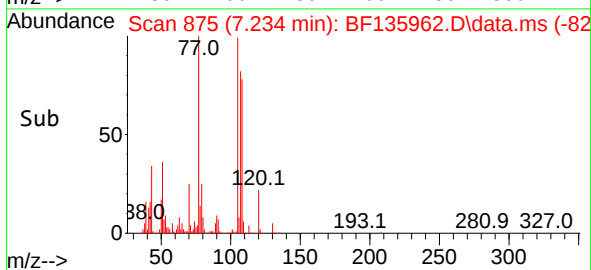
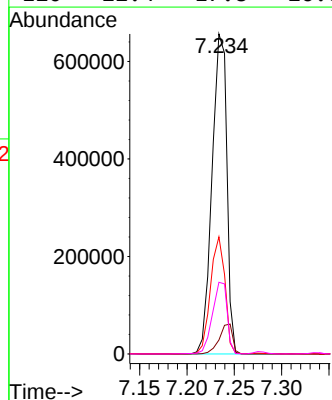
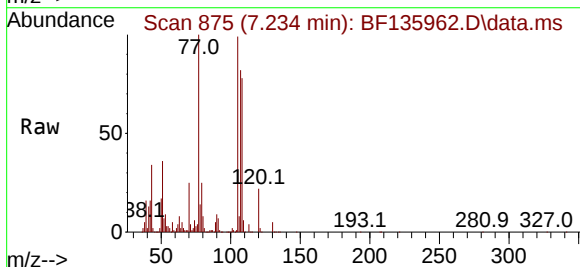
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.1	7.1	10.7
68	6.3	5.2	7.8

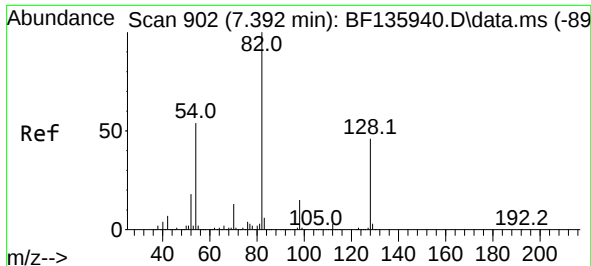


#22
Acetophenone
Concen: 45.567 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:105 Resp: 711229

Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.4	5.2
51	36.6	28.4	42.6
120	22.4	17.8	26.6

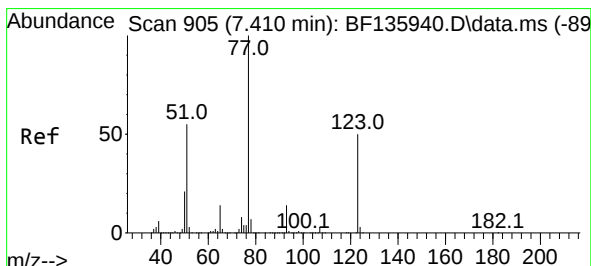
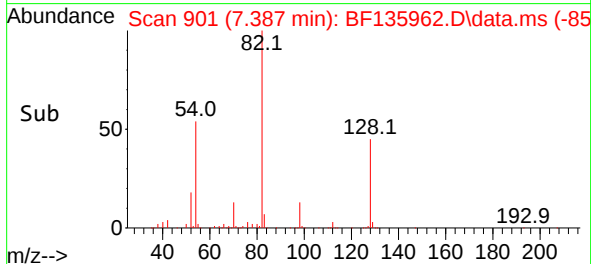
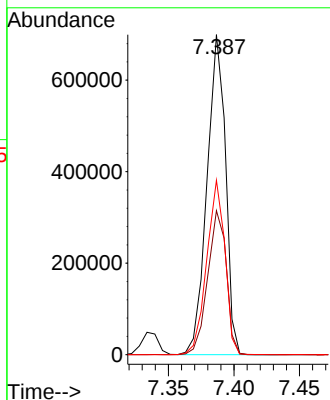
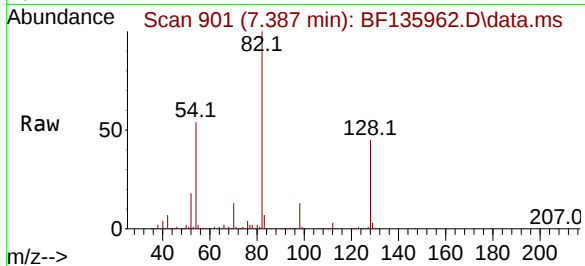




#23
Nitrobenzene-d5
Concen: 66.682 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.005 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

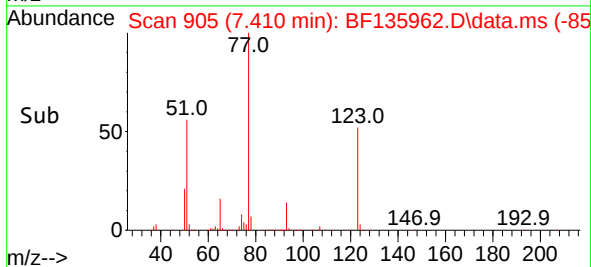
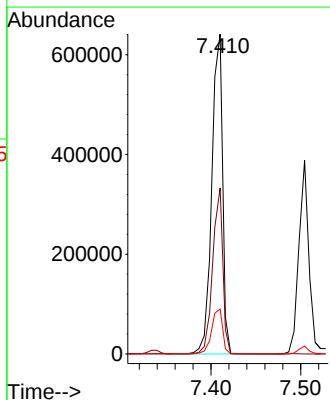
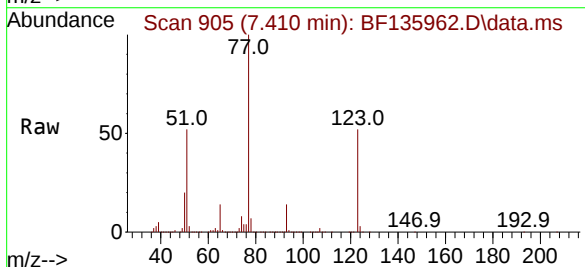
Instrument :
BNA_F
ClientSampleId :
72-11991MS

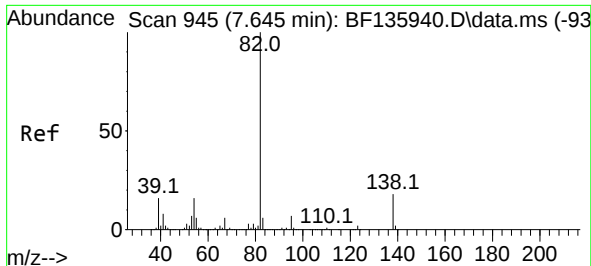
Tgt Ion: 82 Resp: 688094
Ion Ratio Lower Upper
82 100
128 45.0 36.8 55.2
54 54.5 43.4 65.0



#24
Nitrobenzene
Concen: 46.841 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 77 Resp: 535319
Ion Ratio Lower Upper
77 100
123 51.9 40.2 60.2
65 14.0 11.0 16.4

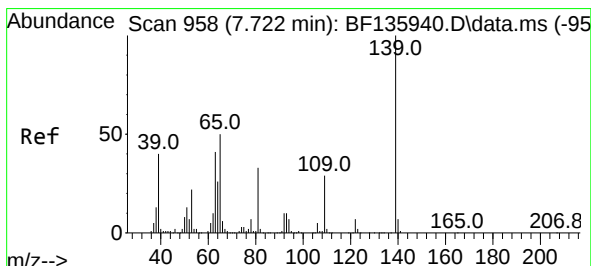
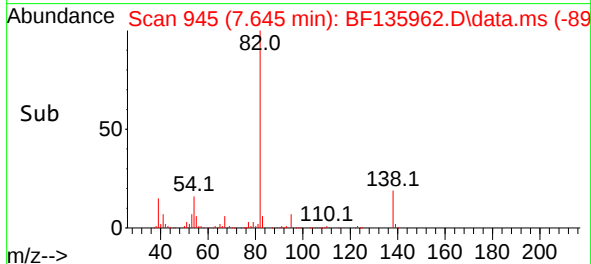
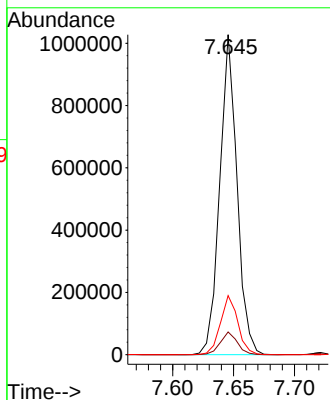
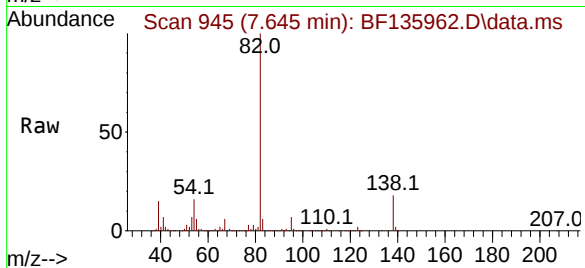




#25
Isophorone
Concen: 46.492 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

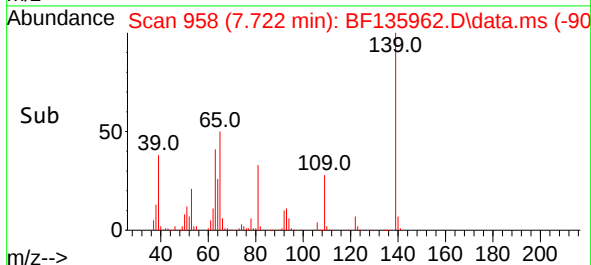
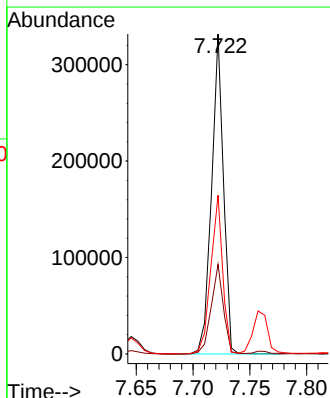
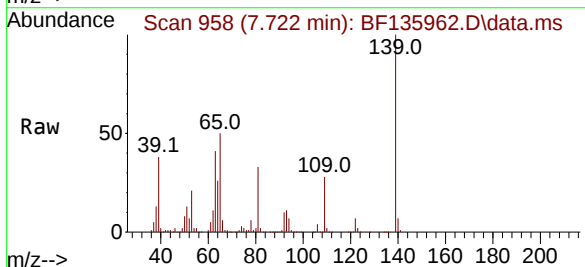
Instrument :
BNA_F
ClientSampleId :
72-11991MS

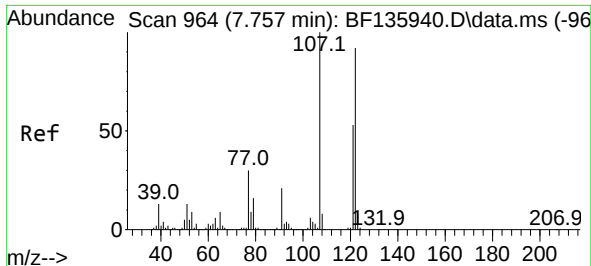
Tgt Ion: 82 Resp: 1015572
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.4 14.8 22.2



#26
2-Nitrophenol
Concen: 55.931 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:139 Resp: 241903
Ion Ratio Lower Upper
139 100
109 28.0 23.1 34.7
65 49.6 39.8 59.8

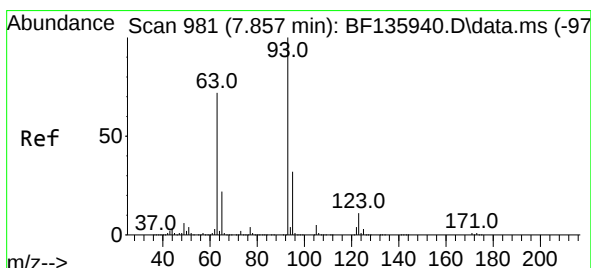
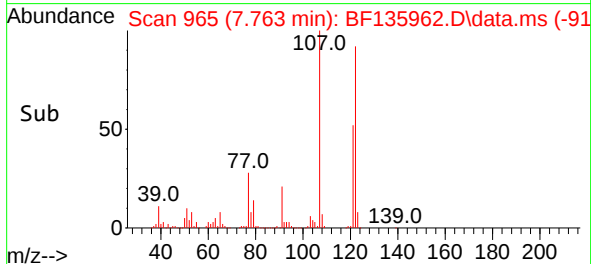
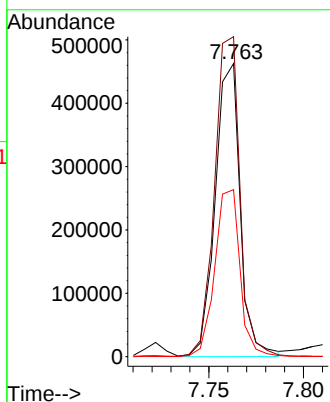
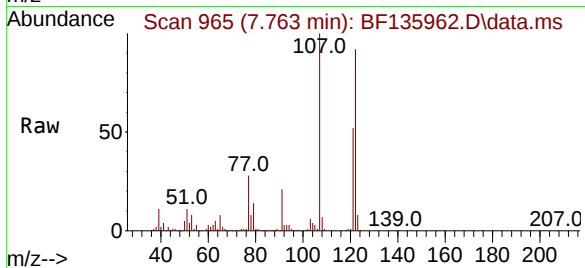




#27
2,4-Dimethylphenol
Concen: 42.666 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

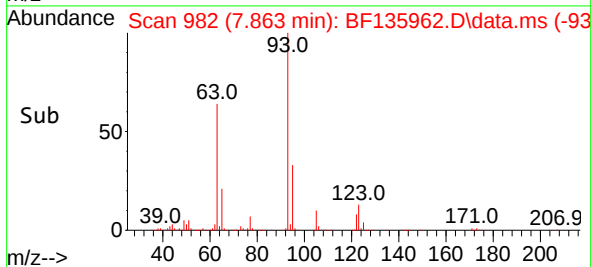
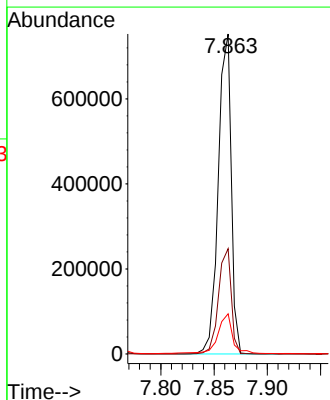
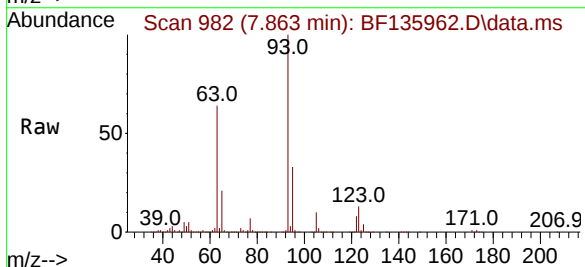
Instrument :
BNA_F
ClientSampleId :
72-11991MS

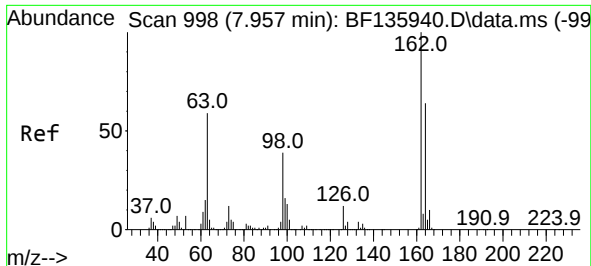
Tgt Ion:122 Resp: 424772
Ion Ratio Lower Upper
122 100
107 109.2 87.1 130.7
121 57.0 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.050 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 93 Resp: 631125
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 12.5 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 49.727 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

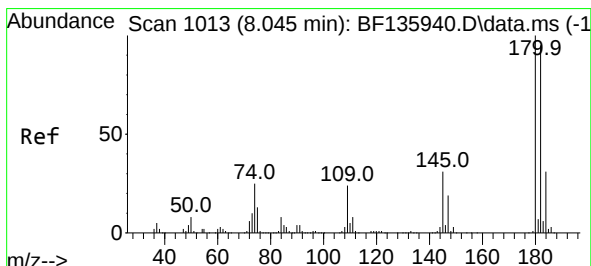
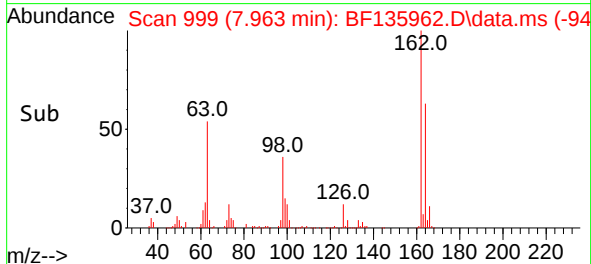
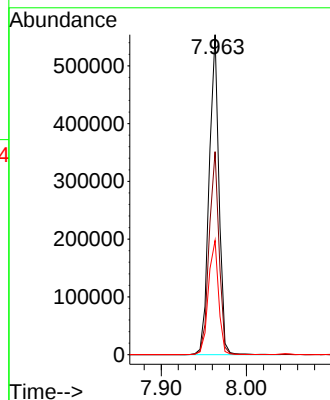
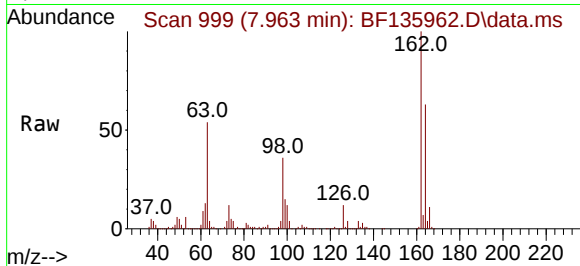
Tgt Ion:162 Resp: 443326

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 35.7 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 47.575 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

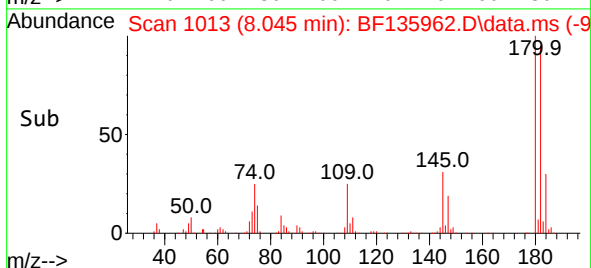
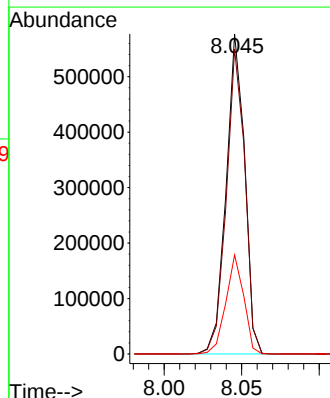
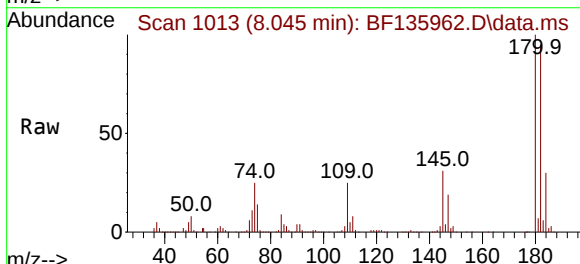
Tgt Ion:180 Resp: 480225

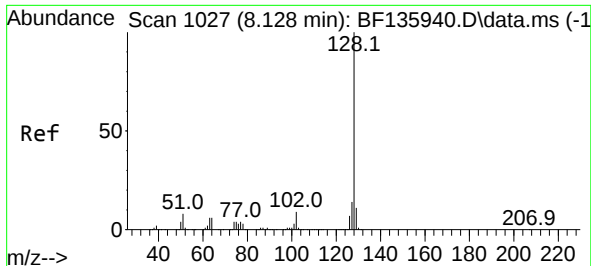
Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 31.0 24.6 36.8

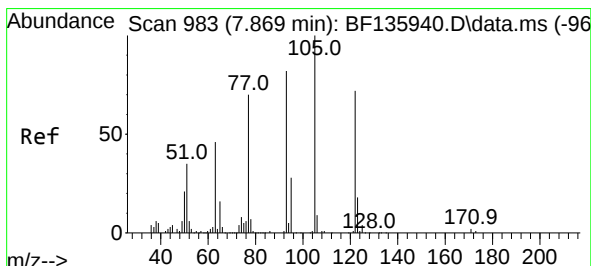
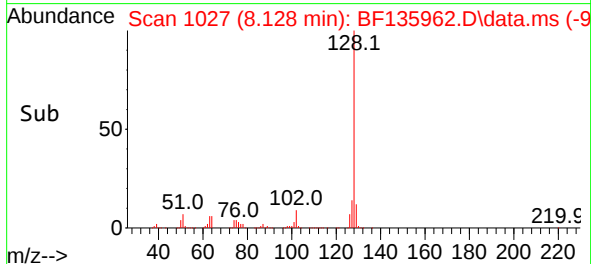
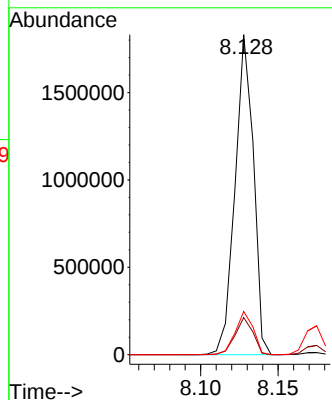
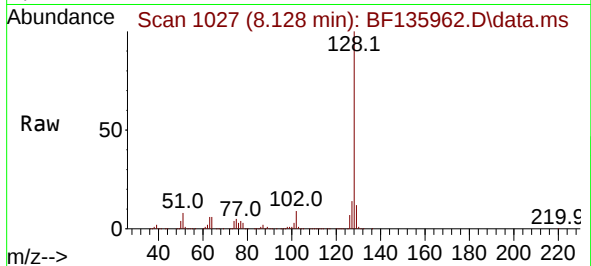




#31
Naphthalene
Concen: 45.194 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

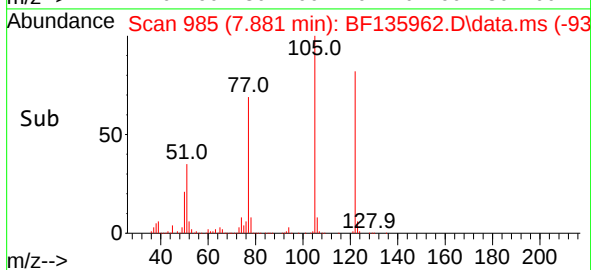
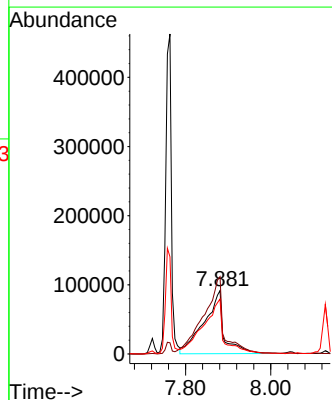
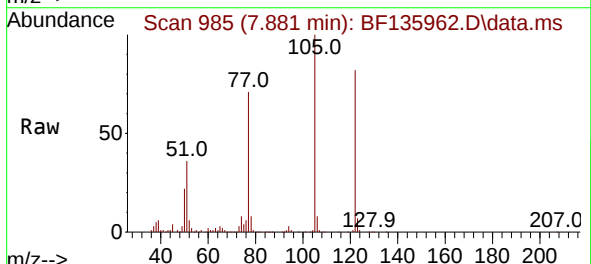
Instrument :
BNA_F
ClientSampleId :
72-11991MS

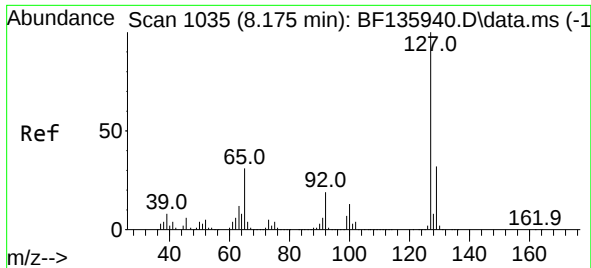
Tgt Ion:128 Resp: 1510006
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 56.269 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:122 Resp: 297606
Ion Ratio Lower Upper
122 100
105 121.9 113.1 153.1
77 86.9 75.2 115.2

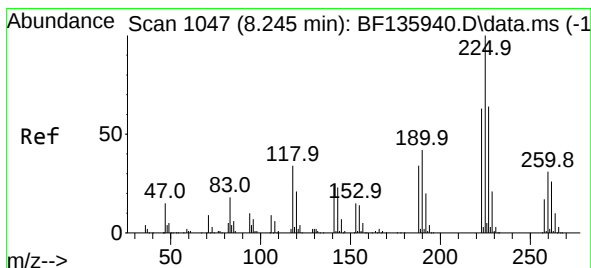
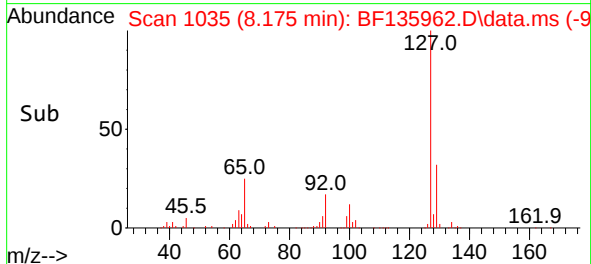
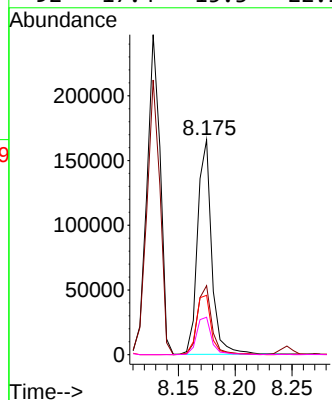
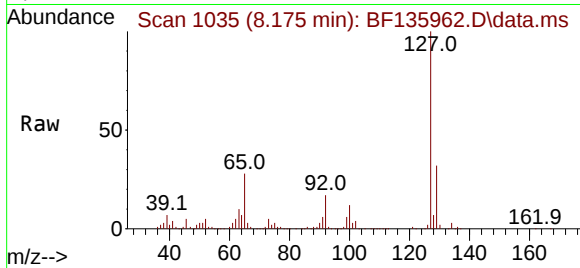




#33
4-Chloroaniline
Concen: 9.695 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

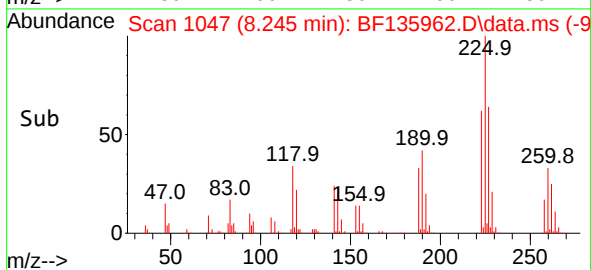
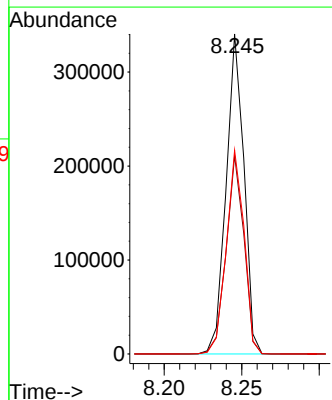
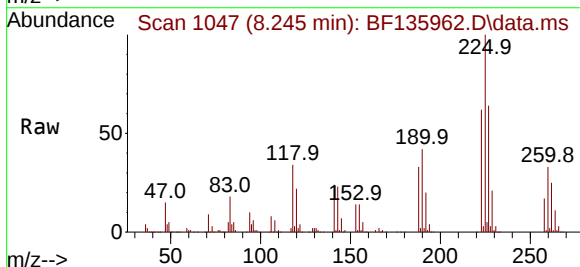
Instrument :
BNA_F
ClientSampleId :
72-11991MS

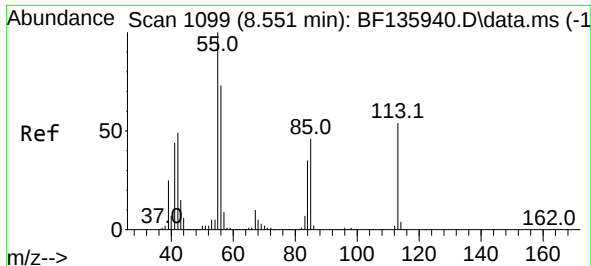
Tgt Ion:	127	Resp:	143171
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	27.6	24.8	37.2
92	17.4	15.3	22.9



#34
Hexachlorobutadiene
Concen: 47.665 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:	225	Resp:	271185
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	75.8
227	63.7	50.9	76.3

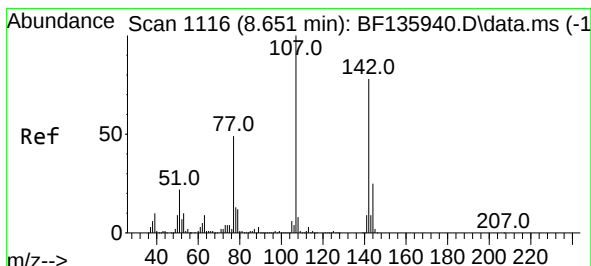
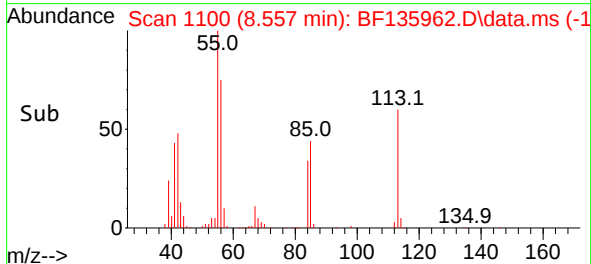
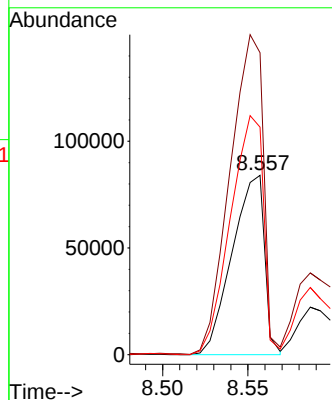
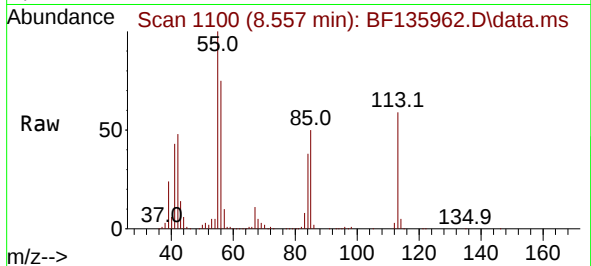




#35
Caprolactam
Concen: 37.258 ng
RT: 8.557 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

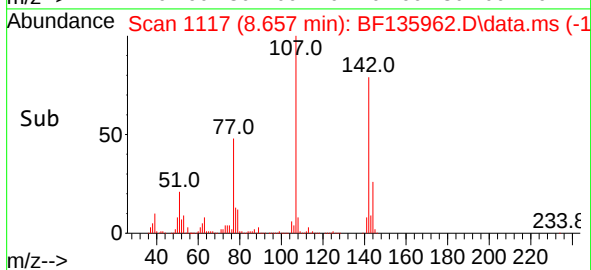
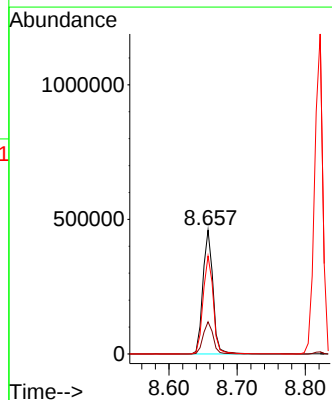
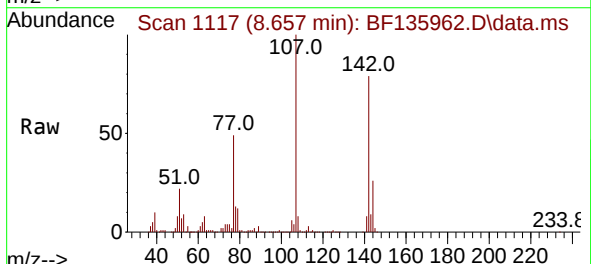
Instrument :
BNA_F
ClientSampleId :
72-11991MS

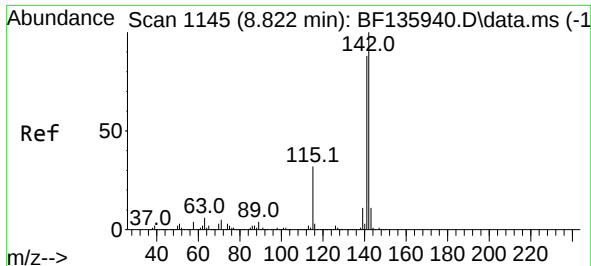
Tgt Ion:113 Resp: 110536
Ion Ratio Lower Upper
113 100
55 168.3 165.4 205.4
56 126.8 115.2 155.2



#36
4-Chloro-3-methylphenol
Concen: 49.943 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:107 Resp: 473163
Ion Ratio Lower Upper
107 100
144 25.9 19.9 29.9
142 79.2 62.8 94.2

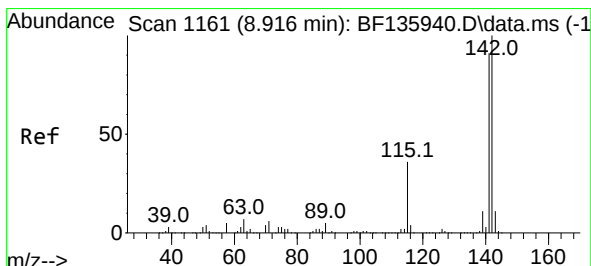
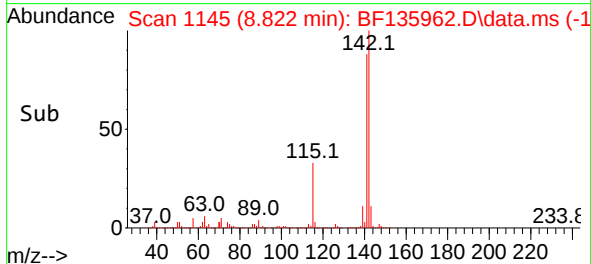
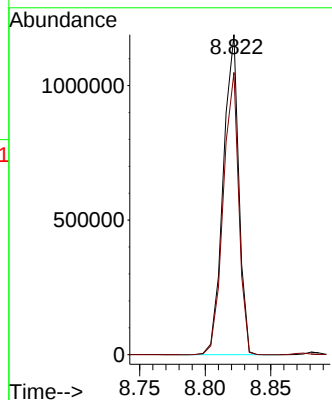
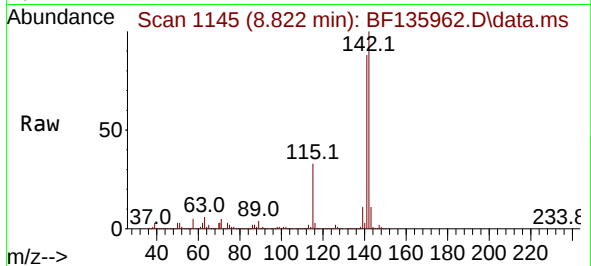




#37
2-Methylnaphthalene
Concen: 44.202 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

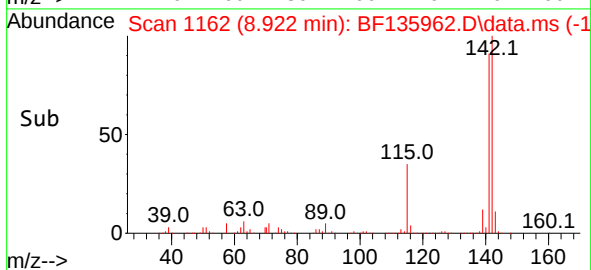
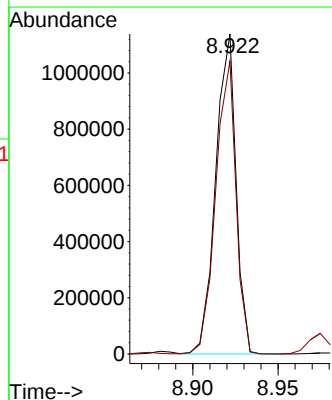
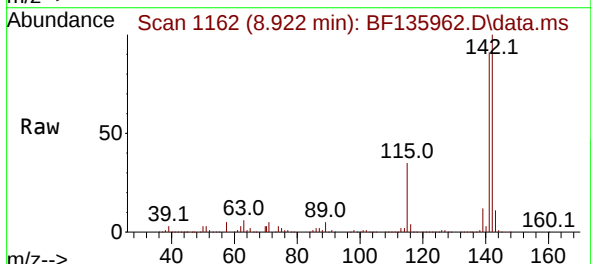
Instrument :
BNA_F
ClientSampleId :
72-11991MS

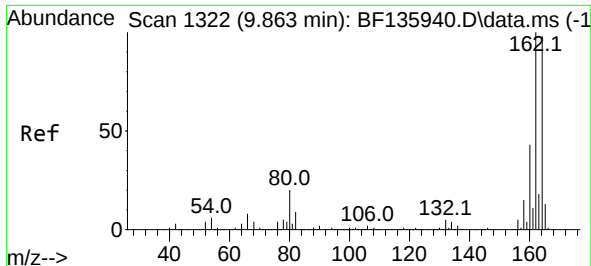
Tgt Ion:142 Resp: 977136
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6



#38
1-Methylnaphthalene
Concen: 45.735 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:142 Resp: 944715
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135962.D

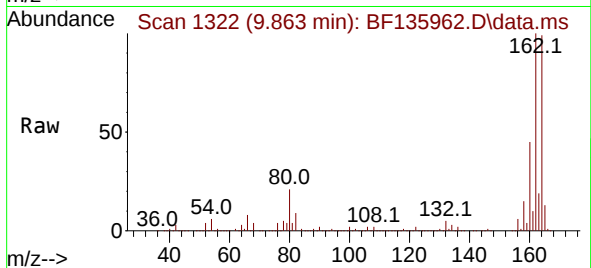
Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS



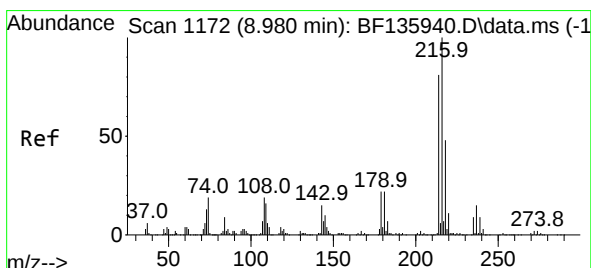
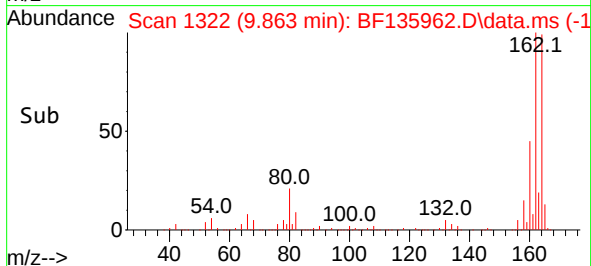
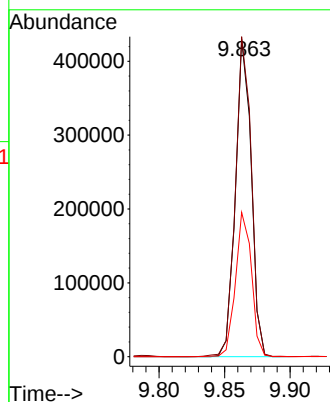
Tgt Ion:164 Resp: 359004

Ion Ratio Lower Upper

164 100

162 100.9 82.0 123.0

160 45.5 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.968 ng

RT: 8.987 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Tgt Ion:216 Resp: 455966

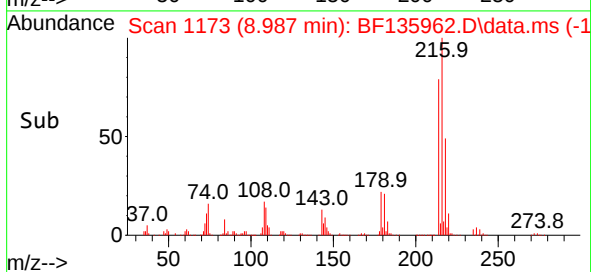
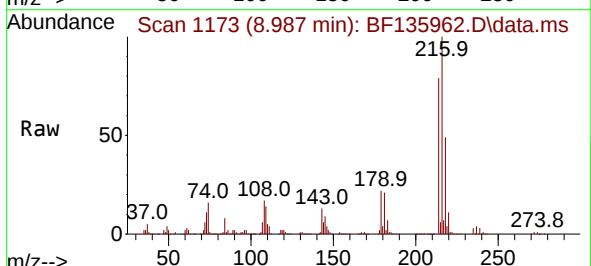
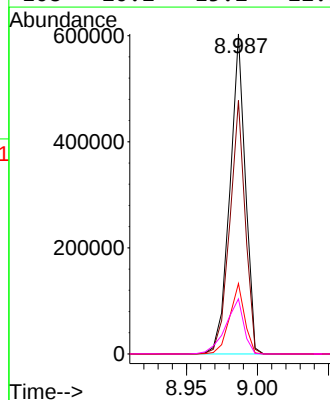
Ion Ratio Lower Upper

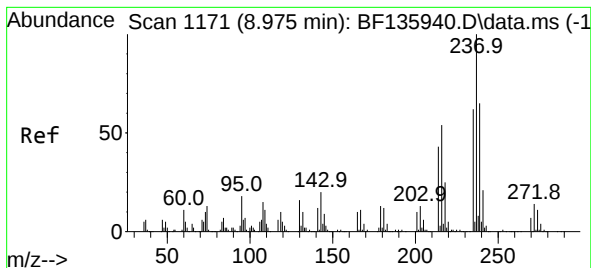
216 100

214 78.7 63.3 94.9

179 21.4 17.3 25.9

108 20.2 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 98.985 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

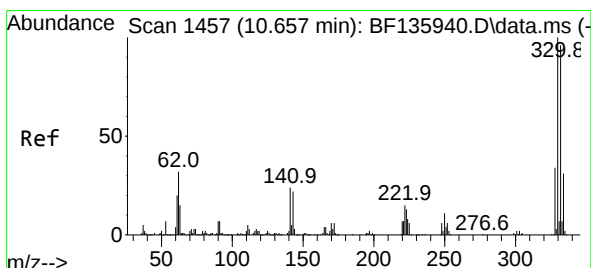
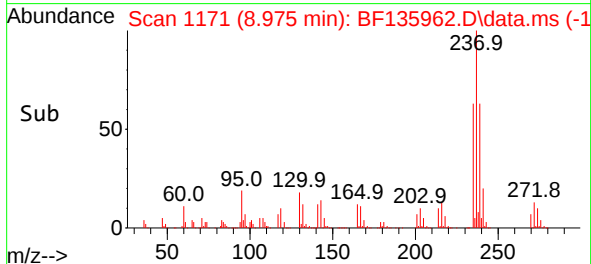
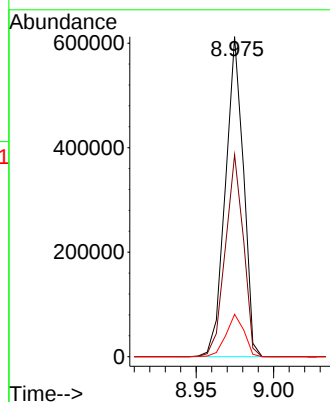
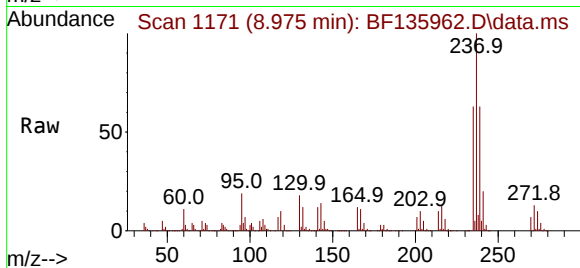
Tgt Ion:237 Resp: 494899

Ion Ratio Lower Upper

237 100

235 63.1 41.7 81.7

272 13.3 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 105.844 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

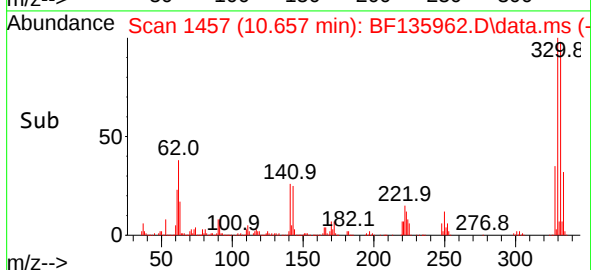
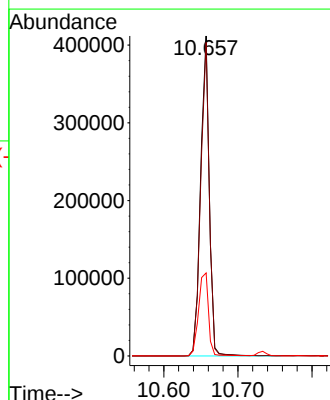
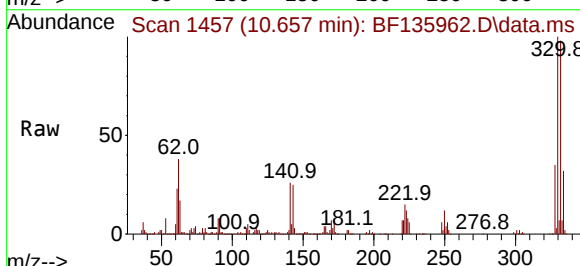
Tgt Ion:330 Resp: 332599

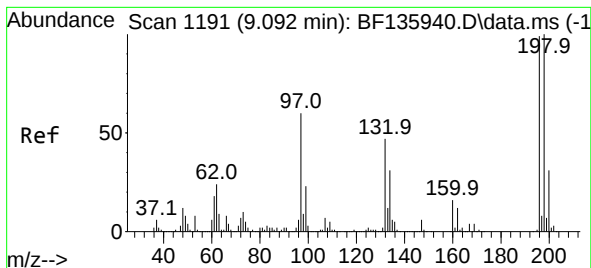
Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

141 29.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 51.521 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

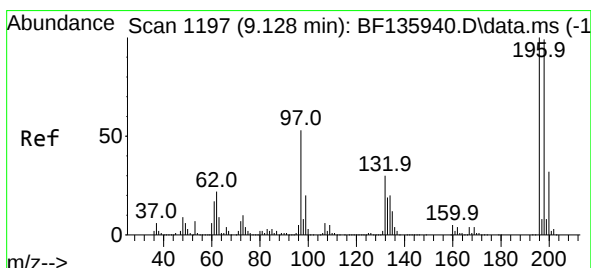
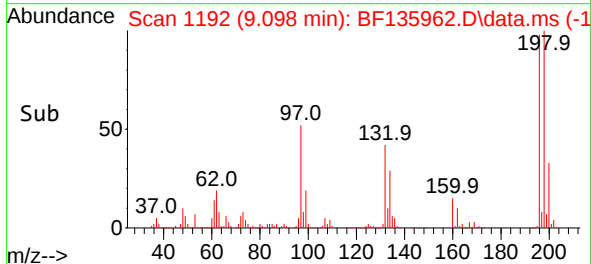
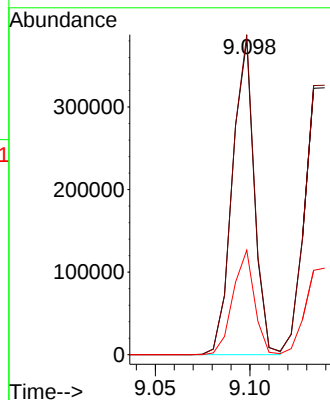
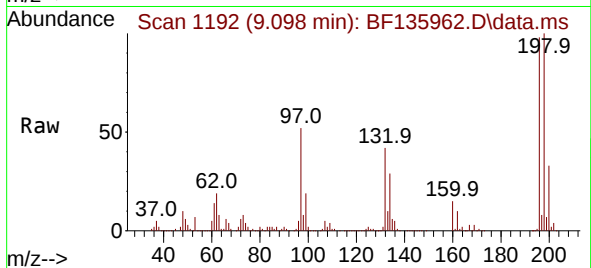
Tgt Ion:196 Resp: 305757

Ion Ratio Lower Upper

196 100

198 101.7 81.0 121.4

200 33.2 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 47.244 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Tgt Ion:196 Resp: 332894

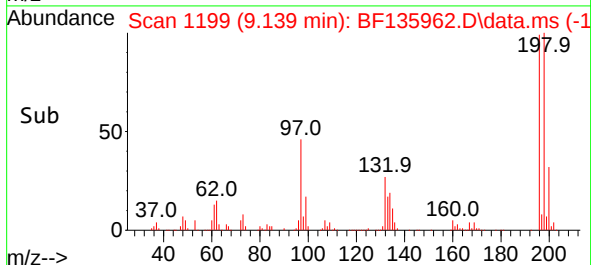
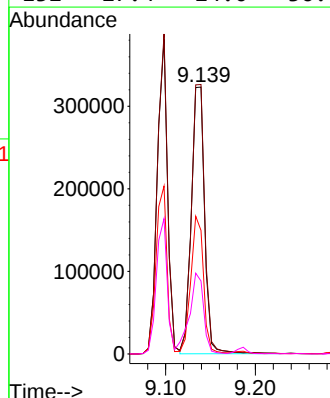
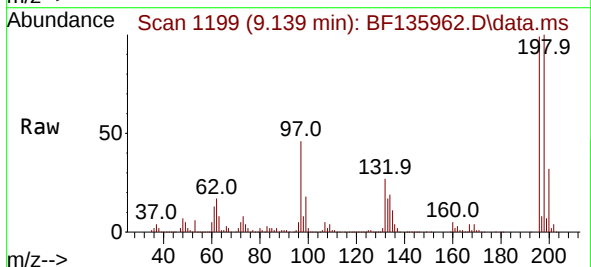
Ion Ratio Lower Upper

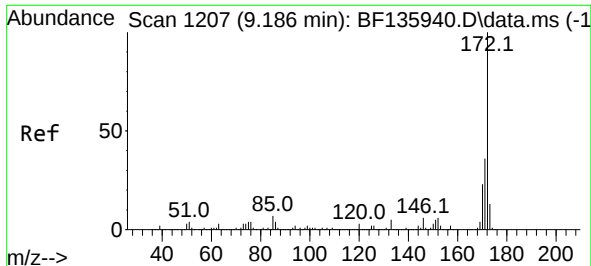
196 100

198 100.9 79.1 118.7

97 46.3 42.3 63.5

132 27.4 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 58.333 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

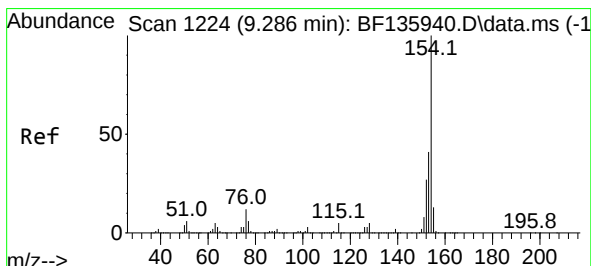
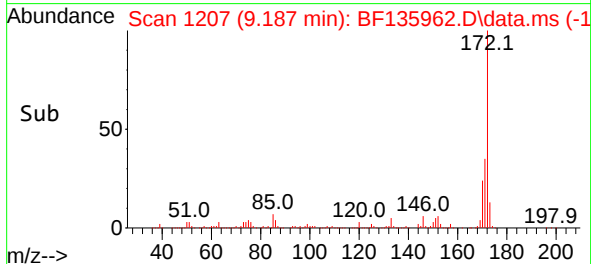
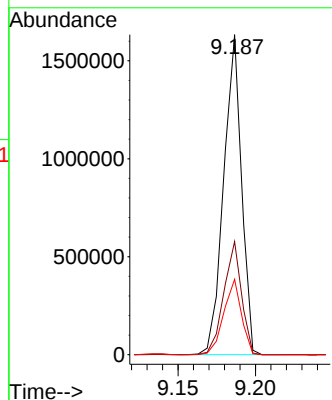
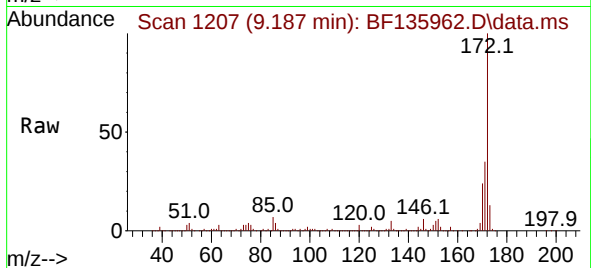
Tgt Ion:172 Resp: 1307840

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 45.710 ng

RT: 9.287 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

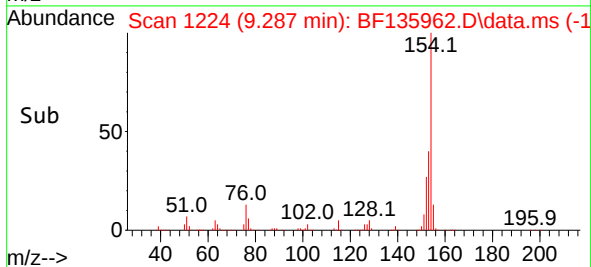
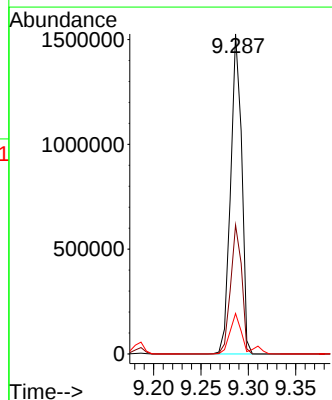
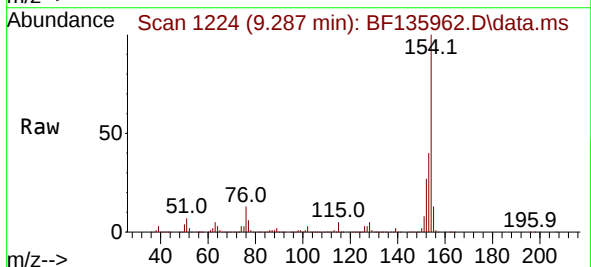
Tgt Ion:154 Resp: 1243450

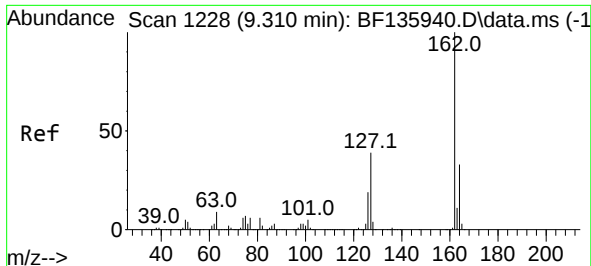
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 12.7 0.0 32.4

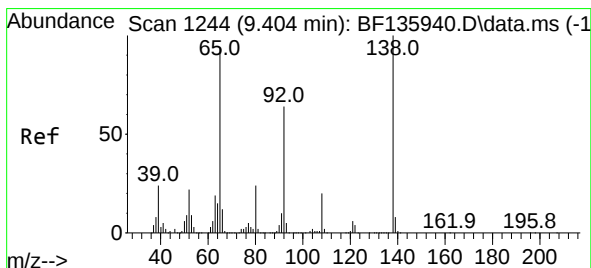
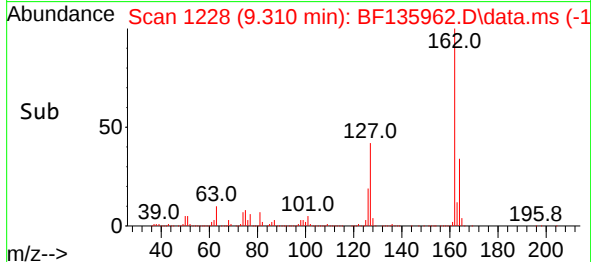
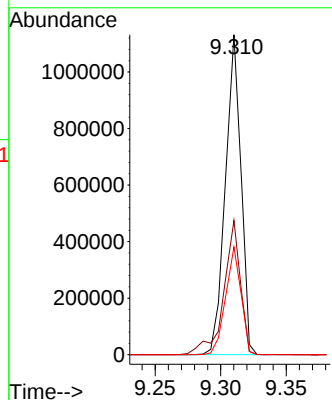
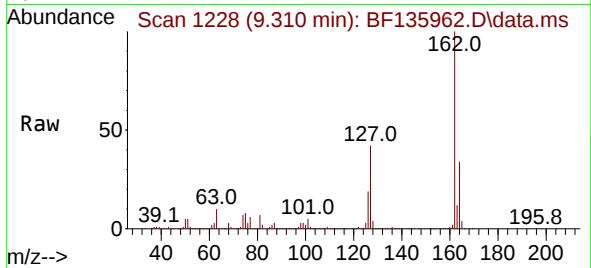




#47
2-Chloronaphthalene
Concen: 46.351 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

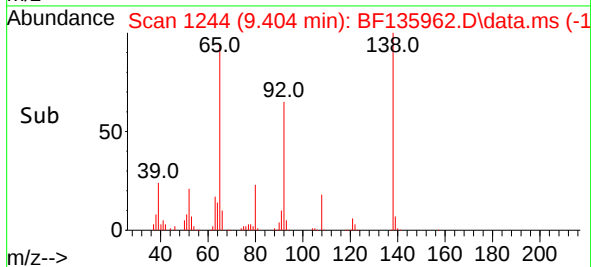
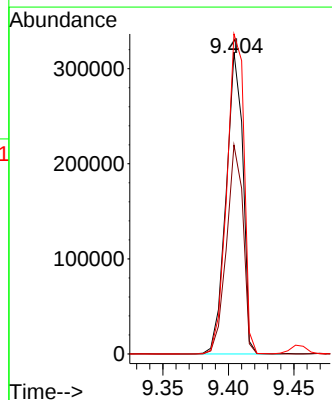
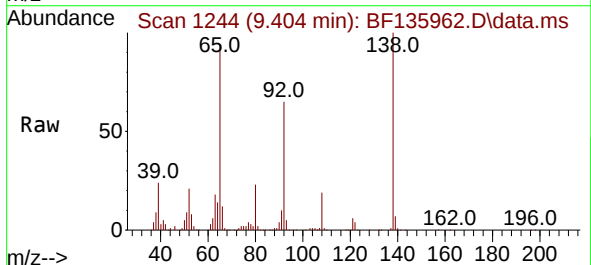
Instrument :
BNA_F
ClientSampleId :
72-11991MS

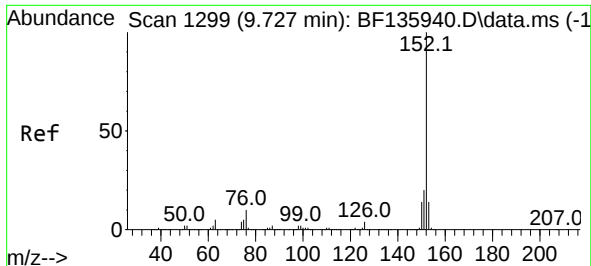
Tgt Ion:162 Resp: 932617
Ion Ratio Lower Upper
162 100
127 41.9 31.0 46.4
164 33.6 26.6 39.8



#48
2-Nitroaniline
Concen: 50.588 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion: 65 Resp: 281440
Ion Ratio Lower Upper
65 100
92 69.2 54.9 82.3
138 106.0 85.2 127.8





#49

Acenaphthylene

Concen: 46.628 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

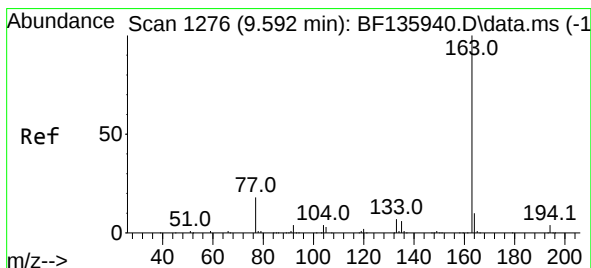
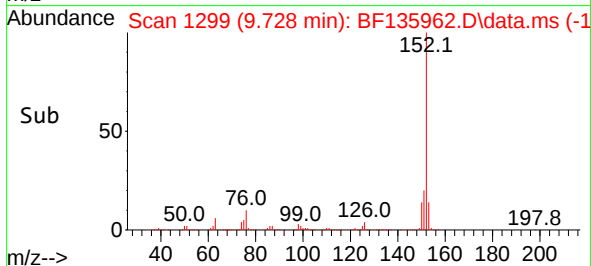
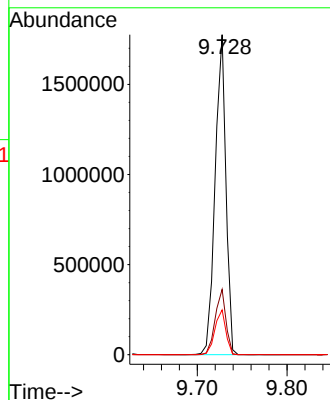
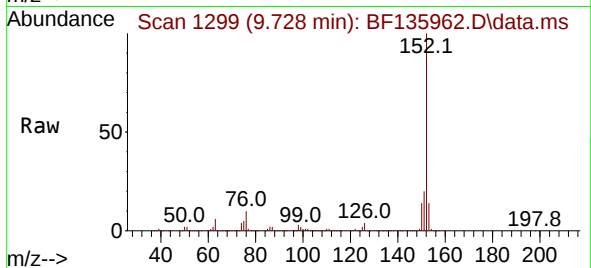
Tgt Ion:152 Resp: 1480099

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 14.0 11.0 16.6



#50

Dimethylphthalate

Concen: 46.641 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

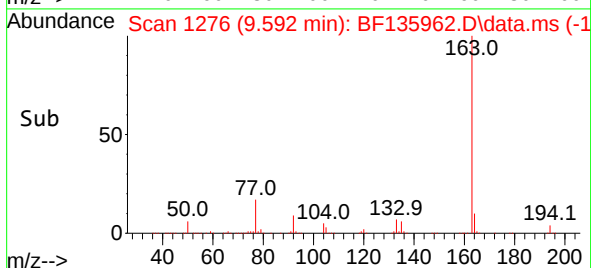
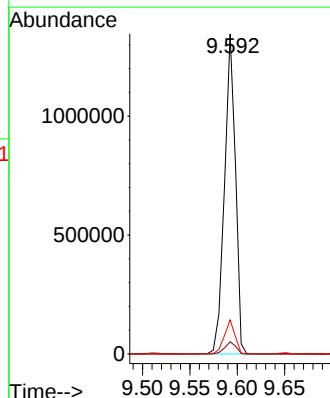
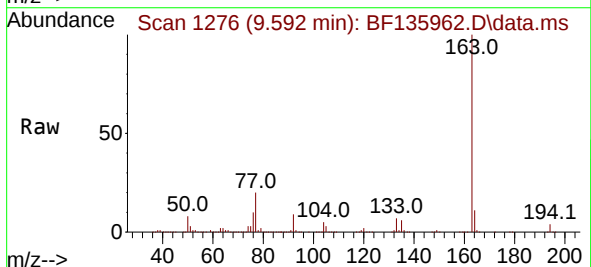
Tgt Ion:163 Resp: 1085854

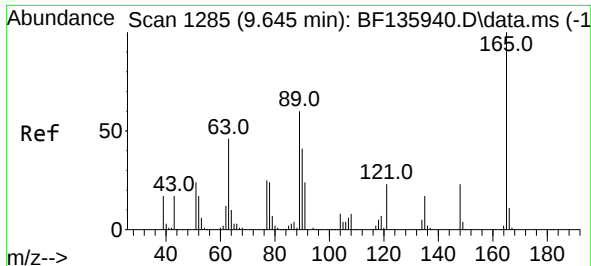
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.6 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 49.556 ng

RT: 9.651 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

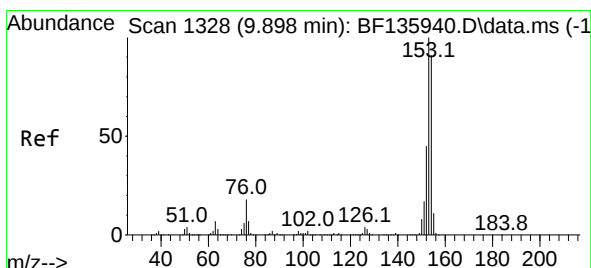
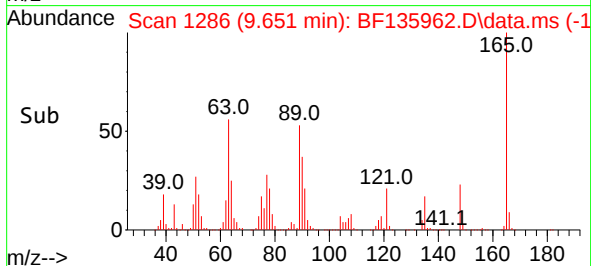
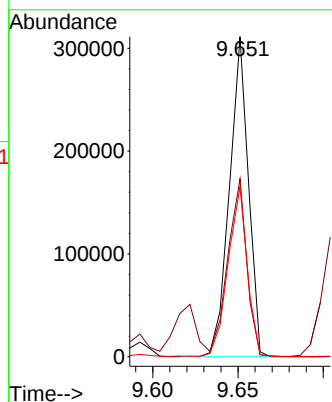
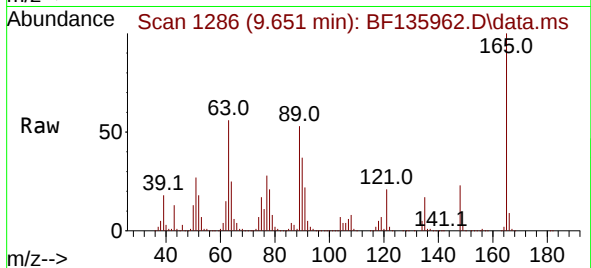
Tgt Ion:165 Resp: 240034

Ion Ratio Lower Upper

165 100

63 55.6 51.7 77.5

89 53.1 48.3 72.5



#52

Acenaphthene

Concen: 48.805 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

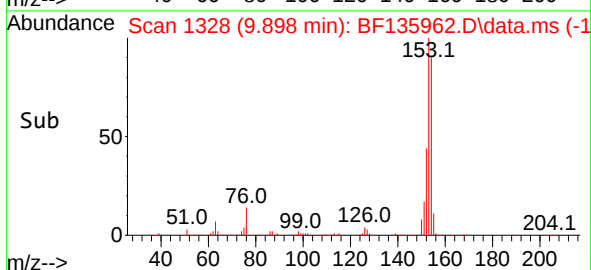
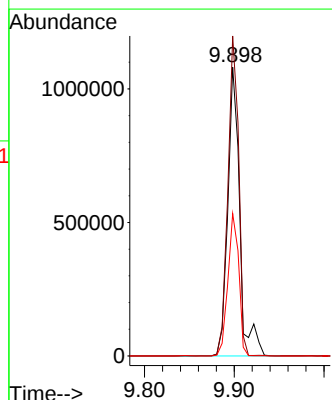
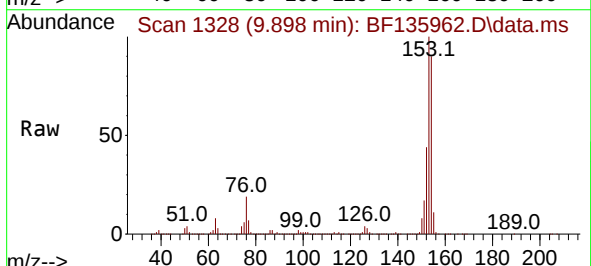
Tgt Ion:154 Resp: 992848

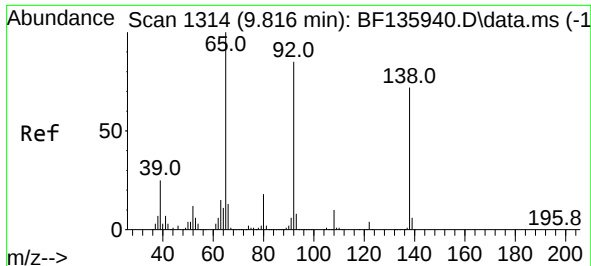
Ion Ratio Lower Upper

154 100

153 110.8 88.0 132.0

152 49.3 39.4 59.2

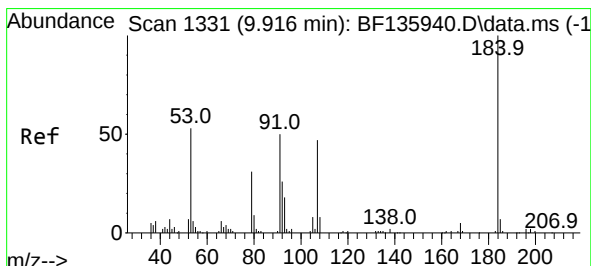
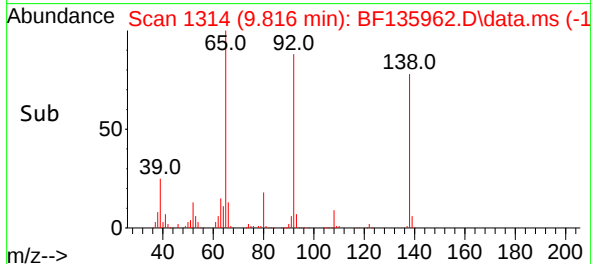
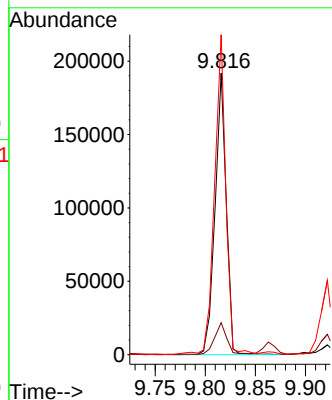
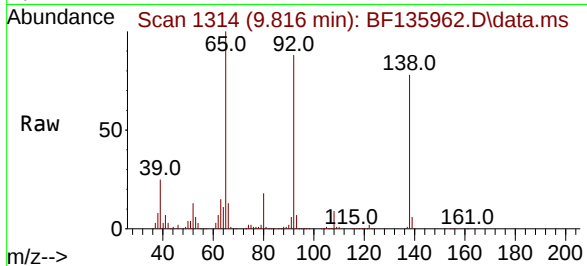




#53
3-Nitroaniline
Concen: 27.907 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

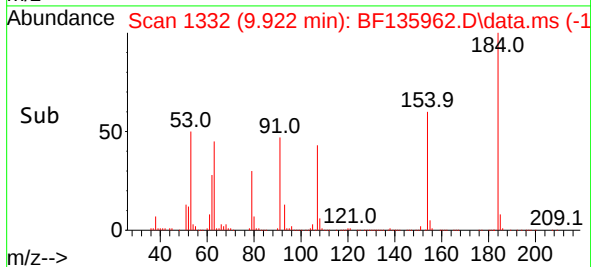
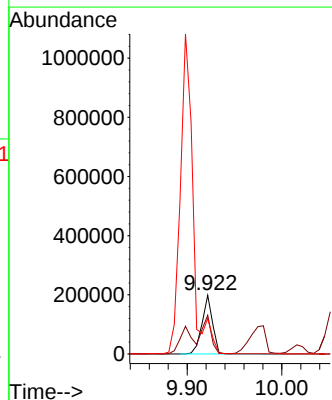
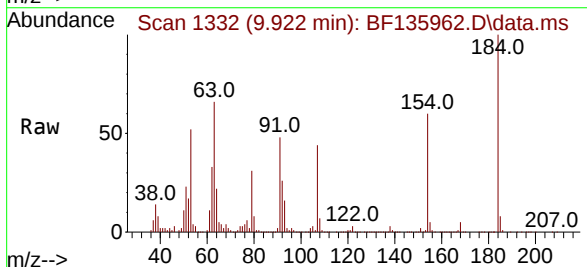
Instrument :
BNA_F
ClientSampleId :
72-11991MS

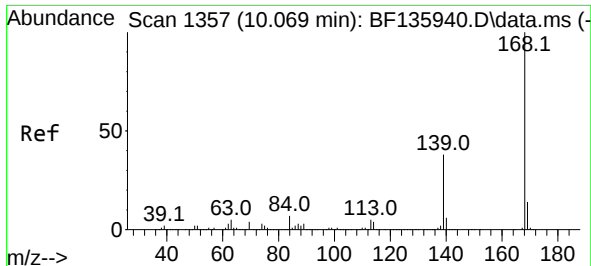
Tgt Ion:138 Resp: 148987
Ion Ratio Lower Upper
138 100
108 11.4 11.3 16.9
92 113.7 95.0 142.6



#54
2,4-Dinitrophenol
Concen: 81.939 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:184 Resp: 153289
Ion Ratio Lower Upper
184 100
63 66.0 56.3 84.5
154 60.3 48.1 72.1

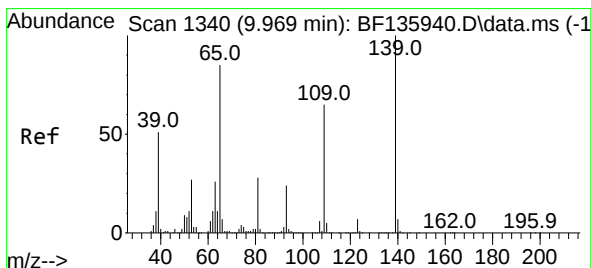
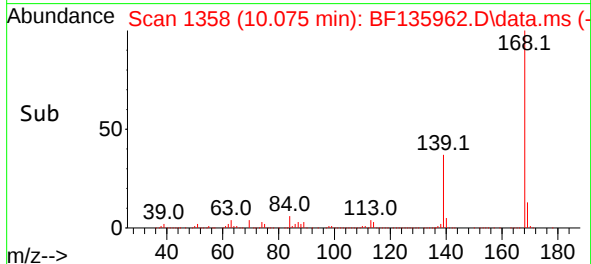
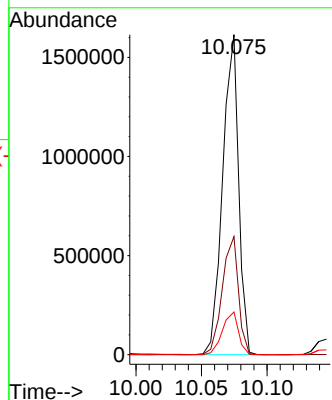
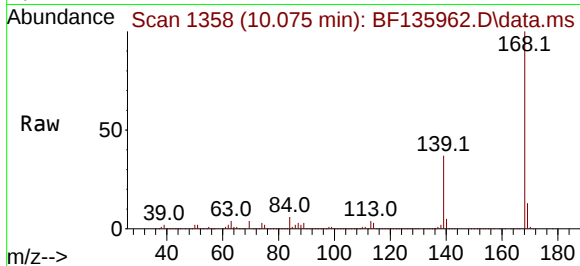




#55
Dibenzenofuran
Concen: 46.254 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

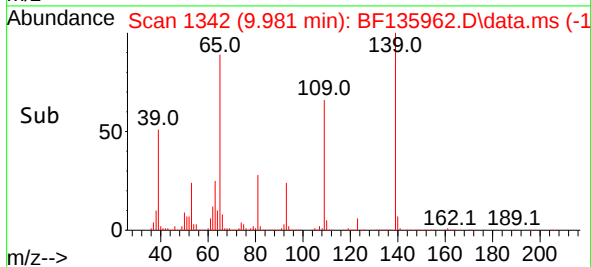
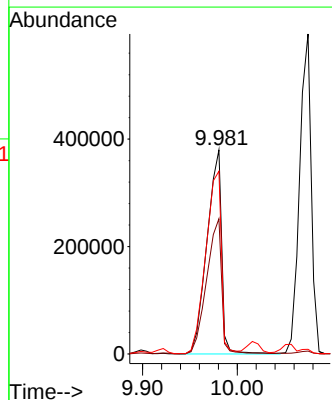
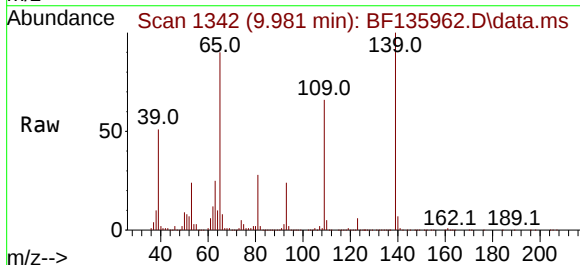
Instrument :
BNA_F
ClientSampleId :
72-11991MS

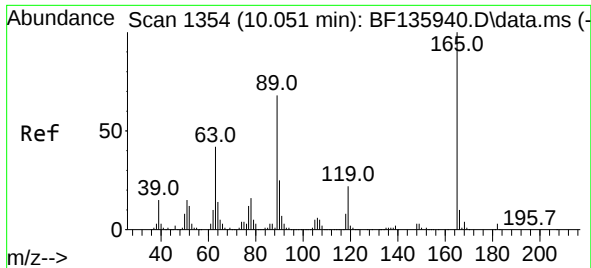
Tgt Ion:168 Resp: 1359343
Ion Ratio Lower Upper
168 100
139 36.9 30.7 46.1
169 13.3 11.1 16.7



#56
4-Nitrophenol
Concen: 86.737 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:139 Resp: 410017
Ion Ratio Lower Upper
139 100
109 66.3 45.2 85.2
65 89.5 65.1 105.1

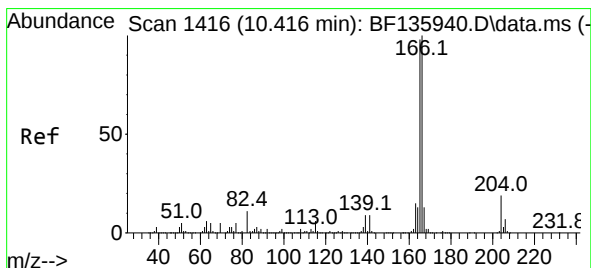
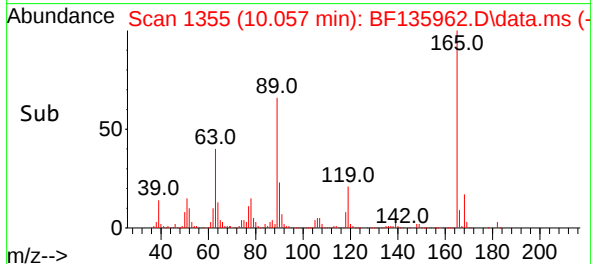
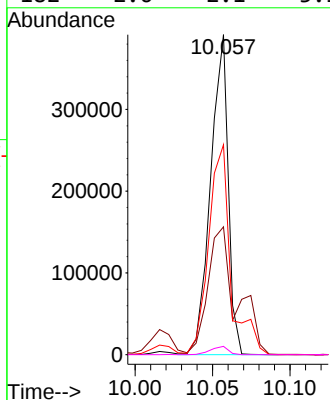
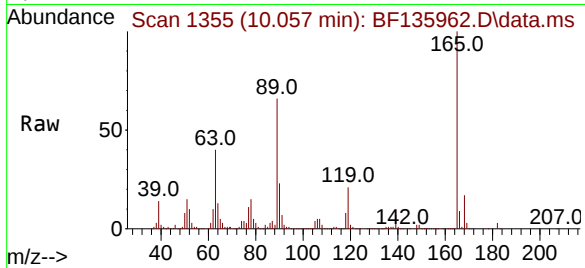




#57
2,4-Dinitrotoluene
Concen: 51.184 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

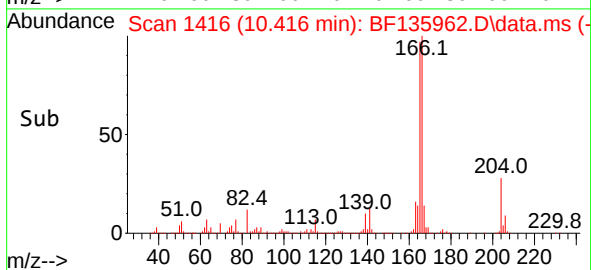
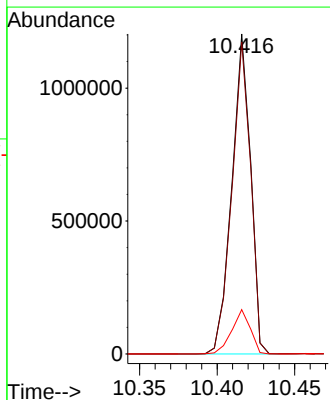
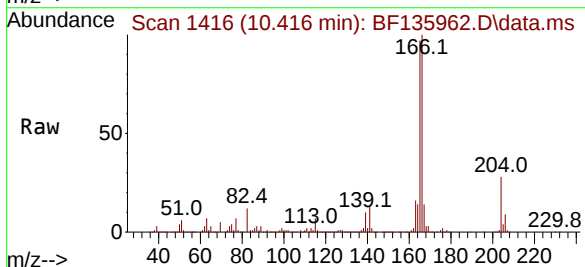
Instrument :
BNA_F
ClientSampleId :
72-11991MS

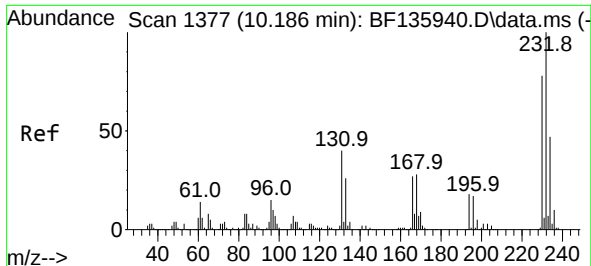
Tgt Ion:165 Resp: 308426
Ion Ratio Lower Upper
165 100
63 40.0 33.7 50.5
89 65.6 54.6 81.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 46.099 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:166 Resp: 1013585
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.9 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.811 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

Tgt Ion:232 Resp: 274715

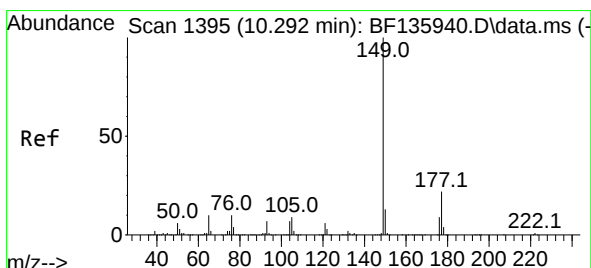
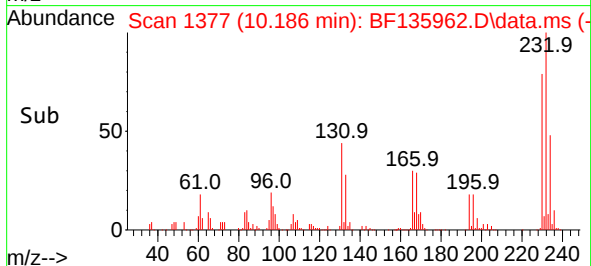
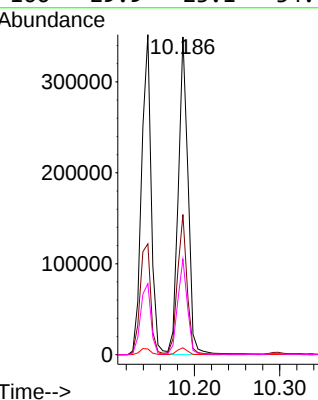
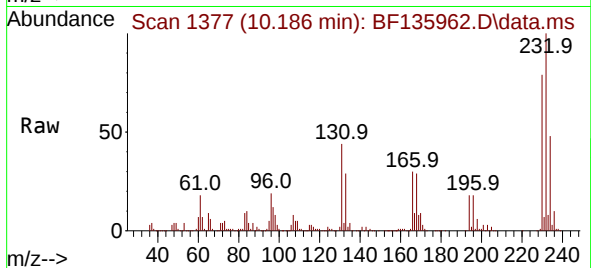
Ion Ratio Lower Upper

232 100

131 43.3 35.2 52.8

130 2.3 1.7 2.5

166 29.9 23.1 34.7



#60

Diethylphthalate

Concen: 46.918 ng

RT: 10.298 min Scan# 1396

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

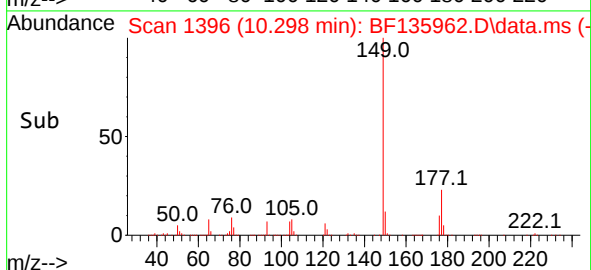
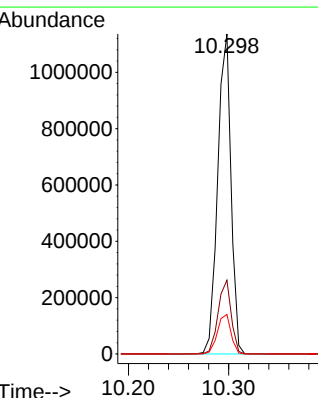
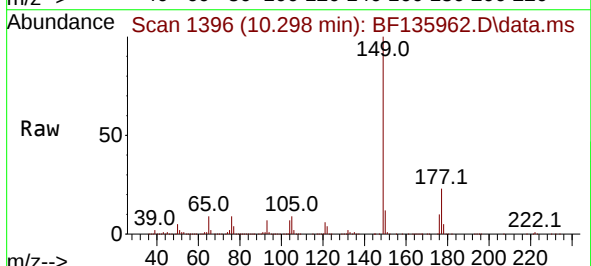
Tgt Ion:149 Resp: 1041622

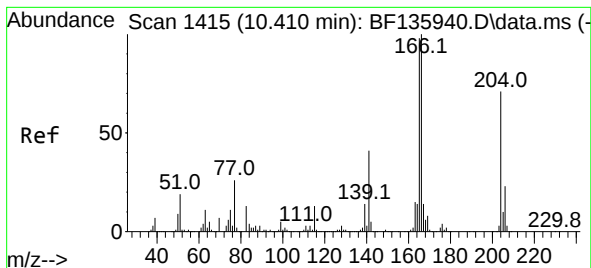
Ion Ratio Lower Upper

149 100

177 23.1 17.9 26.9

150 12.3 10.2 15.2

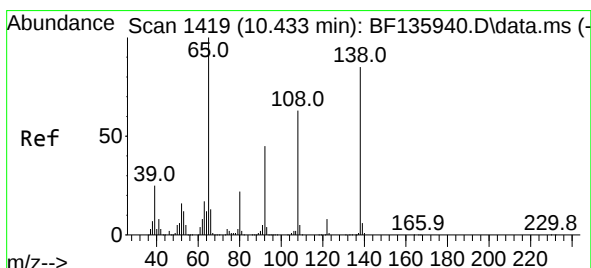
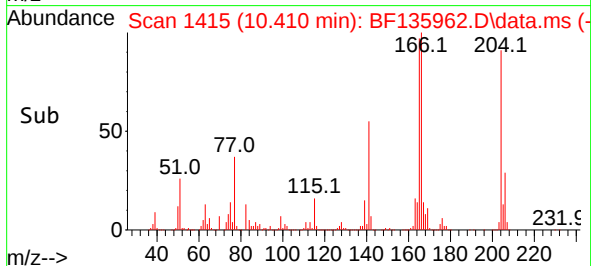
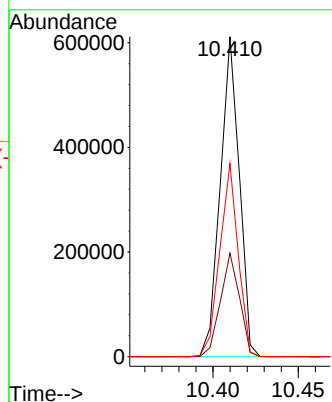
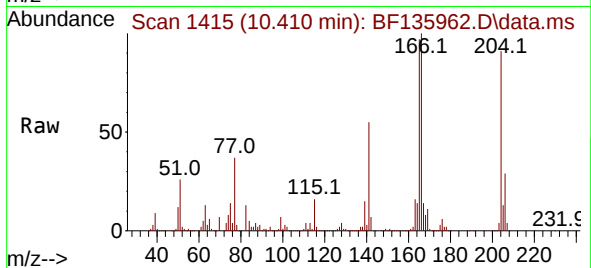




#61
4-Chlorophenyl-phenylether
Concen: 44.782 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

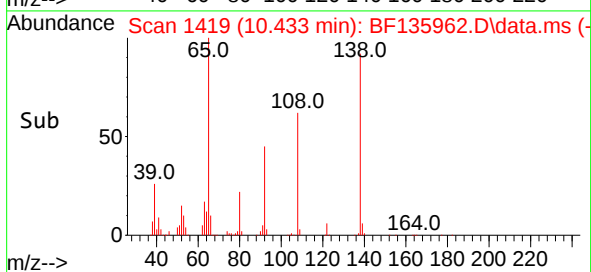
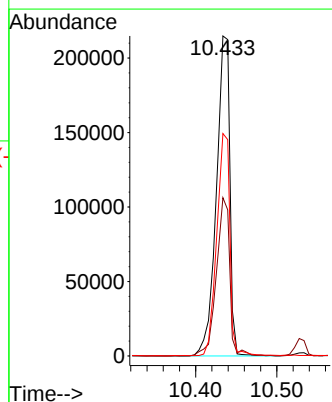
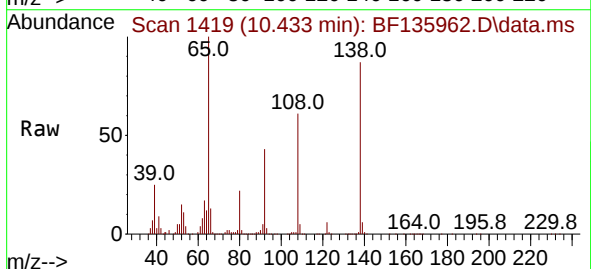
Instrument :
BNA_F
ClientSampleId :
72-11991MS

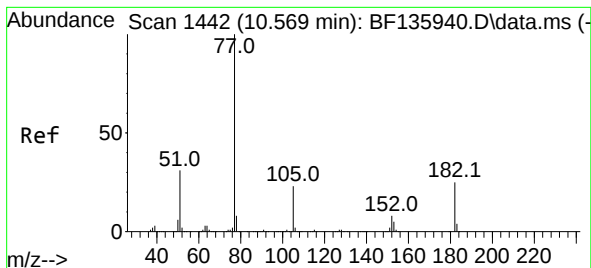
Tgt Ion:204 Resp: 474962
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 60.4 46.2 69.2



#62
4-Nitroaniline
Concen: 43.915 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:138 Resp: 248621
Ion Ratio Lower Upper
138 100
92 49.5 32.9 72.9
108 69.5 53.5 93.5





#63

Azobenzene

Concen: 45.067 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

Tgt Ion: 77 Resp: 1015340

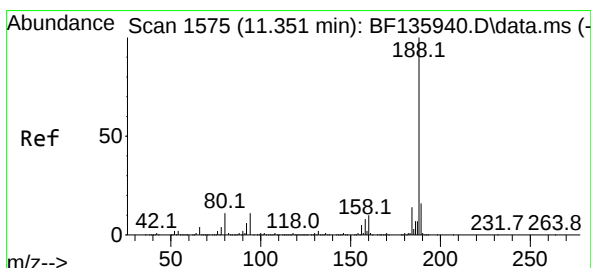
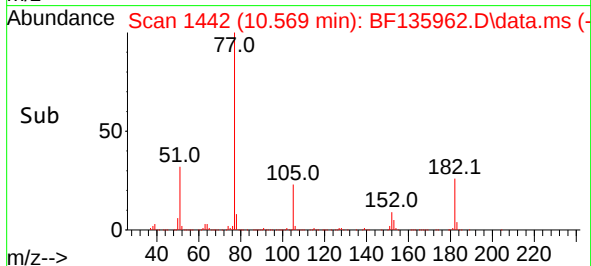
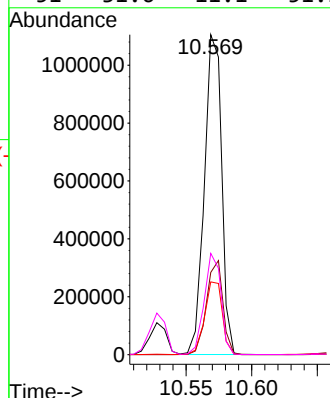
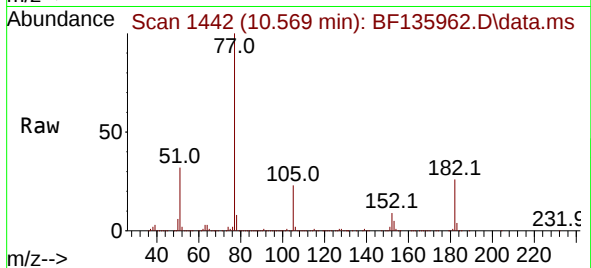
Ion Ratio Lower Upper

77 100

182 25.7 5.1 45.1

105 22.7 2.8 42.8

51 31.6 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

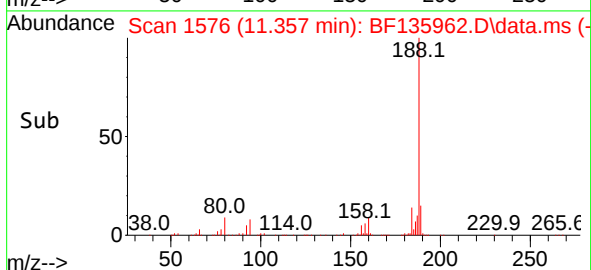
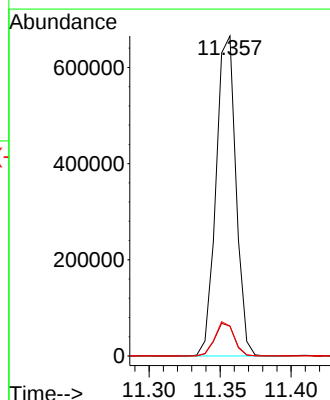
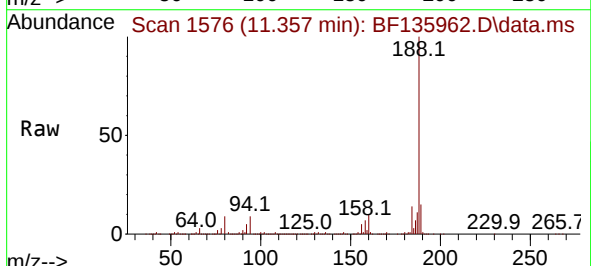
Tgt Ion: 188 Resp: 649262

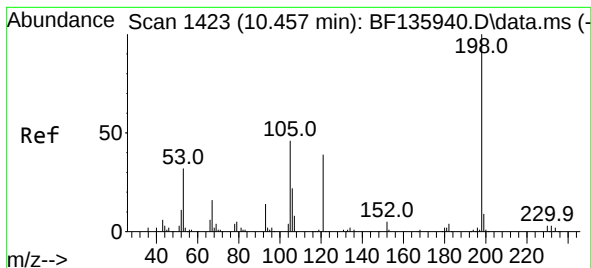
Ion Ratio Lower Upper

188 100

94 9.3 8.6 13.0

80 9.3 9.0 13.6

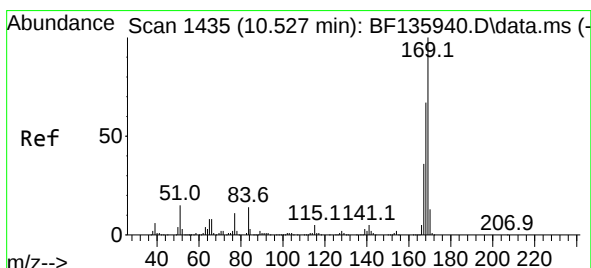
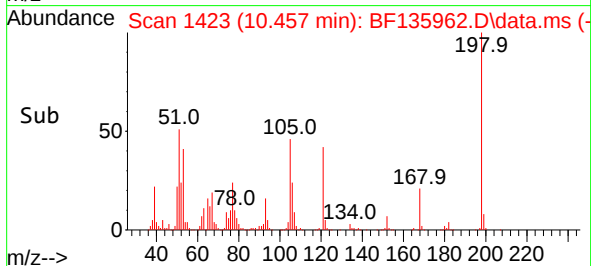
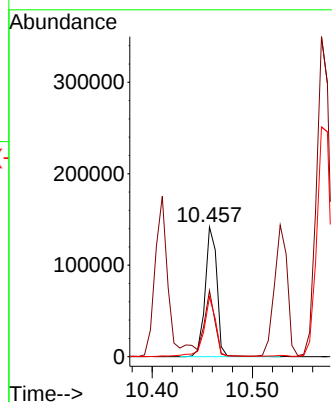
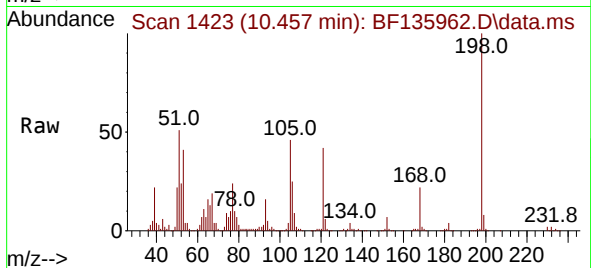




#65
4,6-Dinitro-2-methylphenol
Concen: 52.503 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

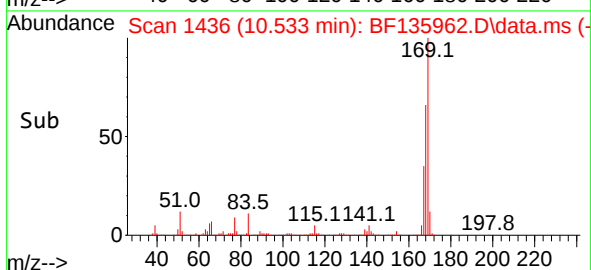
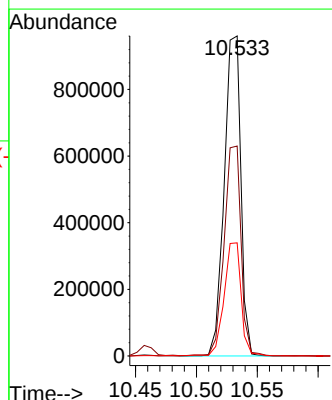
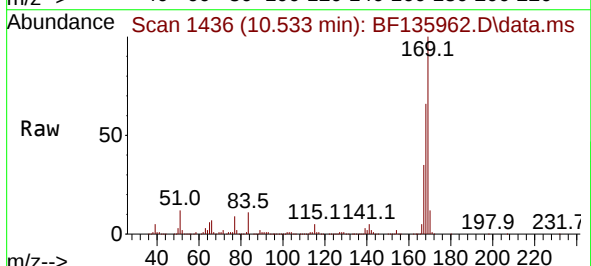
Instrument :
BNA_F
ClientSampleId :
72-11991MS

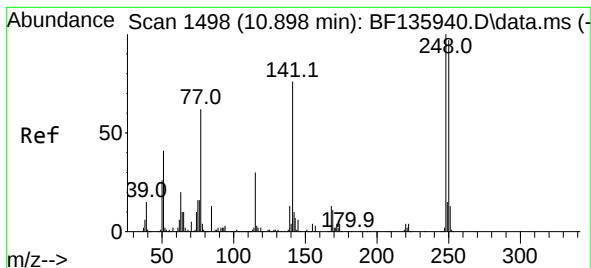
Tgt Ion:198 Resp: 115642
Ion Ratio Lower Upper
198 100
51 50.9 28.7 68.7
105 46.2 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 46.579 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:169 Resp: 913606
Ion Ratio Lower Upper
169 100
168 65.6 53.5 80.3
167 35.3 29.0 43.4

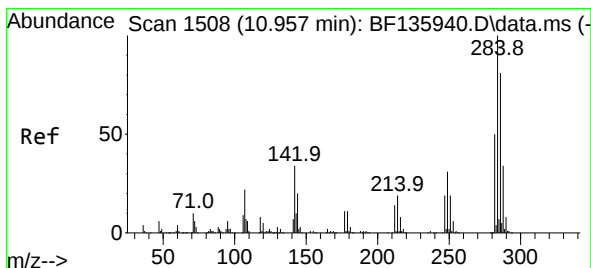
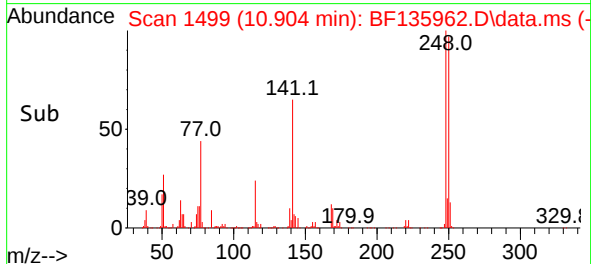
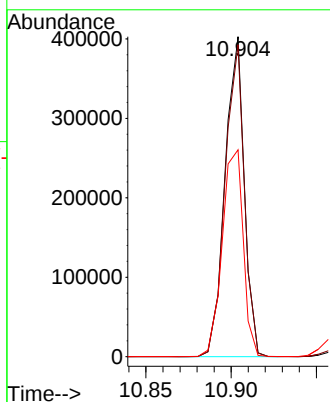
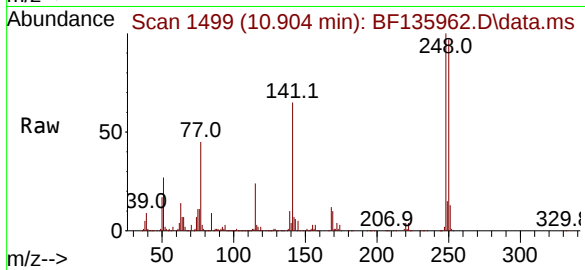




#67
4-Bromophenyl-phenylether
Concen: 47.691 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

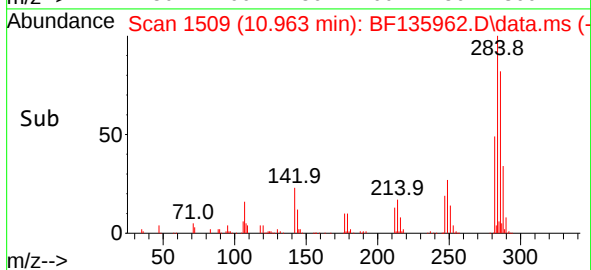
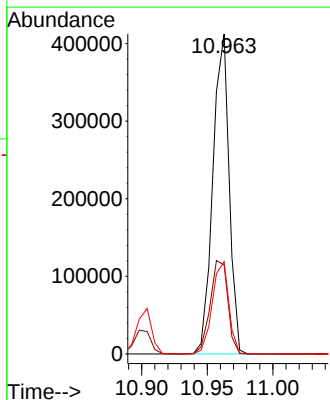
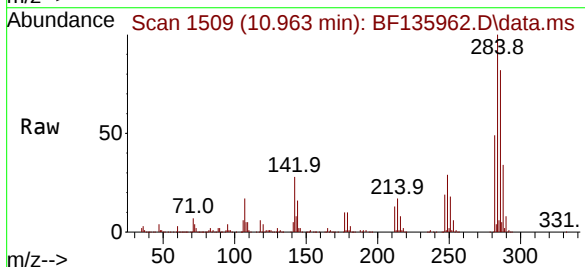
Instrument :
BNA_F
ClientSampleId :
72-11991MS

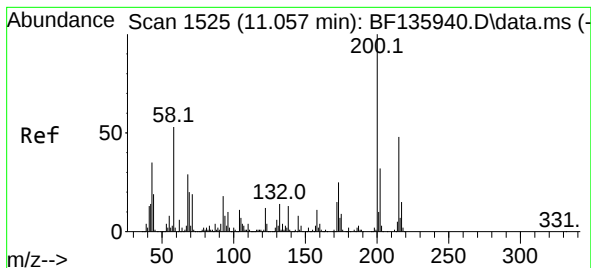
Tgt Ion:248 Resp: 317105
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 64.6 60.8 91.2



#68
Hexachlorobenzene
Concen: 49.974 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:284 Resp: 354959
Ion Ratio Lower Upper
284 100
142 27.8 27.6 41.4
249 28.8 24.7 37.1





#69

Atrazine

Concen: 57.696 ng

RT: 11.063 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

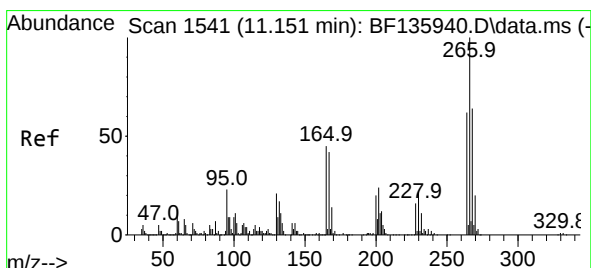
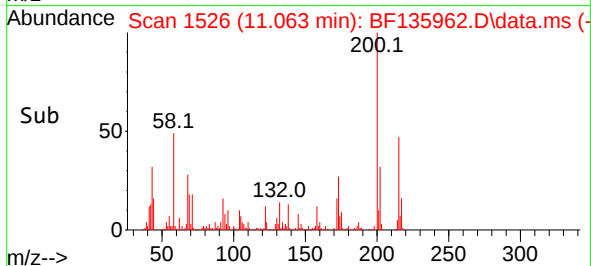
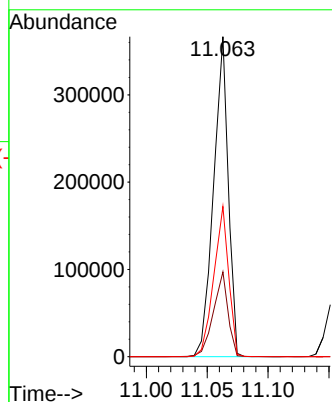
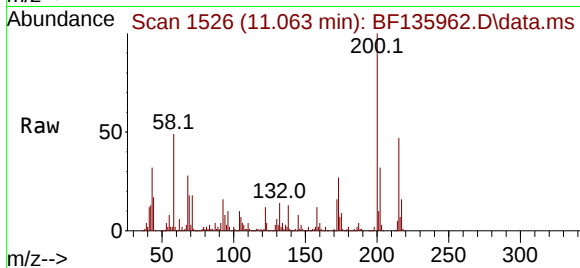
Tgt Ion:200 Resp: 308497

Ion Ratio Lower Upper

200 100

173 26.5 5.5 45.5

215 46.9 27.5 67.5



#70

Pentachlorophenol

Concen: 83.376 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

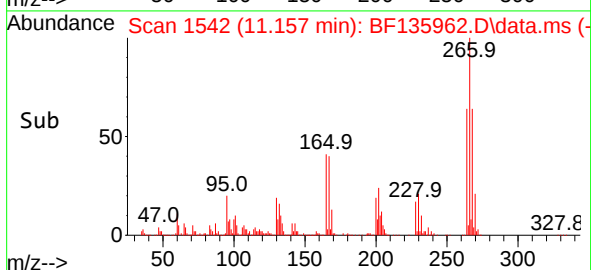
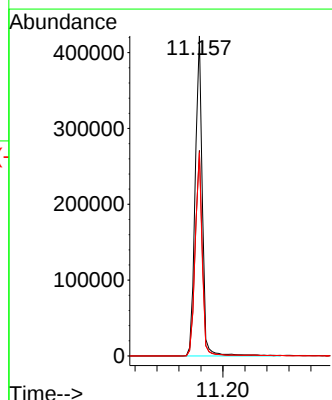
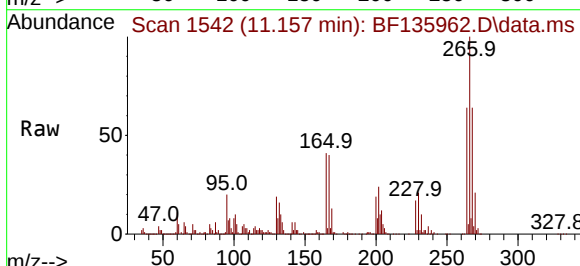
Tgt Ion:266 Resp: 376325

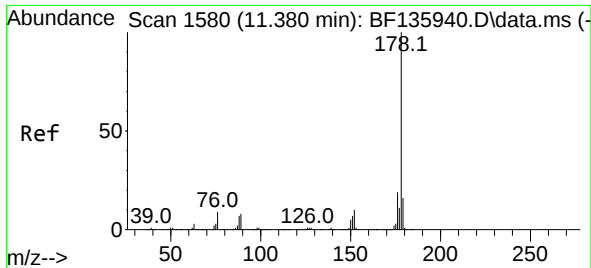
Ion Ratio Lower Upper

266 100

268 64.2 50.8 76.2

264 63.5 49.8 74.6

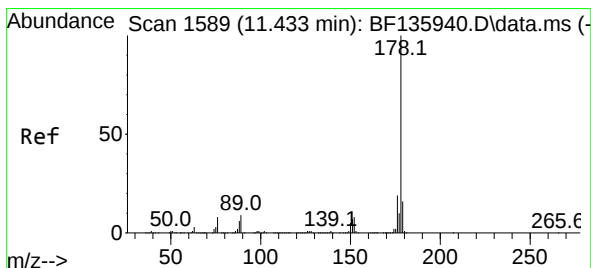
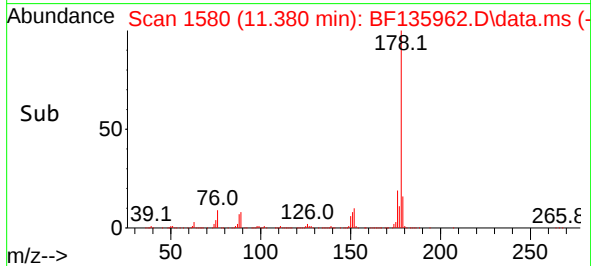
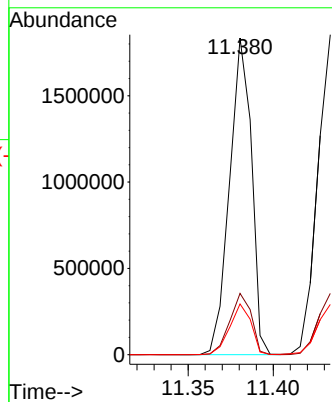
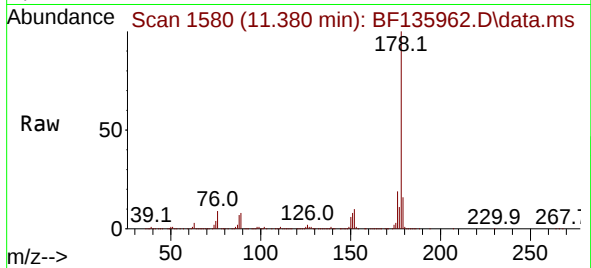




#71
Phenanthrene
Concen: 50.084 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

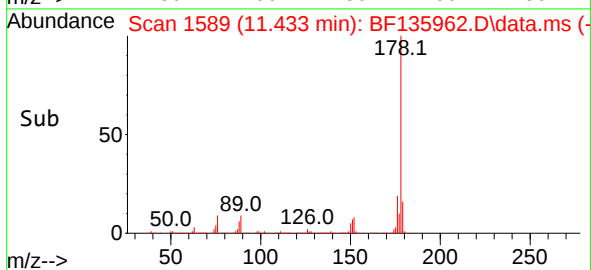
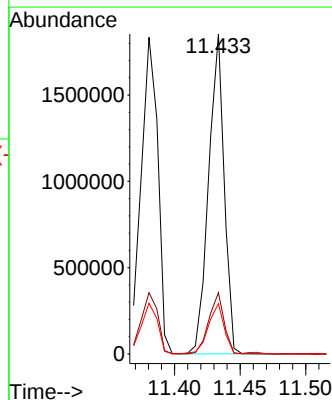
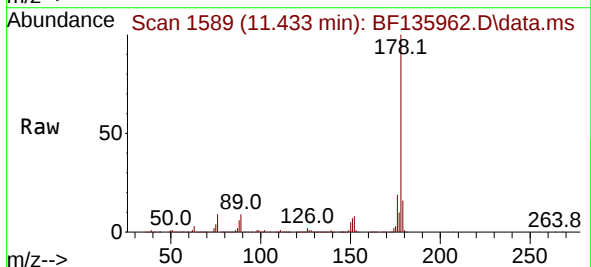
Instrument :
BNA_F
ClientSampleId :
72-11991MS

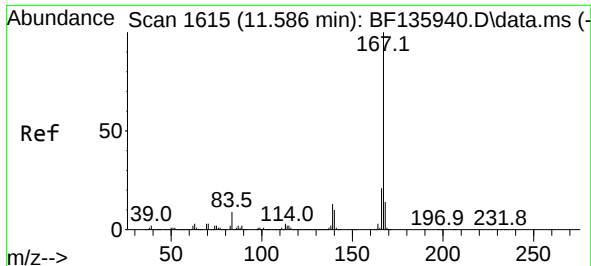
Tgt Ion:178 Resp: 1645159
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.0 12.5 18.7



#72
Anthracene
Concen: 45.687 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:178 Resp: 1536615
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.7 12.5 18.7

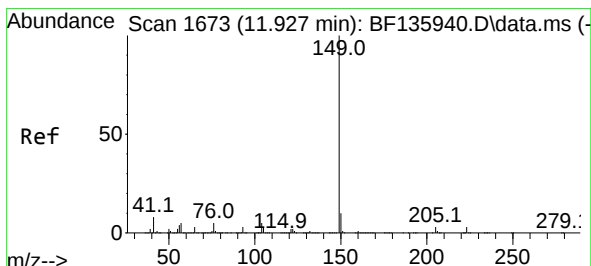
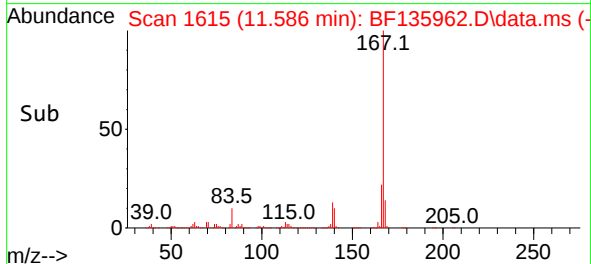
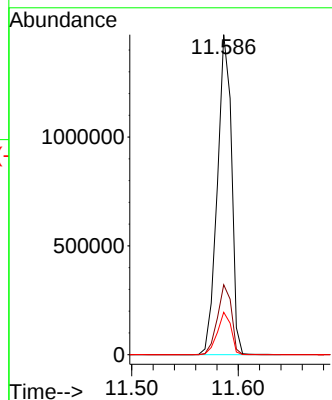
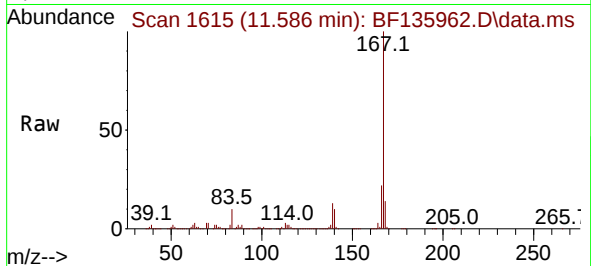




#73
 Carbazole
 Concen: 45.112 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31

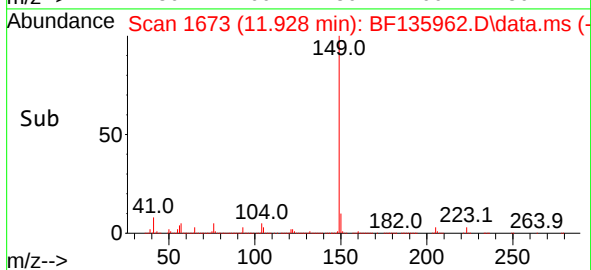
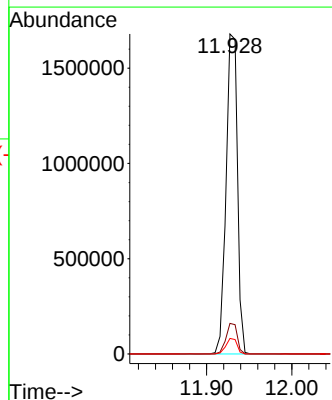
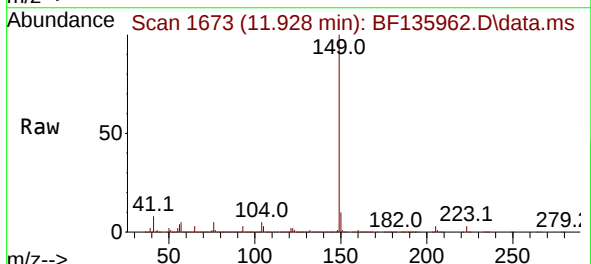
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

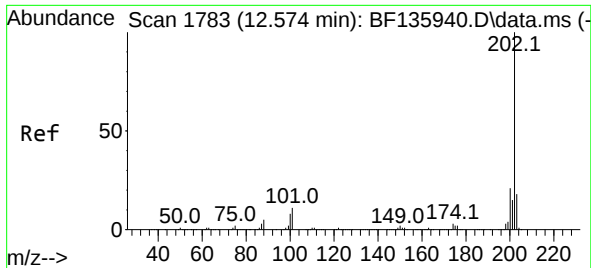
Tgt Ion:167 Resp: 1353498
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 48.676 ng
 RT: 11.928 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF135962.D
 Acq: 26 Oct 2023 14:31

Tgt Ion:149 Resp: 1554043
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.8 3.9 5.9

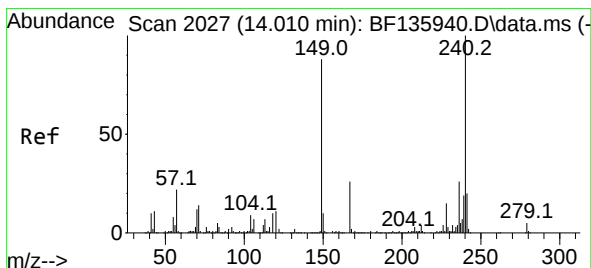
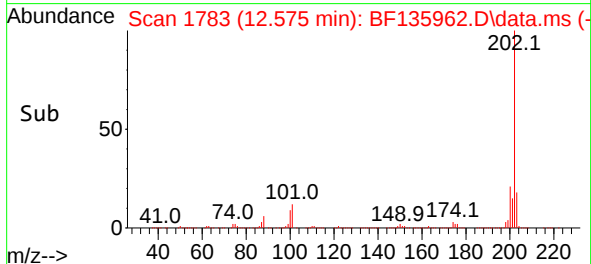
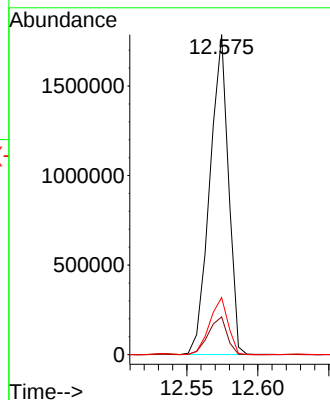
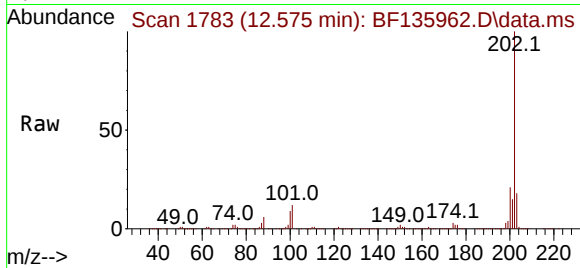




#75
Fluoranthene
Concen: 47.109 ng
RT: 12.575 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

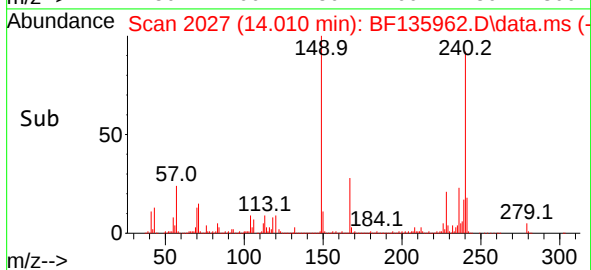
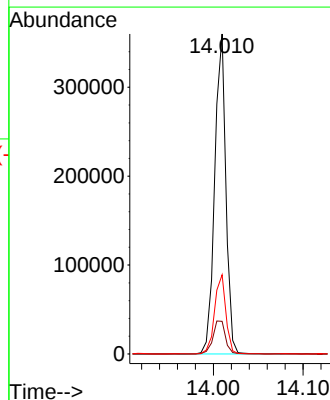
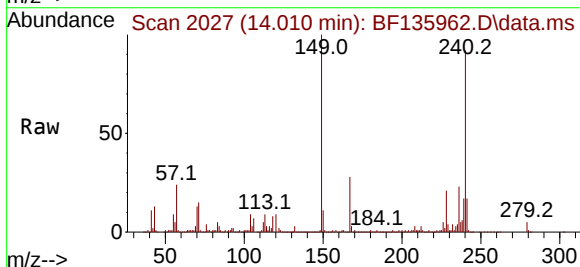
Instrument :
BNA_F
ClientSampleId :
72-11991MS

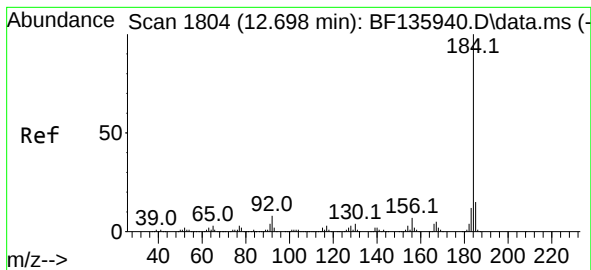
Tgt Ion:202 Resp: 1627963
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.6
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:240 Resp: 311553
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 24.7 20.6 30.8





#77

Benzidine

Concen: 72.981 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

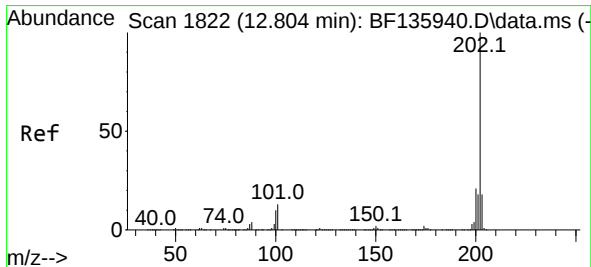
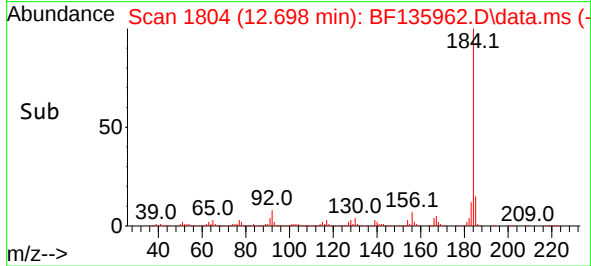
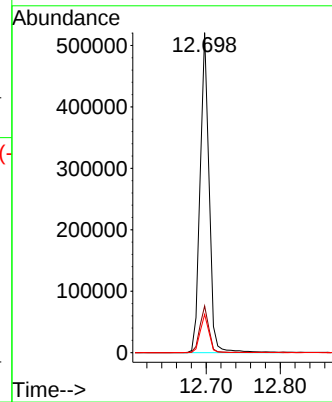
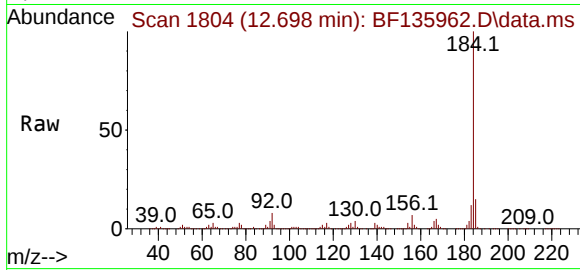
Tgt Ion:184 Resp: 438427

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.9 9.2 13.8



#78

Pyrene

Concen: 59.059 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

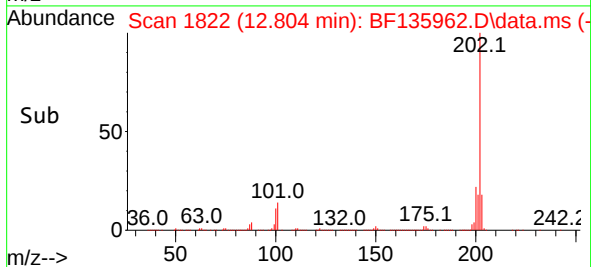
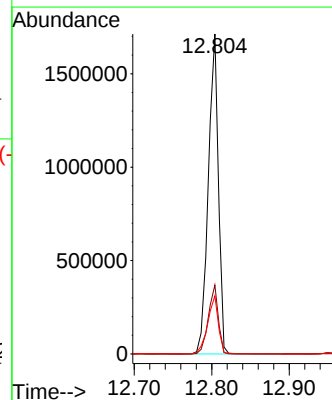
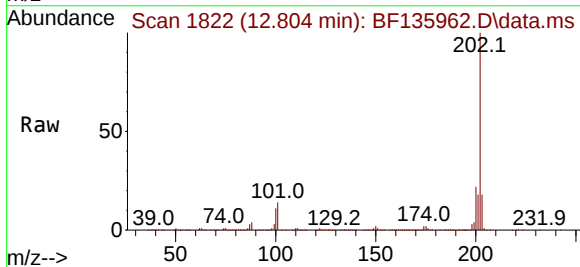
Tgt Ion:202 Resp: 1544948

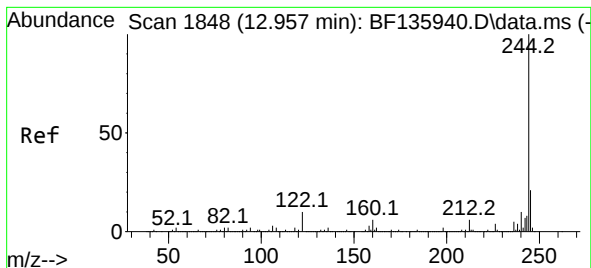
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

203 18.1 14.5 21.7





#79

Terphenyl-d14

Concen: 72.092 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

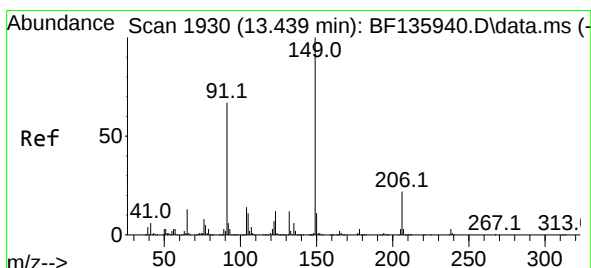
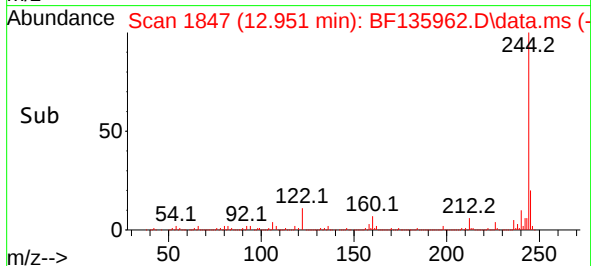
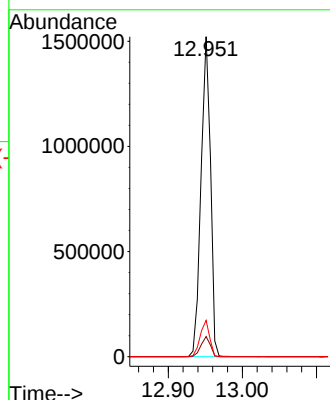
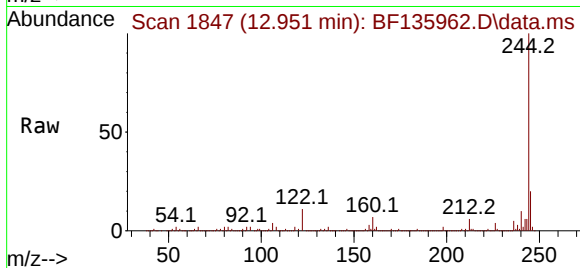
Tgt Ion:244 Resp: 1344312

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

122 11.3 8.0 12.0



#80

Butylbenzylphthalate

Concen: 49.831 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

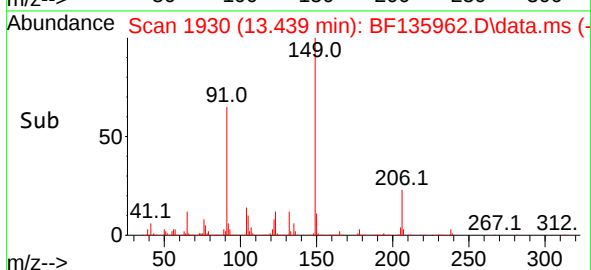
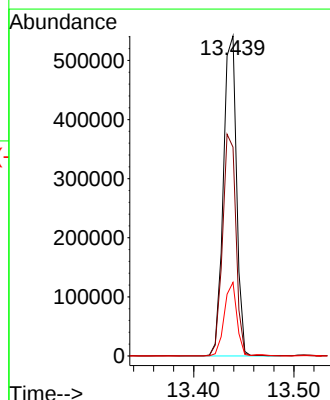
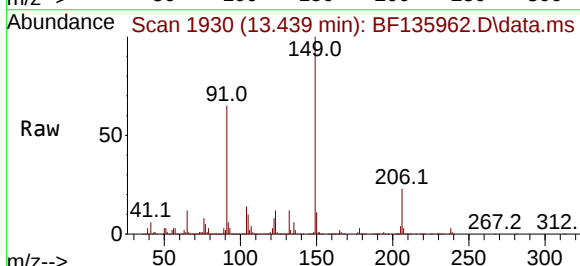
Tgt Ion:149 Resp: 494209

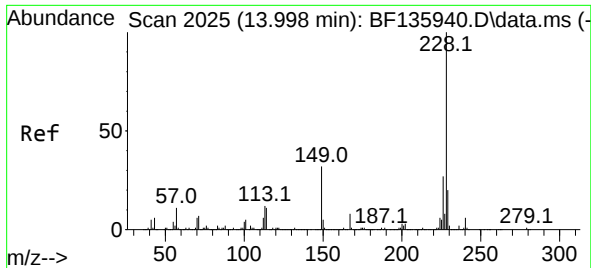
Ion Ratio Lower Upper

149 100

91 65.2 53.4 80.0

206 23.0 17.5 26.3

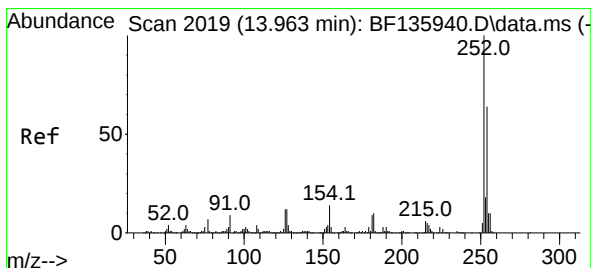
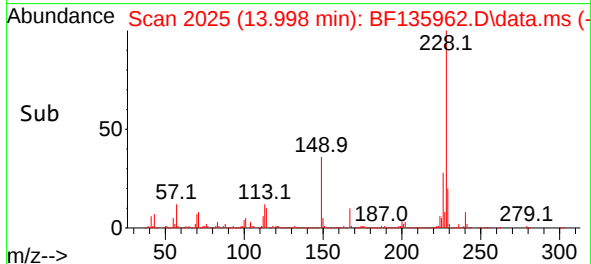
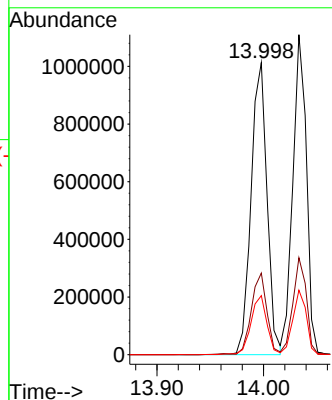
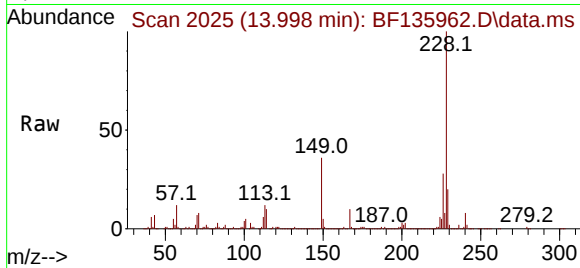




#81
Benzo(a)anthracene
Concen: 49.530 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

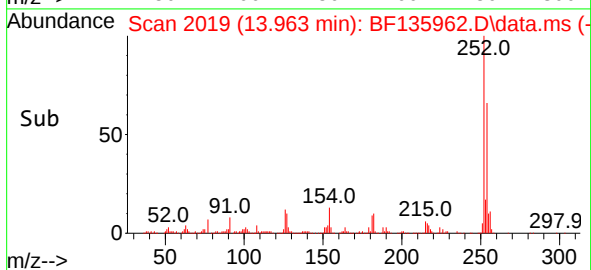
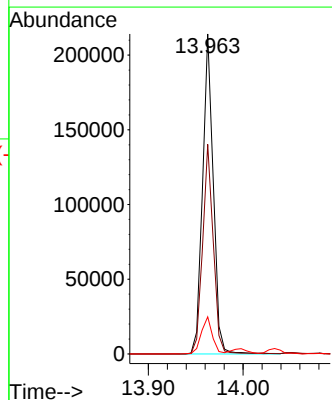
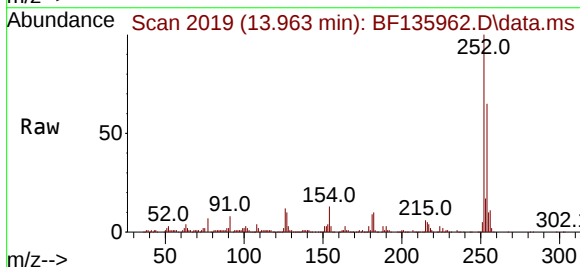
Instrument :
BNA_F
ClientSampleId :
72-11991MS

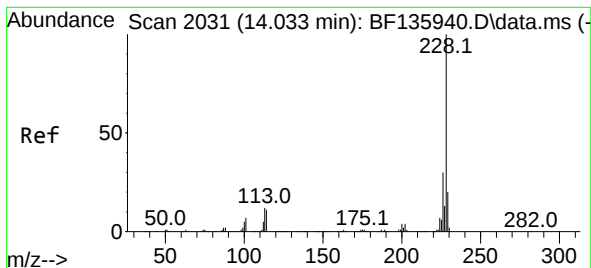
Tgt Ion:228 Resp: 1049241
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 20.2 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 26.101 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:252 Resp: 168218
Ion Ratio Lower Upper
252 100
254 65.5 50.9 76.3
126 11.6 9.8 14.6





#83

Chrysene

Concen: 47.798 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

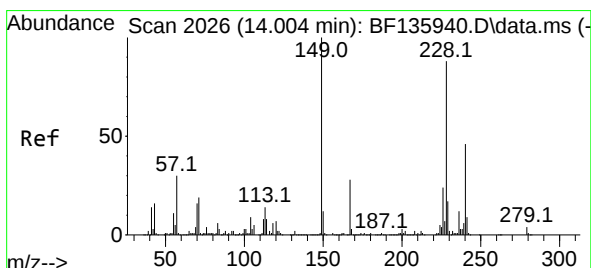
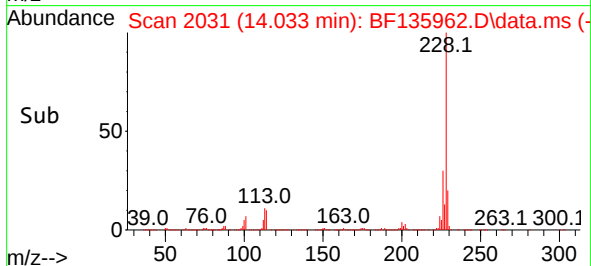
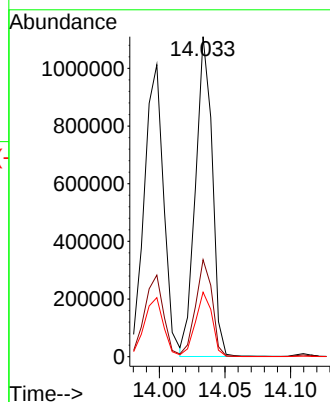
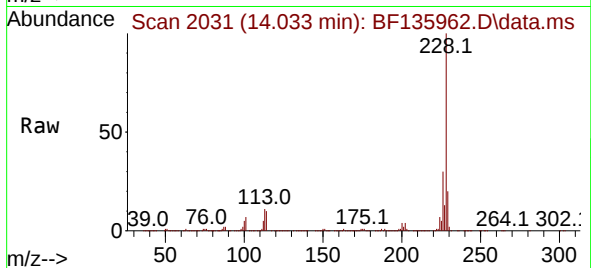
Tgt Ion:228 Resp: 986173

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.963 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

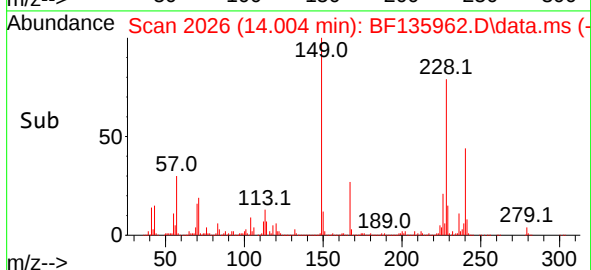
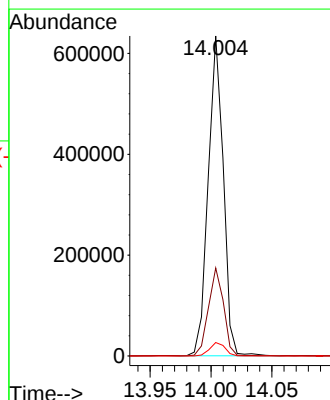
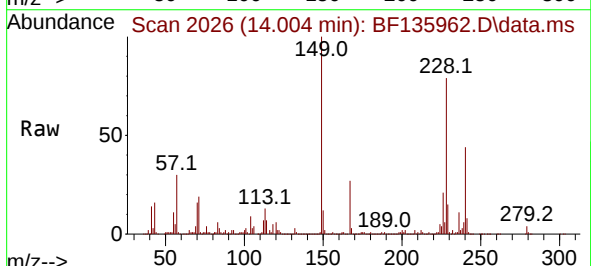
Tgt Ion:149 Resp: 548204

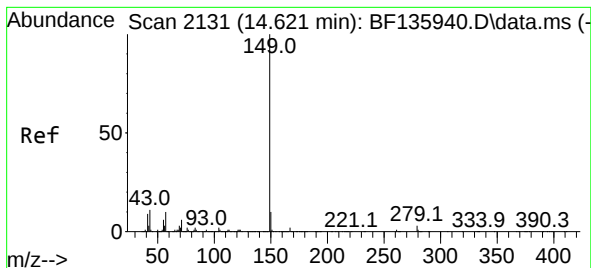
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 4.2 3.1 4.7

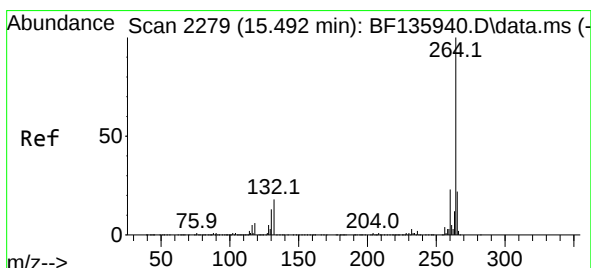
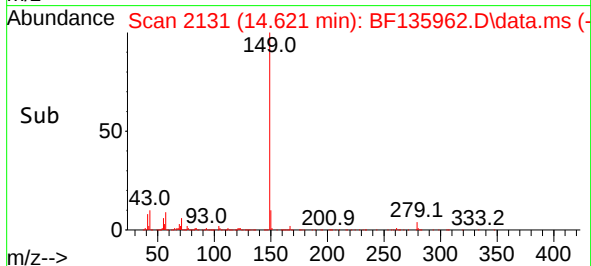
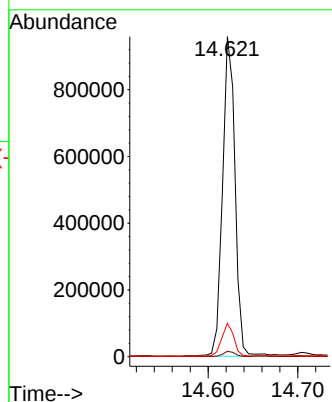
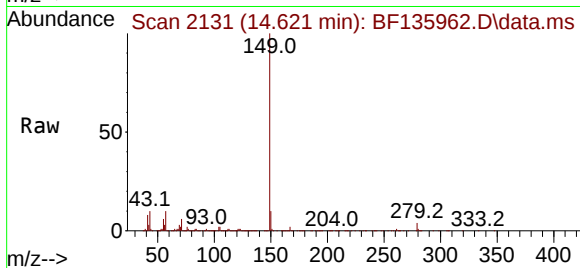




#85
Di-n-octyl phthalate
Concen: 54.744 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

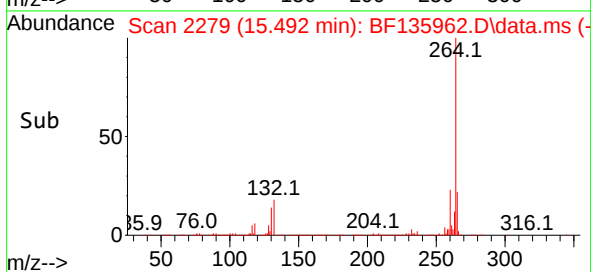
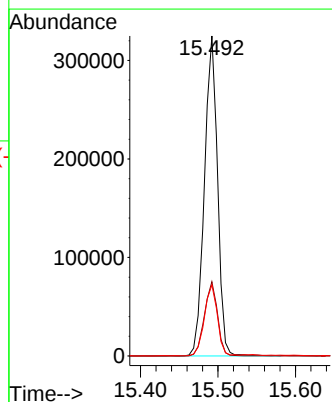
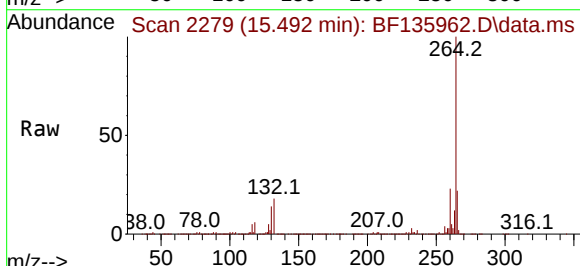
Instrument :
BNA_F
ClientSampleId :
72-11991MS

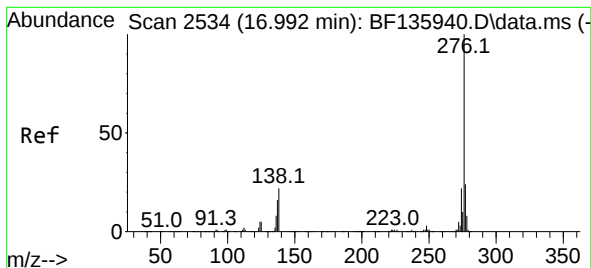
Tgt Ion:149 Resp: 927662
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF135962.D
Acq: 26 Oct 2023 14:31

Tgt Ion:264 Resp: 381876
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.846 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

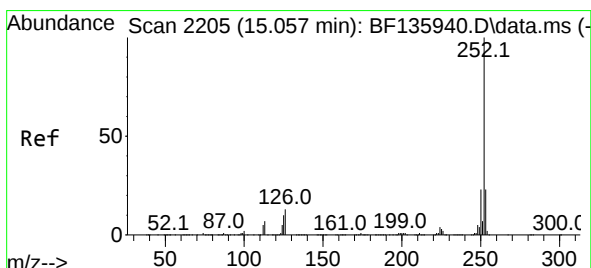
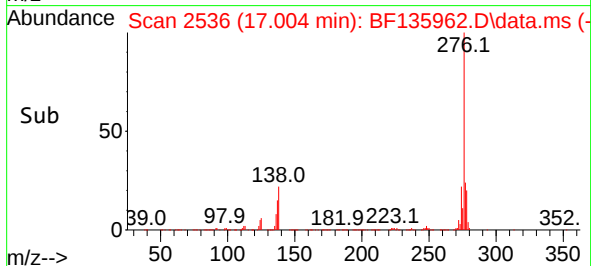
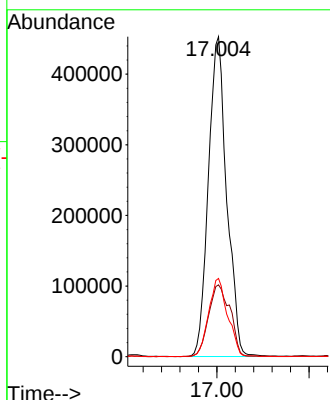
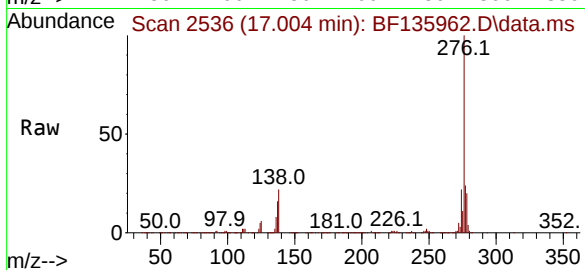
Tgt Ion:276 Resp: 1252576

Ion Ratio Lower Upper

276 100

138 26.5 21.8 32.6

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.052 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

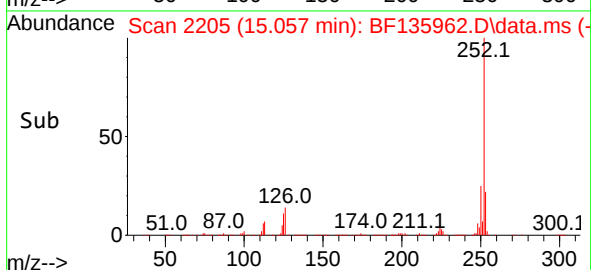
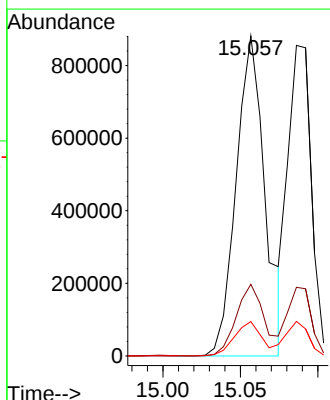
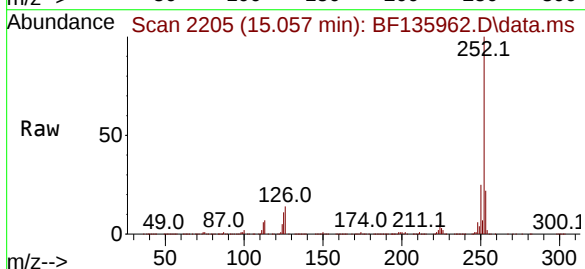
Tgt Ion:252 Resp: 1137505

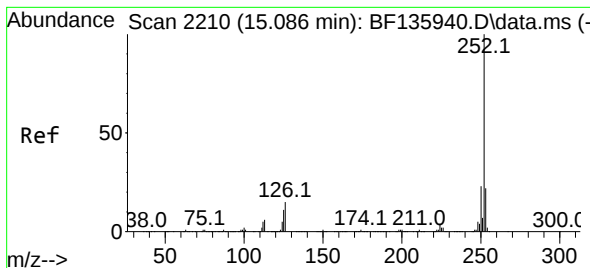
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 10.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 40.448 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

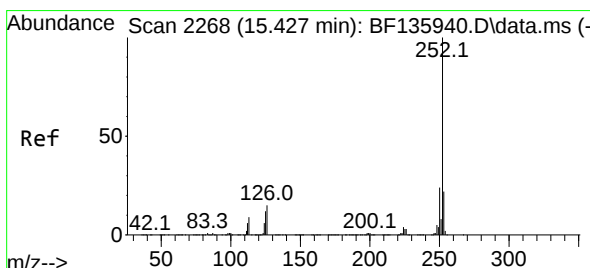
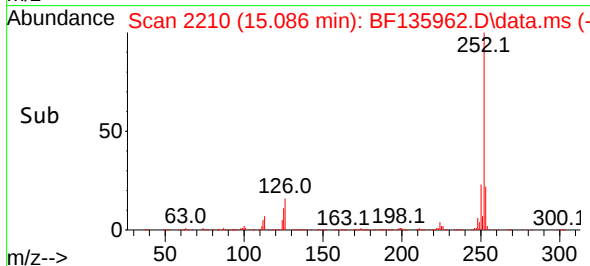
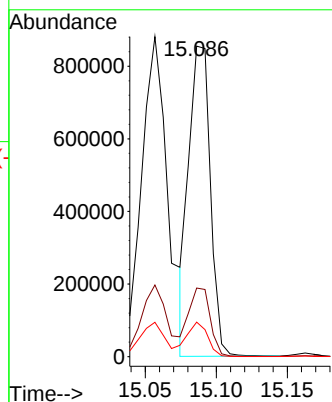
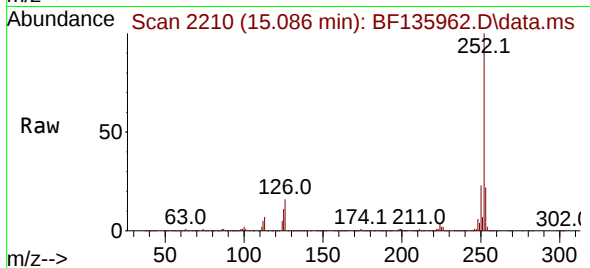
Tgt Ion:252 Resp: 902804

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.1 8.5 12.7



#90

Benzo(a)pyrene

Concen: 45.560 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

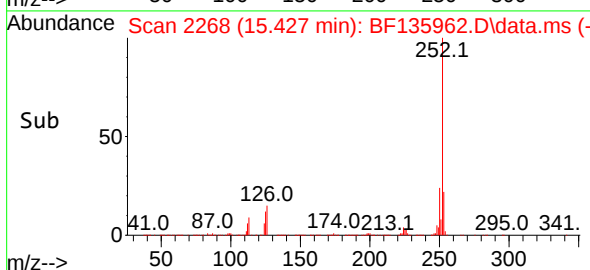
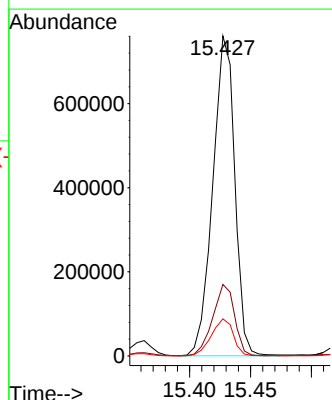
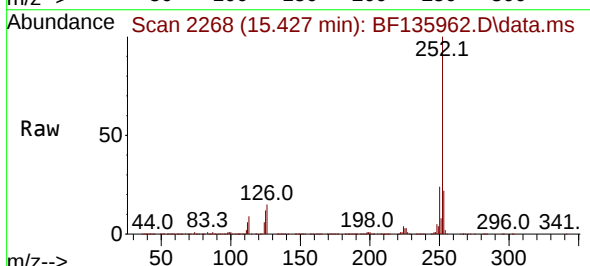
Tgt Ion:252 Resp: 954281

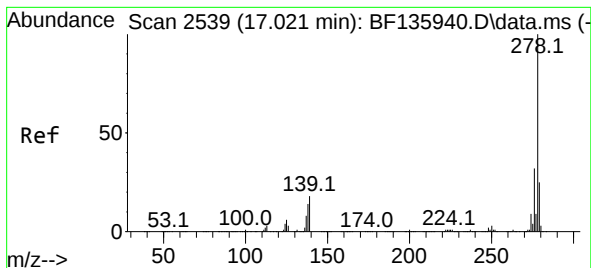
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 11.6 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 54.774 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

72-11991MS

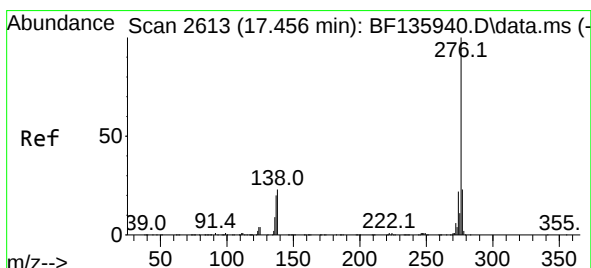
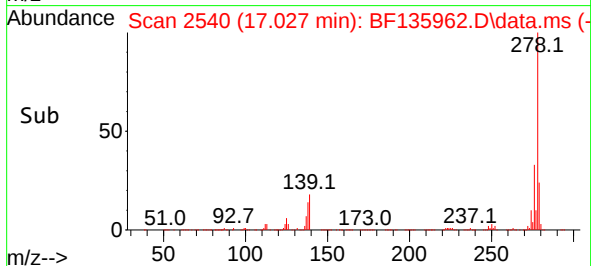
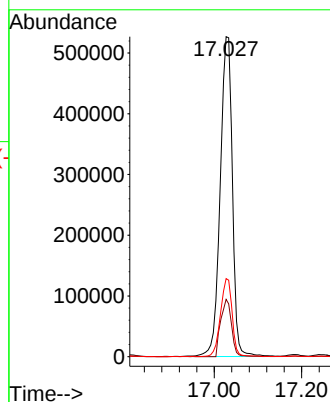
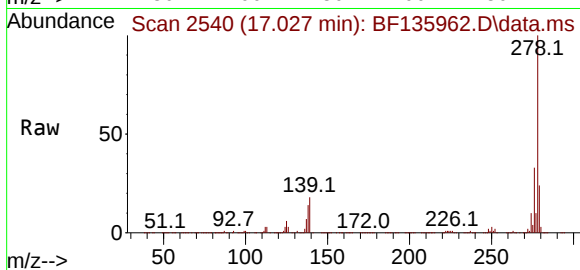
Tgt Ion:278 Resp: 1014510

Ion Ratio Lower Upper

278 100

139 17.9 14.0 21.0

279 24.4 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 46.542 ng

RT: 17.462 min Scan# 2614

Delta R.T. 0.006 min

Lab File: BF135962.D

Acq: 26 Oct 2023 14:31

Tgt Ion:276 Resp: 977499

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 22.4 18.4 27.6

