

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135472.D
 Acq On : 27 Sep 2023 15:00
 Operator : CG\JU
 Sample : 04441-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976MSD

Quant Time: Sep 28 01:46:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	172362	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	634619	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	298285	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	506738	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	274600	20.000	ng	0.00
86) Perylene-d12	15.415	264	357194	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1230654	116.127	ng	0.02
7) Phenol-d6	6.410	99	1530995	113.615	ng	0.00
23) Nitrobenzene-d5	7.328	82	972855	83.286	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	296313	99.963	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1540700	77.928	ng	0.00
79) Terphenyl-d14	12.880	244	1220927	68.925	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	154154	33.182	ng	92
3) Pyridine	3.298	79	444657	35.563	ng	91
4) n-Nitrosodimethylamine	3.251	42	306562	46.204	ng	92
6) Aniline	6.422	93	544484	30.813	ng	# 16
8) 2-Chlorophenol	6.545	128	543042	48.002	ng	98
9) Benzaldehyde	6.310	77	163162	21.254	ng	97
10) Phenol	6.422	94	622558	42.132	ng	84
11) bis(2-Chloroethyl)ether	6.498	93	537963	48.536	ng	98
12) 1,3-Dichlorobenzene	6.698	146	505753	43.990	ng	98
13) 1,4-Dichlorobenzene	6.775	146	517479	44.240	ng	99
14) 1,2-Dichlorobenzene	6.922	146	492759	45.362	ng	99
15) Benzyl Alcohol	6.910	79	436158	45.106	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.033	45	970226	46.440	ng	84
17) 2-Methylphenol	7.022	107	427201	42.792	ng	94
18) Hexachloroethane	7.263	117	196812	45.537	ng	96
19) n-Nitroso-di-n-propyla...	7.175	70	339966	40.731	ng	95
20) 3+4-Methylphenols	7.181	107	487164	40.582	ng	# 74
22) Acetophenone	7.169	105	668245	46.057	ng	95
24) Nitrobenzene	7.345	77	560526	48.550	ng	98
25) Isophorone	7.580	82	1052040	49.048	ng	98
26) 2-Nitrophenol	7.657	139	291719	52.646	ng	96
27) 2,4-Dimethylphenol	7.698	122	418570	44.940	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	656803	51.161	ng	99
29) 2,4-Dichlorophenol	7.904	162	415512	48.144	ng	98
30) 1,2,4-Trichlorobenzene	7.980	180	432107	47.901	ng	99
31) Naphthalene	8.057	128	1456983	47.252	ng	99
32) Benzoic acid	7.851	122	334592	47.706	ng	99
33) 4-Chloroaniline	8.116	127	483240	35.721	ng	98
34) Hexachlorobutadiene	8.169	225	242626	44.605	ng	99
35) Caprolactam	8.492	113	94551	32.643	ng	96
36) 4-Chloro-3-methylphenol	8.610	107	449343	46.845	ng	95
37) 2-Methylnaphthalene	8.751	142	909493	43.880	ng	98
38) 1-Methylnaphthalene	8.851	142	858157	44.223	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	421847	48.816	ng	99
41) Hexachlorocyclopentadiene	8.898	237	214866	58.605	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	272660	48.190	ng	99

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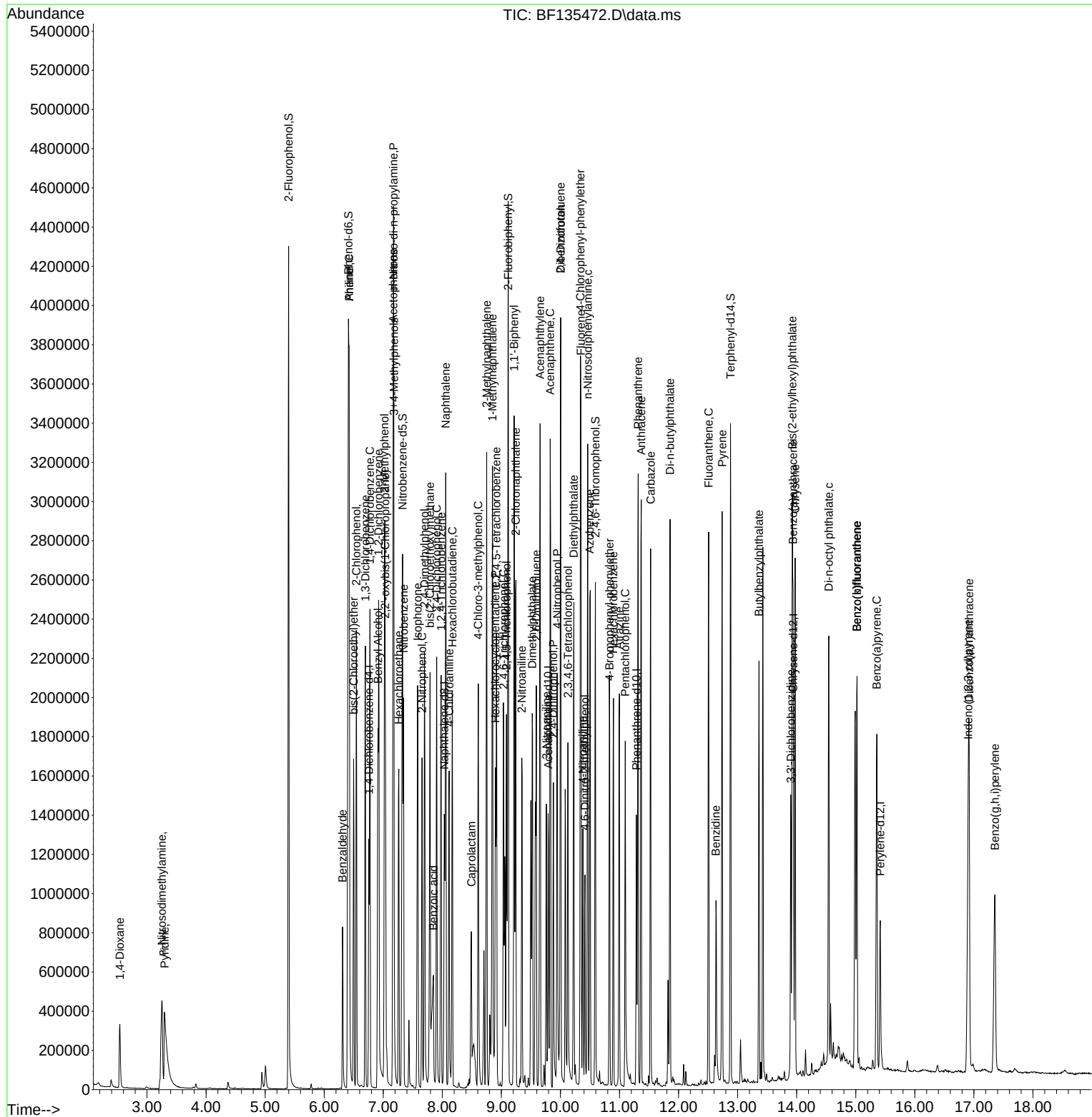
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	293980	45.118	ng	98
46) 1,1'-Biphenyl	9.216	154	1113211	48.564	ng	97
47) 2-Chloronaphthalene	9.245	162	831106	49.971	ng	100
48) 2-Nitroaniline	9.345	65	326422	50.519	ng	96
49) Acenaphthylene	9.657	152	1344808	48.653	ng	99
50) Dimethylphthalate	9.522	163	974989	48.346	ng	100
51) 2,6-Dinitrotoluene	9.592	165	216275	48.954	ng	91
52) Acenaphthene	9.827	154	782906	47.947	ng	98
53) 3-Nitroaniline	9.763	138	208802	40.263	ng	95
54) 2,4-Dinitrophenol	9.880	184	195454	78.092	ng	95
55) Dibenzofuran	10.004	168	1091679	43.812	ng	98
56) 4-Nitrophenol	9.945	139	262932	79.775	ng	95
57) 2,4-Dinitrotoluene	10.004	165	235926	42.656	ng	88
58) Fluorene	10.345	166	864972	45.155	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	228887	45.666	ng	99
60) Diethylphthalate	10.227	149	933229	46.109	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	400685	43.545	ng	93
62) 4-Nitroaniline	10.380	138	216834	43.498	ng	97
63) Azobenzene	10.498	77	970364	48.988	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	131875	48.998	ng	93
66) n-Nitrosodiphenylamine	10.463	169	790057	51.499	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	252154	50.032	ng	96
68) Hexachlorobenzene	10.898	284	262588	51.142	ng	95
69) Atrazine	10.998	200	229538	55.606	ng	97
70) Pentachlorophenol	11.098	266	232050	75.538	ng	98
71) Phenanthrene	11.316	178	1211240	50.539	ng	99
72) Anthracene	11.368	178	1189795	48.297	ng	99
73) Carbazole	11.527	167	1090019	48.606	ng	99
74) Di-n-butylphthalate	11.857	149	1351469	51.143	ng	100
75) Fluoranthene	12.510	202	1180306	47.263	ng	99
77) Benzidine	12.633	184	412170	73.266	ng	100
78) Pyrene	12.739	202	1172969	44.866	ng	100
80) Butylbenzylphthalate	13.362	149	472304	51.310	ng	99
81) Benzo(a)anthracene	13.939	228	912724	51.474	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	305474	55.154	ng	99
83) Chrysene	13.974	228	880068	49.921	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	593430	62.825	ng	98
85) Di-n-octyl phthalate	14.545	149	1112670	74.123	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.903	276	1016300	43.395	ng	96
88) Benzo(b)fluoranthene	15.021	252	862306	44.595	ng	98
89) Benzo(k)fluoranthene	15.021	252	862306	45.145	ng	98
90) Benzo(a)pyrene	15.356	252	870605	47.214	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	829022	43.262	ng	99
92) Benzo(g,h,i)perylene	17.356	276	794644	39.707	ng	98

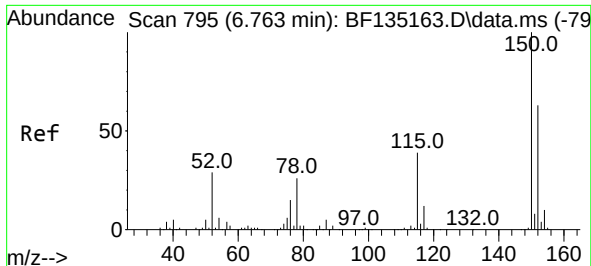
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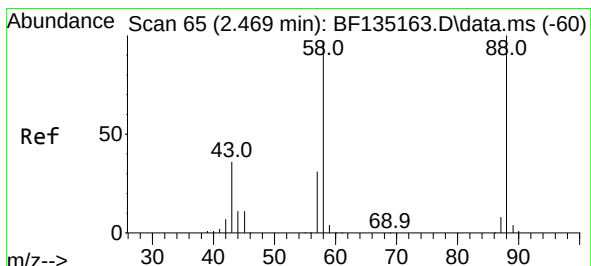
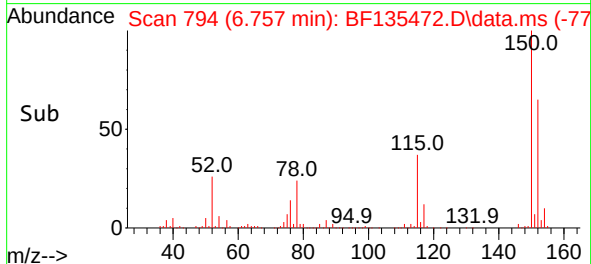
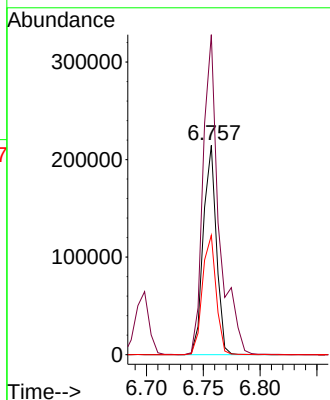
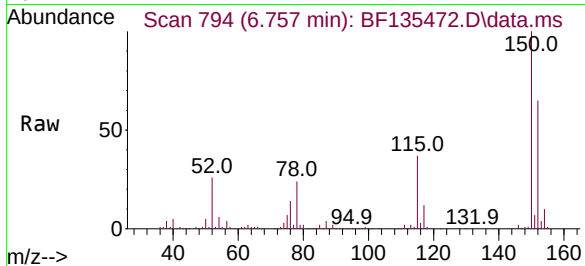




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

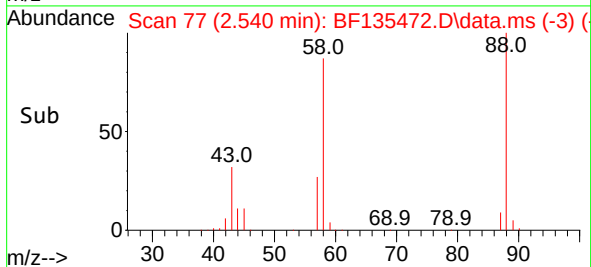
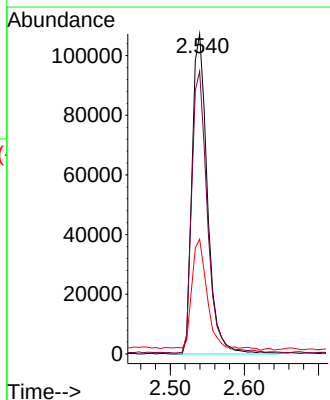
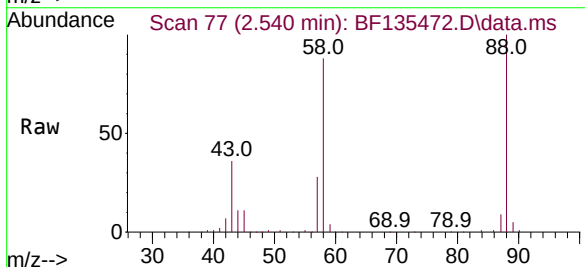
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ClientSampleId :
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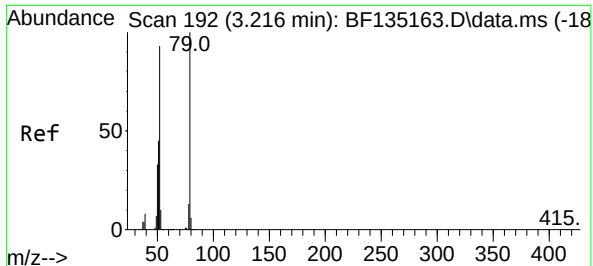
Tgt Ion:152 Resp: 172362
Ion Ratio Lower Upper
152 100
150 152.9 127.8 191.6
115 57.1 49.8 74.8



#2
1,4-Dioxane
Concen: 33.182 ng
RT: 2.540 min Scan# 77
Delta R.T. 0.088 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion: 88 Resp: 154154
Ion Ratio Lower Upper
88 100
58 89.0 78.3 117.5
43 32.6 29.4 44.0

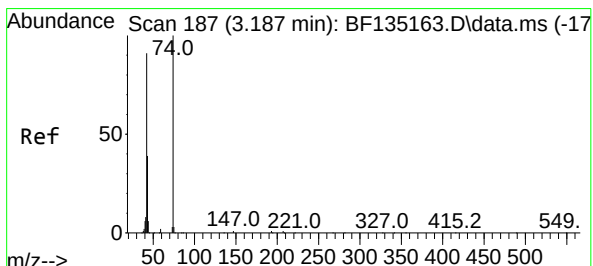
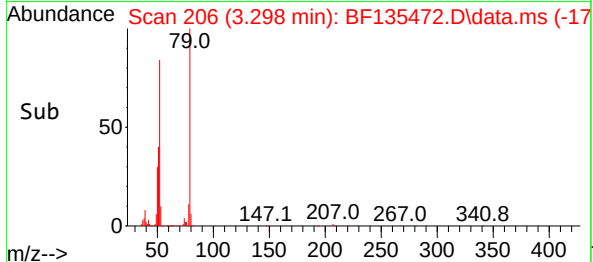
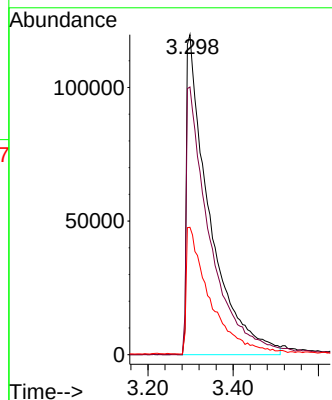
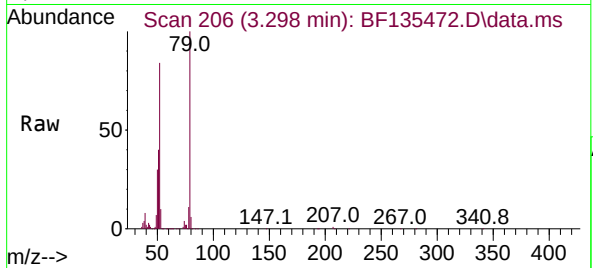




#3
Pyridine
Concen: 35.563 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.100 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

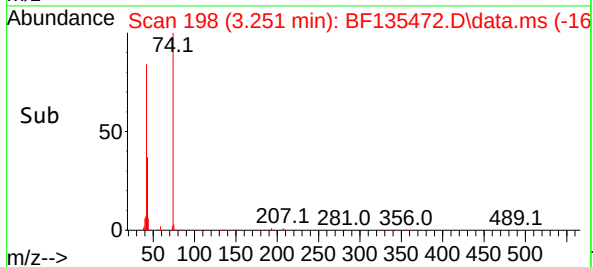
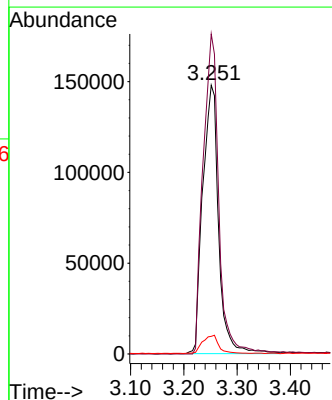
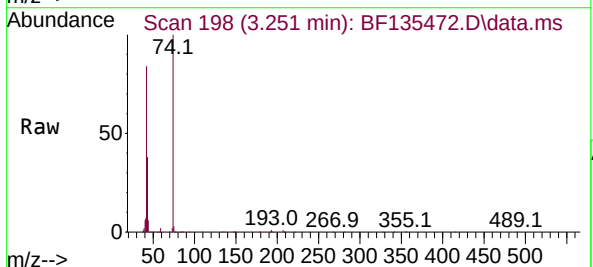
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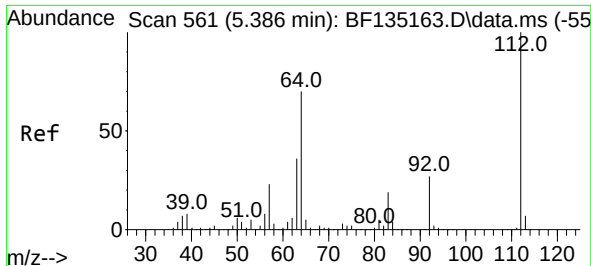
Tgt Ion: 79 Resp: 444657
Ion Ratio Lower Upper
79 100
52 83.6 74.1 111.1
51 39.8 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 46.204 ng
RT: 3.251 min Scan# 198
Delta R.T. 0.082 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion: 42 Resp: 306562
Ion Ratio Lower Upper
42 100
74 119.0 87.7 131.5
44 6.6 5.6 8.4

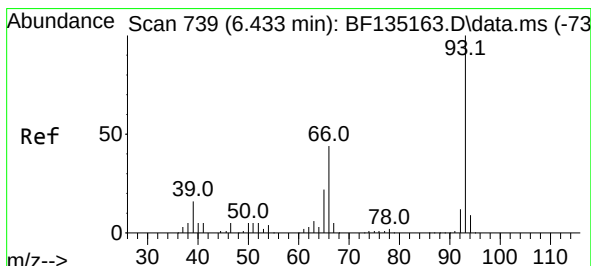
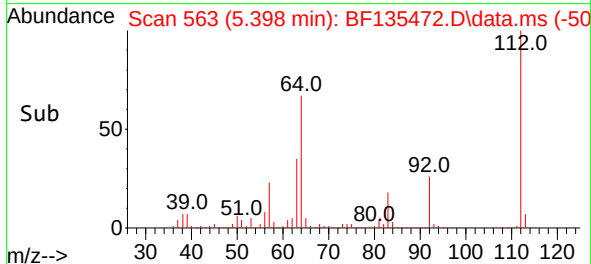
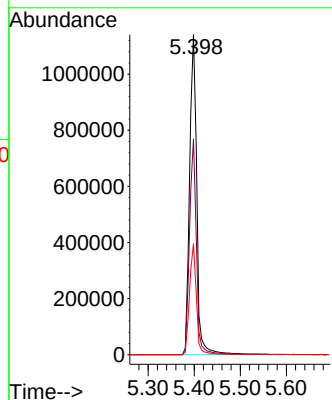
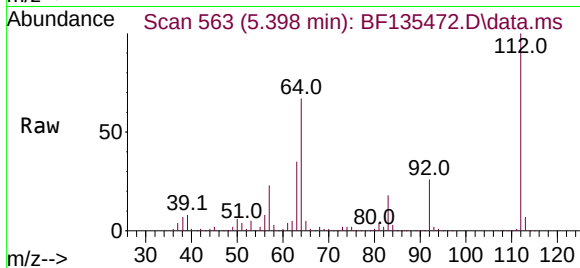




#5
2-Fluorophenol
Concen: 116.127 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

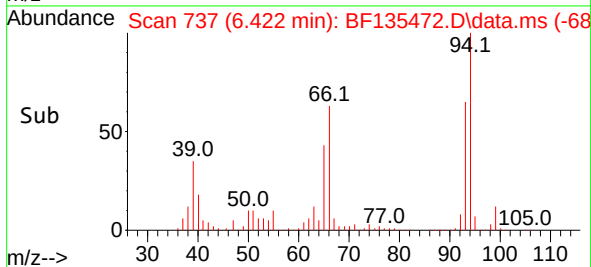
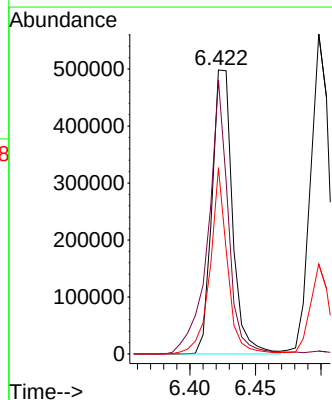
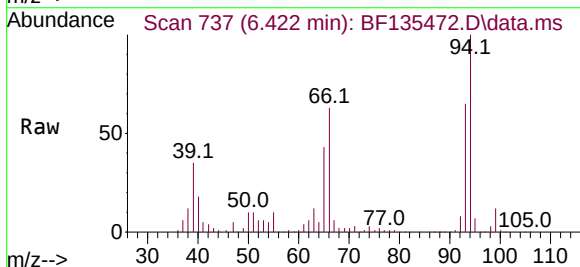
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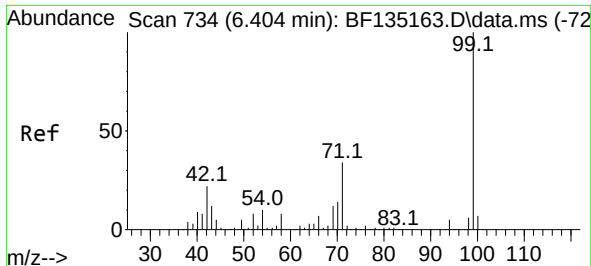
Tgt Ion:112 Resp: 1230654
Ion Ratio Lower Upper
112 100
64 67.5 55.9 83.9
63 34.7 29.0 43.6



#6
Aniline
Concen: 30.813 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion: 93 Resp: 544484
Ion Ratio Lower Upper
93 100
66 96.5 35.4 53.0#
65 65.6 17.8 26.8#

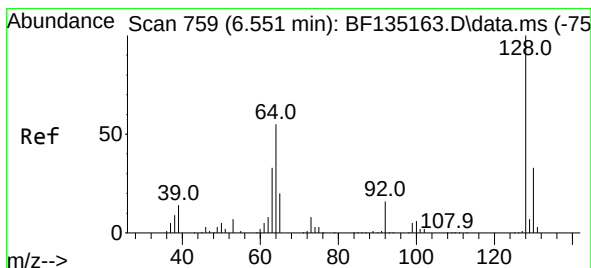
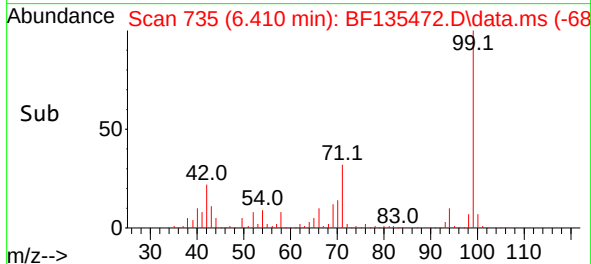
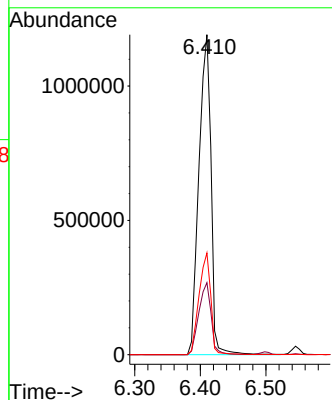
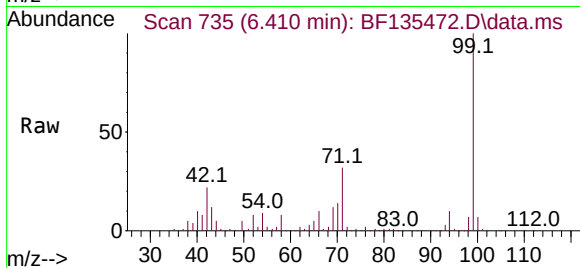




#7
Phenol-d6
Concen: 113.615 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

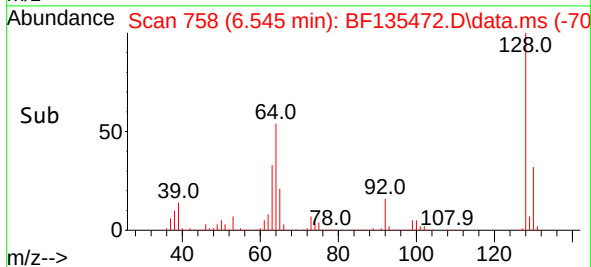
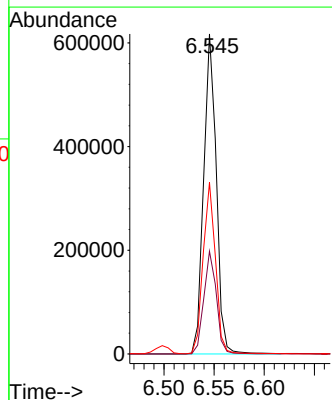
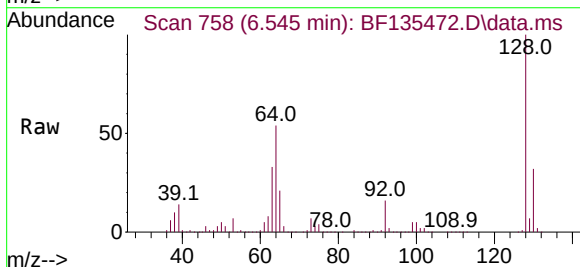
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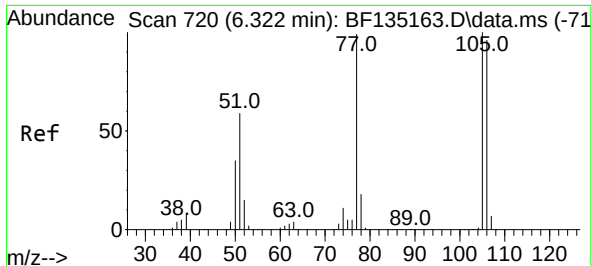
Tgt Ion: 99 Resp: 1530995
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 31.8 27.0 40.6



#8
2-Chlorophenol
Concen: 48.002 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:128 Resp: 543042
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 53.6 35.9 75.9

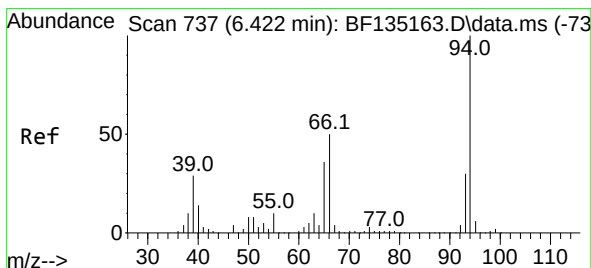
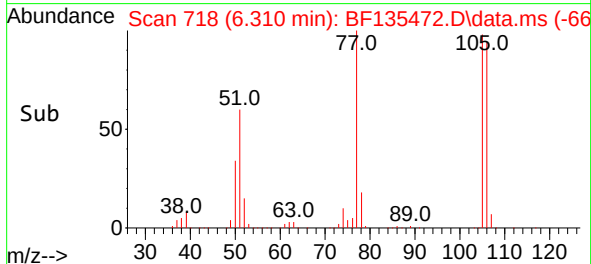
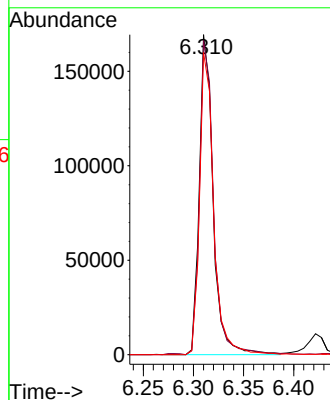
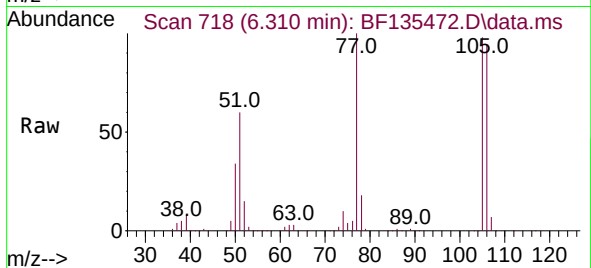




#9
Benzaldehyde
Concen: 21.254 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

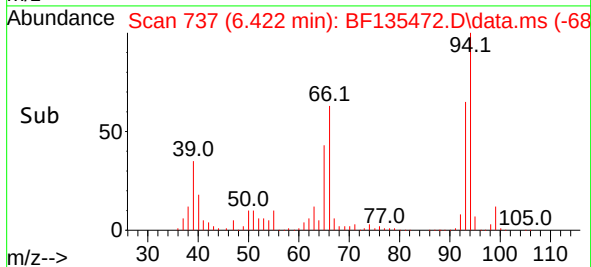
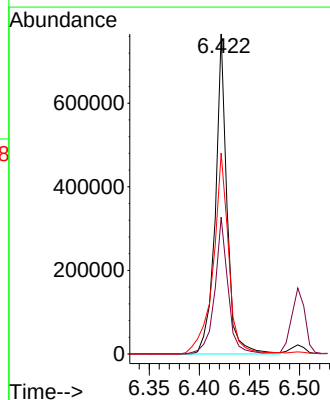
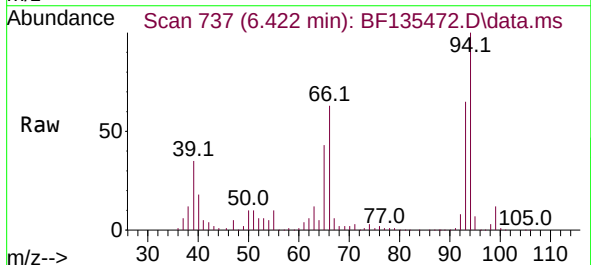
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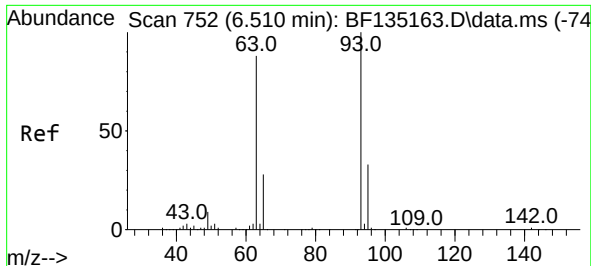
Tgt Ion: 77 Resp: 163162
Ion Ratio Lower Upper
77 100
105 98.1 81.4 121.4
106 94.4 76.9 116.9



#10
Phenol
Concen: 42.132 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion: 94 Resp: 622558
Ion Ratio Lower Upper
94 100
65 42.7 15.9 55.9
66 62.8 29.8 69.8

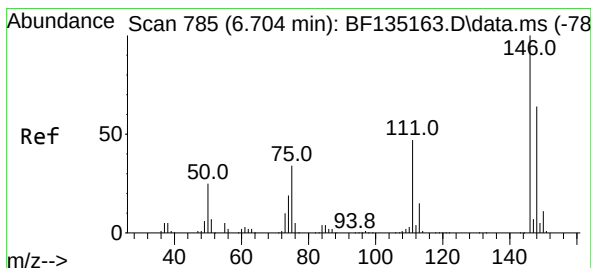
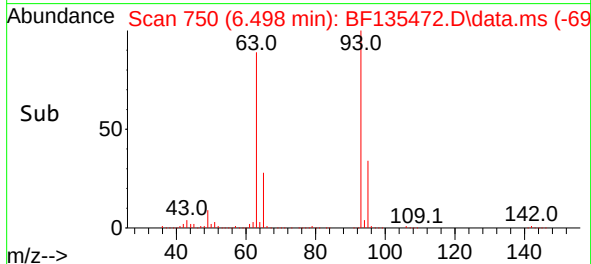
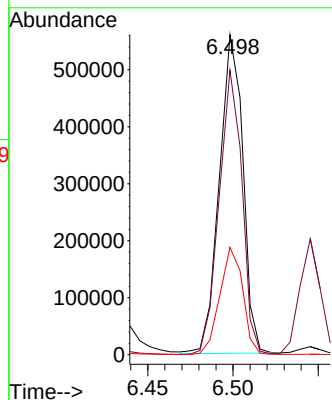
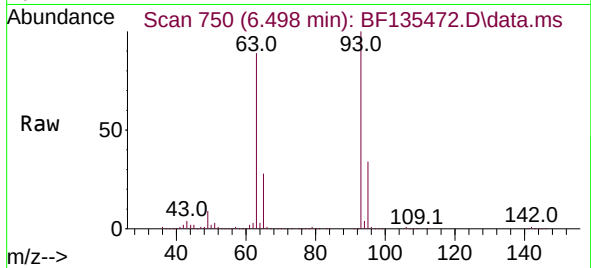




#11
bis(2-Chloroethyl)ether
Concen: 48.536 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

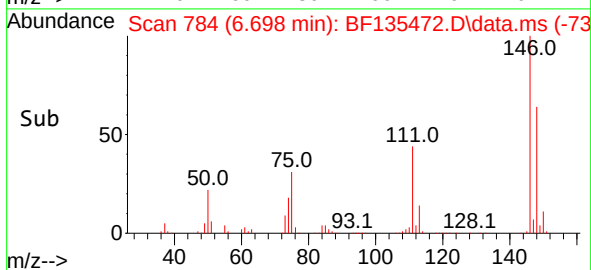
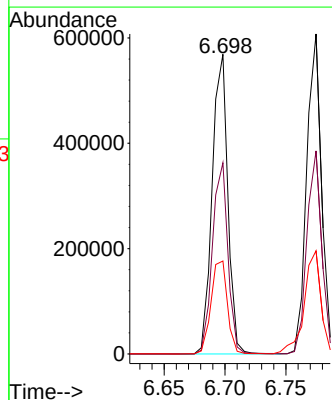
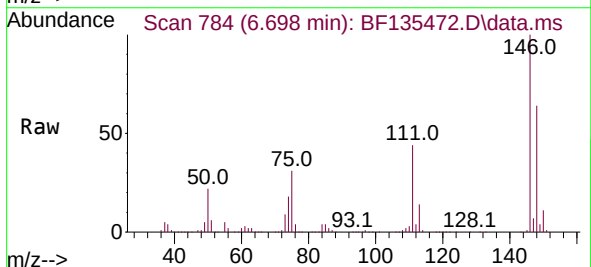
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

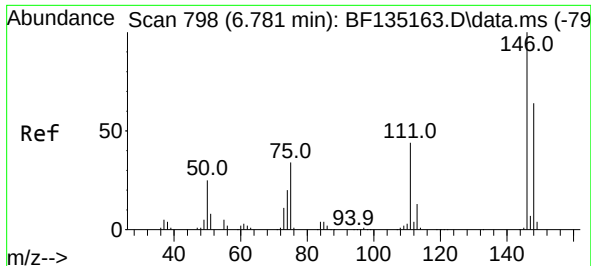
Tgt Ion: 93 Resp: 537963
Ion Ratio Lower Upper
93 100
63 88.9 67.3 107.3
95 33.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.990 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:146 Resp: 505753
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 31.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.240 ng

RT: 6.775 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

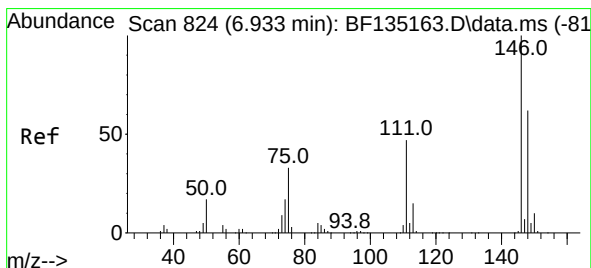
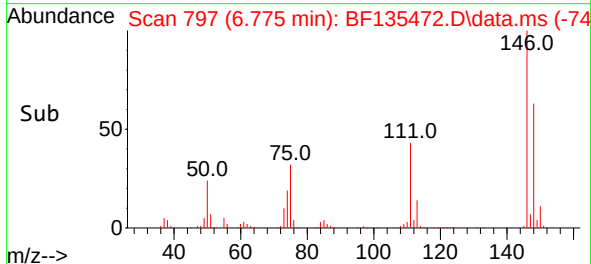
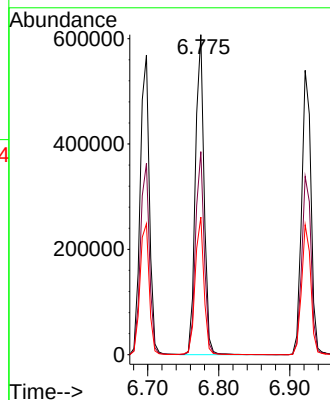
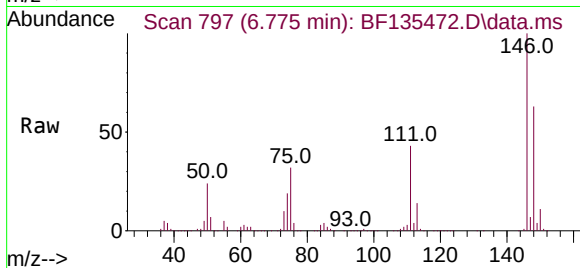
Tgt Ion:146 Resp: 517479

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

111 43.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 45.362 ng

RT: 6.922 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

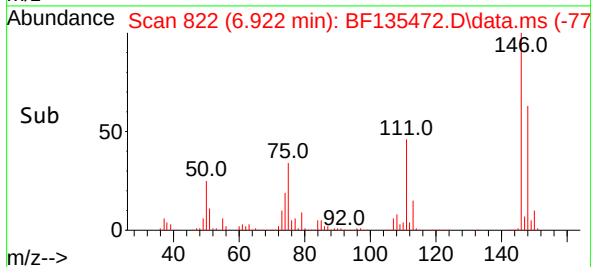
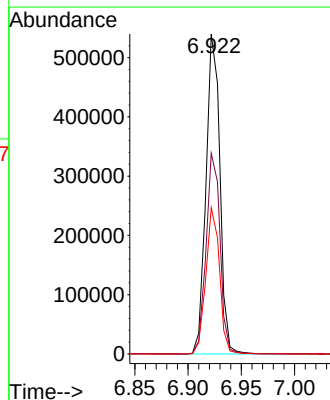
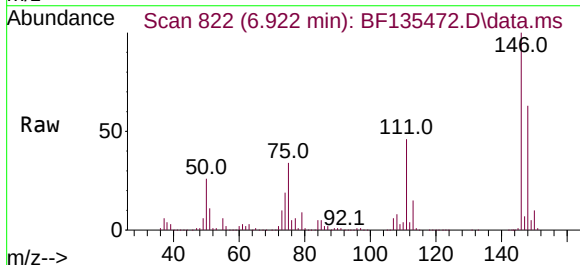
Tgt Ion:146 Resp: 492759

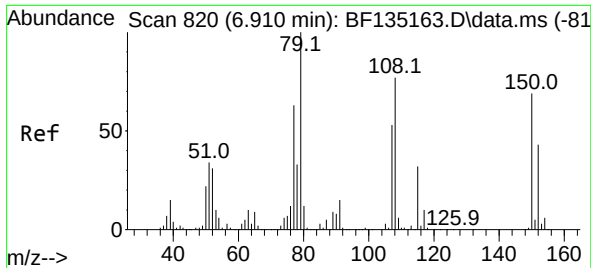
Ion Ratio Lower Upper

146 100

148 62.7 49.7 74.5

111 45.7 37.4 56.2

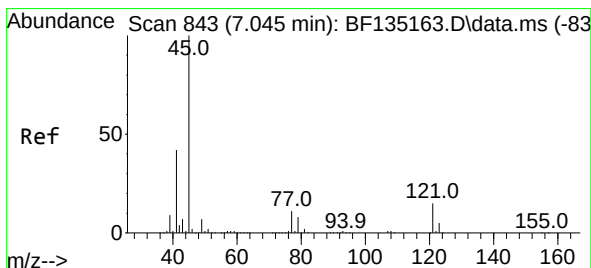
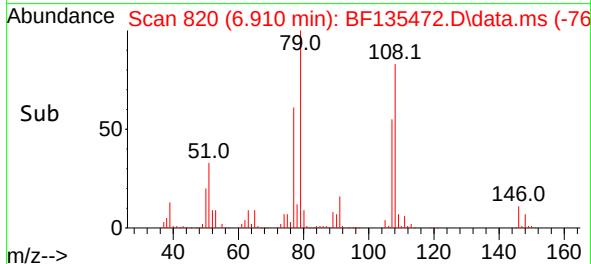
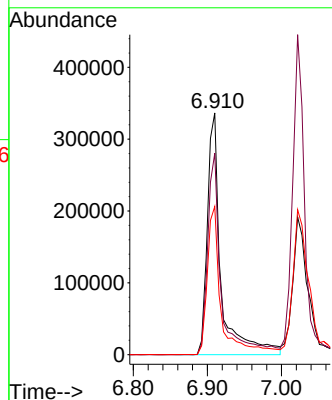
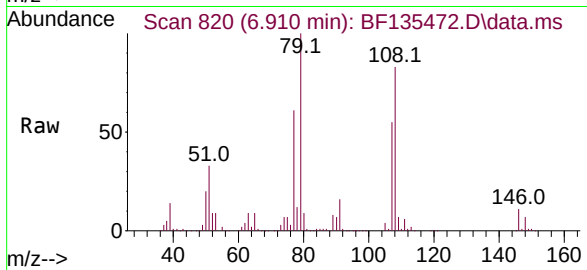




#15
Benzyl Alcohol
Concen: 45.106 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

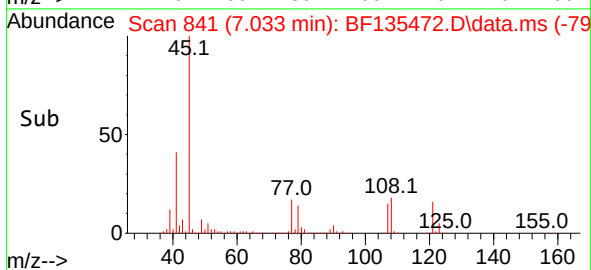
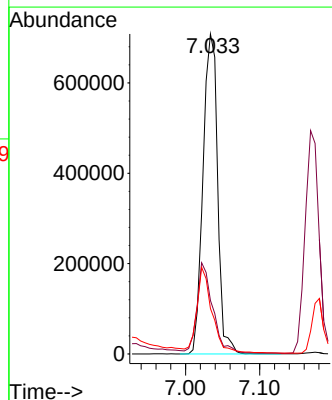
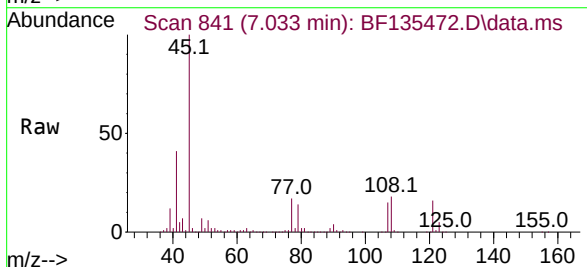
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

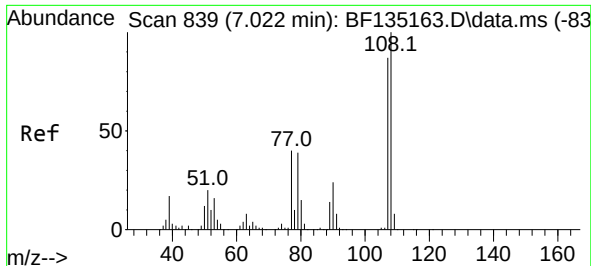
Tgt Ion: 79 Resp: 436158
Ion Ratio Lower Upper
79 100
108 83.3 61.2 91.8
77 61.3 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.440 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion: 45 Resp: 970226
Ion Ratio Lower Upper
45 100
77 16.7 0.0 30.6
79 14.2 0.0 28.3

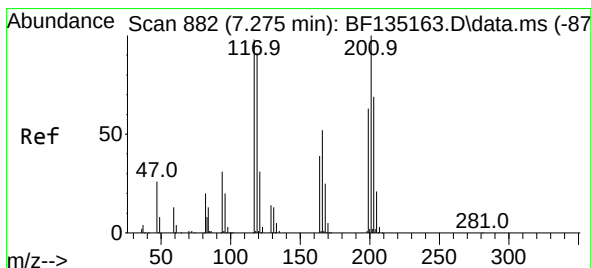
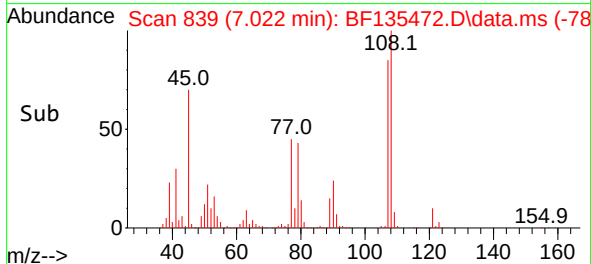
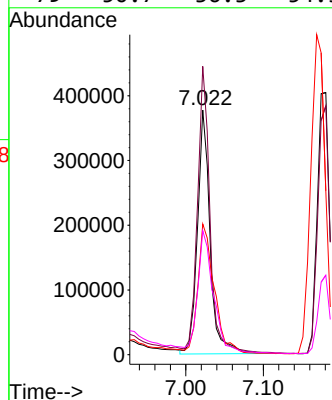
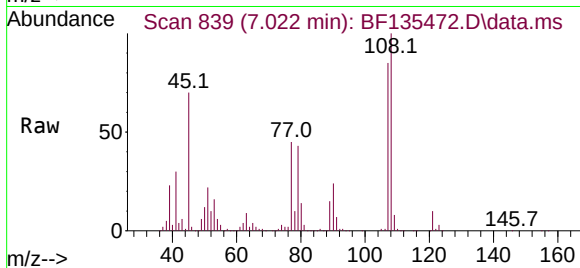




#17
2-Methylphenol
Concen: 42.792 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

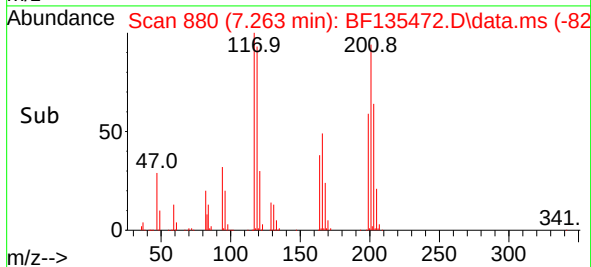
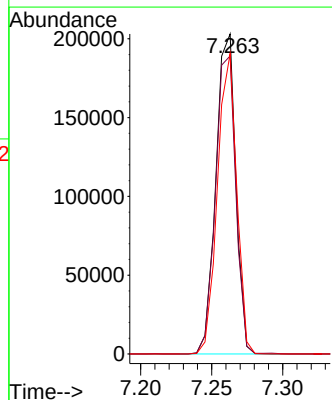
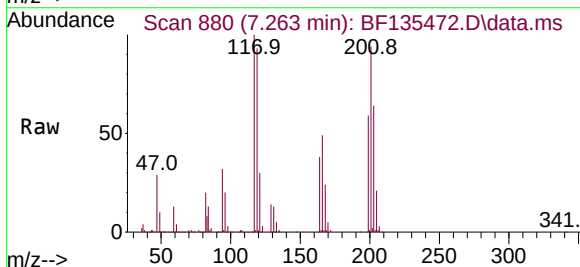
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

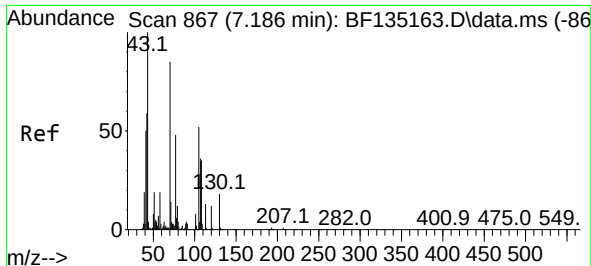
Tgt Ion:107 Resp: 427201
Ion Ratio Lower Upper
107 100
108 117.9 92.0 138.0
77 53.4 36.7 55.1
79 50.7 36.3 54.5



#18
Hexachloroethane
Concen: 45.537 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:117 Resp: 196812
Ion Ratio Lower Upper
117 100
119 93.1 74.7 112.1
201 93.9 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.731 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.000 min

Lab File: BF135472.D

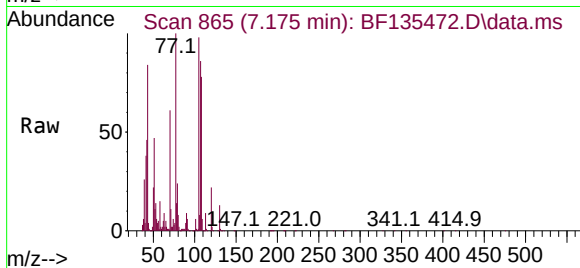
Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD



Tgt Ion: 70 Resp: 339966

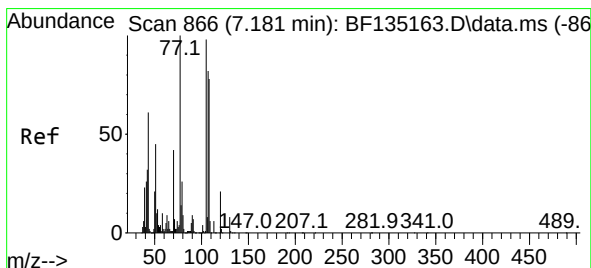
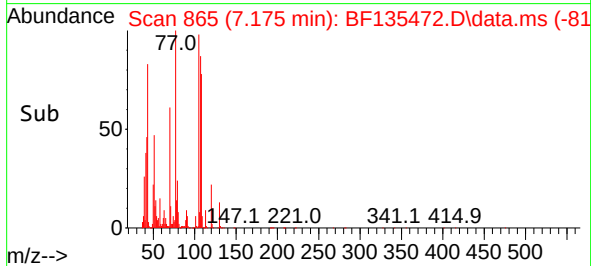
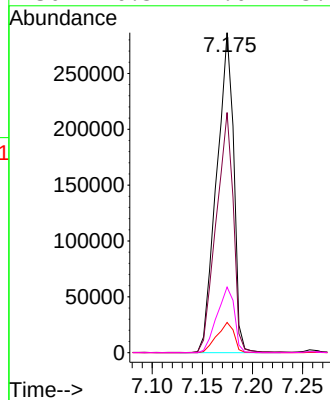
Ion Ratio Lower Upper

70 100

42 75.1 55.4 83.0

101 9.4 7.7 11.5

130 20.5 17.0 25.6



#20

3+4-Methylphenols

Concen: 40.582 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Tgt Ion: 107 Resp: 487164

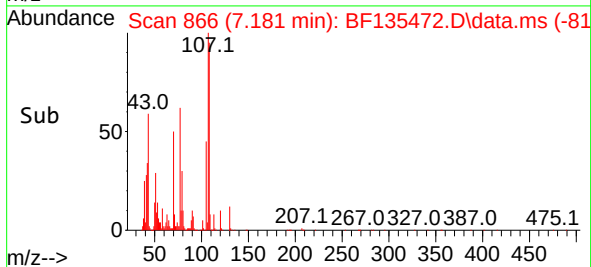
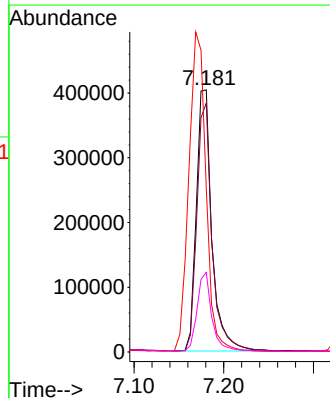
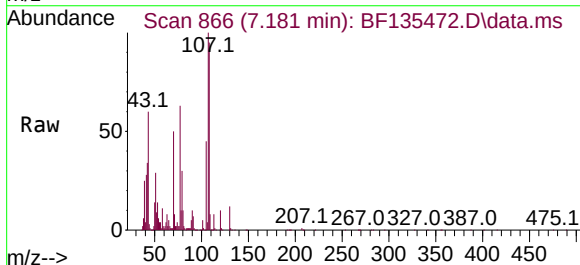
Ion Ratio Lower Upper

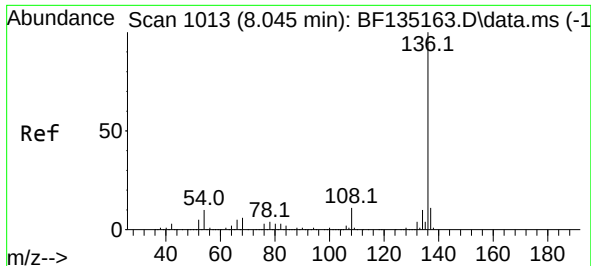
107 100

108 95.0 74.7 114.7

77 62.5 102.0 142.0#

79 30.3 11.7 51.7

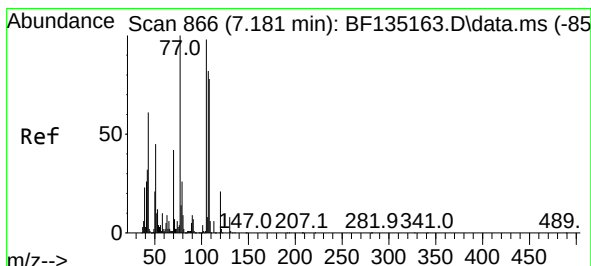
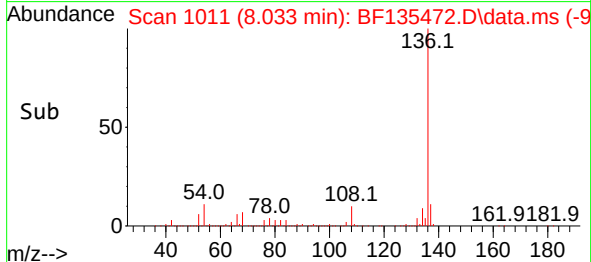
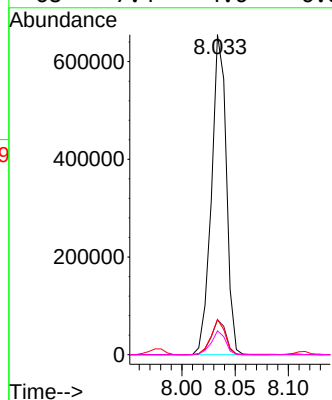
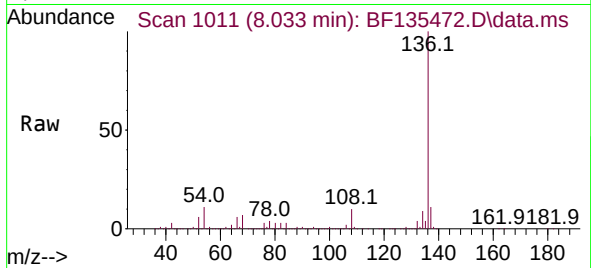




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

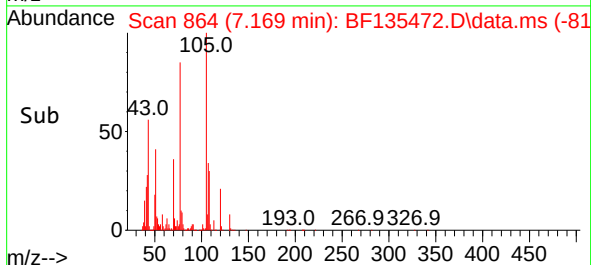
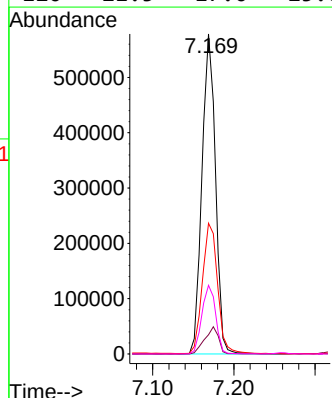
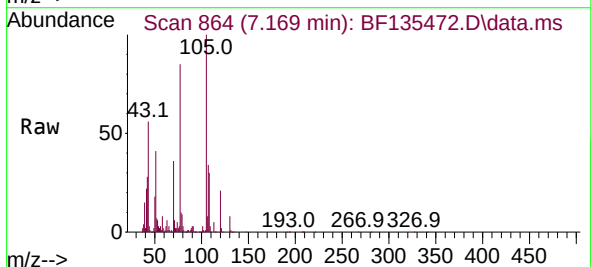
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

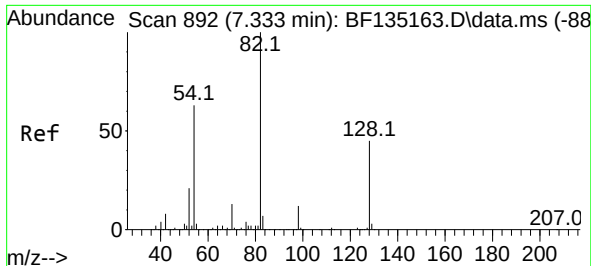
Tgt Ion:136 Resp: 634619
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.1 7.7 11.5
68 7.4 4.6 6.8#



#22
Acetophenone
Concen: 46.057 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:105 Resp: 668245
Ion Ratio Lower Upper
105 100
71 6.0 5.8 8.6
51 40.8 37.0 55.4
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 83.286 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

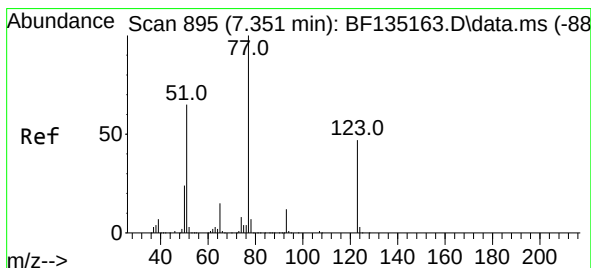
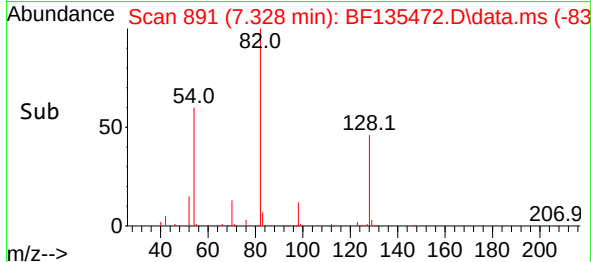
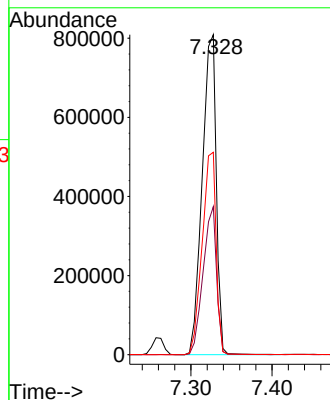
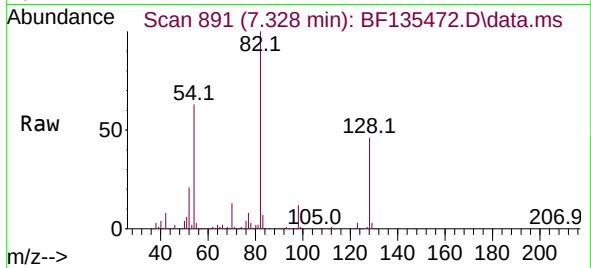
Tgt Ion: 82 Resp: 972855

Ion Ratio Lower Upper

82 100

128 46.2 35.8 53.6

54 63.2 50.6 76.0



#24

Nitrobenzene

Concen: 48.550 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

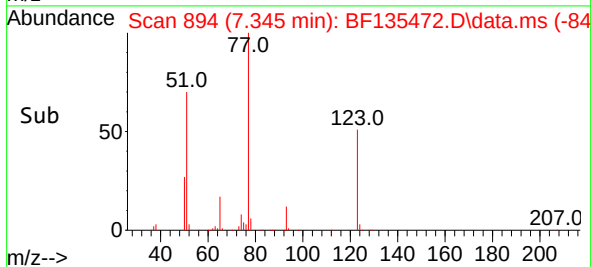
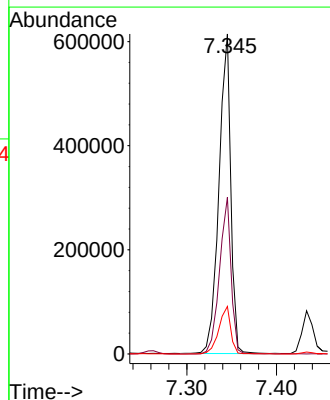
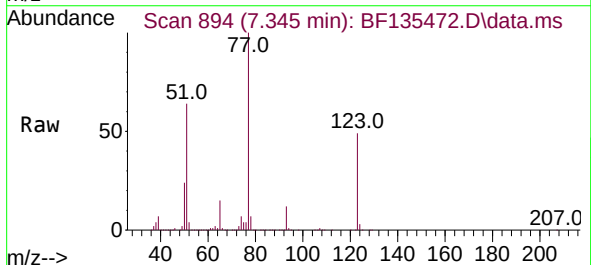
Tgt Ion: 77 Resp: 560526

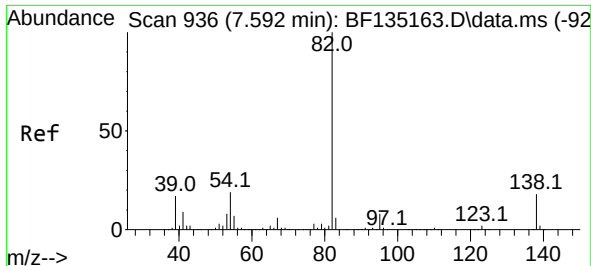
Ion Ratio Lower Upper

77 100

123 49.0 37.6 56.4

65 14.9 12.2 18.4

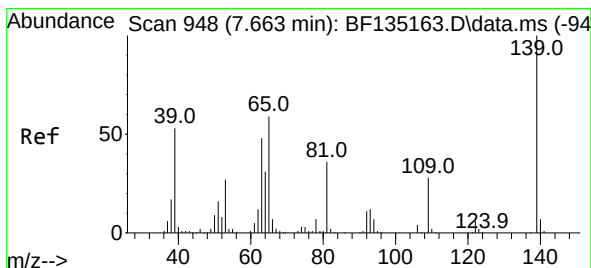
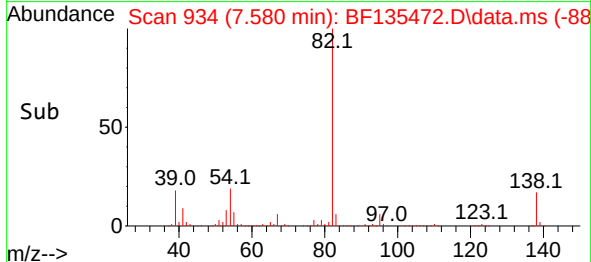
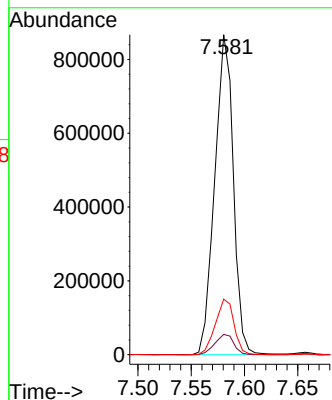
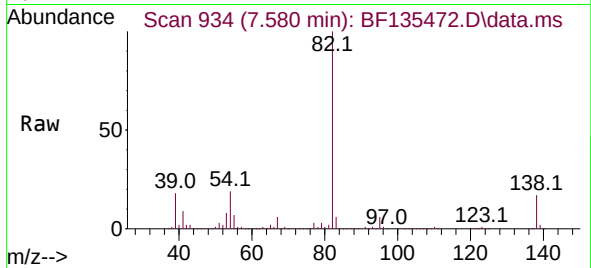




#25
Isophorone
Concen: 49.048 ng
RT: 7.580 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

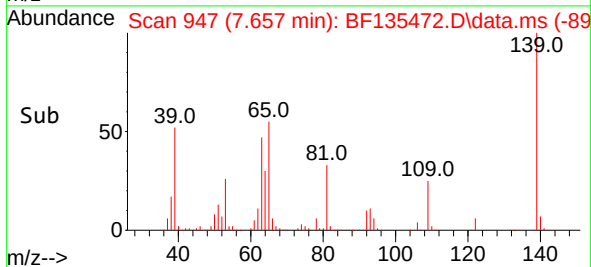
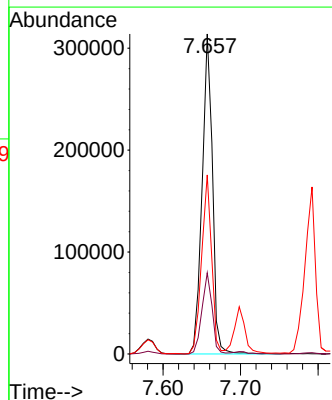
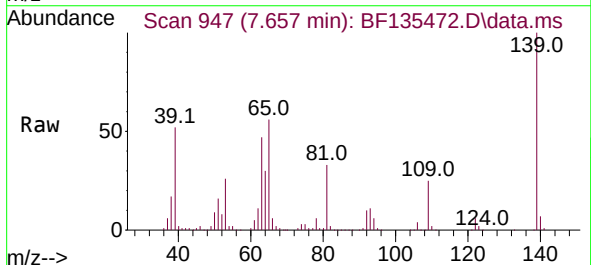
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

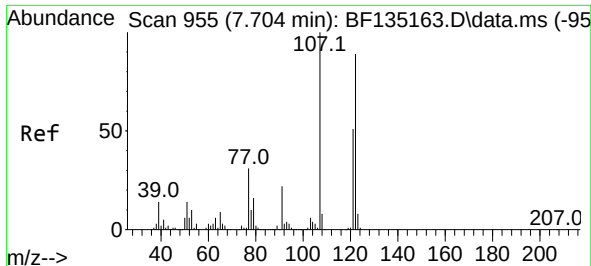
Tgt Ion: 82 Resp: 1052040
Ion Ratio Lower Upper
82 100
95 6.4 6.0 9.0
138 17.3 14.5 21.7



#26
2-Nitrophenol
Concen: 52.646 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:139 Resp: 291719
Ion Ratio Lower Upper
139 100
109 25.4 22.6 33.8
65 56.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.940 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135472.D

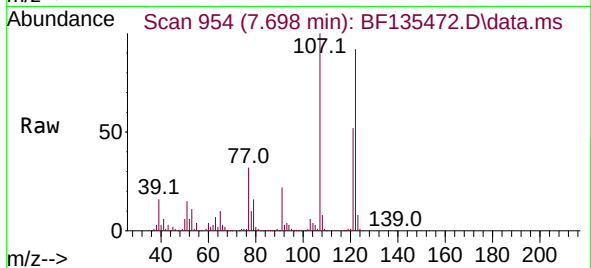
Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD



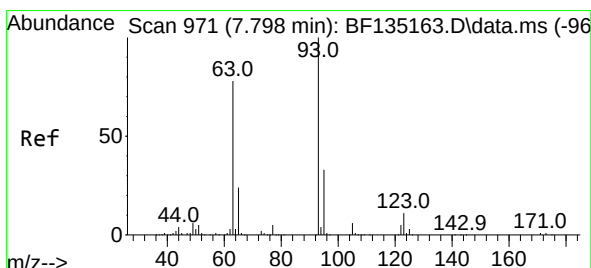
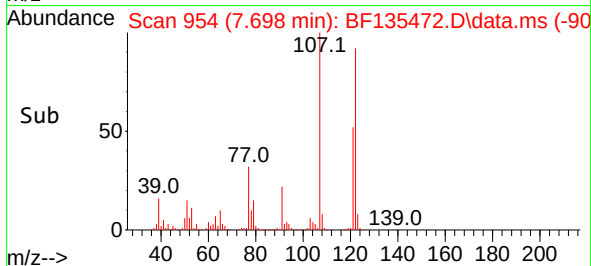
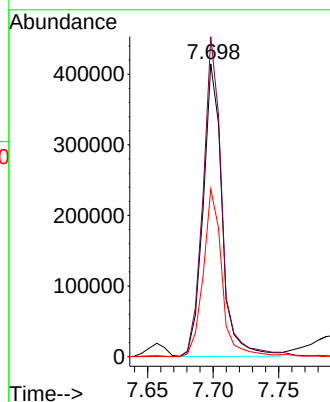
Tgt Ion:122 Resp: 418570

Ion Ratio Lower Upper

122 100

107 109.3 90.2 135.4

121 57.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 51.161 ng

RT: 7.792 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

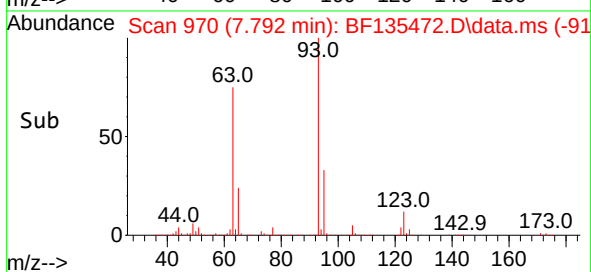
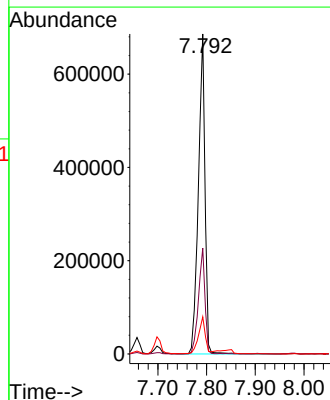
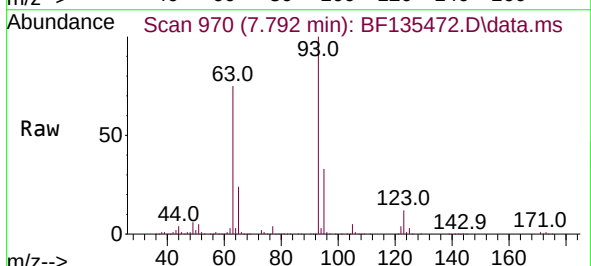
Tgt Ion: 93 Resp: 656803

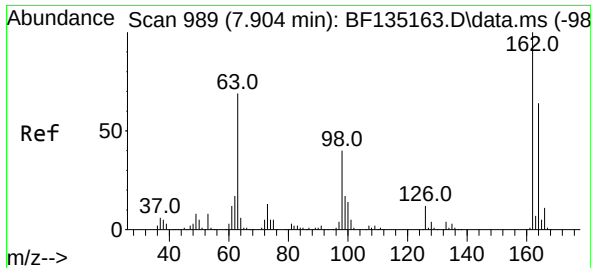
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

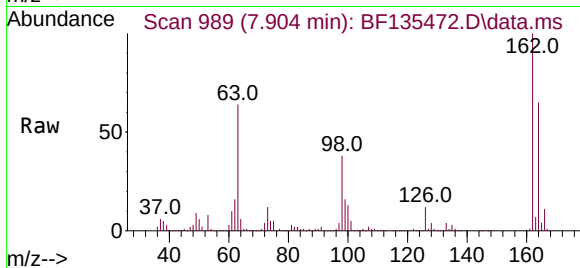
123 11.6 8.8 13.2



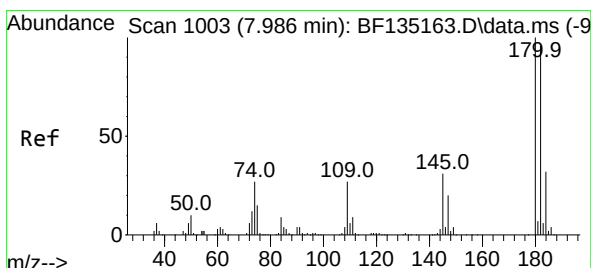
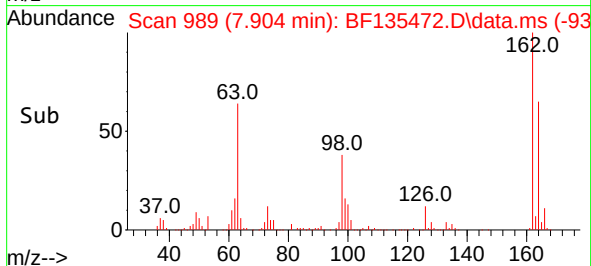
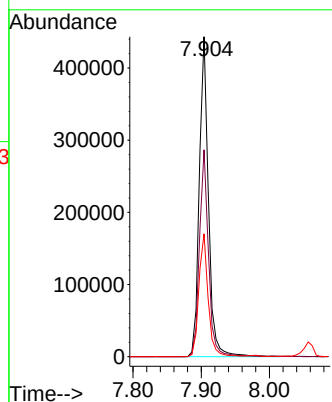


#29
2,4-Dichlorophenol
Concen: 48.144 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Instrument :
BNA_F
ClientSampleId :
72-11976MSD

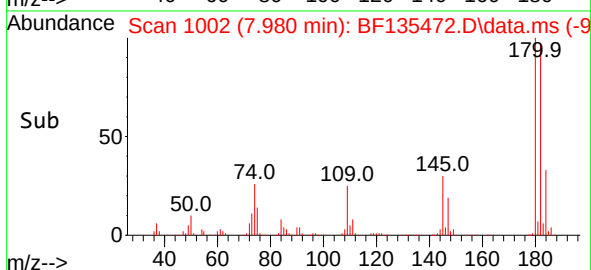
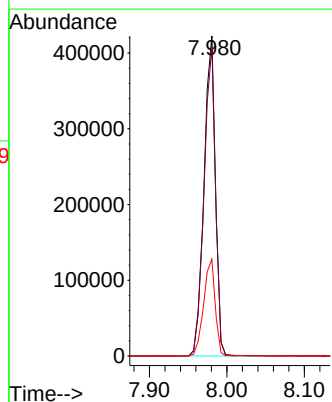
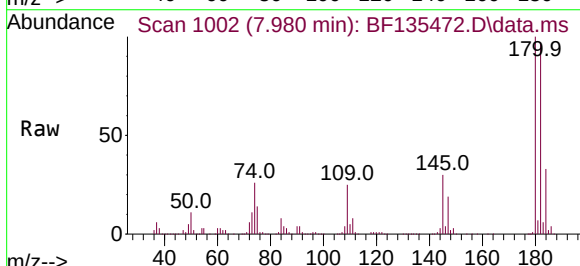


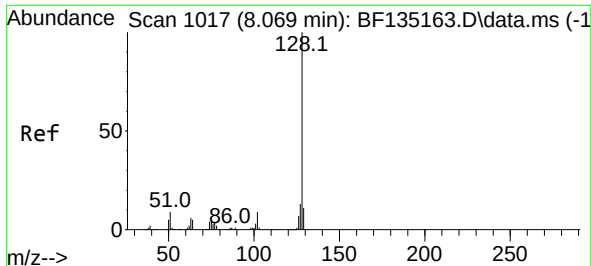
Tgt Ion:162 Resp: 415512
Ion Ratio Lower Upper
162 100
164 64.6 44.1 84.1
98 38.4 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 47.901 ng
RT: 7.980 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:180 Resp: 432107
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 30.2 24.5 36.7

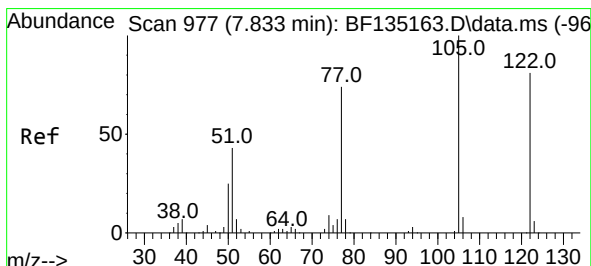
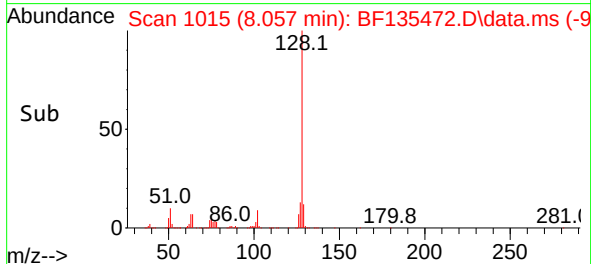
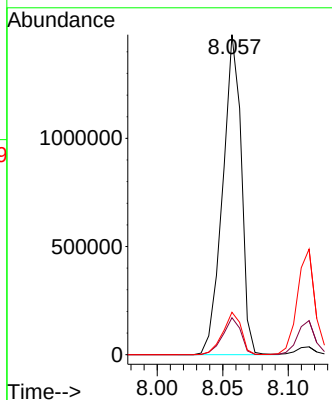
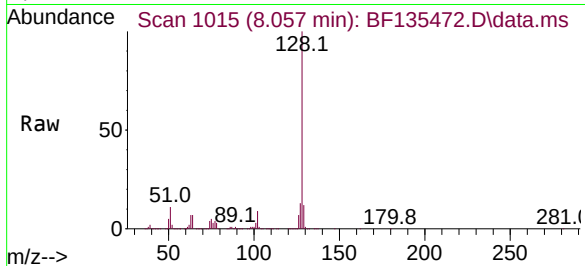




#31
Naphthalene
Concen: 47.252 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

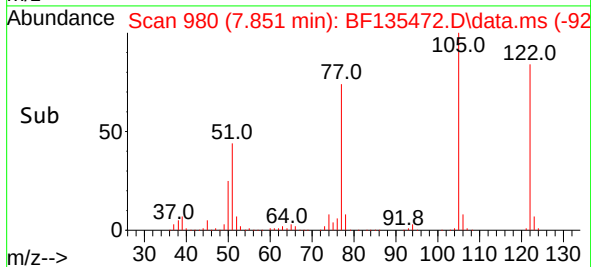
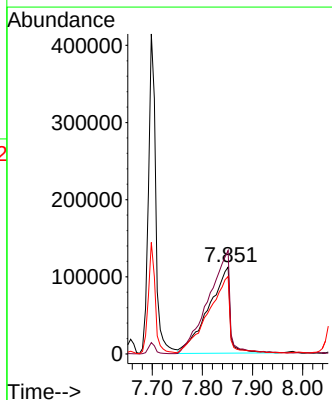
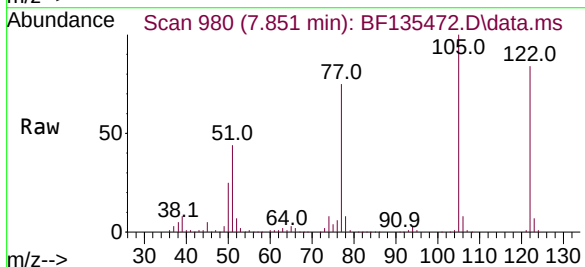
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

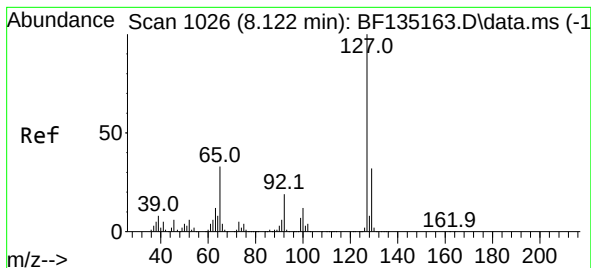
Tgt Ion:128 Resp: 1456983
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 47.706 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.023 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:122 Resp: 334592
Ion Ratio Lower Upper
122 100
105 119.2 99.9 139.9
77 89.2 70.0 110.0





#33

4-Chloroaniline

Concen: 35.721 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

Tgt Ion:127 Resp: 483240

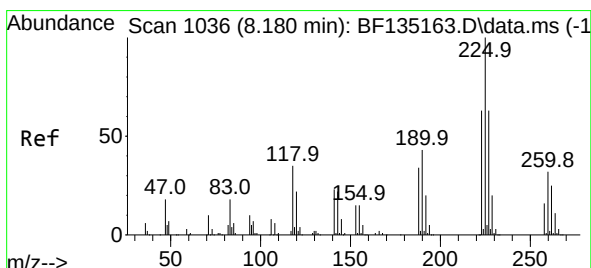
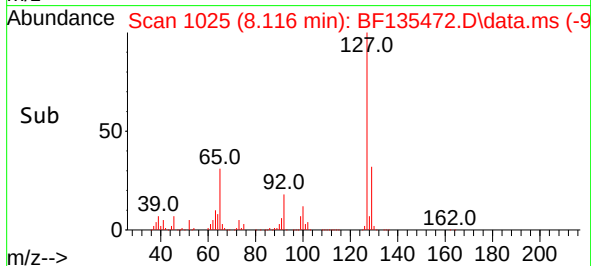
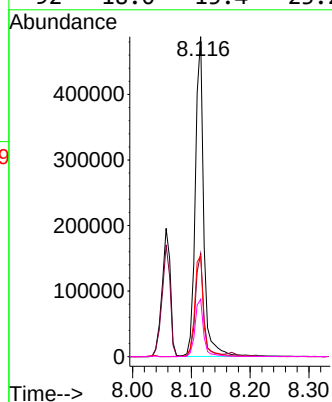
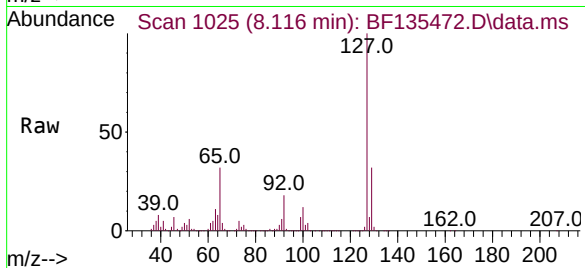
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.8

65 31.6 26.6 39.8

92 18.0 15.4 23.2



#34

Hexachlorobutadiene

Concen: 44.605 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

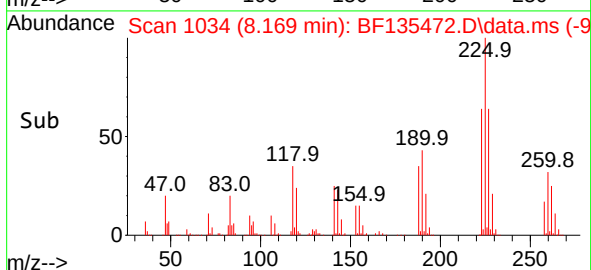
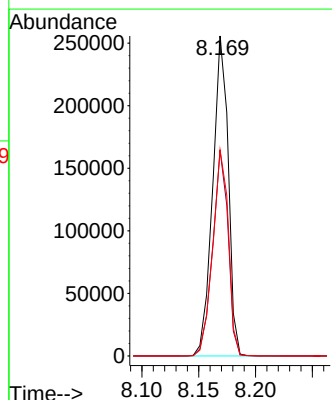
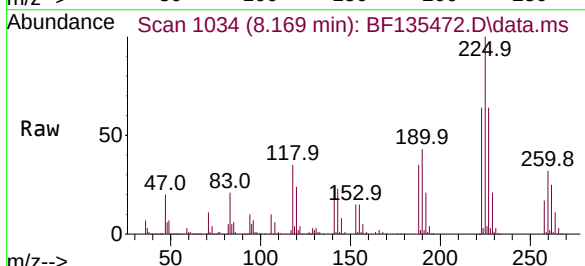
Tgt Ion:225 Resp: 242626

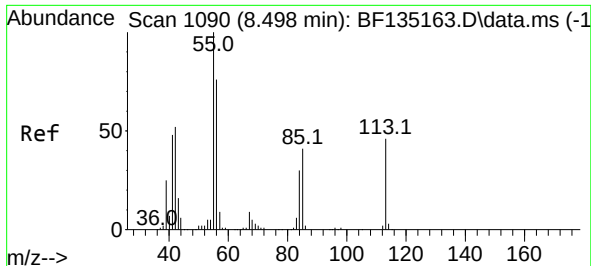
Ion Ratio Lower Upper

225 100

223 64.4 50.6 75.8

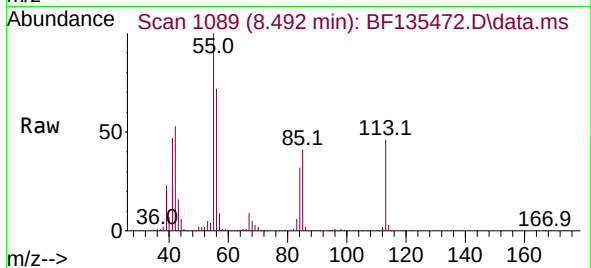
227 64.4 50.8 76.2



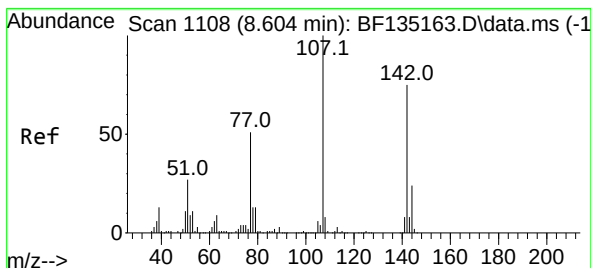
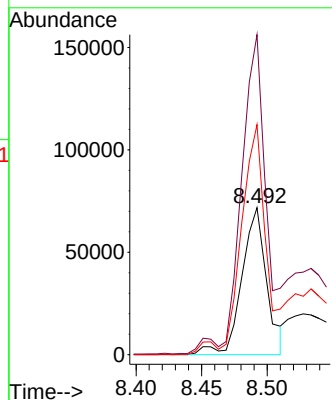
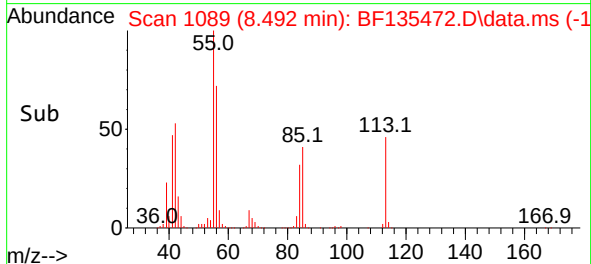


#35
Caprolactam
Concen: 32.643 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Instrument :
BNA_F
ClientSampleId :
72-11976MSD

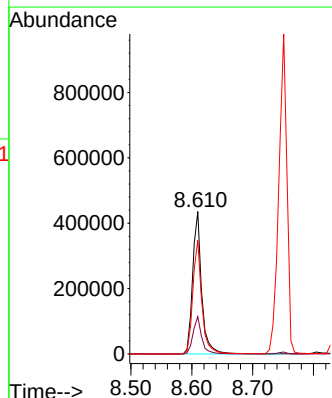
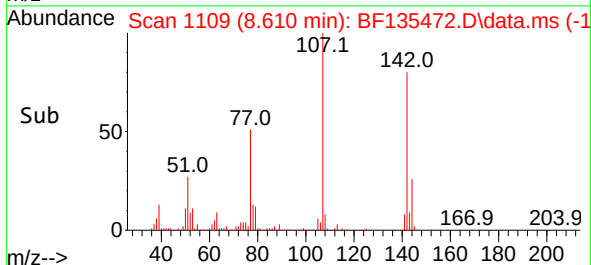
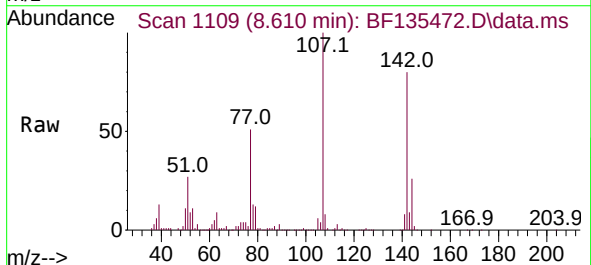


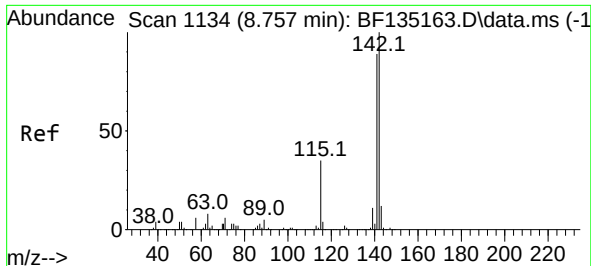
Tgt Ion:113 Resp: 94551
Ion Ratio Lower Upper
113 100
55 217.6 199.3 239.3
56 156.5 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 46.845 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:107 Resp: 449343
Ion Ratio Lower Upper
107 100
144 26.1 19.0 28.4
142 79.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.880 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

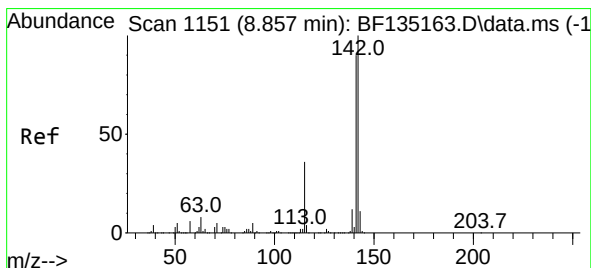
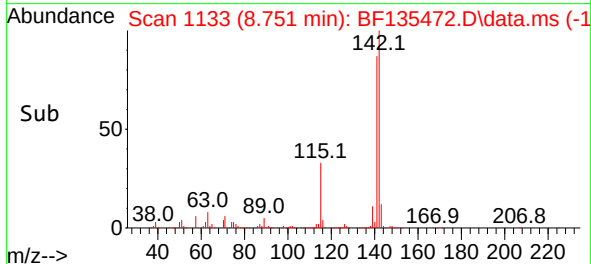
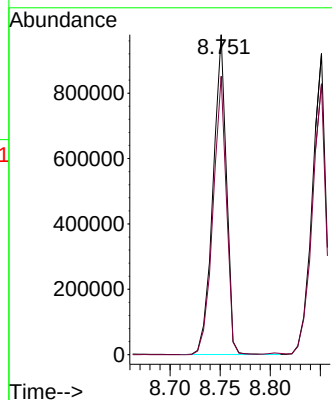
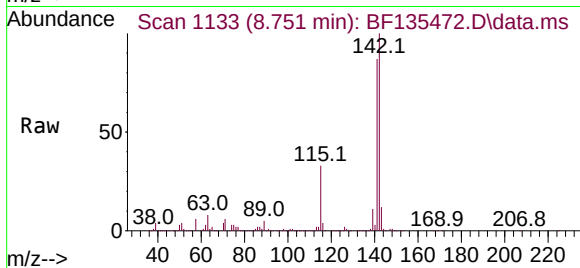
72-11976MSD

Tgt Ion:142 Resp: 909493

Ion Ratio Lower Upper

142 100

141 87.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 44.223 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135472.D

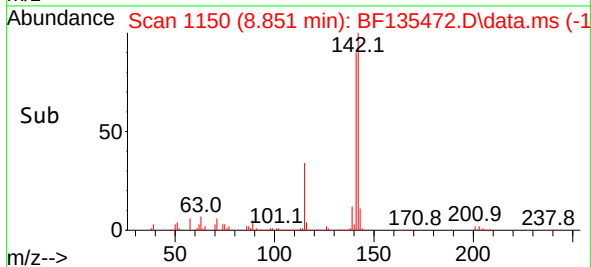
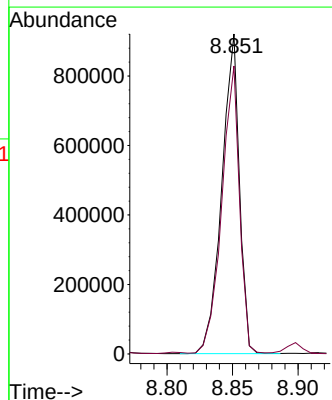
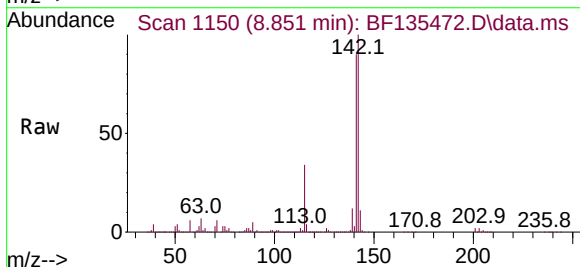
Acq: 27 Sep 2023 15:00

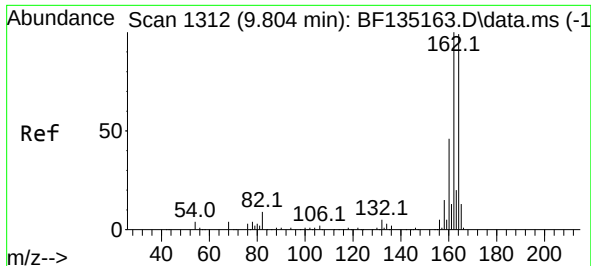
Tgt Ion:142 Resp: 858157

Ion Ratio Lower Upper

142 100

141 90.0 72.4 108.6

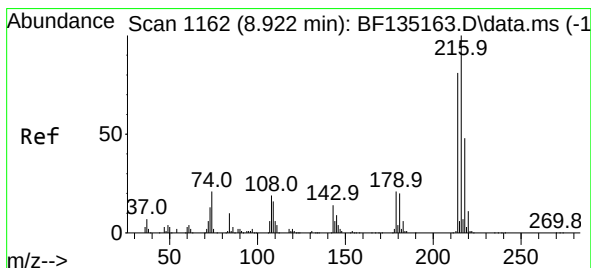
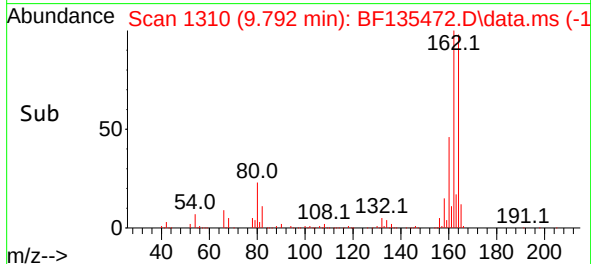
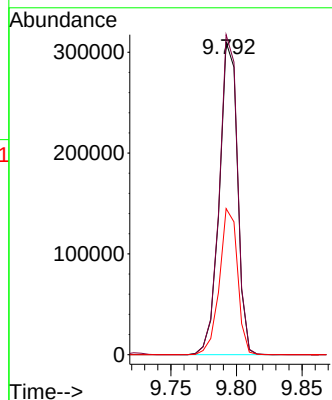
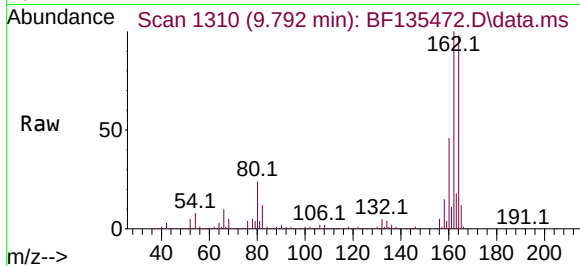




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

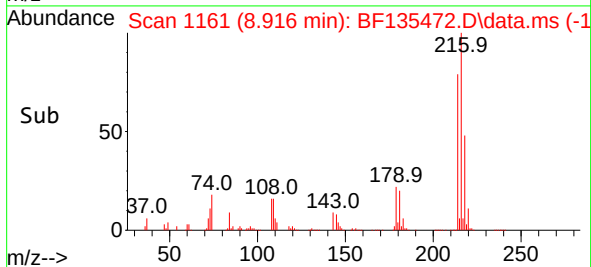
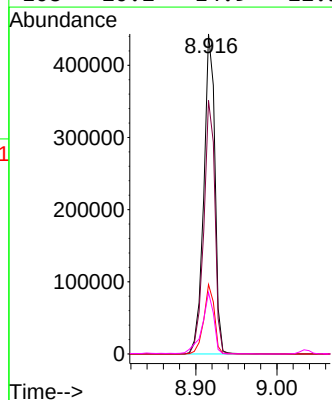
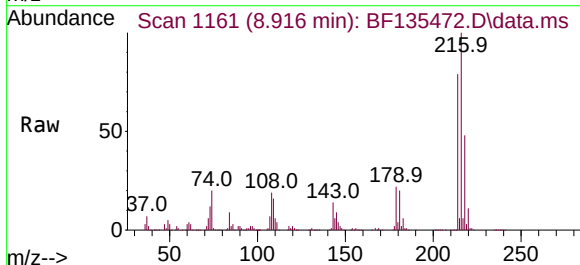
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

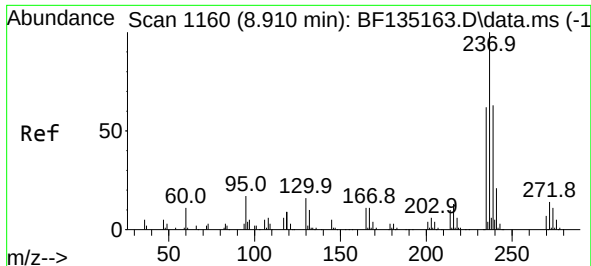
Tgt Ion:164 Resp: 298285
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 46.7 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.816 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:216 Resp: 421847
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 20.6 16.7 25.1
108 20.2 14.9 22.3

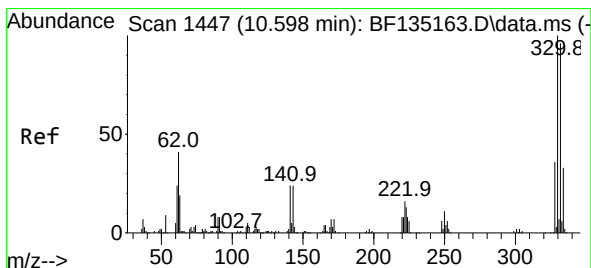
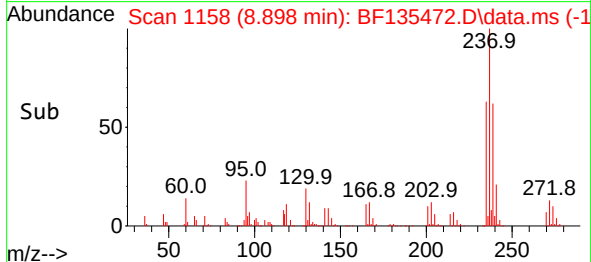
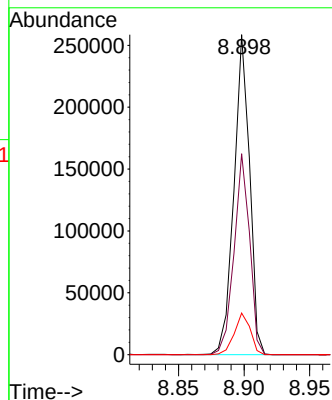
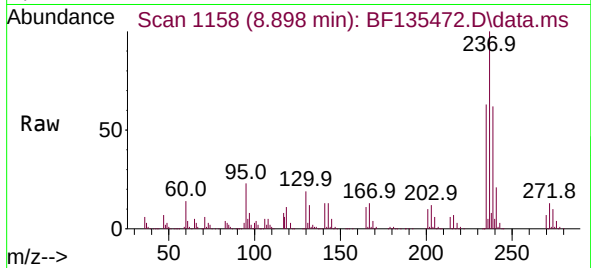




#41
Hexachlorocyclopentadiene
Concen: 58.605 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

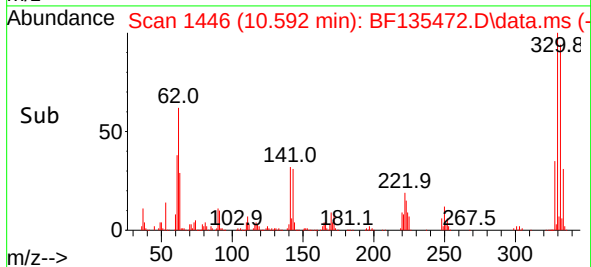
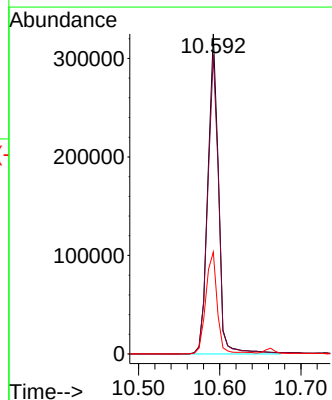
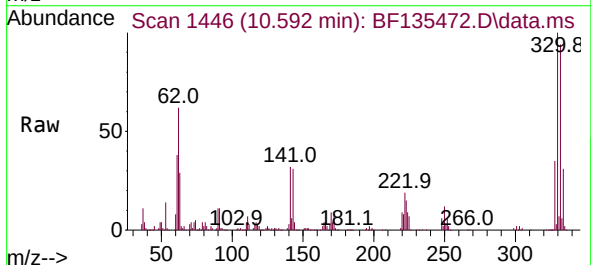
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

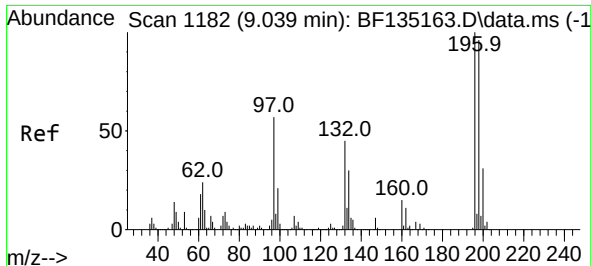
Tgt Ion:237 Resp: 214866
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 99.963 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:330 Resp: 296313
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 34.5 25.8 38.8

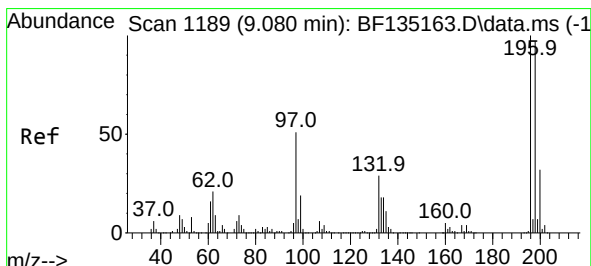
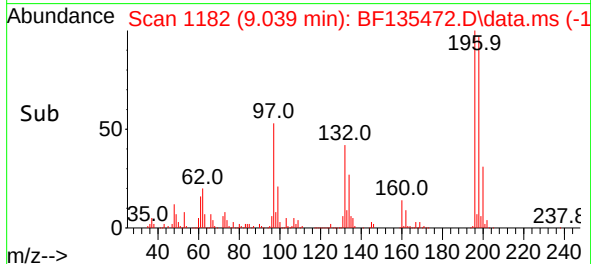
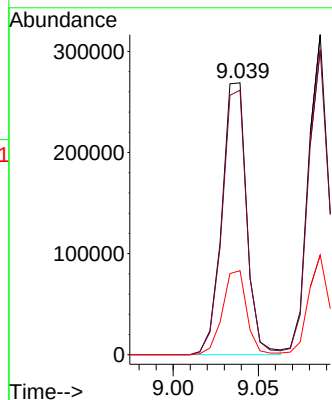
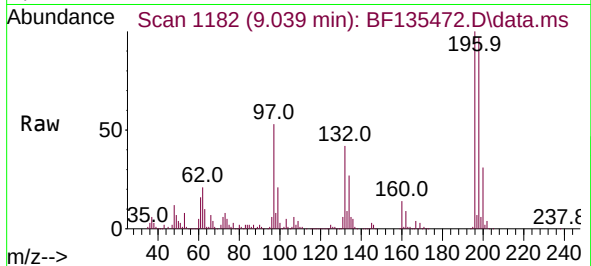




#43
2,4,6-Trichlorophenol
Concen: 48.190 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

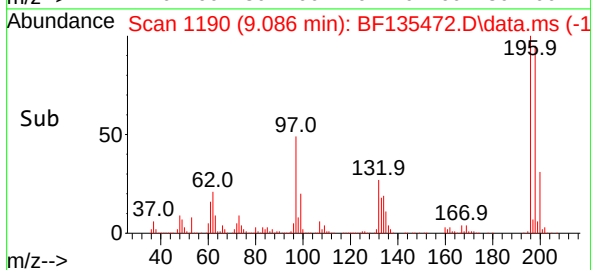
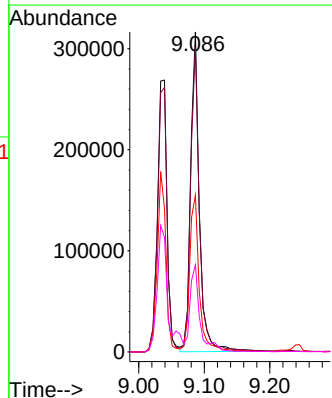
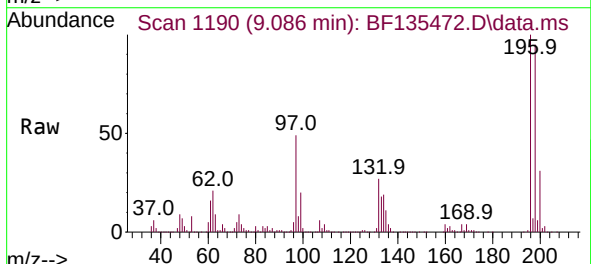
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

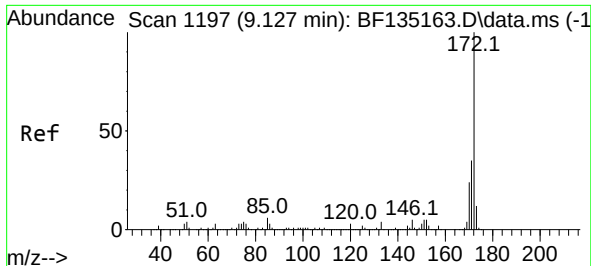
Tgt Ion:196 Resp: 272660
Ion Ratio Lower Upper
196 100
198 97.3 77.0 115.6
200 30.9 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 45.118 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:196 Resp: 293980
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 49.0 40.5 60.7
132 27.2 23.3 34.9

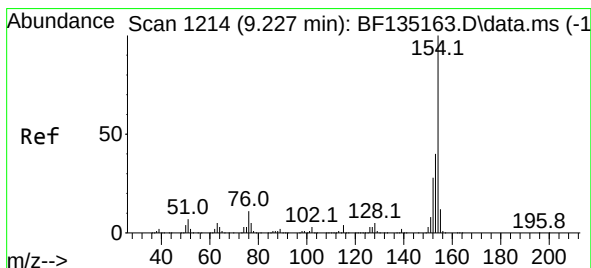
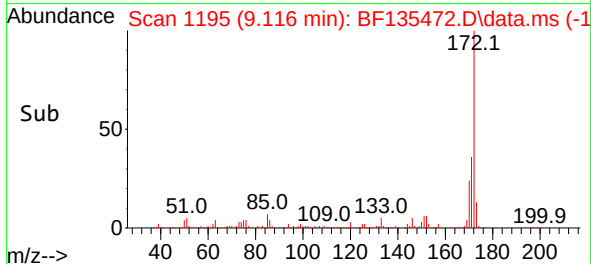
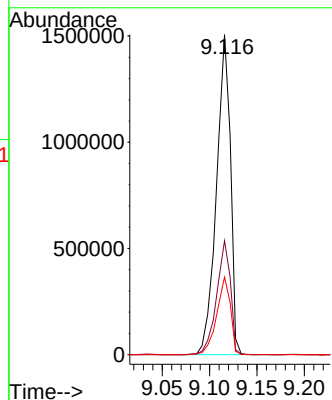
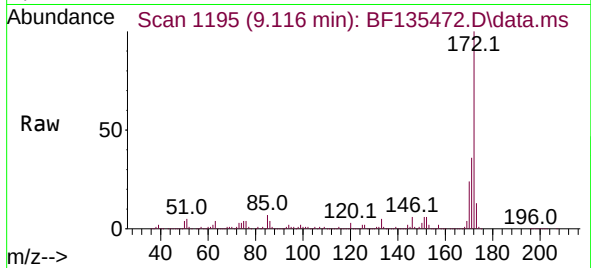




#45
2-Fluorobiphenyl
Concen: 77.928 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

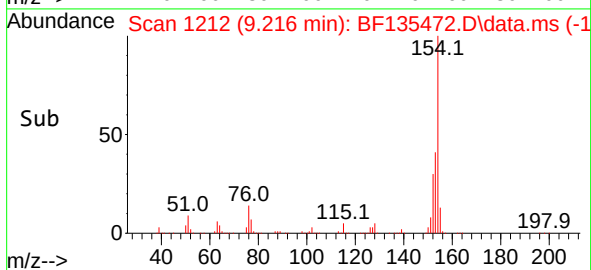
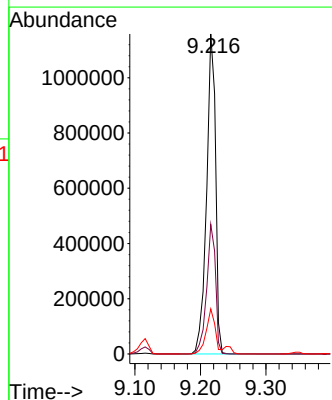
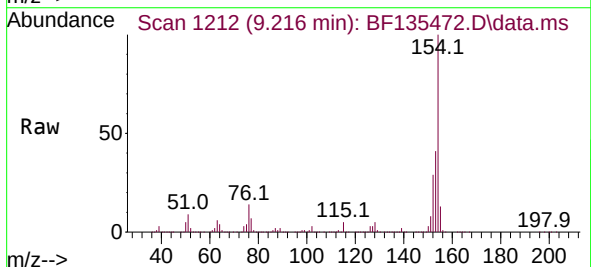
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

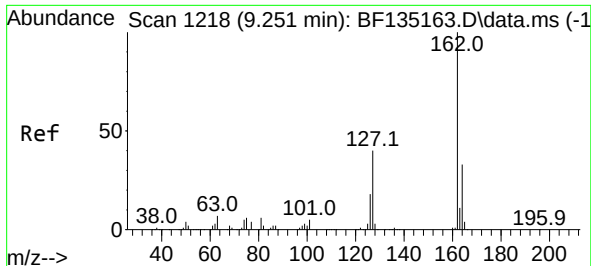
Tgt Ion:172 Resp: 1540700
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 48.564 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:154 Resp: 1113211
Ion Ratio Lower Upper
154 100
153 40.5 19.6 59.6
76 14.1 0.0 31.0

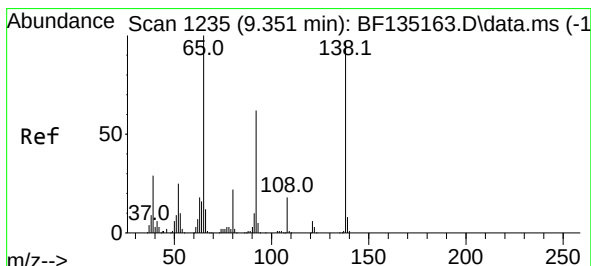
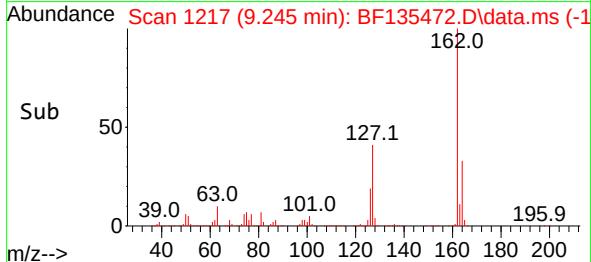
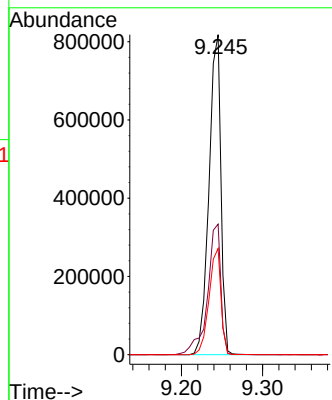
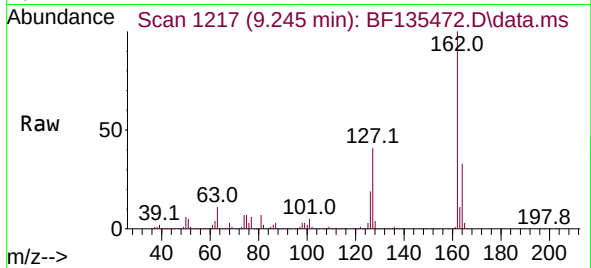




#47
2-Chloronaphthalene
Concen: 49.971 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

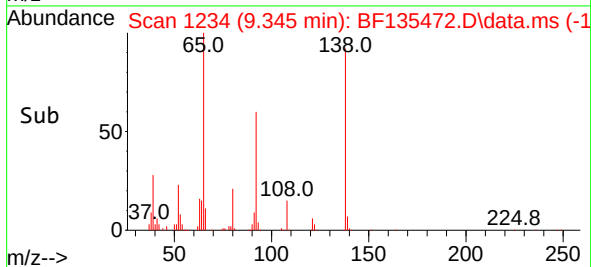
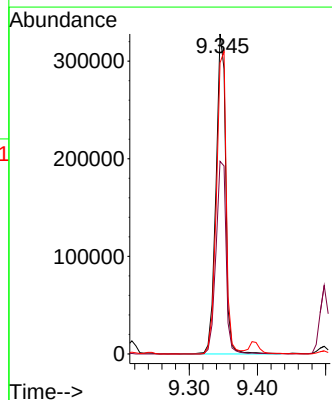
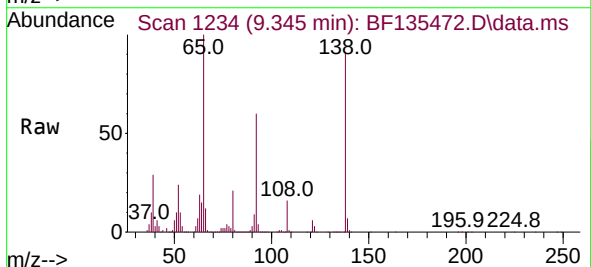
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

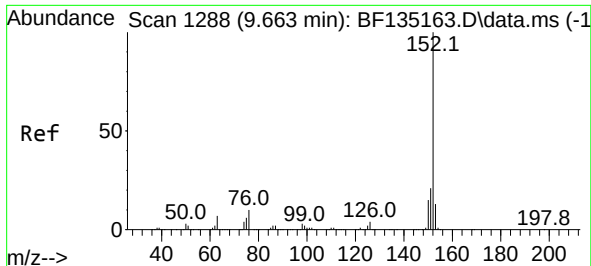
Tgt Ion:162 Resp: 831106
Ion Ratio Lower Upper
162 100
127 40.8 32.6 48.8
164 33.2 26.2 39.2



#48
2-Nitroaniline
Concen: 50.519 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion: 65 Resp: 326422
Ion Ratio Lower Upper
65 100
92 60.2 49.4 74.0
138 91.0 77.4 116.0

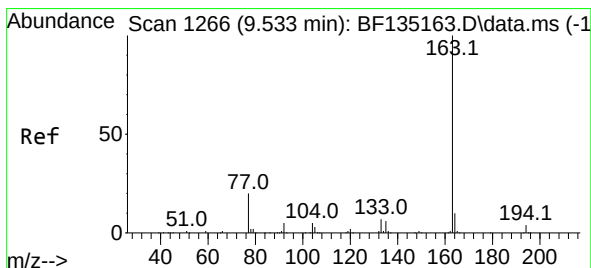
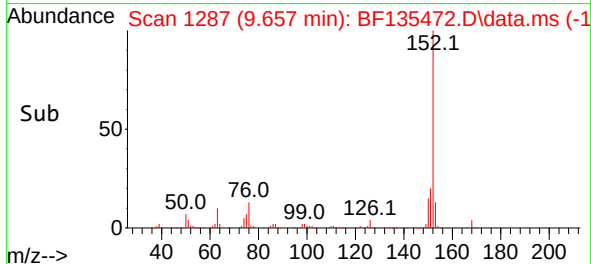
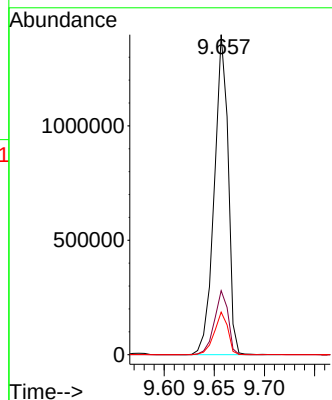
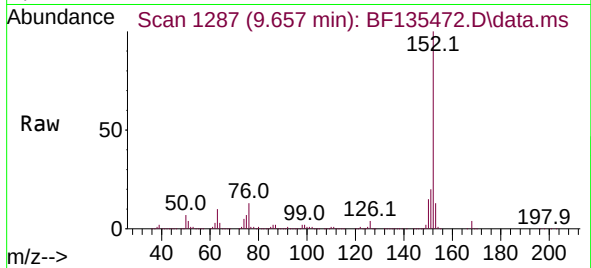




#49
Acenaphthylene
Concen: 48.653 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

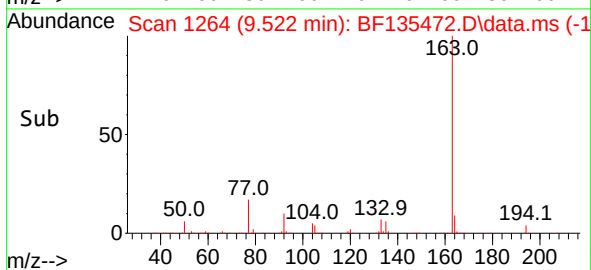
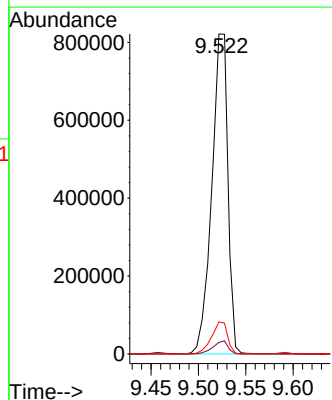
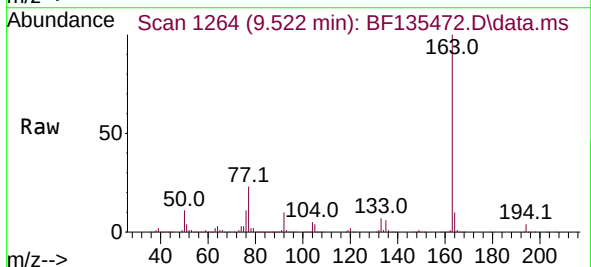
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

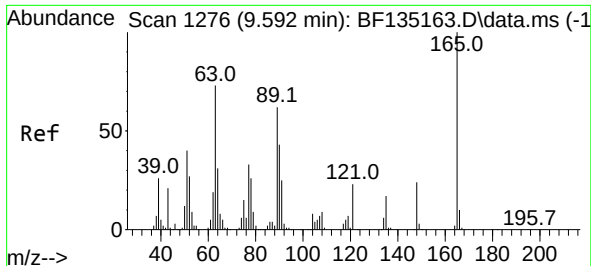
Tgt Ion:152 Resp: 1344808
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 48.346 ng
RT: 9.522 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:163 Resp: 974989
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.0 8.1 12.1

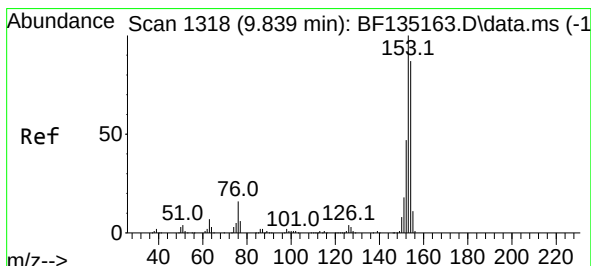
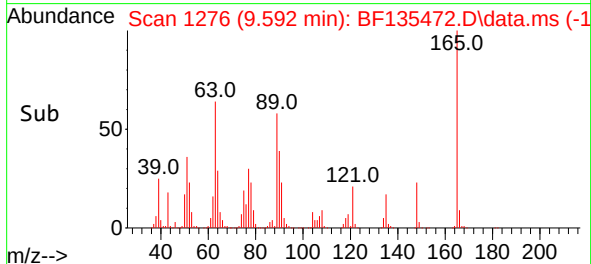
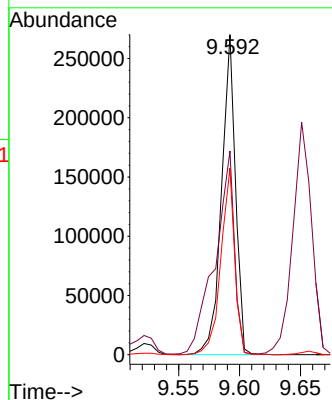
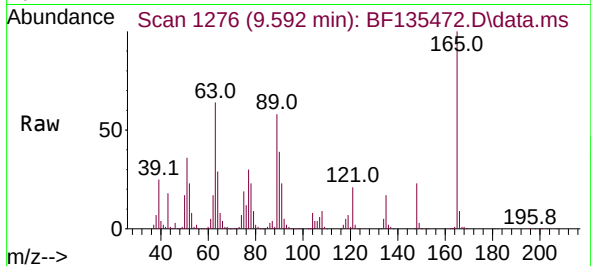




#51
2,6-Dinitrotoluene
Concen: 48.954 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

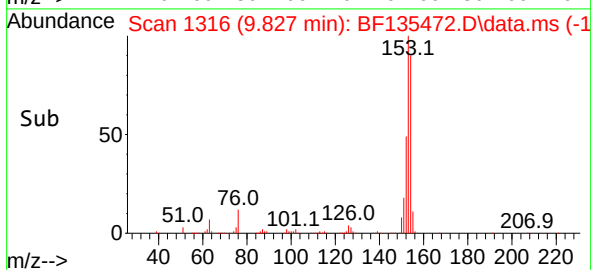
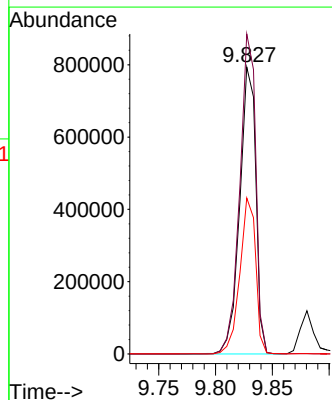
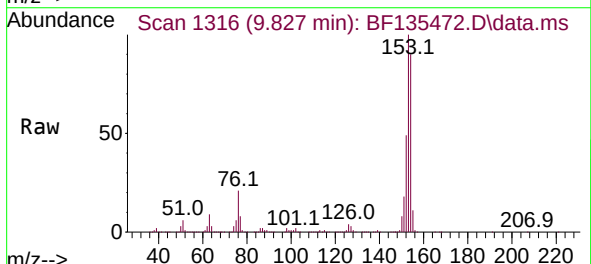
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

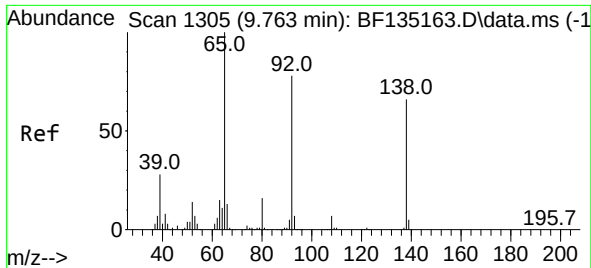
Tgt Ion:165 Resp: 216275
Ion Ratio Lower Upper
165 100
63 63.6 59.4 89.2
89 58.3 49.8 74.8



#52
Acenaphthene
Concen: 47.947 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:154 Resp: 782906
Ion Ratio Lower Upper
154 100
153 111.6 92.1 138.1
152 54.4 43.1 64.7

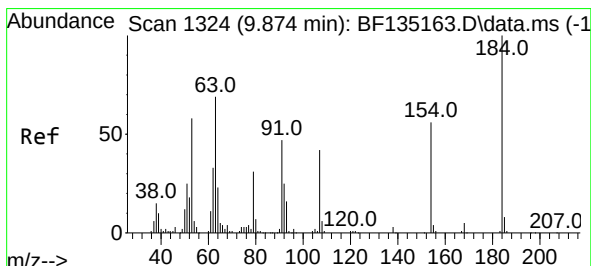
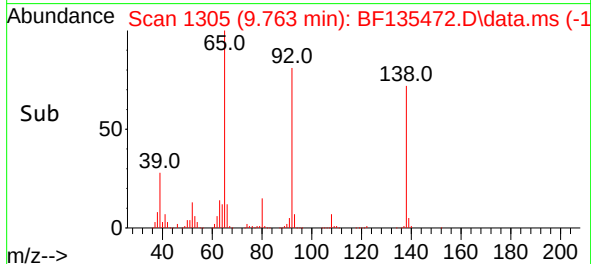
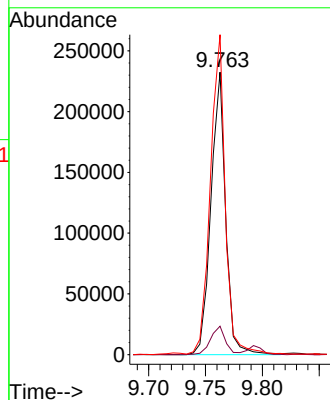
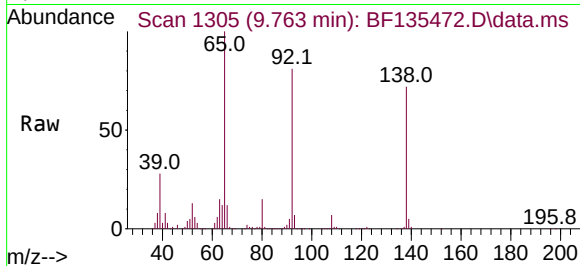




#53
3-Nitroaniline
Concen: 40.263 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

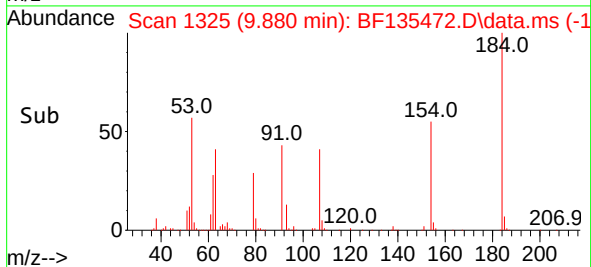
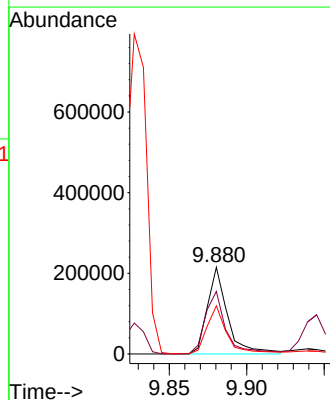
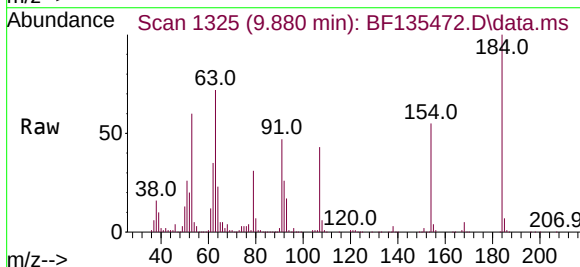
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

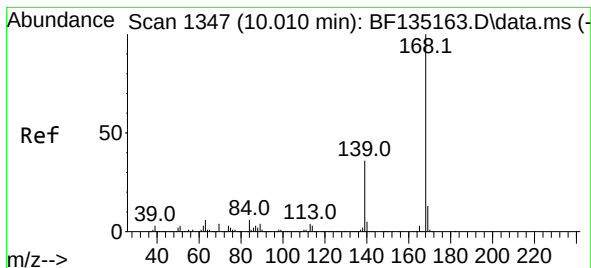
Tgt Ion:138 Resp: 208802
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 113.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 78.092 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:184 Resp: 195454
Ion Ratio Lower Upper
184 100
63 72.1 55.1 82.7
154 55.5 48.4 72.6

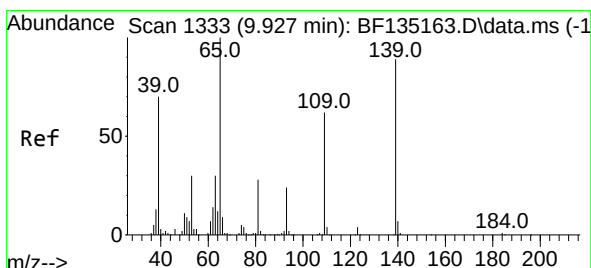
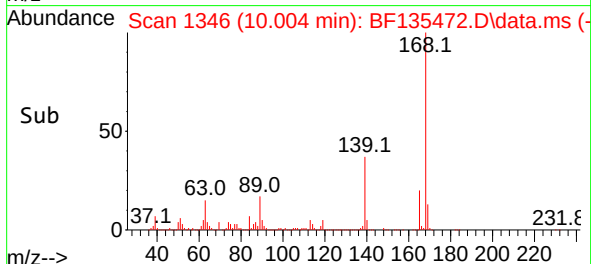
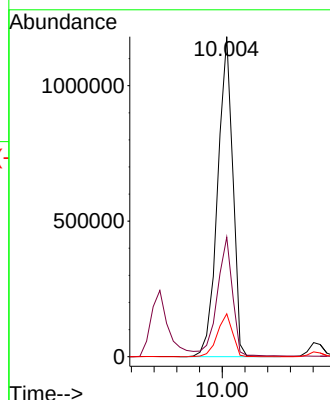
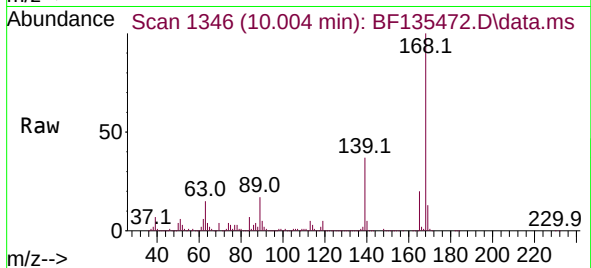




#55
Dibenzenofuran
Concen: 43.812 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

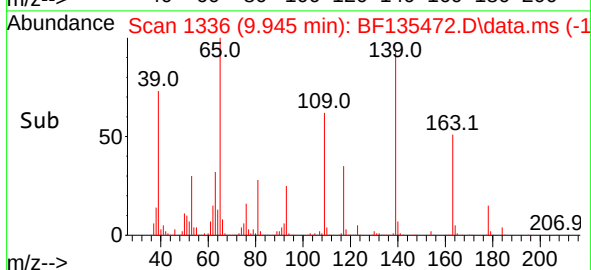
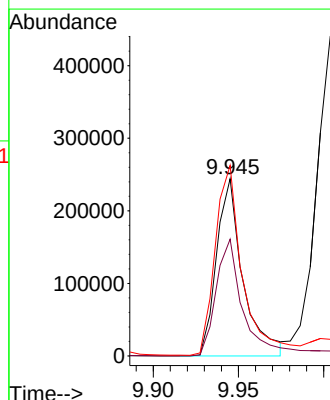
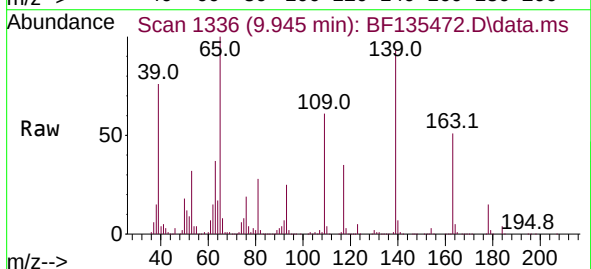
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

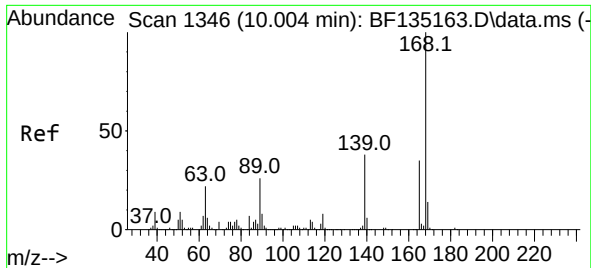
Tgt Ion:168 Resp: 1091679
Ion Ratio Lower Upper
168 100
139 37.3 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 79.775 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:139 Resp: 262932
Ion Ratio Lower Upper
139 100
109 65.9 49.8 89.8
65 107.5 92.7 132.7

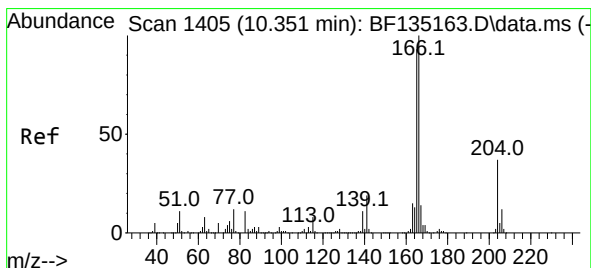
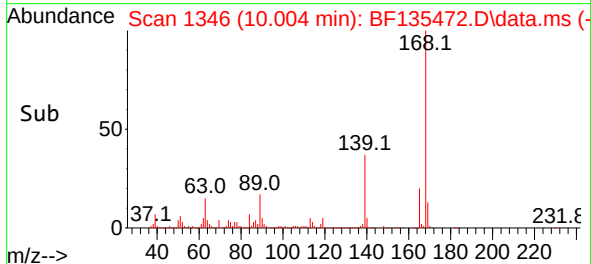
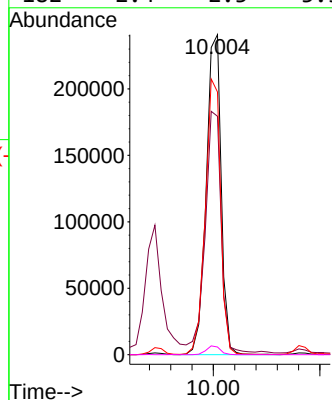
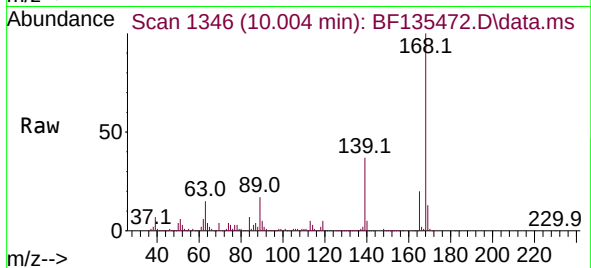




#57
2,4-Dinitrotoluene
Concen: 42.656 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

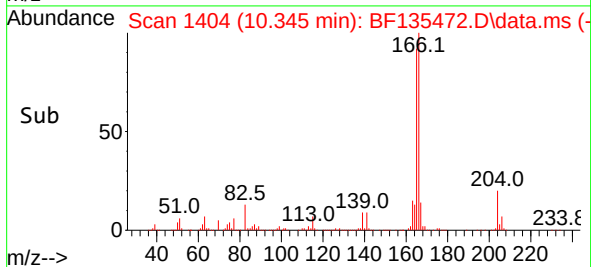
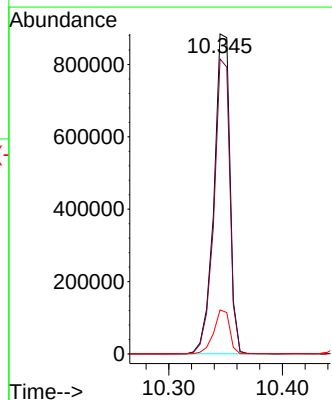
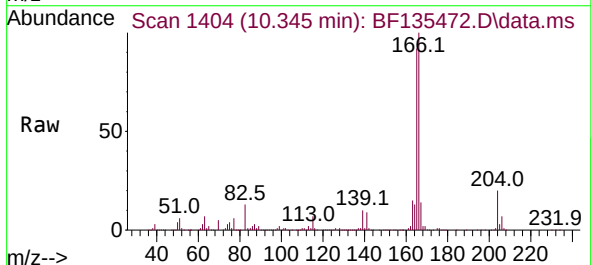
Instrument :
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ClientSampleId :
72-11976MSD

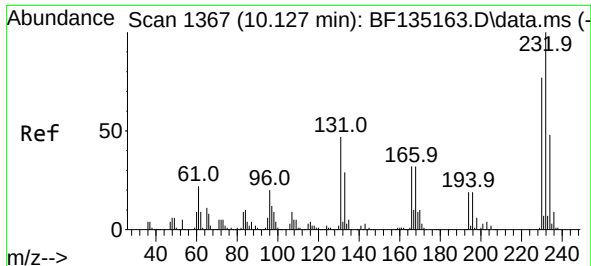
Tgt Ion:165 Resp: 235926
Ion Ratio Lower Upper
165 100
63 74.5 50.1 75.1
89 82.1 59.3 88.9
182 2.4 2.3 3.5



#58
Fluorene
Concen: 45.155 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:166 Resp: 864972
Ion Ratio Lower Upper
166 100
165 92.2 74.3 111.5
167 13.7 10.9 16.3

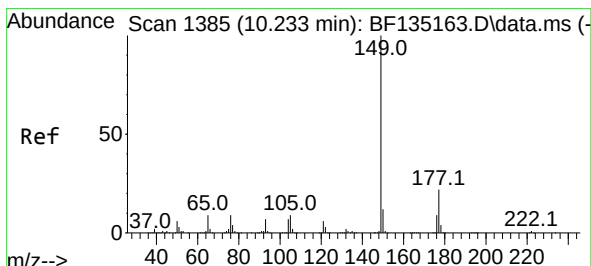
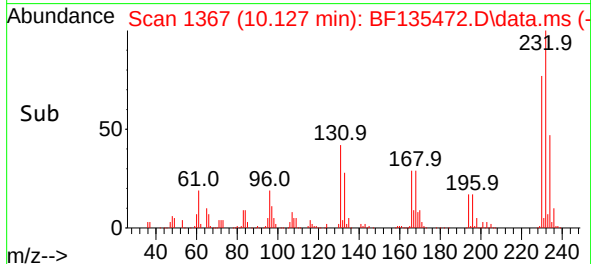
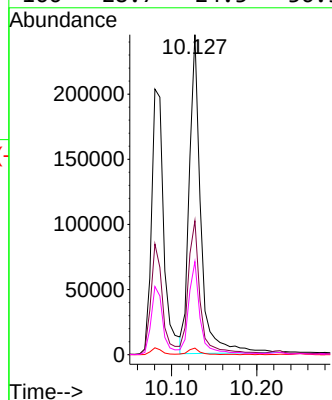
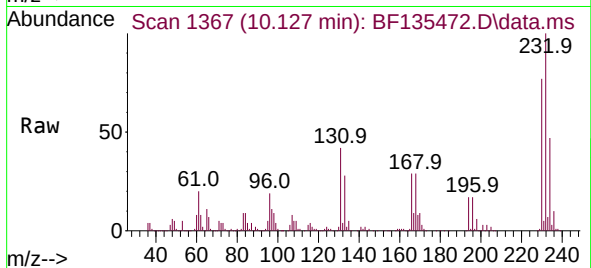




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.666 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

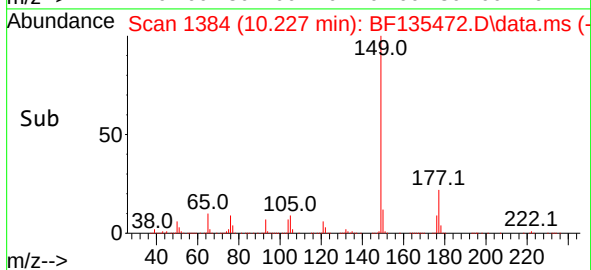
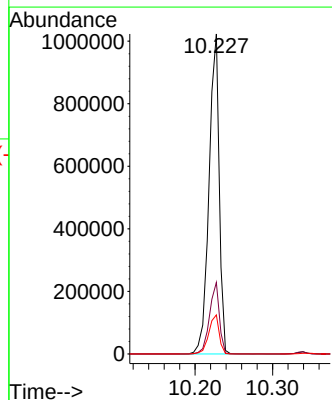
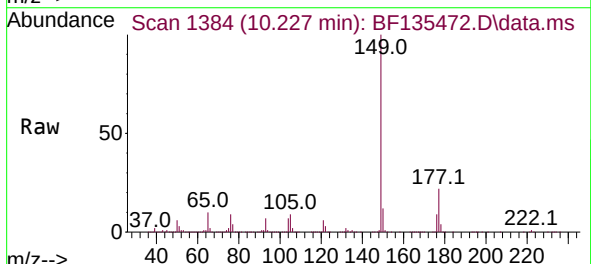
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

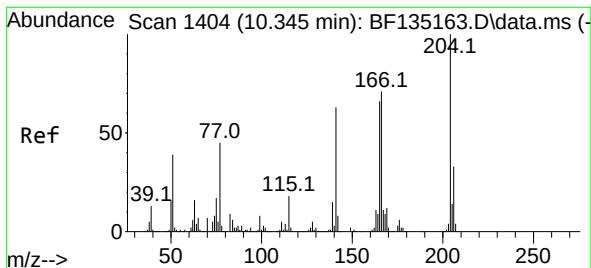
Tgt Ion:232 Resp: 228887
Ion Ratio Lower Upper
232 100
131 44.1 35.4 53.2
130 2.3 1.8 2.8
166 28.7 24.3 36.5



#60
Diethylphthalate
Concen: 46.109 ng
RT: 10.227 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:149 Resp: 933229
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.2 10.0 15.0

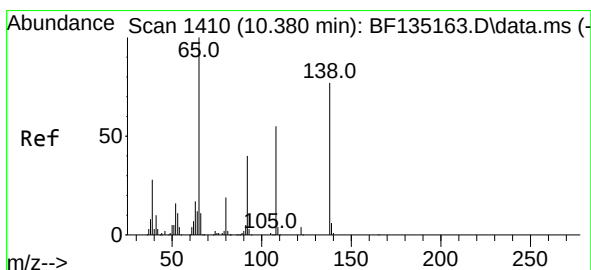
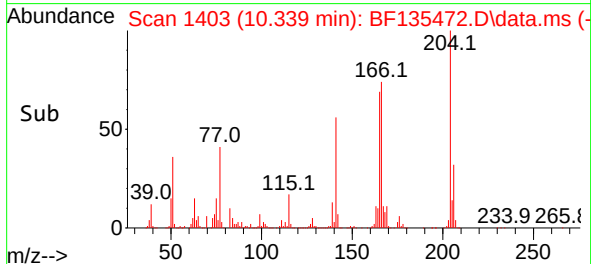
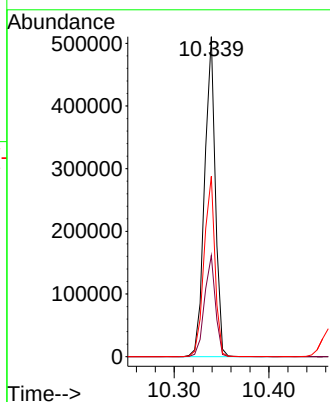
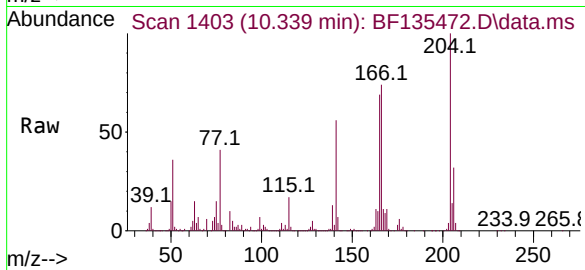




#61
4-Chlorophenyl-phenylether
Concen: 43.545 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

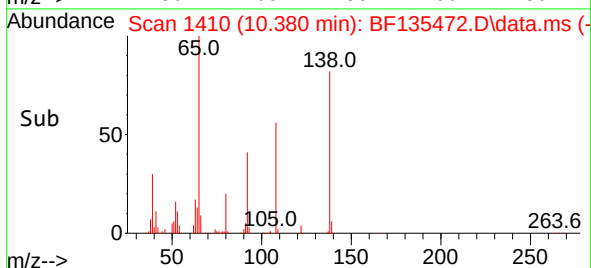
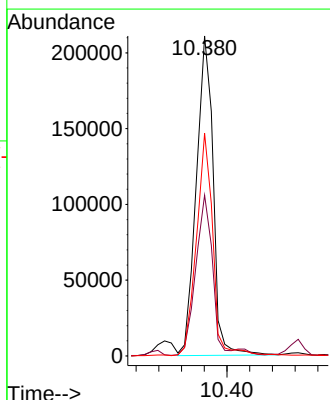
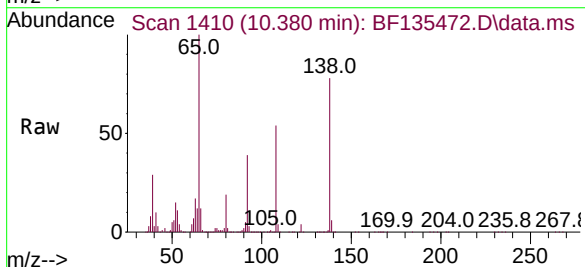
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

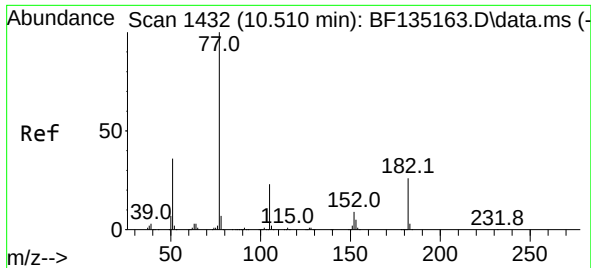
Tgt Ion:204 Resp: 400685
Ion Ratio Lower Upper
204 100
206 31.6 26.7 40.1
141 56.3 50.6 75.8



#62
4-Nitroaniline
Concen: 43.498 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:138 Resp: 216834
Ion Ratio Lower Upper
138 100
92 50.2 31.8 71.8
108 69.6 52.0 92.0

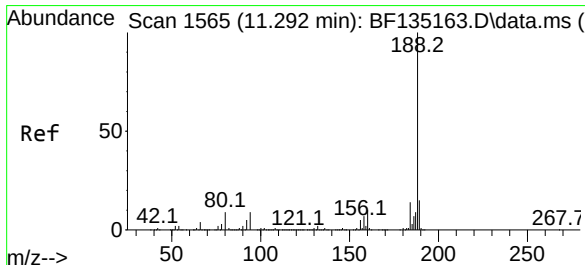
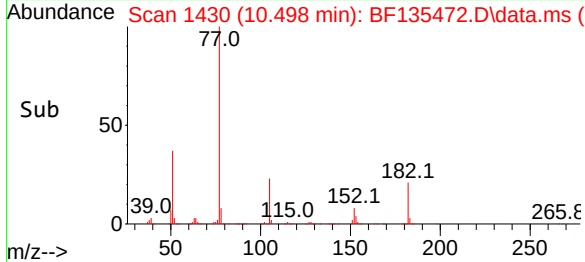
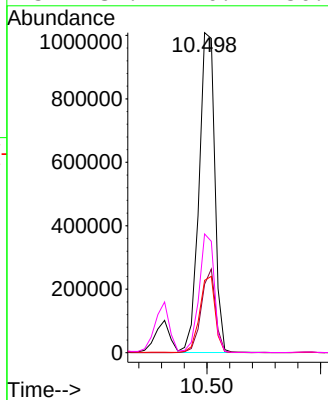
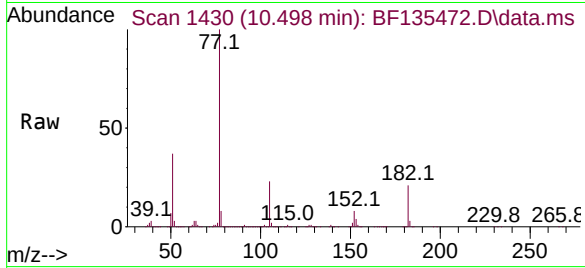




#63
Azobenzene
Concen: 48.988 ng
RT: 10.498 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

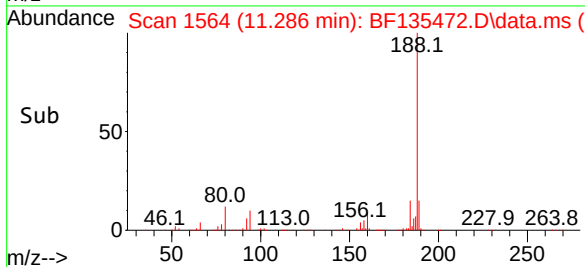
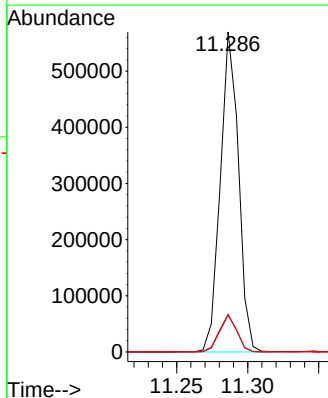
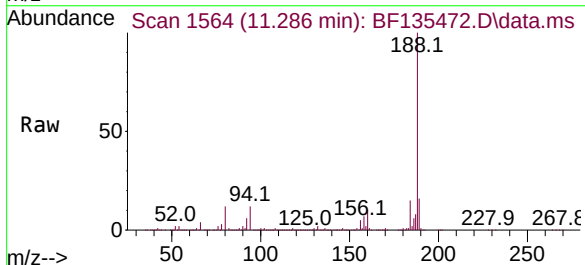
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

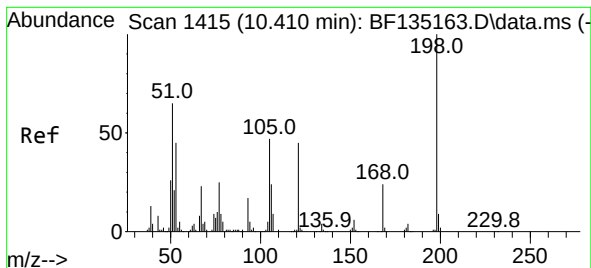
Tgt Ion: 77	Resp: 970364
Ion Ratio	Lower Upper
77 100	
182 21.4	6.4 46.4
105 22.6	3.1 43.1
51 37.1	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:188	Resp: 506738
Ion Ratio	Lower Upper
188 100	
94 11.5	7.0 10.6#
80 11.7	7.5 11.3#

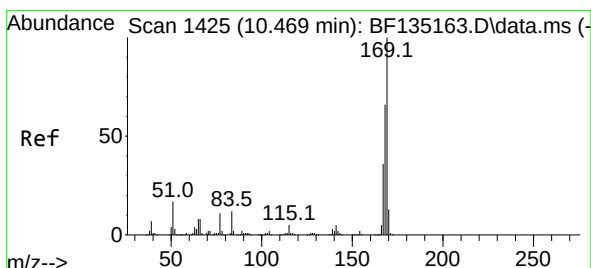
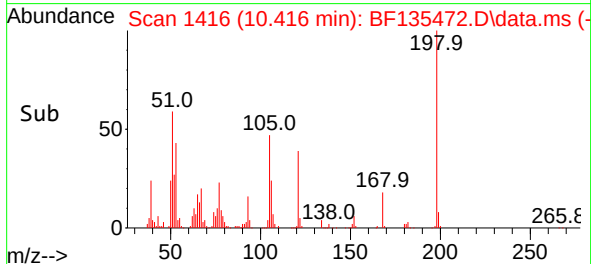
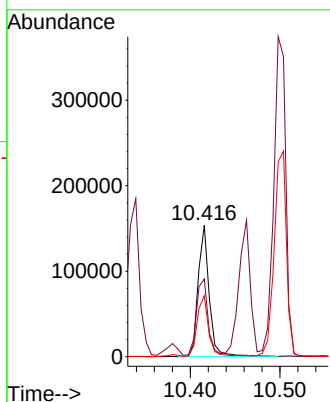
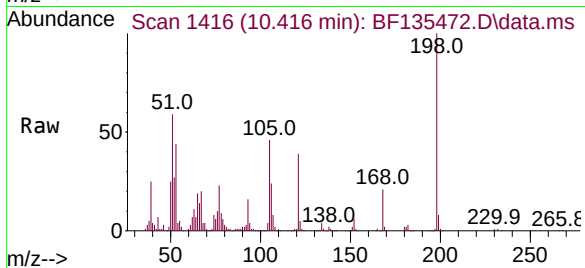




#65
4,6-Dinitro-2-methylphenol
Concen: 48.998 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

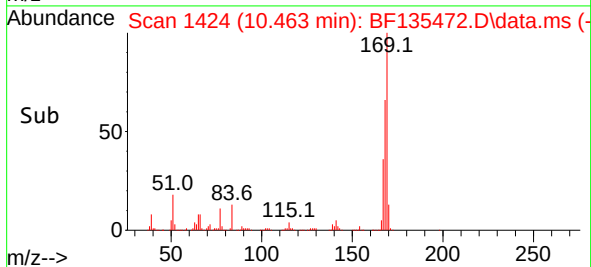
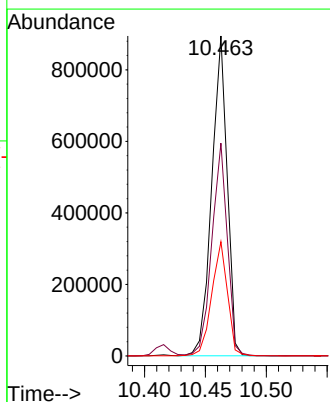
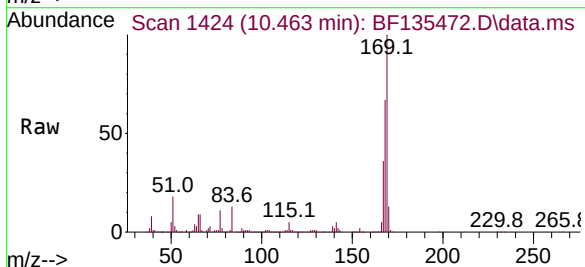
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

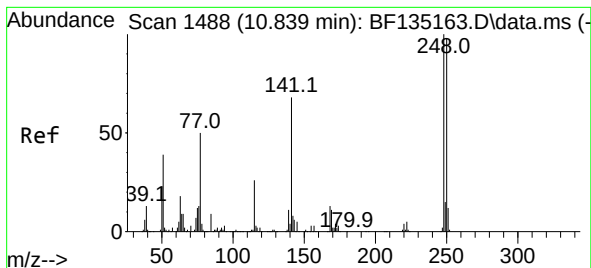
Tgt Ion:198 Resp: 131875
Ion Ratio Lower Upper
198 100
51 59.2 47.7 87.7
105 46.5 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 51.499 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:169 Resp: 790057
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 35.7 29.0 43.6

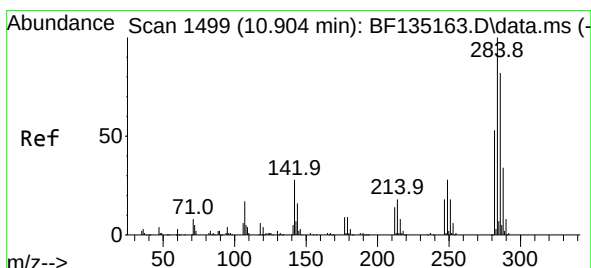
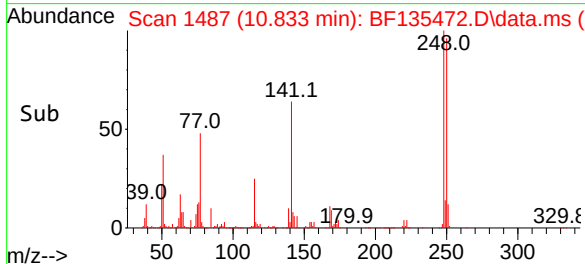
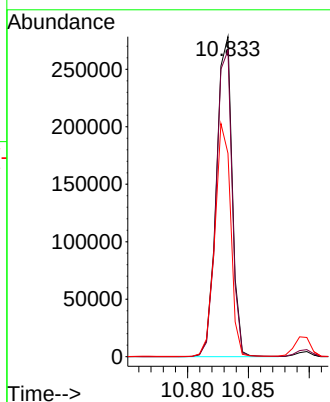
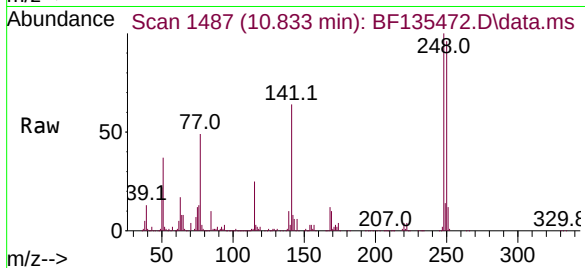




#67
4-Bromophenyl-phenylether
Concen: 50.032 ng
RT: 10.833 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

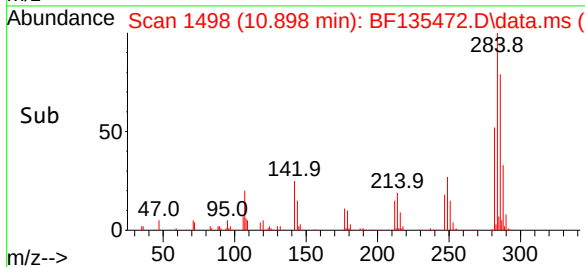
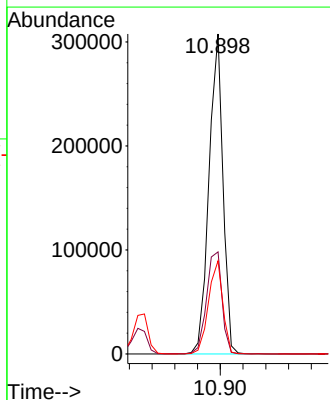
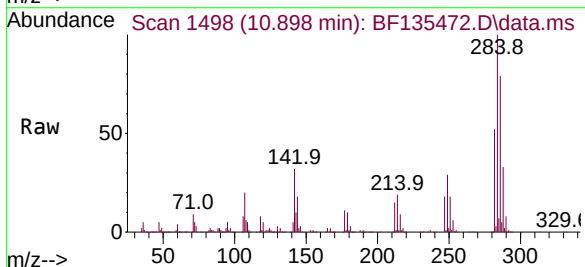
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

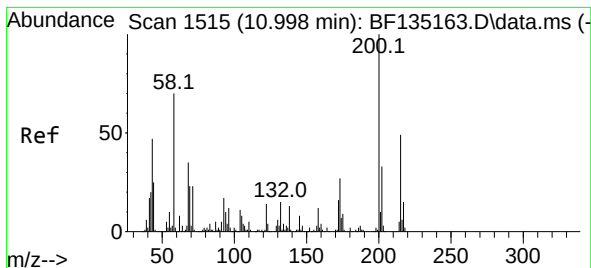
Tgt Ion:248 Resp: 252154
Ion Ratio Lower Upper
248 100
250 95.7 78.6 117.8
141 63.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 51.142 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:284 Resp: 262588
Ion Ratio Lower Upper
284 100
142 31.9 22.2 33.4
249 29.1 22.5 33.7





#69

Atrazine

Concen: 55.606 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

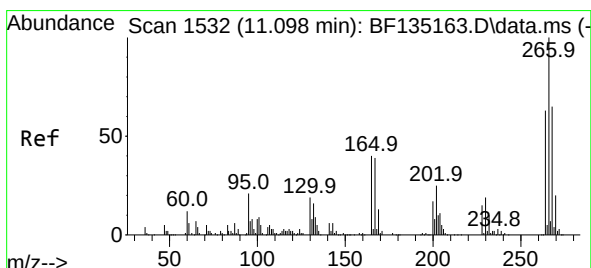
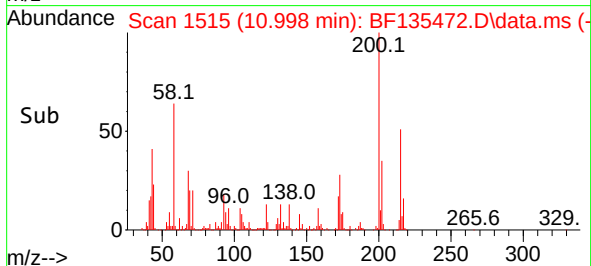
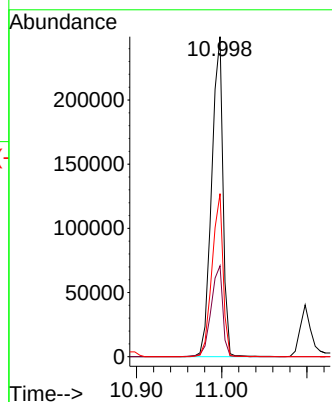
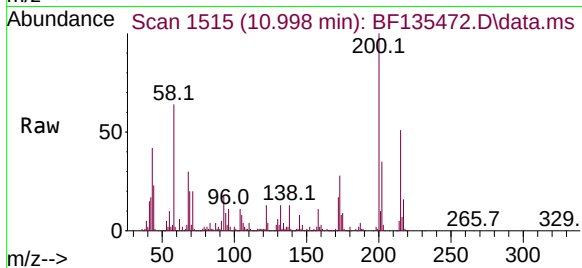
Tgt Ion:200 Resp: 229538

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 51.0 28.6 68.6



#70

Pentachlorophenol

Concen: 75.538 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

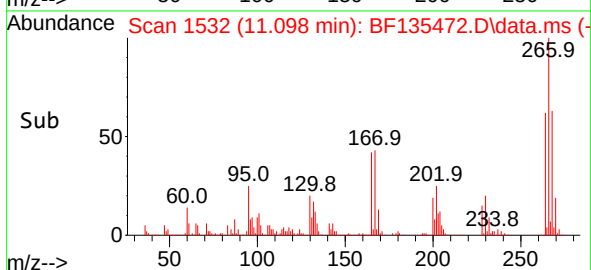
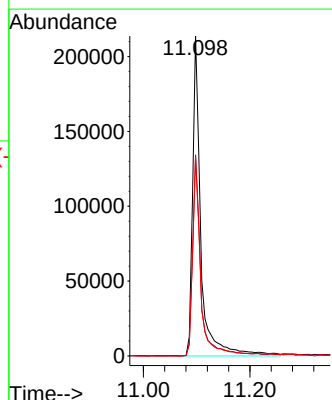
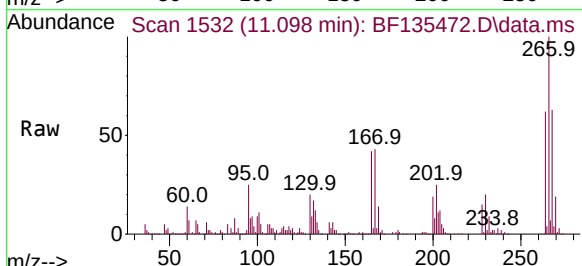
Tgt Ion:266 Resp: 232050

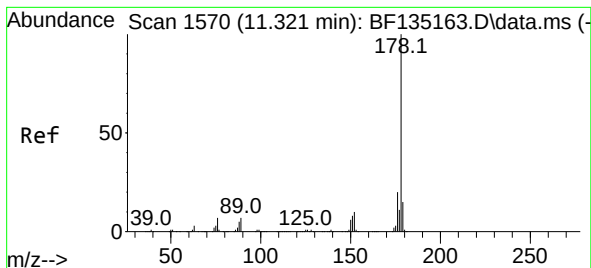
Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

264 62.3 50.8 76.2





#71

Phenanthrene

Concen: 50.539 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

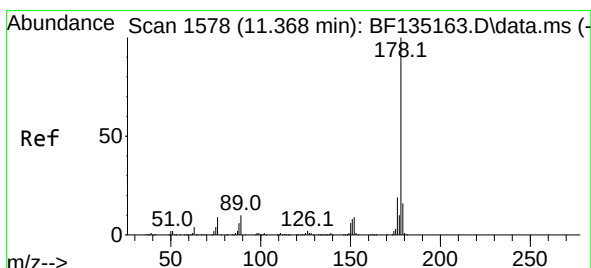
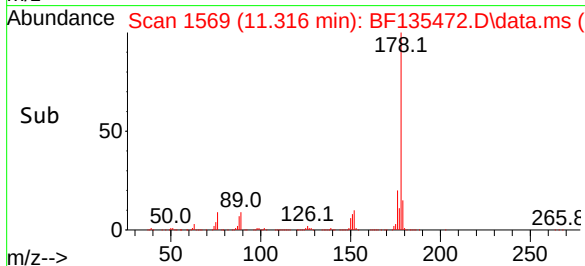
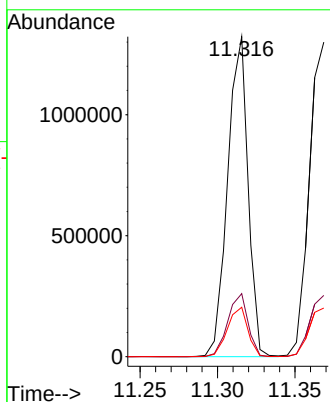
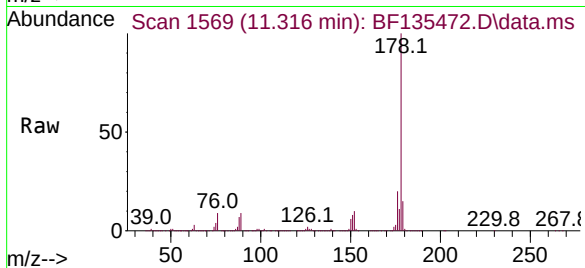
Tgt Ion:178 Resp: 1211240

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.4 12.0 18.0



#72

Anthracene

Concen: 48.297 ng

RT: 11.368 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

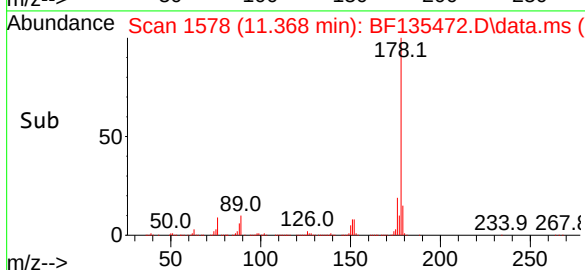
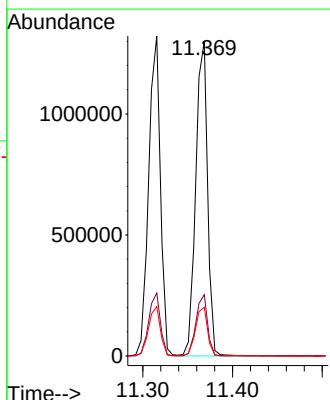
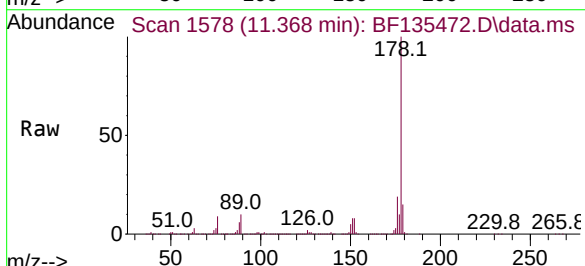
Tgt Ion:178 Resp: 1189795

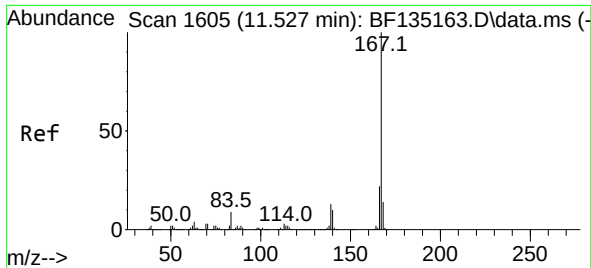
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.5 12.6 19.0



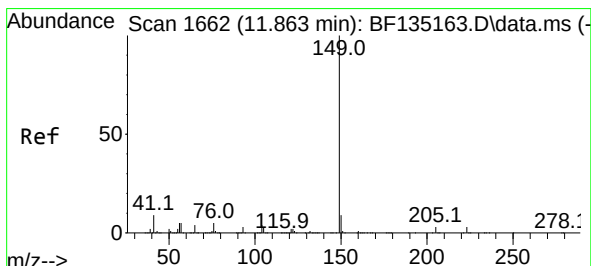
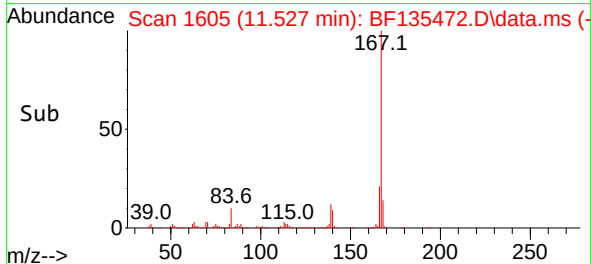
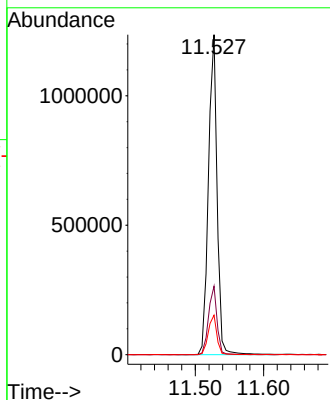
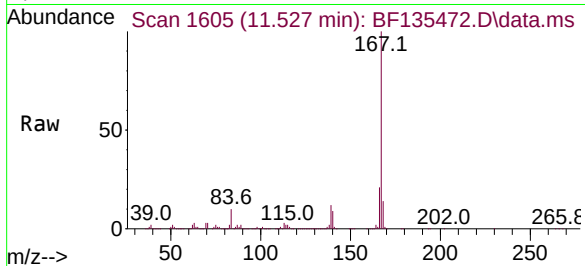


#73
 Carbazole
 Concen: 48.606 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.006 min
 Lab File: BF135472.D
 Acq: 27 Sep 2023 15:00

Instrument :
 BNA_F
 ClientSampleId :
 72-11976MSD

Tgt Ion:167 Resp: 1090019

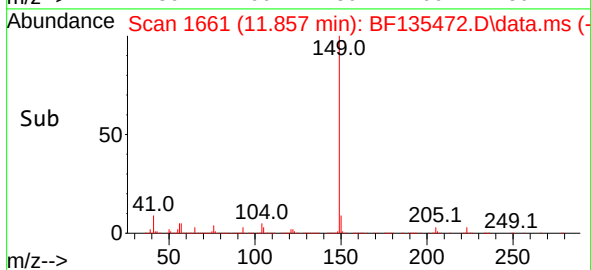
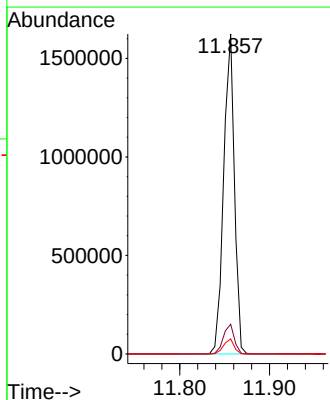
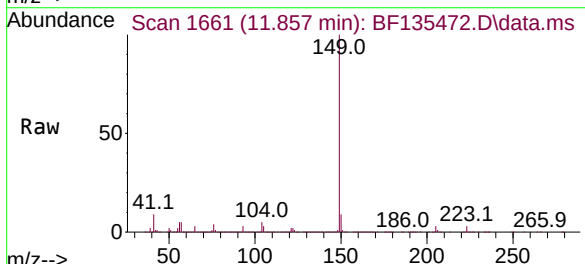
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	12.3	10.6	15.8

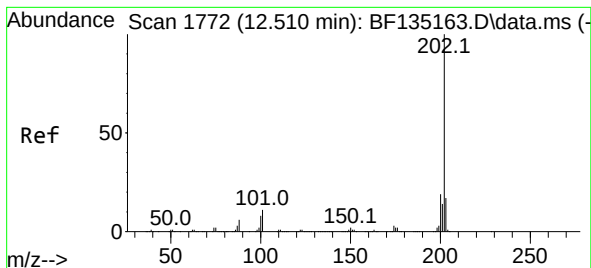


#74
 Di-n-butylphthalate
 Concen: 51.143 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: BF135472.D
 Acq: 27 Sep 2023 15:00

Tgt Ion:149 Resp: 1351469

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 47.263 ng

RT: 12.510 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

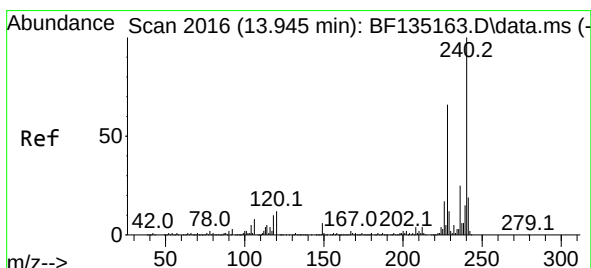
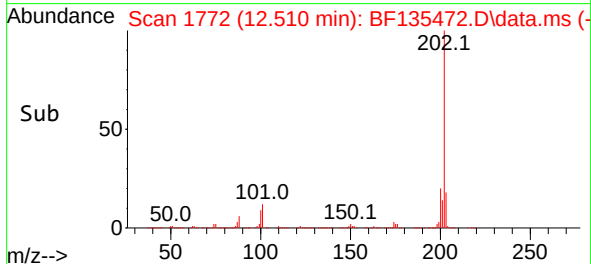
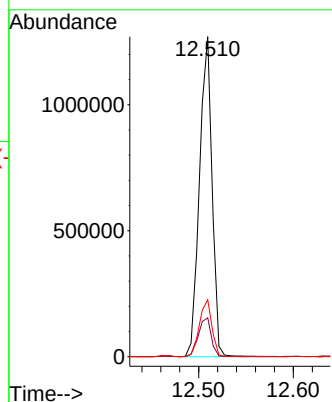
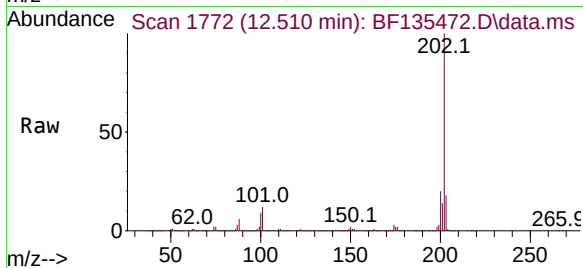
Tgt Ion:202 Resp: 1180306

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.3

203 17.8 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

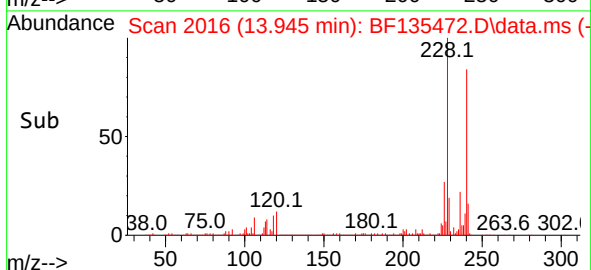
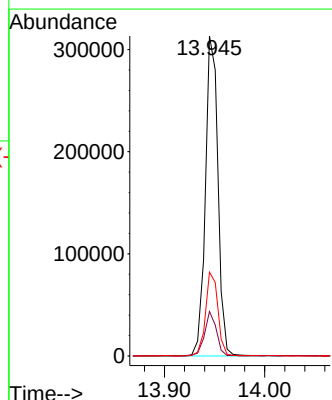
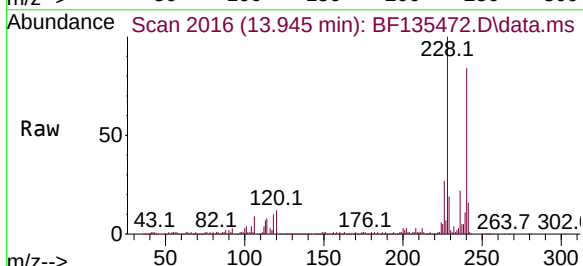
Tgt Ion:240 Resp: 274600

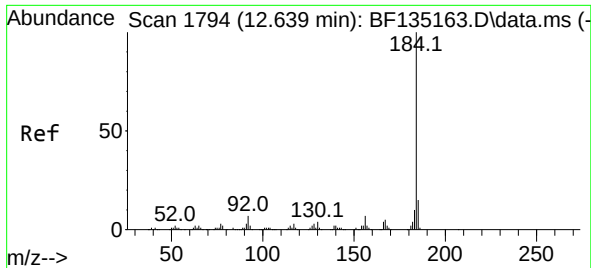
Ion Ratio Lower Upper

240 100

120 13.9 9.4 14.2

236 26.2 19.8 29.8

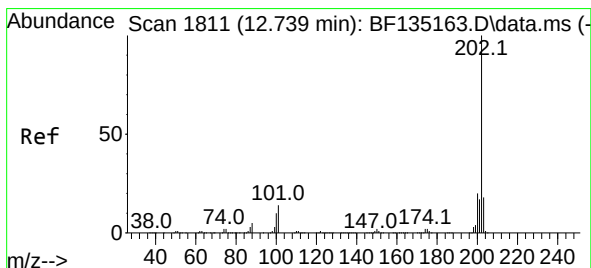
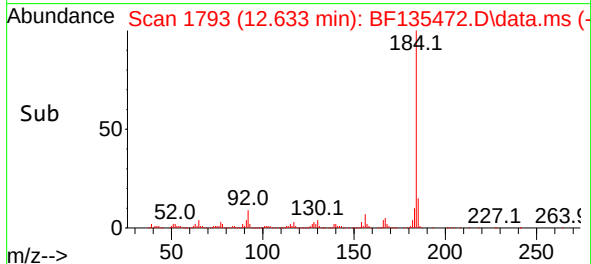
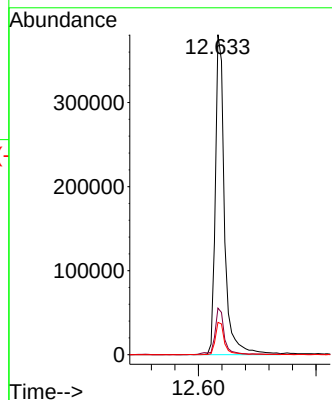
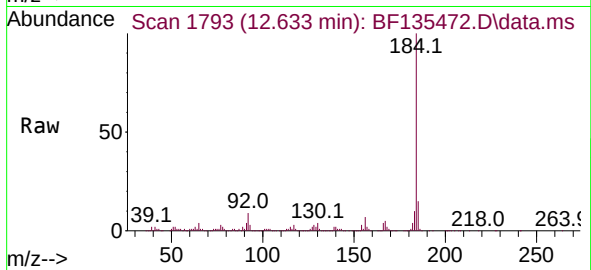




#77
Benzidine
Concen: 73.266 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

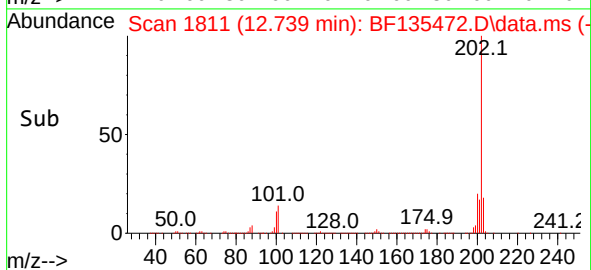
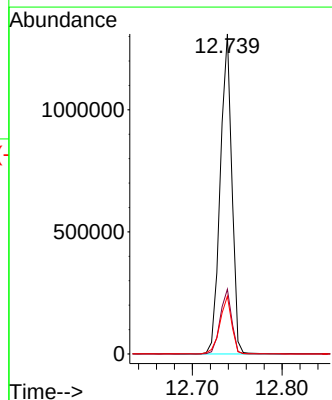
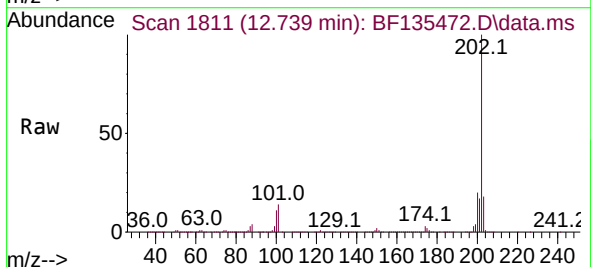
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

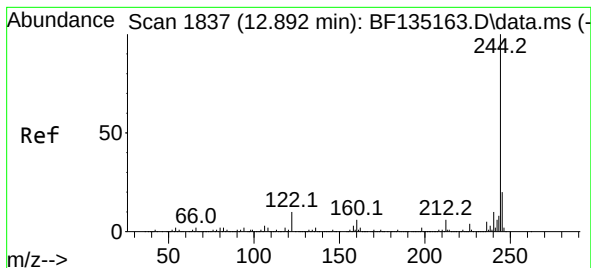
Tgt Ion:184 Resp: 412170
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.1 8.2 12.4



#78
Pyrene
Concen: 44.866 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:202 Resp: 1172969
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 68.925 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

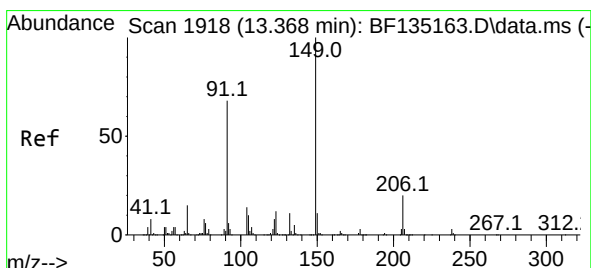
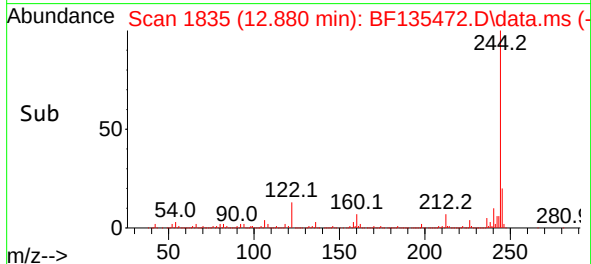
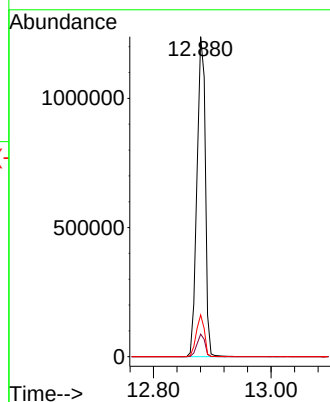
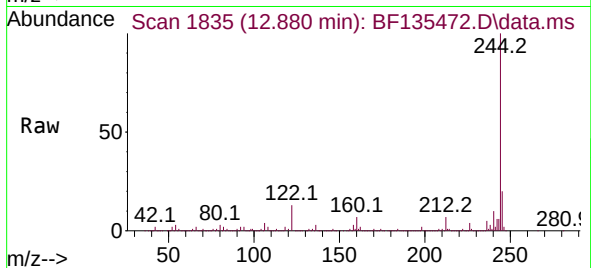
Tgt Ion:244 Resp: 1220927

Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

122 13.1 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 51.310 ng

RT: 13.362 min Scan# 1917

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

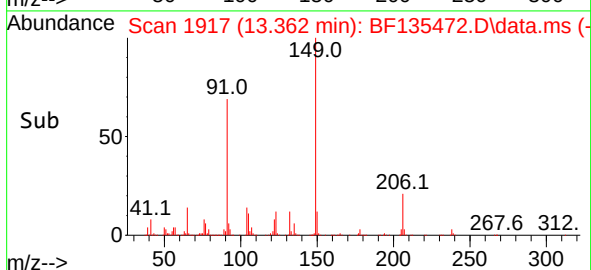
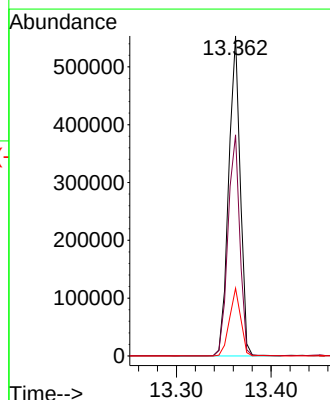
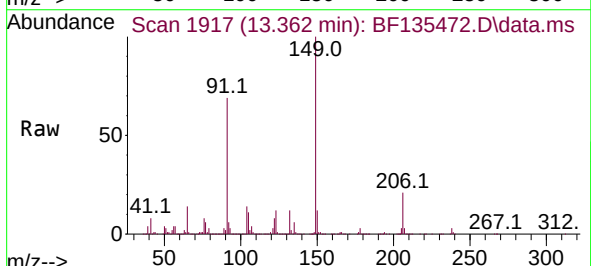
Tgt Ion:149 Resp: 472304

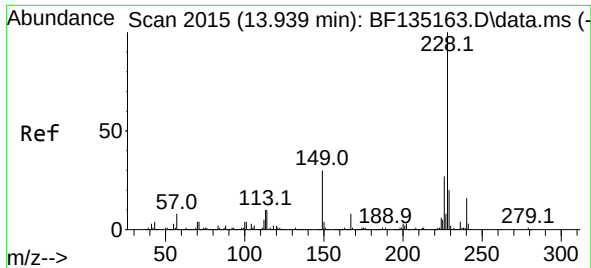
Ion Ratio Lower Upper

149 100

91 69.1 54.7 82.1

206 21.1 16.3 24.5

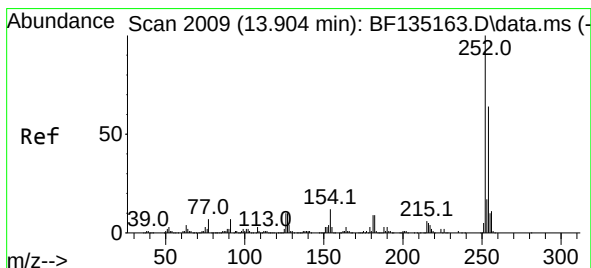
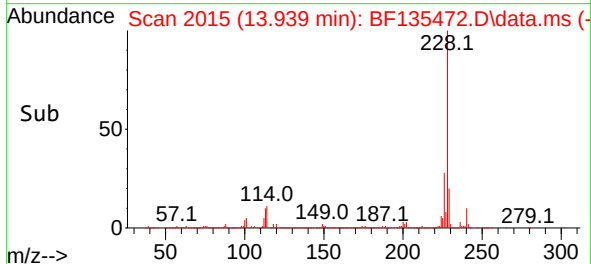
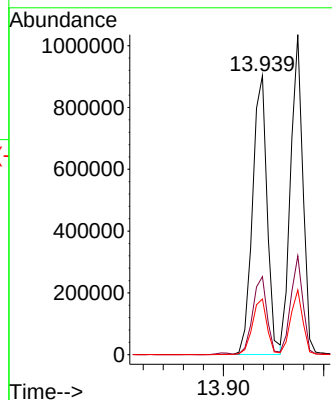
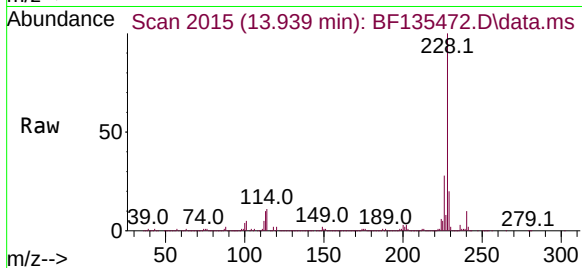




#81
Benzo(a)anthracene
Concen: 51.474 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

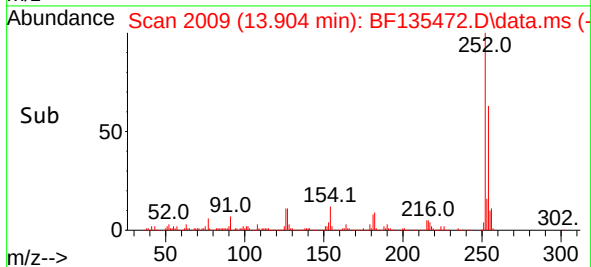
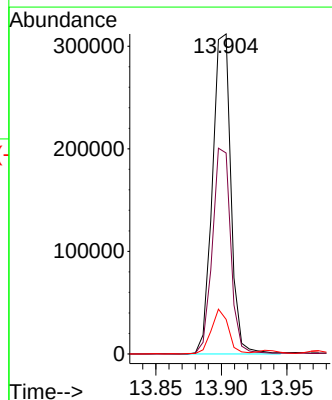
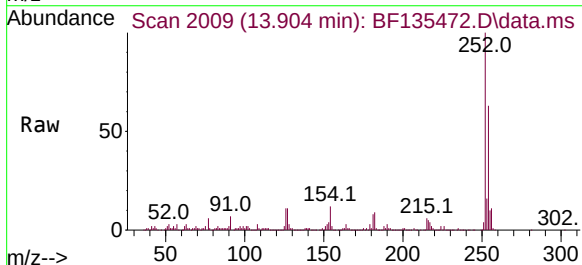
Instrument :
BNA_F
ClientSampleId :
72-11976MSD

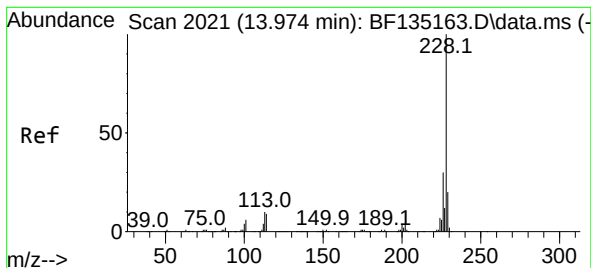
Tgt Ion:228 Resp: 912724
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 55.154 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:252 Resp: 305474
Ion Ratio Lower Upper
252 100
254 62.8 51.0 76.4
126 10.8 7.8 11.8





#83

Chrysene

Concen: 49.921 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

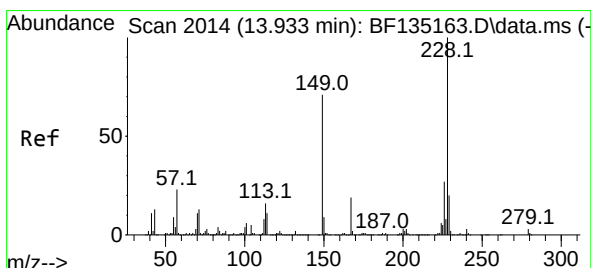
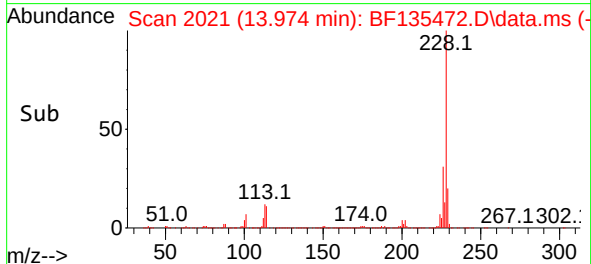
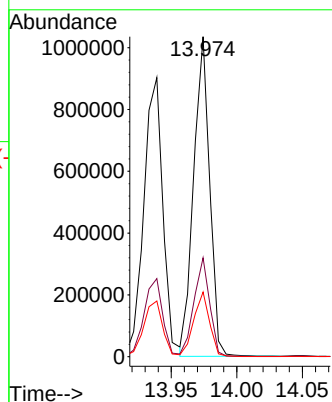
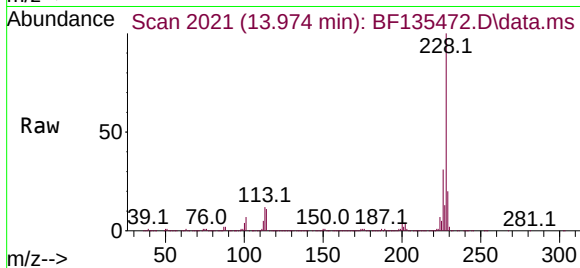
Tgt Ion:228 Resp: 880068

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.825 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

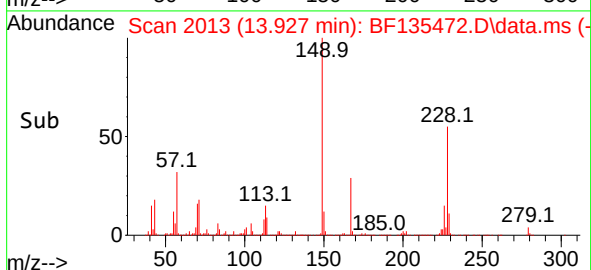
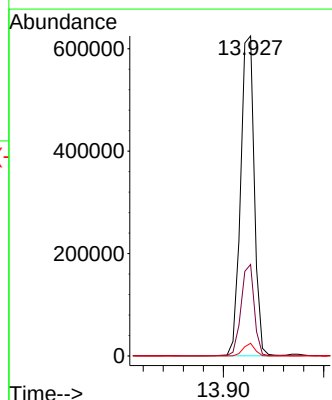
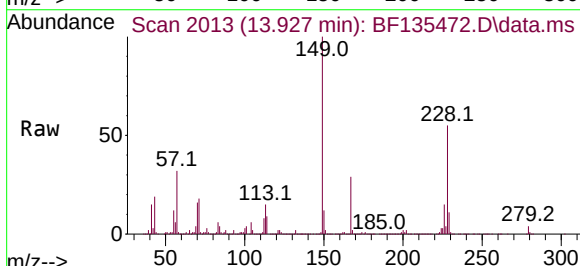
Tgt Ion:149 Resp: 593430

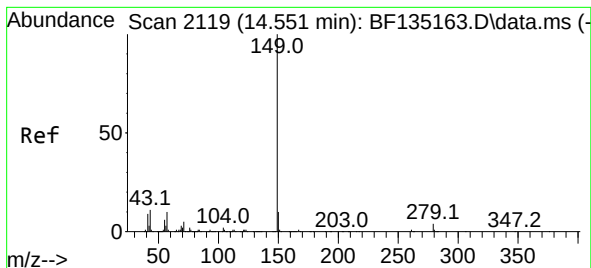
Ion Ratio Lower Upper

149 100

167 28.6 21.9 32.9

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 74.123 ng

RT: 14.545 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

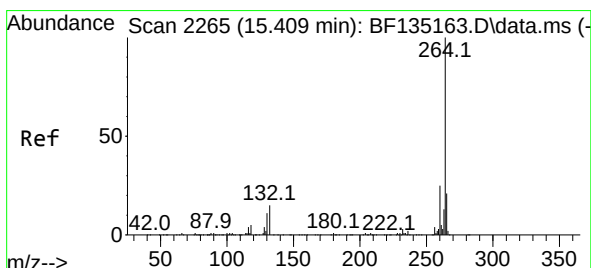
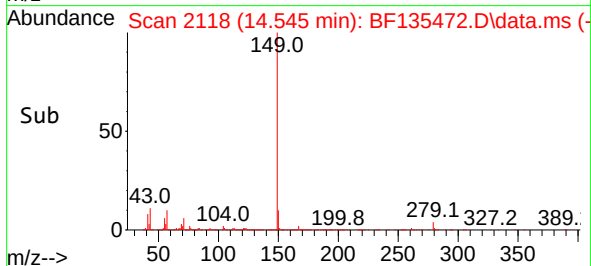
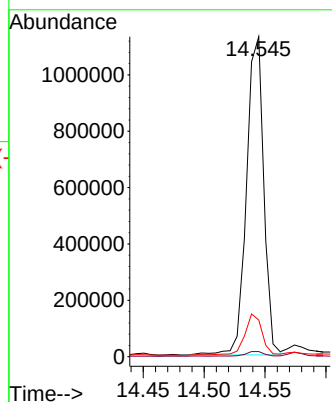
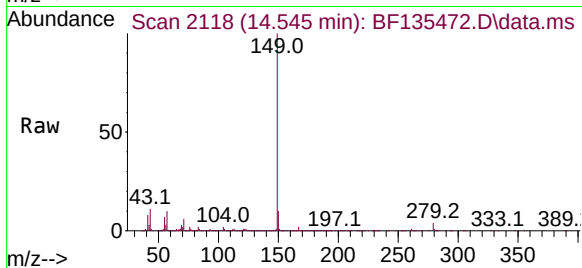
Tgt Ion:149 Resp: 1112670

Ion Ratio Lower Upper

149 100

167 1.8 1.1 1.7#

43 13.1 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.012 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

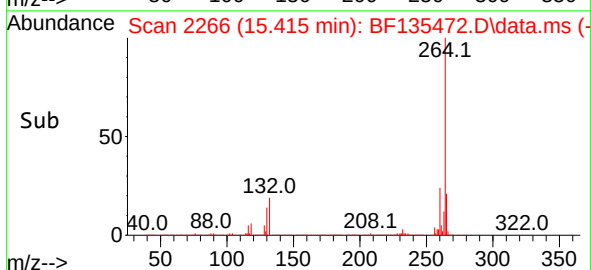
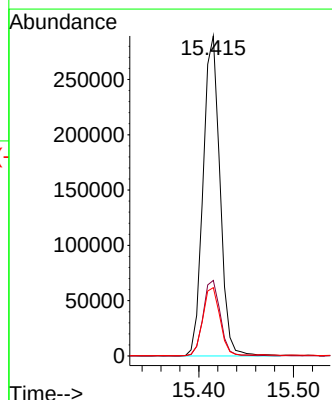
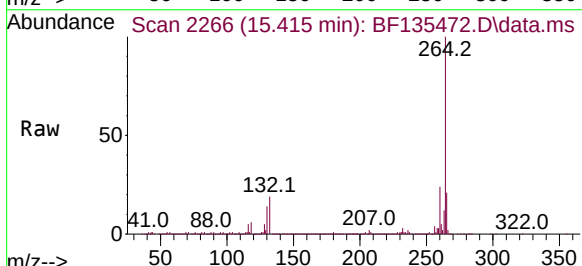
Tgt Ion:264 Resp: 357194

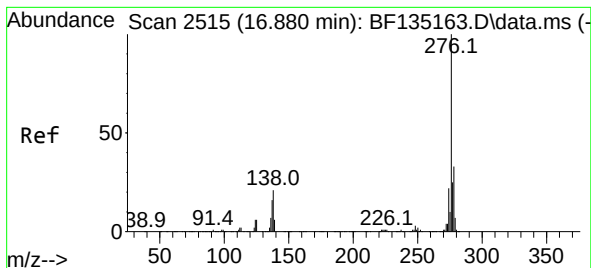
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.395 ng

RT: 16.903 min Scan# 2199

Delta R.T. 0.017 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

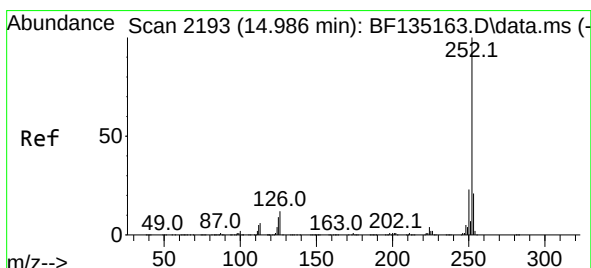
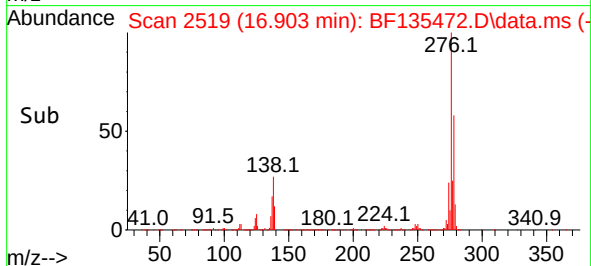
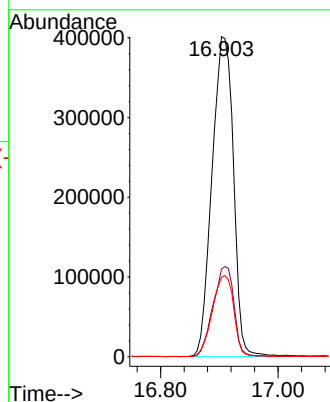
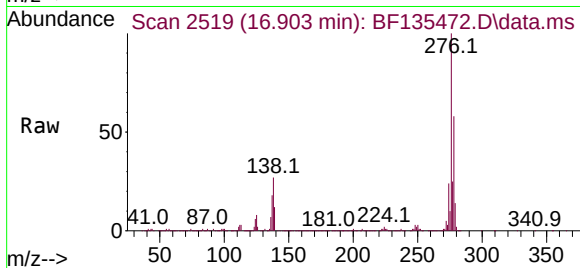
Tgt Ion:276 Resp: 1016300

Ion Ratio Lower Upper

276 100

138 27.4 19.2 28.8

277 25.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 44.595 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.041 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

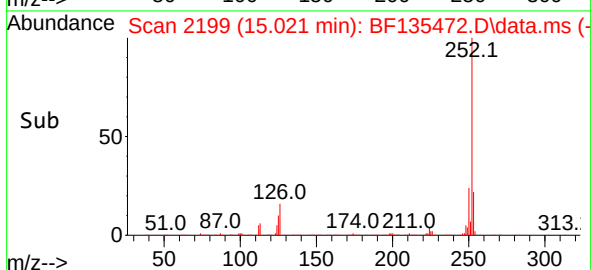
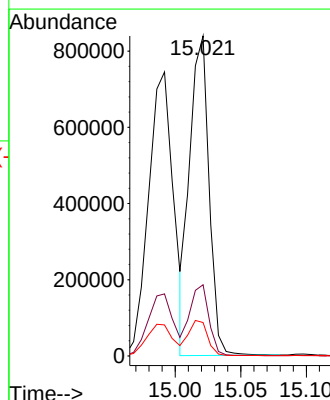
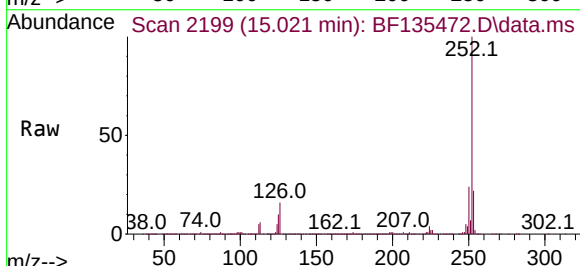
Tgt Ion:252 Resp: 862306

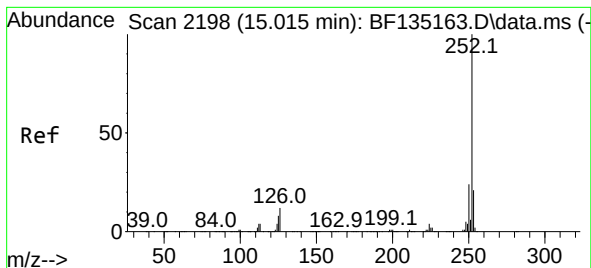
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 10.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.145 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

Instrument :

BNA_F

ClientSampleId :

72-11976MSD

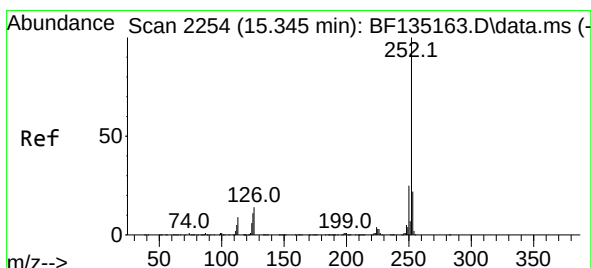
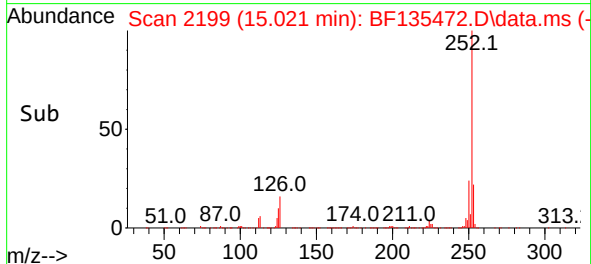
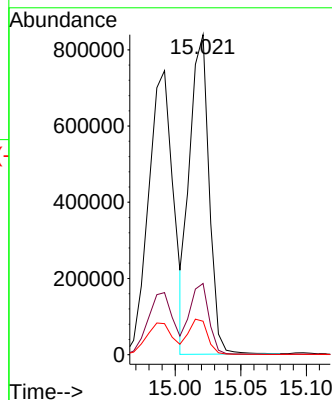
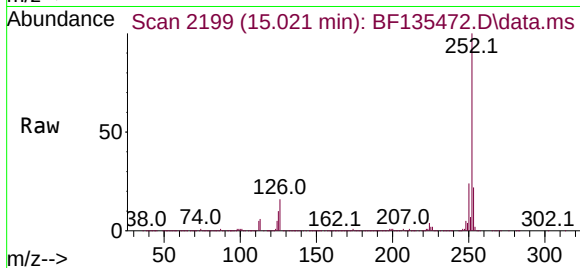
Tgt Ion:252 Resp: 862306

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.214 ng

RT: 15.356 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135472.D

Acq: 27 Sep 2023 15:00

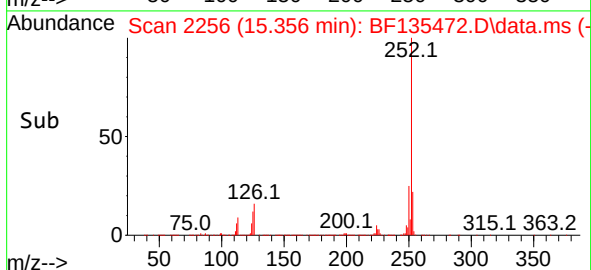
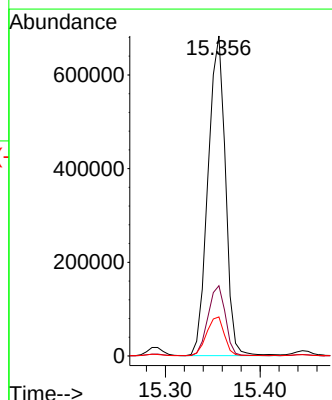
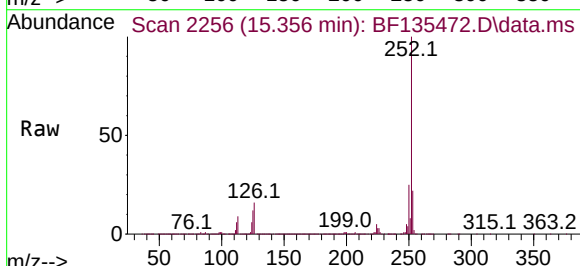
Tgt Ion:252 Resp: 870605

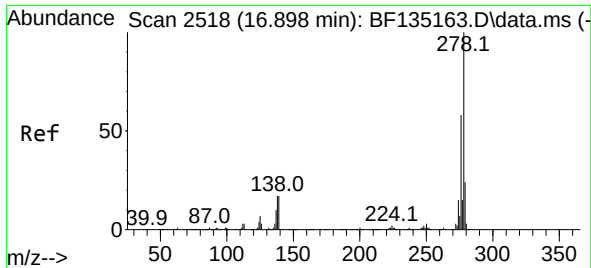
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 12.2 9.2 13.8

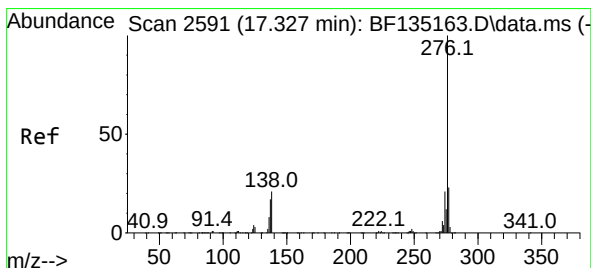
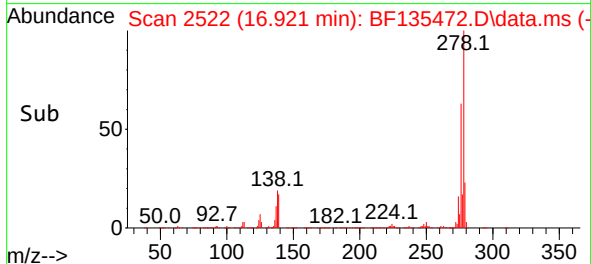
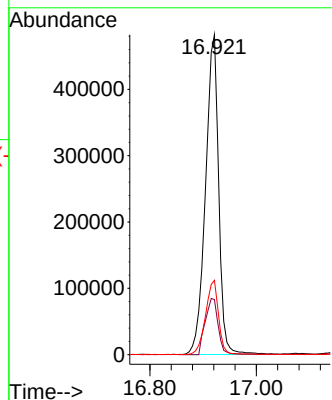
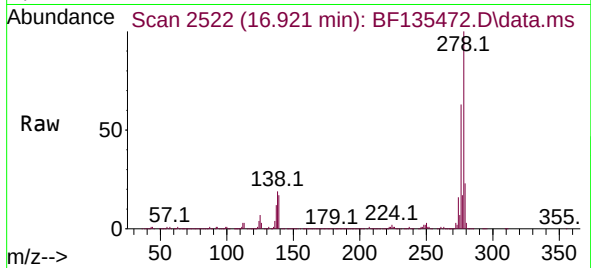




#91
Dibenzo(a,h)anthracene
Concen: 43.262 ng
RT: 16.921 min Scan# 2518
Delta R.T. 0.023 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Instrument :
BNA_F
ClientSampleId :
72-11976MSD

Tgt Ion:278 Resp: 829022
Ion Ratio Lower Upper
278 100
139 17.3 13.4 20.0
279 23.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 39.707 ng
RT: 17.356 min Scan# 2596
Delta R.T. 0.023 min
Lab File: BF135472.D
Acq: 27 Sep 2023 15:00

Tgt Ion:276 Resp: 794644
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 23.2 16.9 25.3

