

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135288.D
 Acq On : 15 Sep 2023 19:54
 Operator : CG\JU
 Sample : 04399-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930MS

Quant Time: Sep 16 01:54:59 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 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	104846	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	394091	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	192326	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	326429	20.000	ng	0.00
76) Chrysene-d12	13.945	240	182109	20.000	ng	0.00
86) Perylene-d12	15.410	264	226736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	593392	92.051	ng	0.01
7) Phenol-d6	6.404	99	739470	90.214	ng	0.00
23) Nitrobenzene-d5	7.328	82	459069	63.287	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	168134	87.970	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	827656	64.926	ng	-0.01
79) Terphenyl-d14	12.880	244	658796	56.080	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	116144	41.099	ng	99
3) Pyridine	3.304	79	285708	37.565	ng	96
4) n-Nitrosodimethylamine	3.269	42	188633	46.738	ng	95
6) Aniline	6.428	93	351509	32.702	ng	95
8) 2-Chlorophenol	6.545	128	321926	46.781	ng	98
9) Benzaldehyde	6.316	77	112396	24.070	ng	98
10) Phenol	6.422	94	390739	43.472	ng	77
11) bis(2-Chloroethyl)ether	6.504	93	304325	45.138	ng	98
12) 1,3-Dichlorobenzene	6.698	146	324788	46.441	ng	96
13) 1,4-Dichlorobenzene	6.775	146	330935	46.511	ng	100
14) 1,2-Dichlorobenzene	6.928	146	313561	47.454	ng	97
15) Benzyl Alcohol	6.910	79	275457	46.831	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.040	45	544312	42.831	ng	98
17) 2-Methylphenol	7.022	107	249862	41.146	ng	97
18) Hexachloroethane	7.263	117	124365	47.304	ng	92
19) n-Nitroso-di-n-propyla...	7.175	70	215808	42.506	ng	97
20) 3+4-Methylphenols	7.175	107	303516	41.565	ng	96
22) Acetophenone	7.169	105	422908	46.938	ng	99
24) Nitrobenzene	7.345	77	329807	46.001	ng	98
25) Isophorone	7.587	82	599928	45.040	ng	100
26) 2-Nitrophenol	7.657	139	164772	47.885	ng	96
27) 2,4-Dimethylphenol	7.698	122	242886	41.993	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	363735	45.625	ng	100
29) 2,4-Dichlorophenol	7.898	162	252627	47.137	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	269552	48.118	ng	99
31) Naphthalene	8.063	128	892140	46.593	ng	99
32) Benzoic acid	7.834	122	153826	35.319	ng	96
33) 4-Chloroaniline	8.116	127	284525	33.868	ng	98
34) Hexachlorobutadiene	8.175	225	163845	48.506	ng	98
35) Caprolactam	8.492	113	52596	29.241	ng	97
36) 4-Chloro-3-methylphenol	8.604	107	271839	45.636	ng	99
37) 2-Methylnaphthalene	8.751	142	555815	43.183	ng	99
38) 1-Methylnaphthalene	8.851	142	535774	44.461	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	270978	48.633	ng	99
41) Hexachlorocyclopentadiene	8.904	237	159859	66.487	ng	99
43) 2,4,6-Trichlorophenol	9.034	196	174300	47.778	ng	98

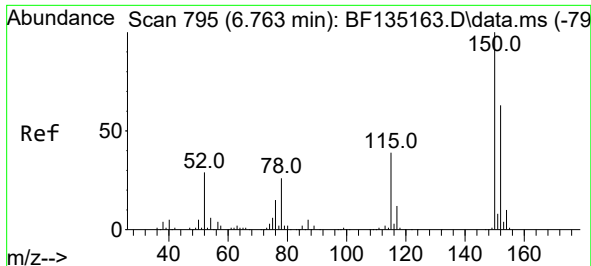
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	185071	44.052	ng	98
46) 1,1'-Biphenyl	9.222	154	700382	47.387	ng	100
47) 2-Chloronaphthalene	9.245	162	521390	48.620	ng	99
48) 2-Nitroaniline	9.345	65	195371	46.895	ng	94
49) Acenaphthylene	9.657	152	857228	48.099	ng	99
50) Dimethylphthalate	9.528	163	596442	45.869	ng	100
51) 2,6-Dinitrotoluene	9.592	165	132022	46.347	ng	90
52) Acenaphthene	9.833	154	488622	46.410	ng	98
53) 3-Nitroaniline	9.763	138	123990	37.081	ng	93
54) 2,4-Dinitrophenol	9.875	184	72983	47.855	ng	94
55) Dibenzofuran	10.004	168	721086	44.883	ng	98
56) 4-Nitrophenol	9.933	139	170356	80.163	ng	98
57) 2,4-Dinitrotoluene	9.998	165	156979	44.019	ng	86
58) Fluorene	10.351	166	558492	45.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	139647	43.211	ng	99
60) Diethylphthalate	10.228	149	593024	45.443	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	264553	44.590	ng	99
62) 4-Nitroaniline	10.380	138	129052	40.151	ng	97
63) Azobenzene	10.504	77	560830	43.911	ng	100
65) 4,6-Dinitro-2-methylph...	10.410	198	60621	34.965	ng	91
66) n-Nitrosodiphenylamine	10.463	169	503782	50.977	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	158167	48.718	ng	97
68) Hexachlorobenzene	10.898	284	175383	53.026	ng	98
69) Atrazine	10.998	200	144614	54.384	ng	99
70) Pentachlorophenol	11.098	266	154181	77.913	ng	99
71) Phenanthrene	11.316	178	777678	50.372	ng	100
72) Anthracene	11.369	178	736314	46.399	ng	99
73) Carbazole	11.527	167	655421	45.370	ng	98
74) Di-n-butylphthalate	11.857	149	803343	47.193	ng	99
75) Fluoranthene	12.510	202	787401	48.947	ng	98
77) Benzidine	12.633	184	257640	69.057	ng	98
78) Pyrene	12.739	202	772217	44.539	ng	99
80) Butylbenzylphthalate	13.363	149	271150	44.418	ng	98
81) Benzo(a)anthracene	13.939	228	590856	50.246	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	176730	48.115	ng	# 98
83) Chrysene	13.974	228	584783	50.018	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	426333	68.058	ng	98
85) Di-n-octyl phthalate	14.551	149	707289	71.048	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.892	276	598290	40.245	ng	98
88) Benzo(b)fluoranthene	14.986	252	687281	55.995	ng	99
89) Benzo(k)fluoranthene	15.015	252	539362	44.485	ng	99
90) Benzo(a)pyrene	15.351	252	566436	48.393	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	469783	38.621	ng	96
92) Benzo(g,h,i)perylene	17.339	276	456975	35.972	ng	98

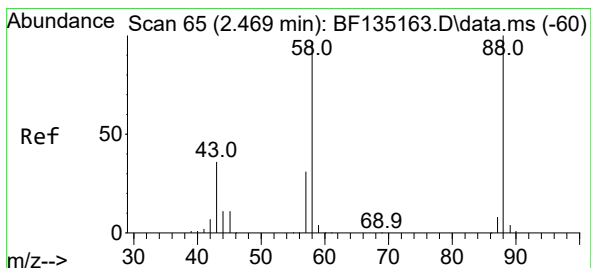
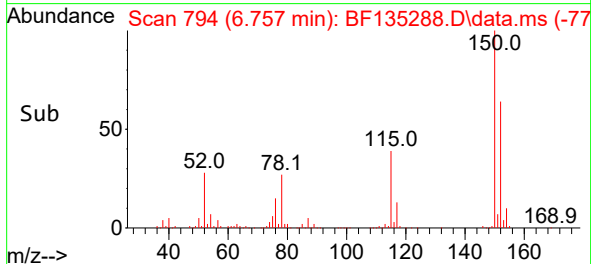
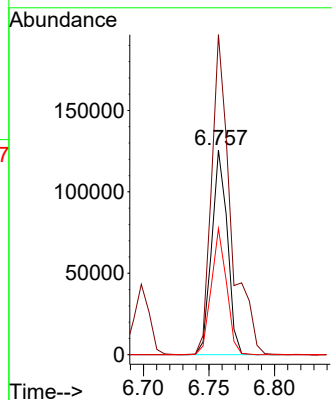
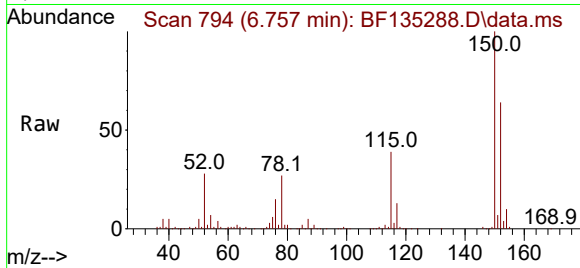
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135288.D
 Acq: 15 Sep 2023 19:54

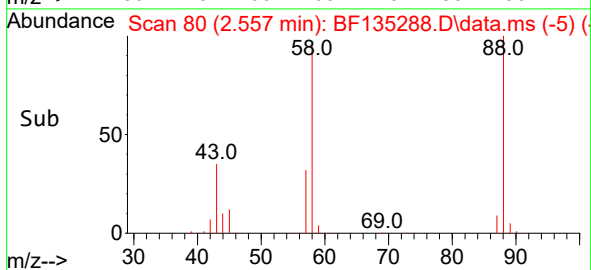
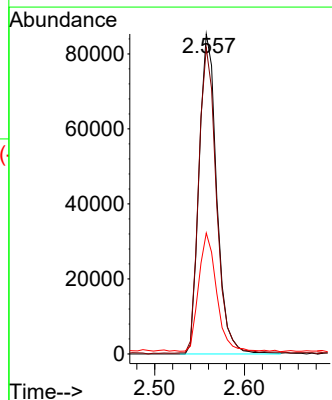
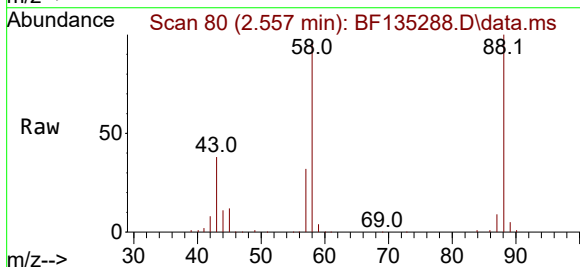
Instrument :
 BNA_F
 ClientSampleId :
 72-11930MS

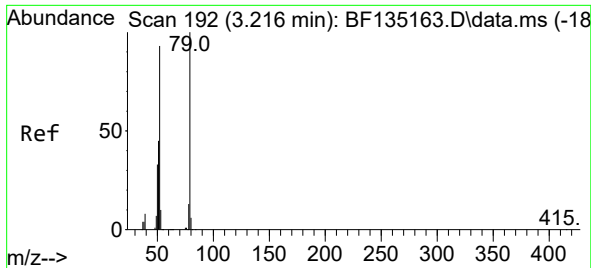
Tgt Ion:152 Resp: 104846
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.8 191.6
 115 61.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 41.099 ng
 RT: 2.557 min Scan# 80
 Delta R.T. 0.088 min
 Lab File: BF135288.D
 Acq: 15 Sep 2023 19:54

Tgt Ion: 88 Resp: 116144
 Ion Ratio Lower Upper
 88 100
 58 98.1 78.3 117.5
 43 38.0 29.4 44.0





#3

Pyridine

Concen: 37.565 ng

RT: 3.304 min Scan# 20

Delta R.T. 0.088 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

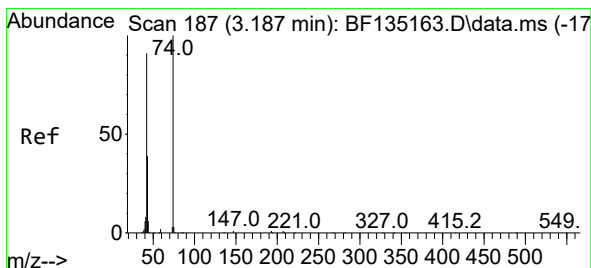
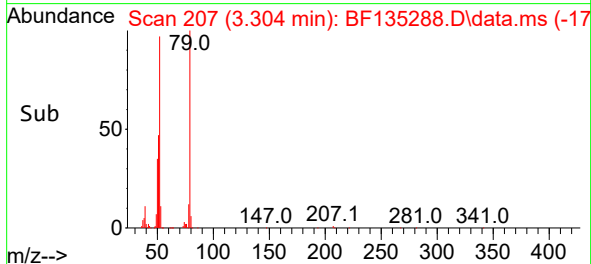
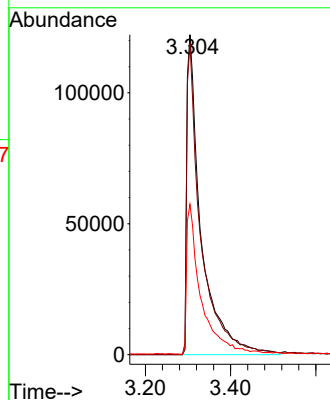
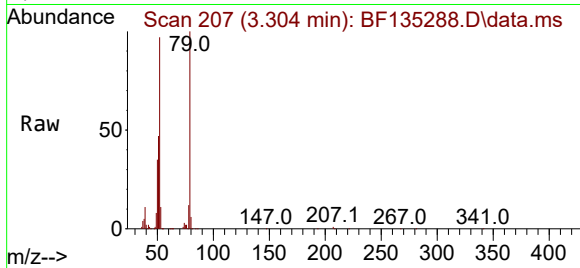
Tgt Ion: 79 Resp: 285708

Ion Ratio Lower Upper

79 100

52 97.4 74.1 111.1

51 47.0 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 46.738 ng

RT: 3.269 min Scan# 201

Delta R.T. 0.083 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

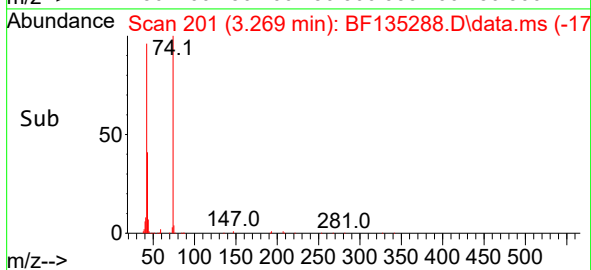
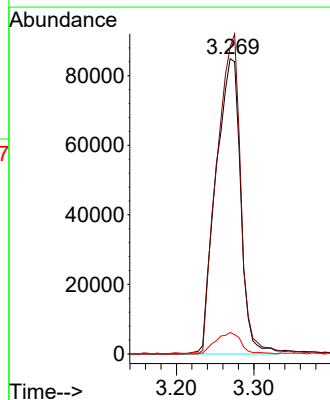
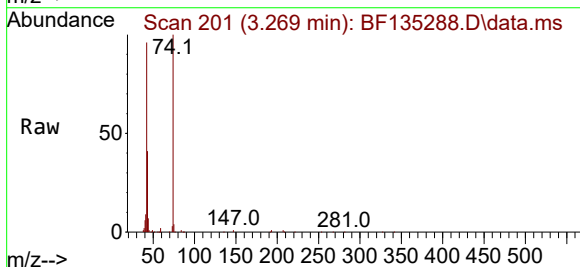
Tgt Ion: 42 Resp: 188633

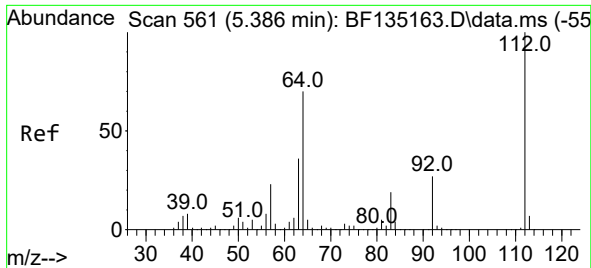
Ion Ratio Lower Upper

42 100

74 103.9 87.7 131.5

44 7.2 5.6 8.4

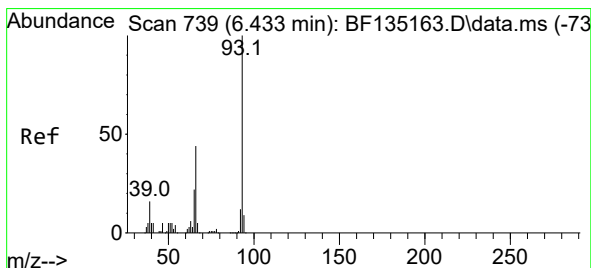
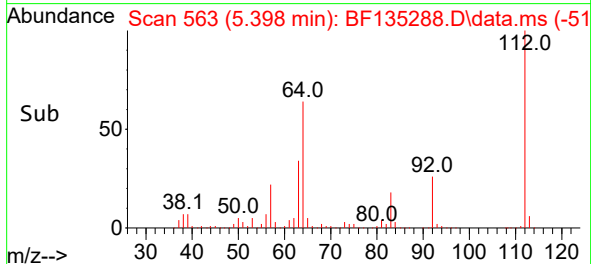
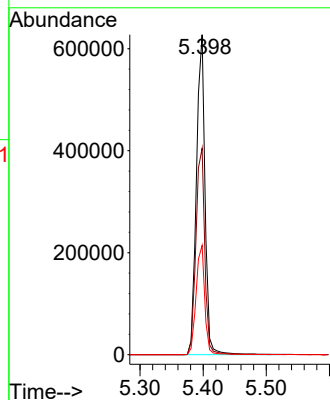
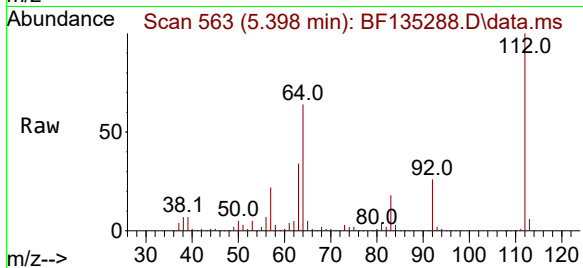




#5
2-Fluorophenol
Concen: 92.051 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

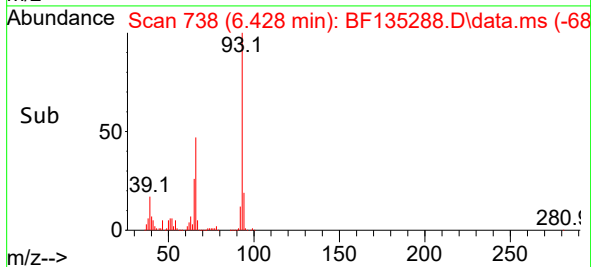
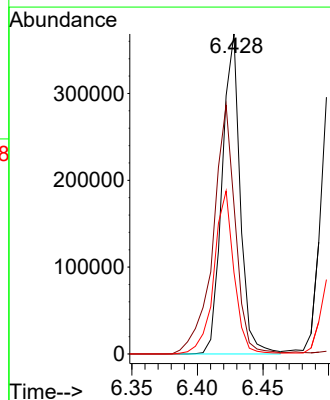
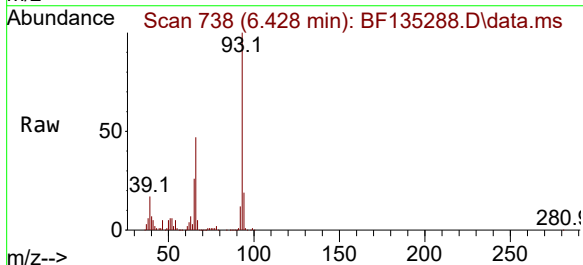
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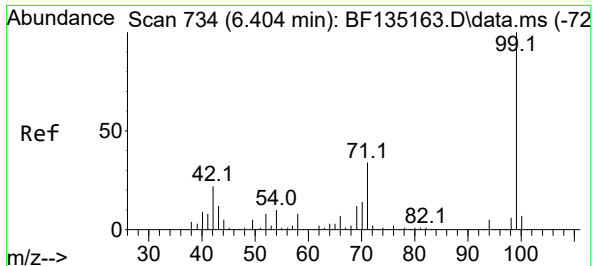
Tgt Ion:112 Resp: 593392
Ion Ratio Lower Upper
112 100
64 64.5 55.9 83.9
63 34.1 29.0 43.6



#6
Aniline
Concen: 32.702 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion: 93 Resp: 351509
Ion Ratio Lower Upper
93 100
66 46.7 35.4 53.0
65 25.5 17.8 26.8

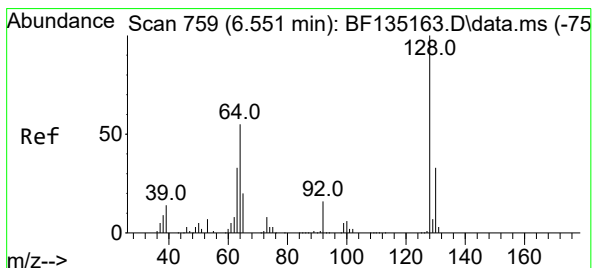
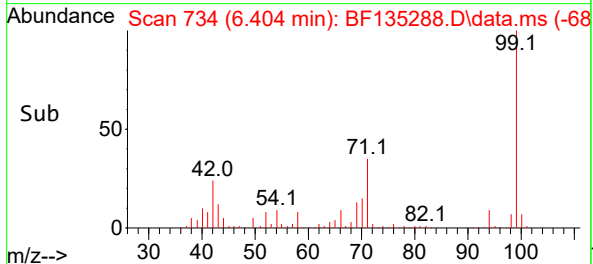
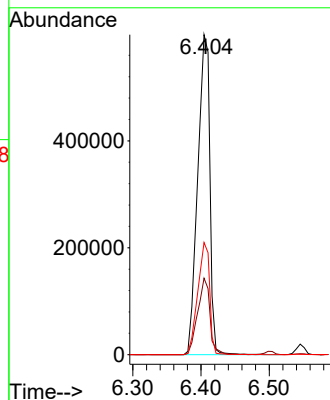
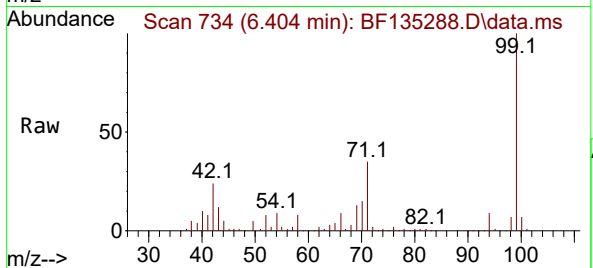




#7
Phenol-d6
Concen: 90.214 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

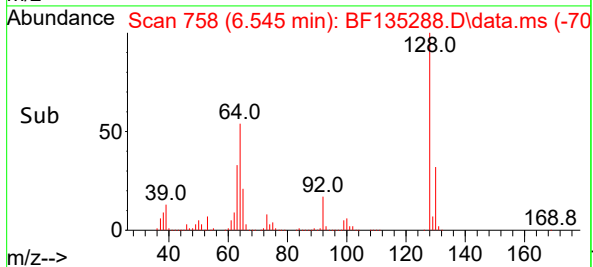
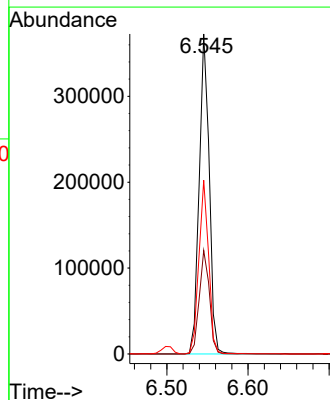
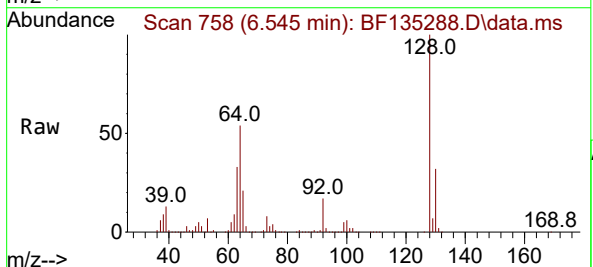
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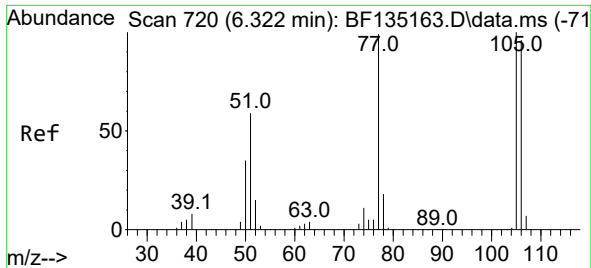
Tgt Ion: 99 Resp: 739470
Ion Ratio Lower Upper
99 100
42 23.9 17.9 26.9
71 35.1 27.0 40.6



#8
2-Chlorophenol
Concen: 46.781 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:128 Resp: 321926
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 54.3 35.9 75.9

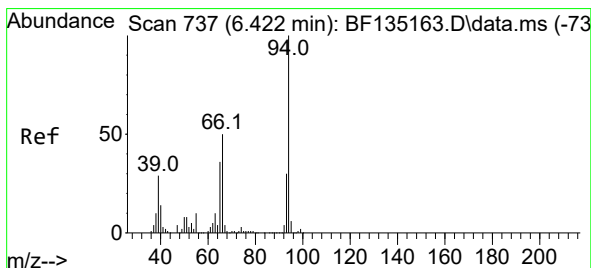
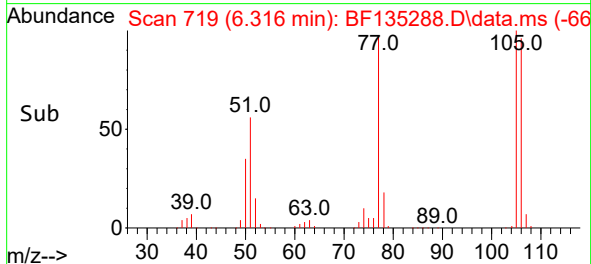
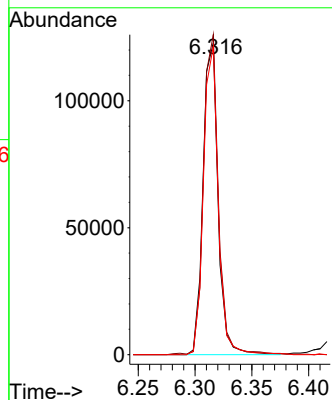
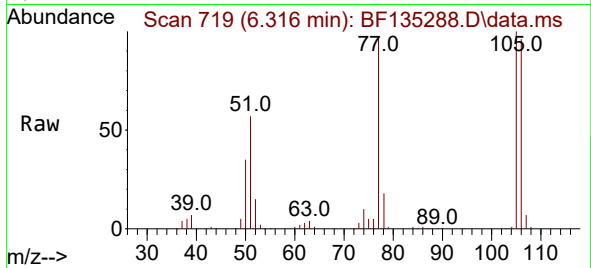




#9
Benzaldehyde
Concen: 24.070 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

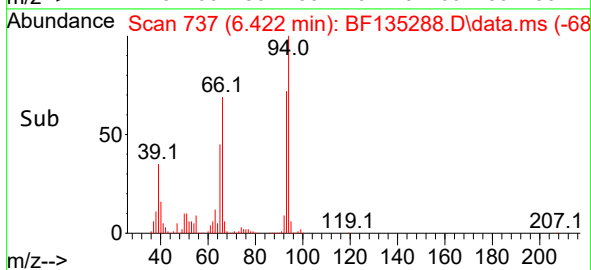
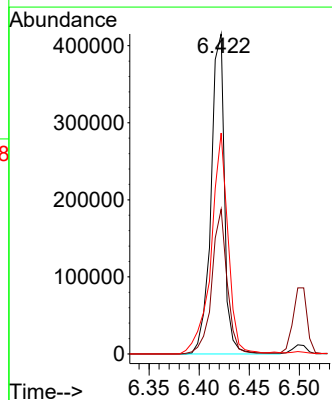
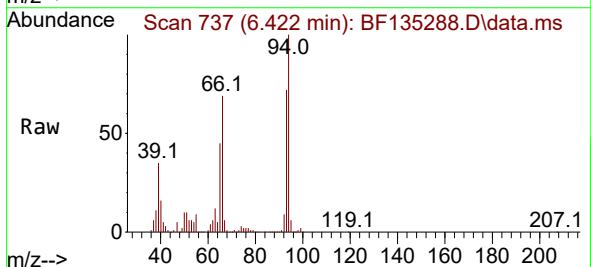
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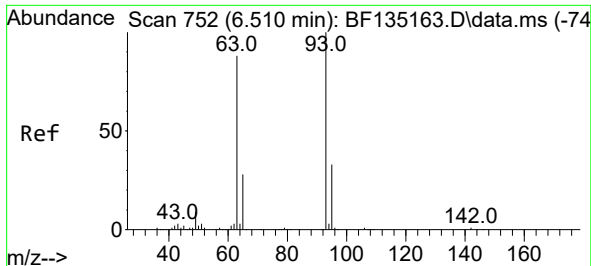
Tgt Ion: 77 Resp: 112396
Ion Ratio Lower Upper
77 100
105 102.6 81.4 121.4
106 99.0 76.9 116.9



#10
Phenol
Concen: 43.472 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion: 94 Resp: 390739
Ion Ratio Lower Upper
94 100
65 45.2 15.9 55.9
66 69.0 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 45.138 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

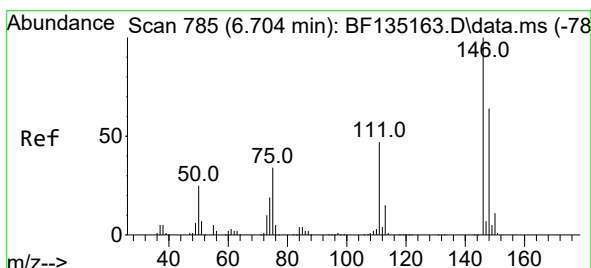
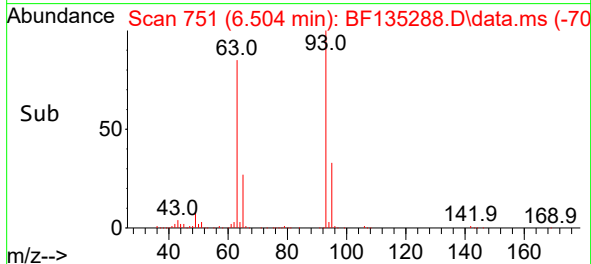
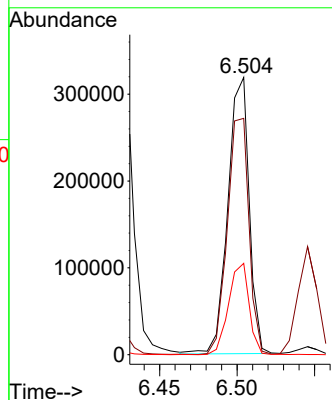
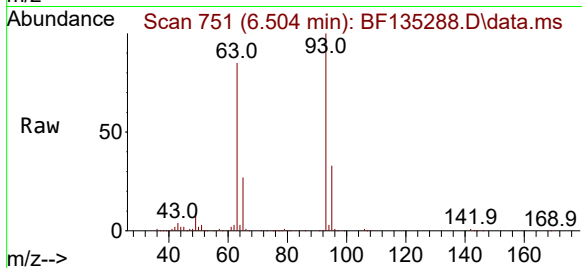
Tgt Ion: 93 Resp: 304325

Ion Ratio Lower Upper

93 100

63 85.2 67.3 107.3

95 32.9 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 46.441 ng

RT: 6.698 min Scan# 784

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

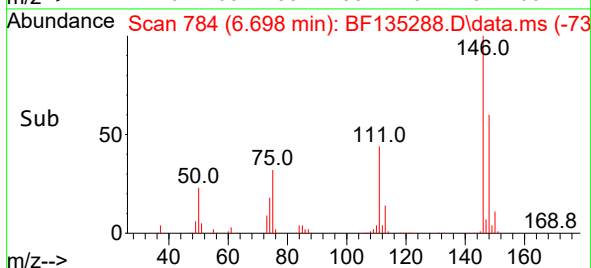
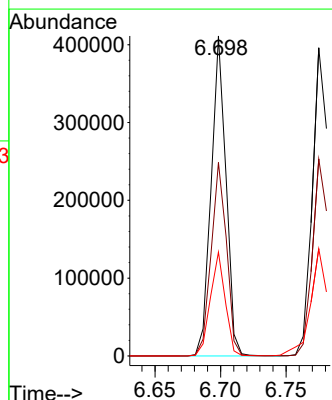
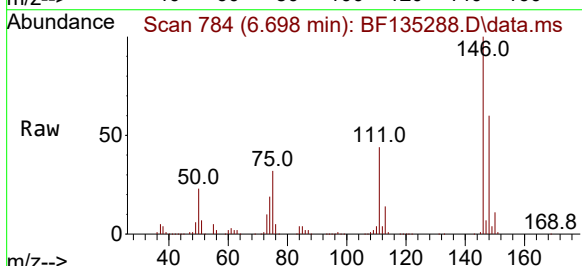
Tgt Ion:146 Resp: 324788

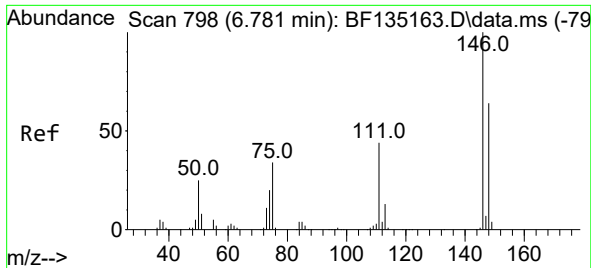
Ion Ratio Lower Upper

146 100

148 60.5 51.3 76.9

75 32.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.511 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

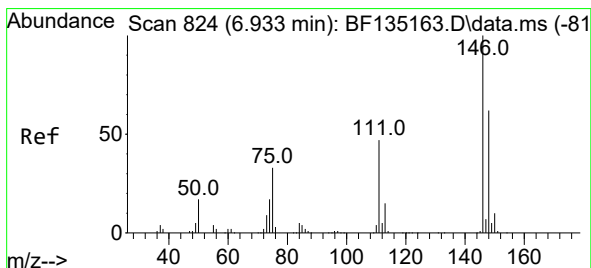
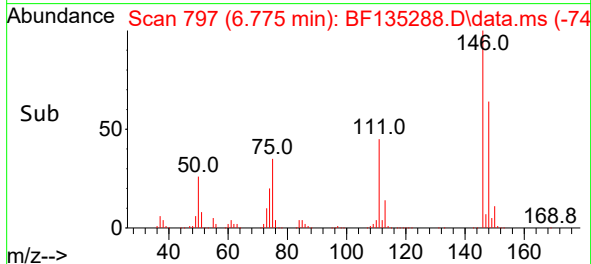
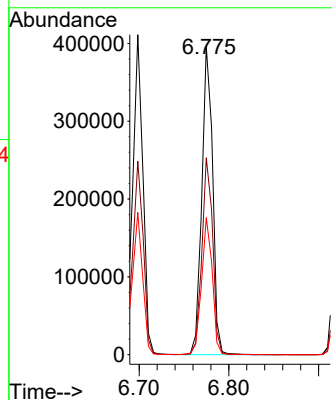
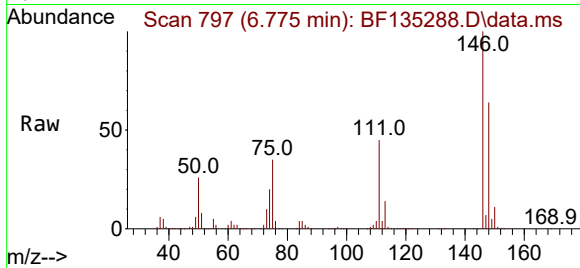
Tgt Ion:146 Resp: 330935

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

111 44.5 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 47.454 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

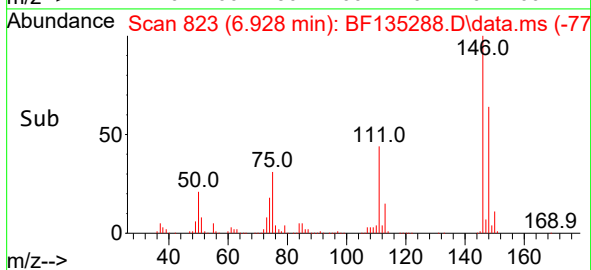
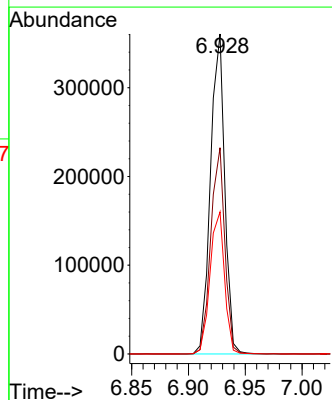
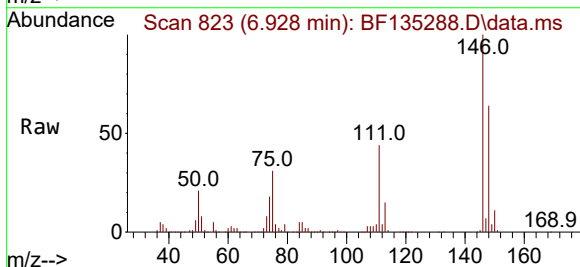
Tgt Ion:146 Resp: 313561

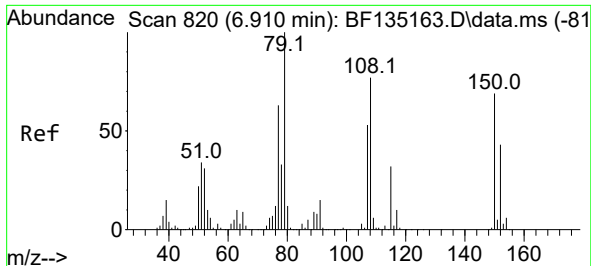
Ion Ratio Lower Upper

146 100

148 64.5 49.7 74.5

111 44.4 37.4 56.2

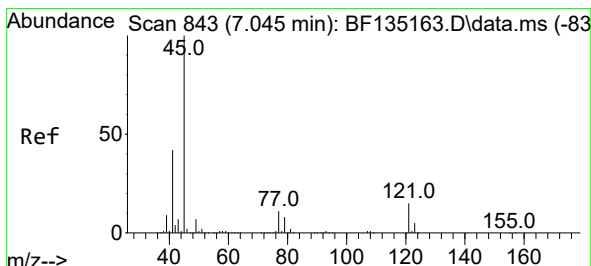
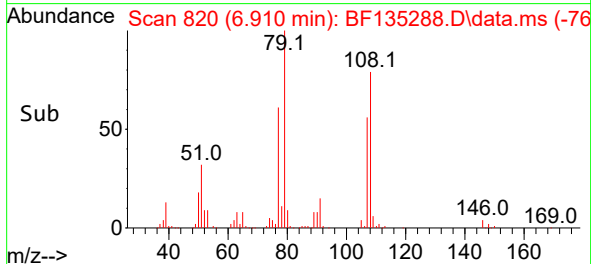
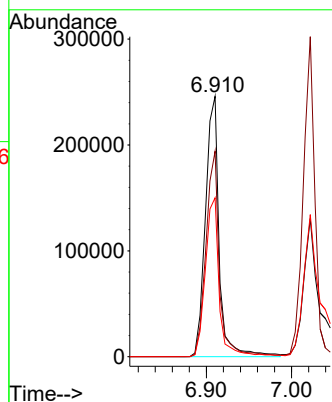
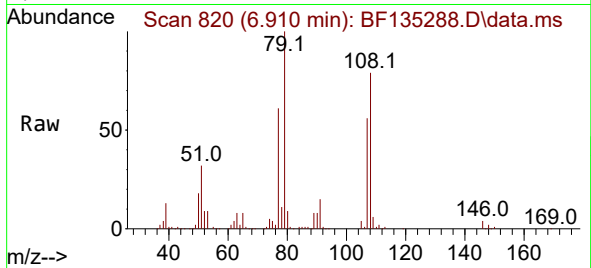




#15
Benzyl Alcohol
Concen: 46.831 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

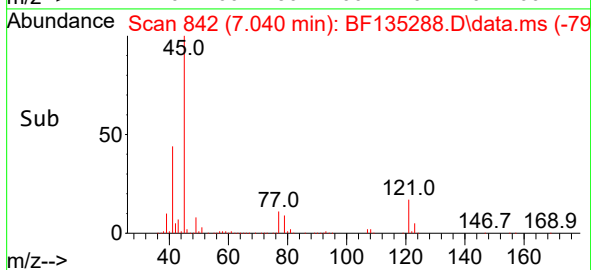
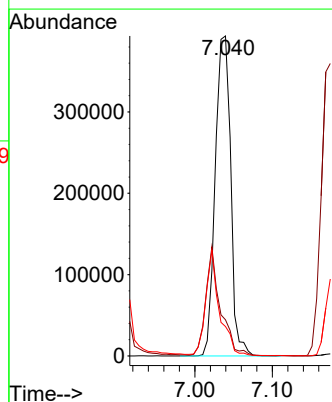
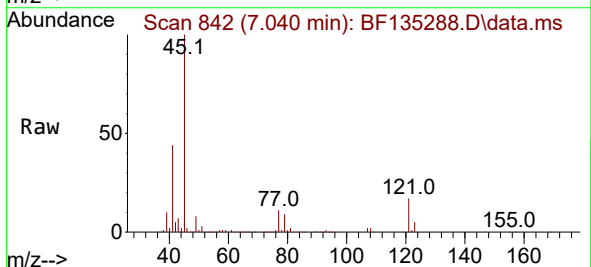
Instrument :
BNA_F
ClientSampleId :
72-11930MS

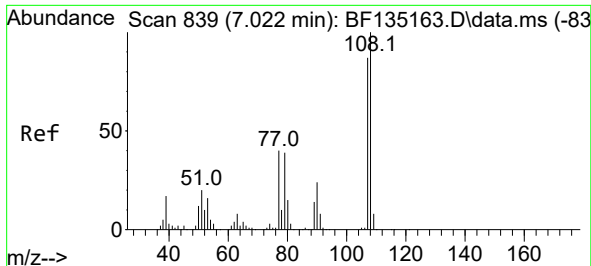
Tgt Ion: 79 Resp: 275457
Ion Ratio Lower Upper
79 100
108 78.9 61.2 91.8
77 61.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.831 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion: 45 Resp: 544312
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.6
79 9.2 0.0 28.3

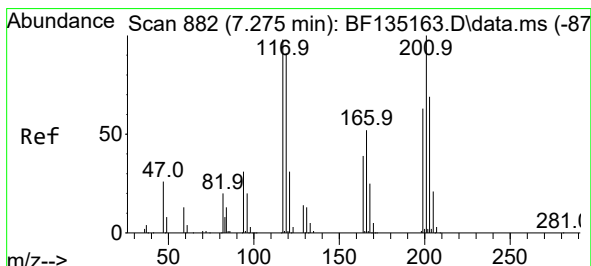
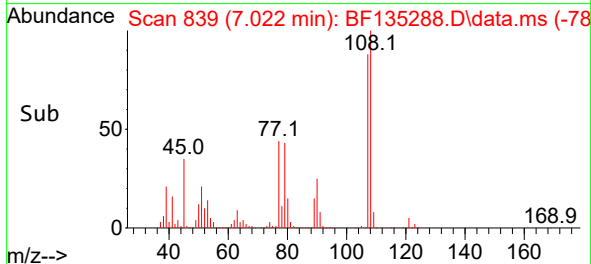
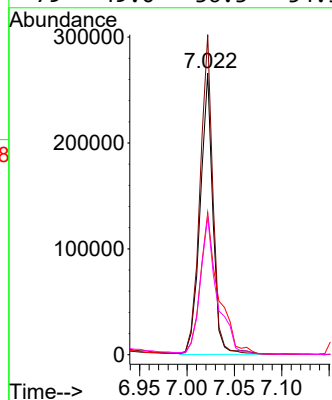
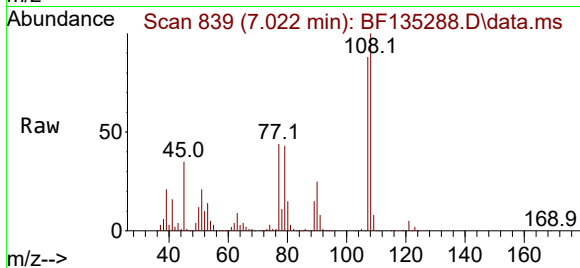




#17
2-Methylphenol
Concen: 41.146 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

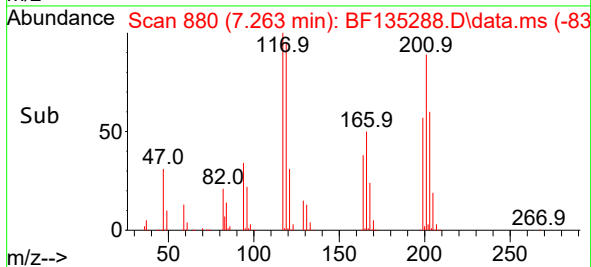
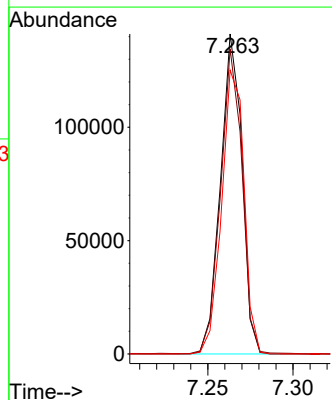
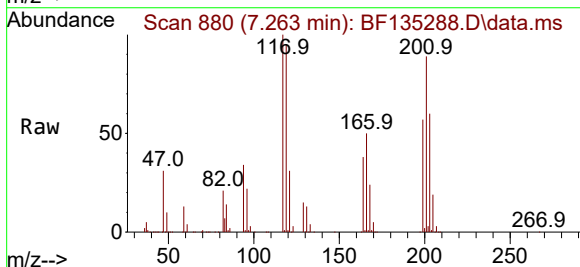
Instrument :
BNA_F
ClientSampleId :
72-11930MS

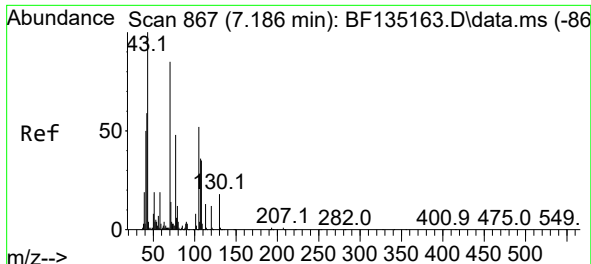
Tgt Ion:	107	Resp:	249862
Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.0	138.0
77	50.5	36.7	55.1
79	49.0	36.3	54.5



#18
Hexachloroethane
Concen: 47.304 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:	117	Resp:	124365
Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.7	112.1
201	88.7	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.506 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

Tgt Ion: 70 Resp: 215808

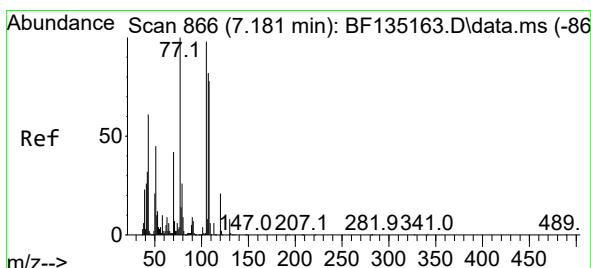
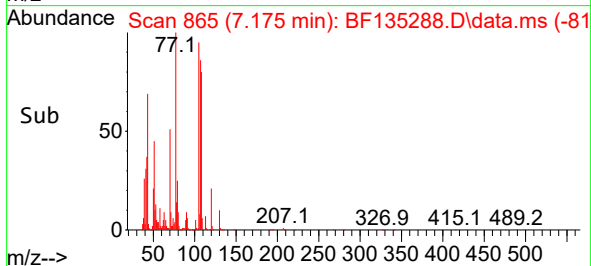
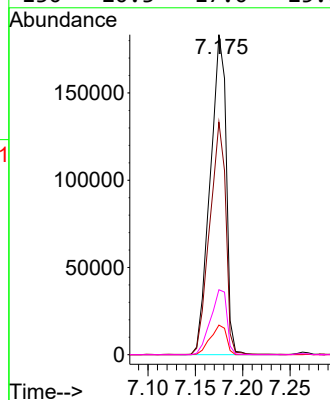
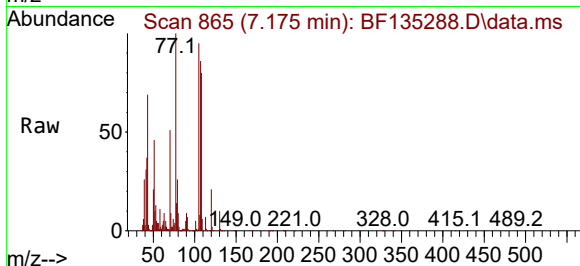
Ion Ratio Lower Upper

70 100

42 72.6 55.4 83.0

101 9.3 7.7 11.5

130 20.3 17.0 25.6



#20

3+4-Methylphenols

Concen: 41.565 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Tgt Ion: 107 Resp: 303516

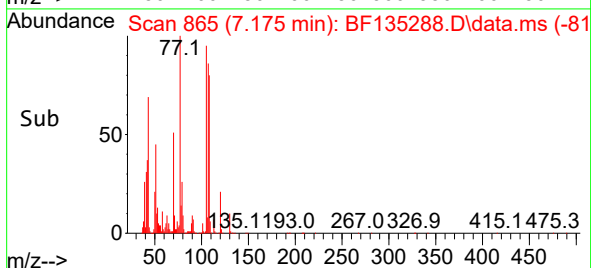
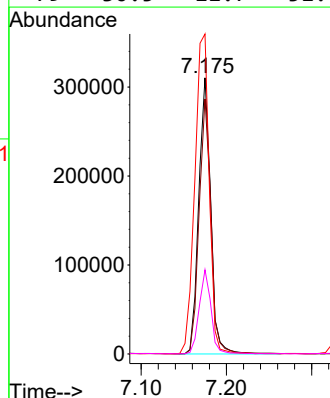
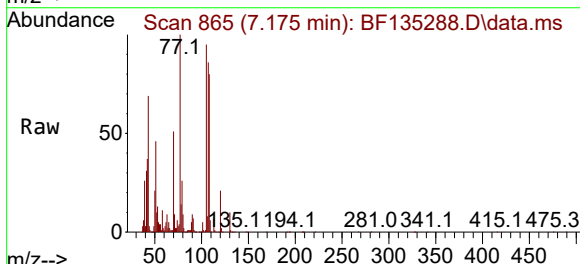
Ion Ratio Lower Upper

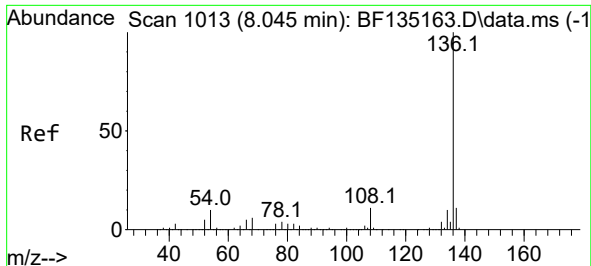
107 100

108 92.4 74.7 114.7

77 115.9 102.0 142.0

79 30.5 11.7 51.7

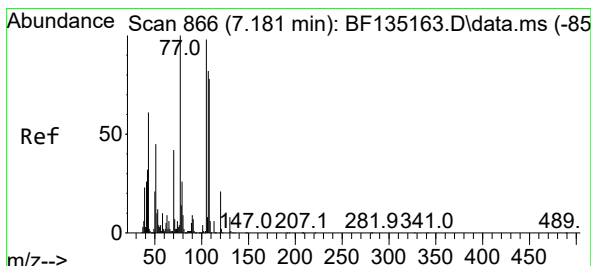
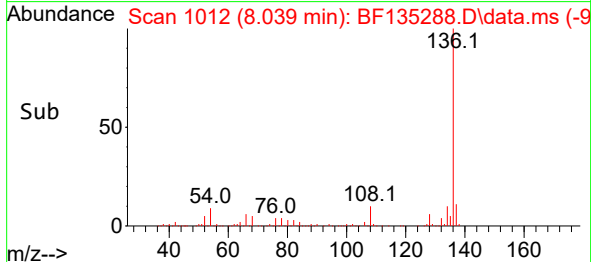
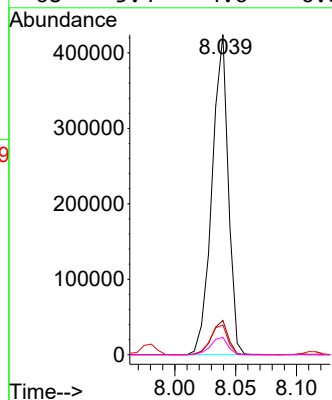
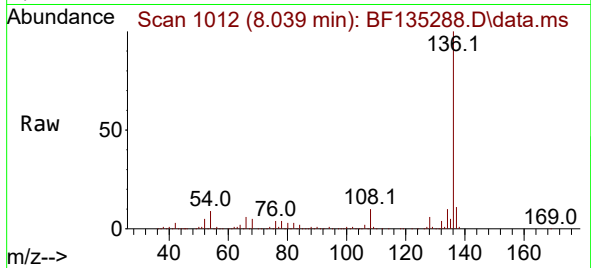




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

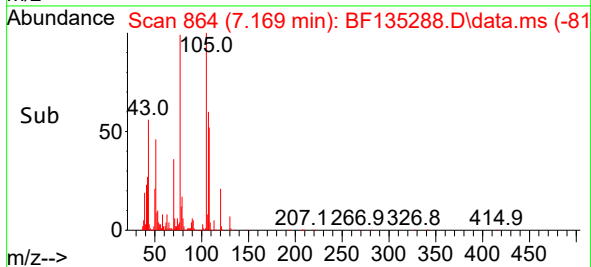
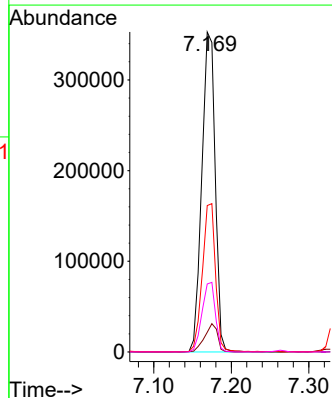
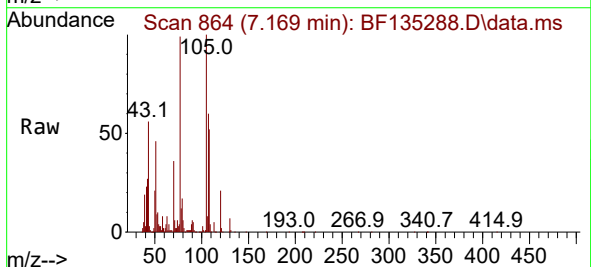
Instrument :
BNA_F
ClientSampleId :
72-11930MS

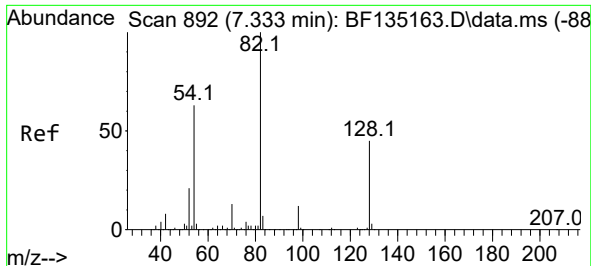
Tgt Ion:136	Resp: 394091
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 9.3	7.7 11.5
68 5.4	4.6 6.8



#22
Acetophenone
Concen: 46.938 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt	Ion:105	Resp:	422908
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.8	8.6
51	45.8	37.0	55.4
120	21.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 63.287 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

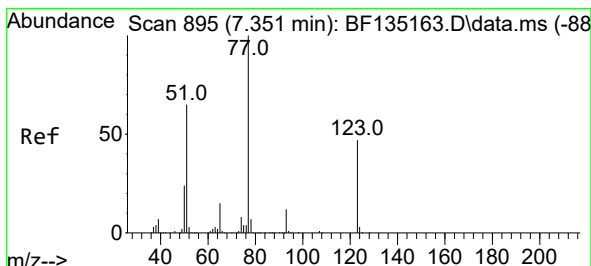
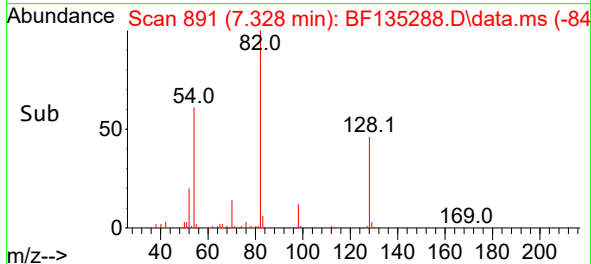
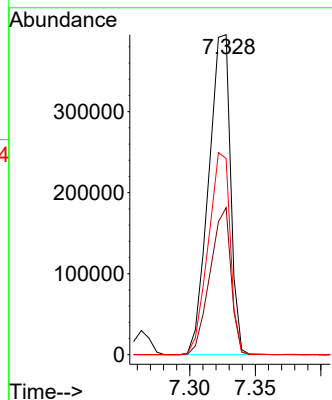
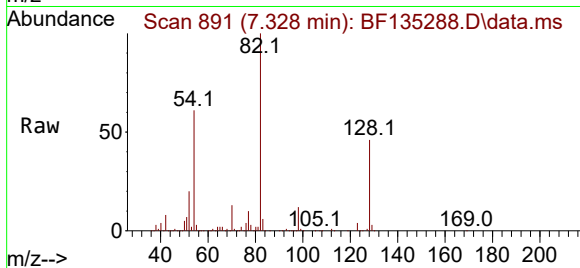
Tgt Ion: 82 Resp: 459069

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.6

54 61.3 50.6 76.0



#24

Nitrobenzene

Concen: 46.001 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

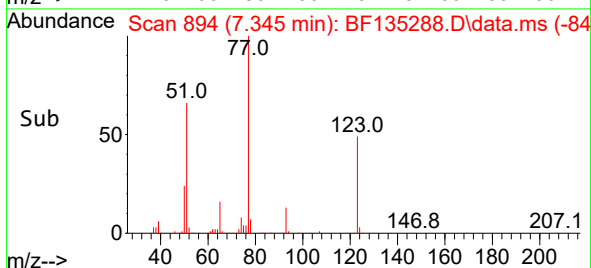
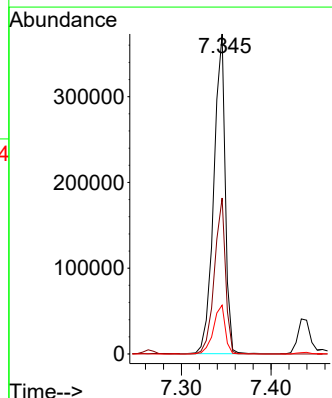
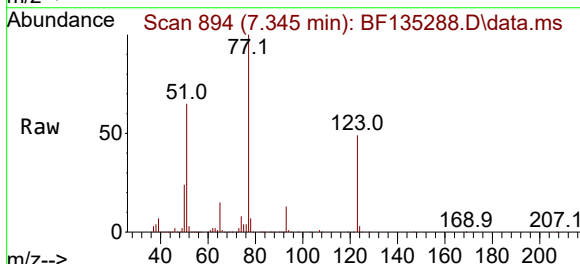
Tgt Ion: 77 Resp: 329807

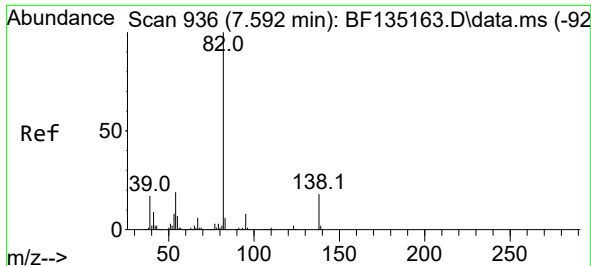
Ion Ratio Lower Upper

77 100

123 48.7 37.6 56.4

65 15.2 12.2 18.4

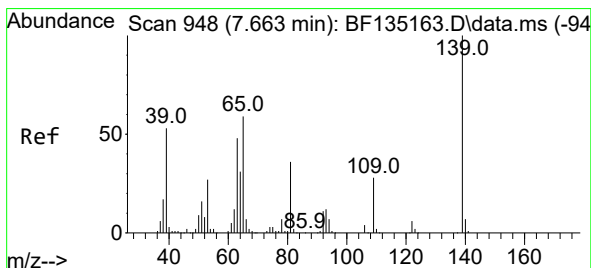
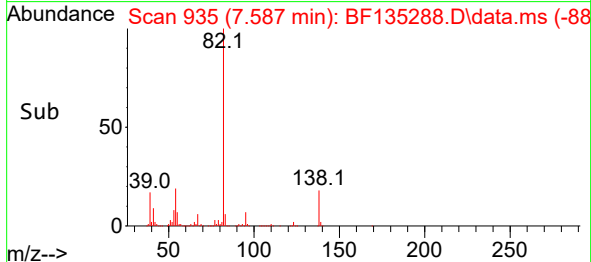
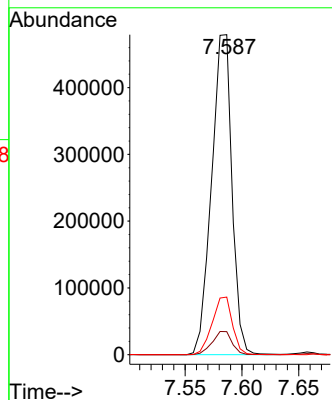
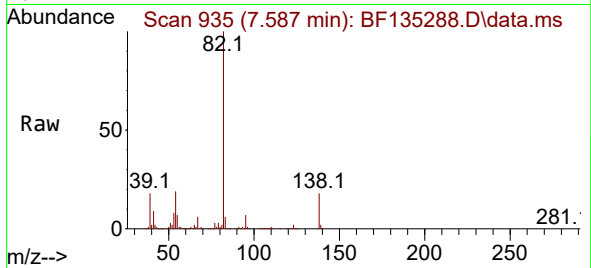




#25
Isophorone
Concen: 45.040 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

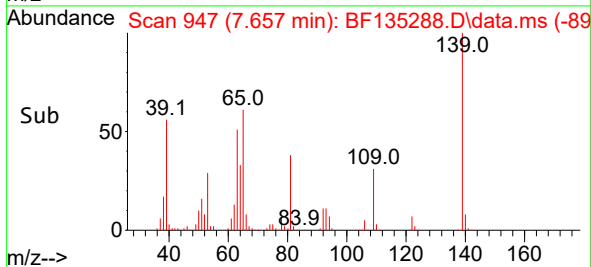
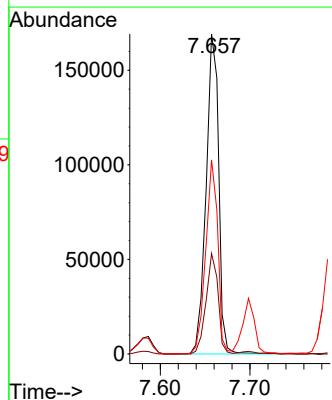
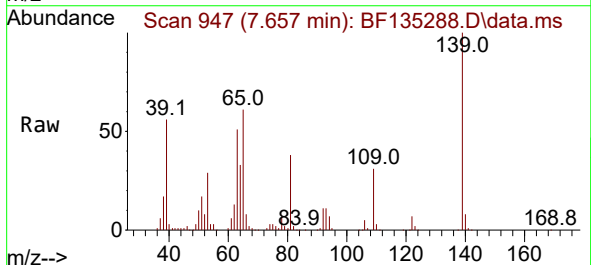
Instrument :
BNA_F
ClientSampleId :
72-11930MS

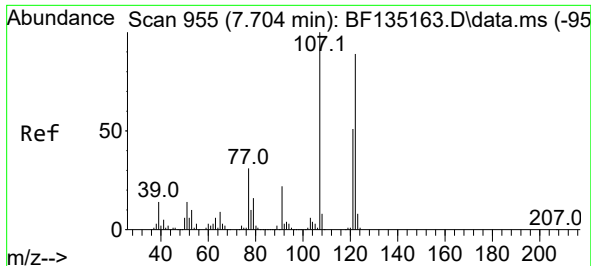
Tgt Ion: 82 Resp: 599928
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.0 14.5 21.7



#26
2-Nitrophenol
Concen: 47.885 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:139 Resp: 164772
Ion Ratio Lower Upper
139 100
109 31.4 22.6 33.8
65 60.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.993 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135288.D

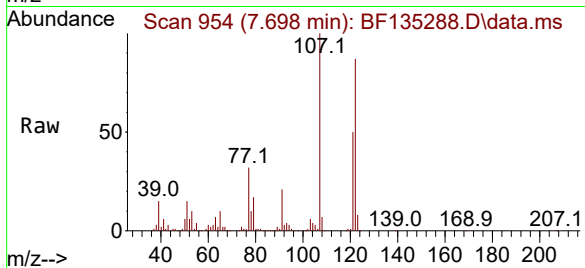
Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS



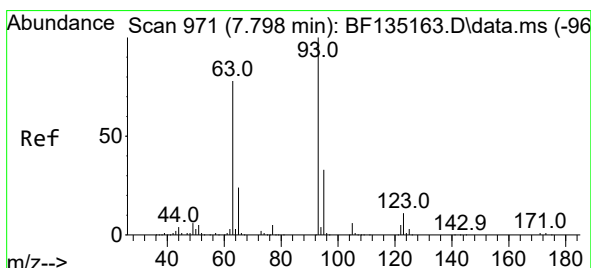
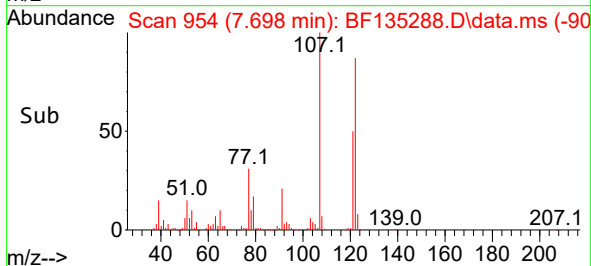
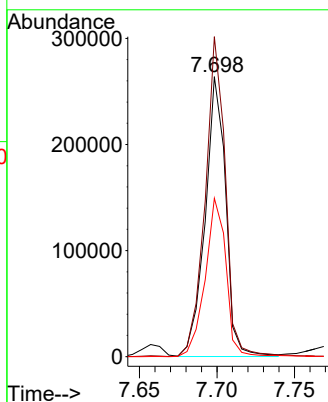
Tgt Ion:122 Resp: 242886

Ion Ratio Lower Upper

122 100

107 114.3 90.2 135.4

121 56.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.625 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

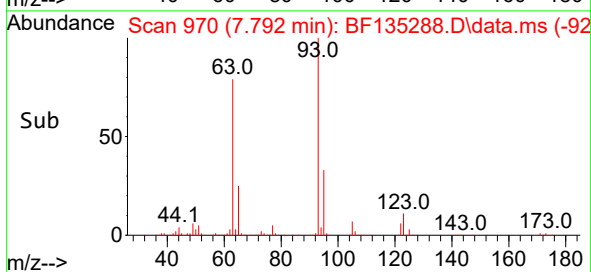
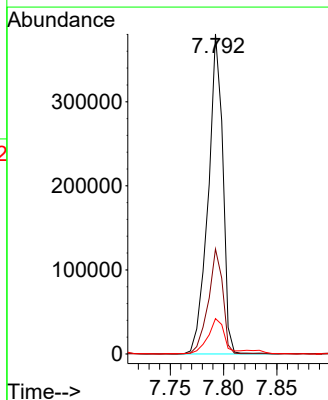
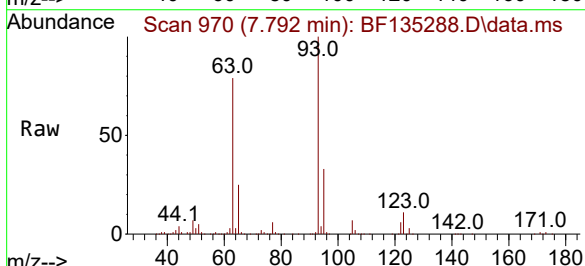
Tgt Ion: 93 Resp: 363735

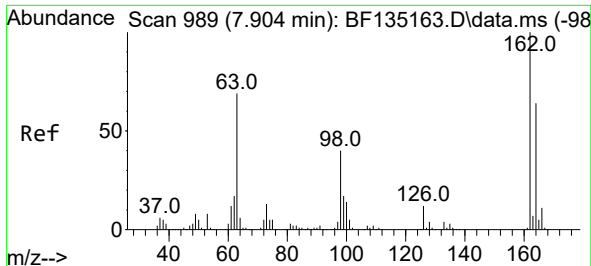
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.1 8.8 13.2

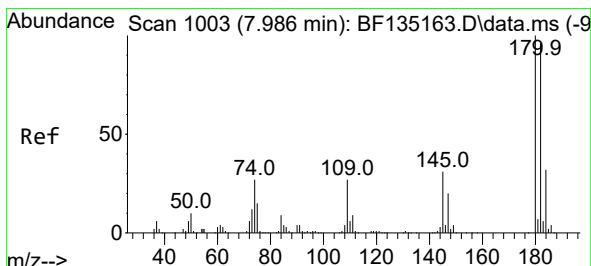
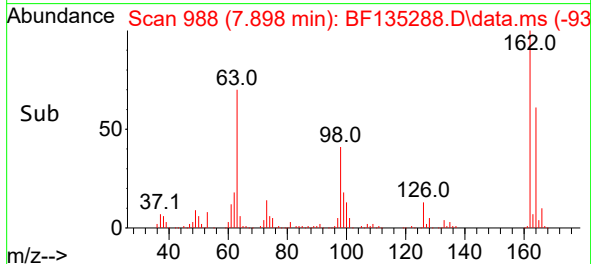
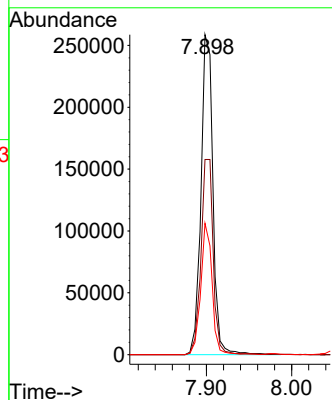
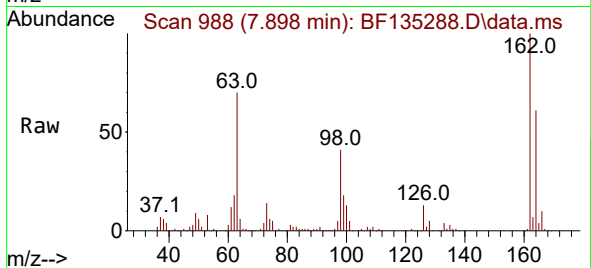




#29
2,4-Dichlorophenol
Concen: 47.137 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

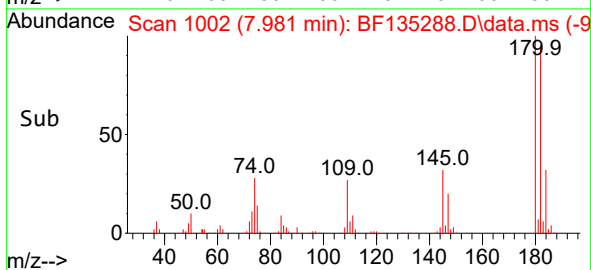
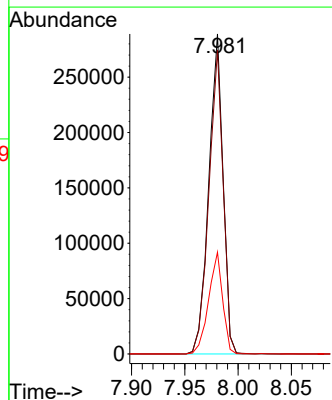
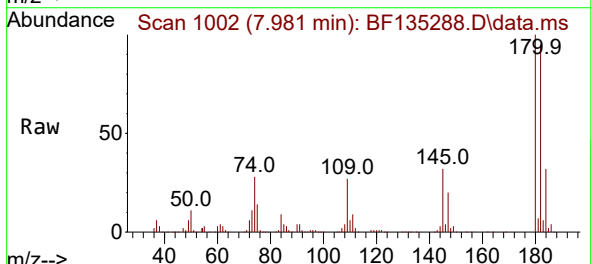
Instrument :
BNA_F
ClientSampleId :
72-11930MS

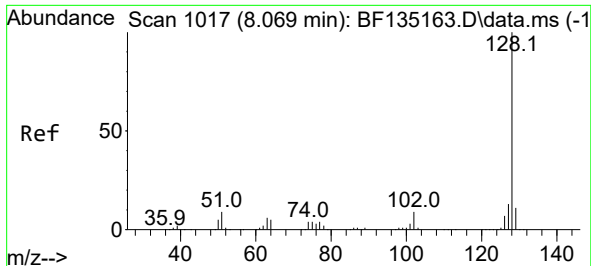
Tgt Ion:162 Resp: 252627
Ion Ratio Lower Upper
162 100
164 61.0 44.1 84.1
98 41.1 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 48.118 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:180 Resp: 269552
Ion Ratio Lower Upper
180 100
182 95.0 76.9 115.3
145 31.8 24.5 36.7

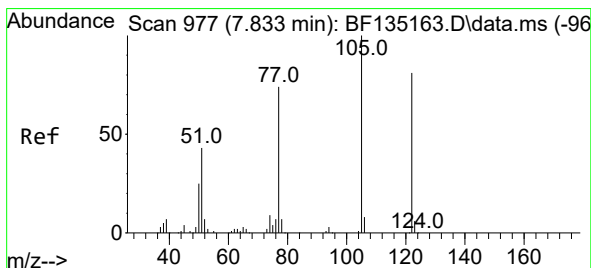
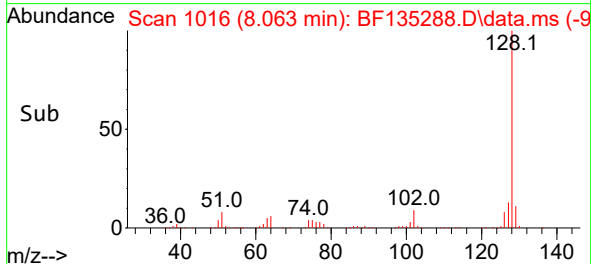
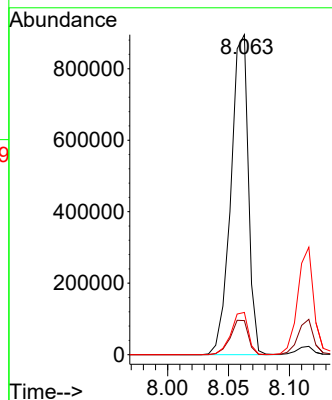
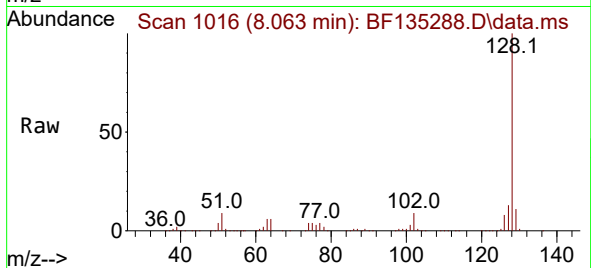




#31
Naphthalene
Concen: 46.593 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

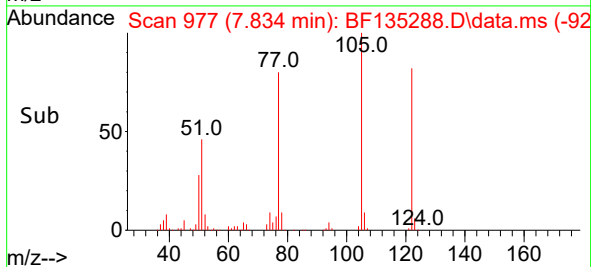
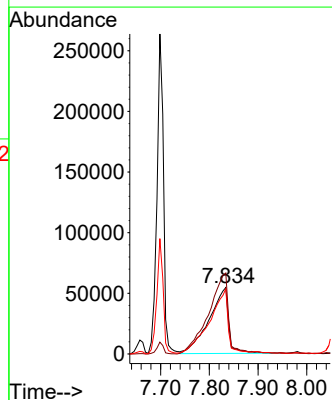
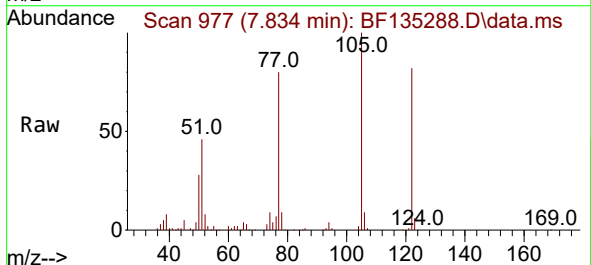
Instrument :
BNA_F
ClientSampleId :
72-11930MS

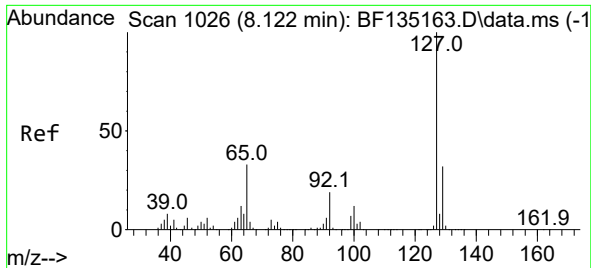
Tgt Ion:128 Resp: 892140
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 35.319 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:122 Resp: 153826
Ion Ratio Lower Upper
122 100
105 121.7 99.9 139.9
77 97.8 70.0 110.0





#33

4-Chloroaniline

Concen: 33.868 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

Tgt Ion:127 Resp: 284525

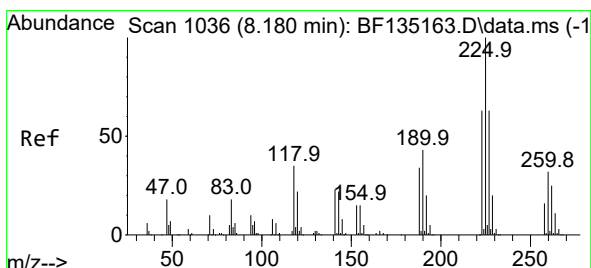
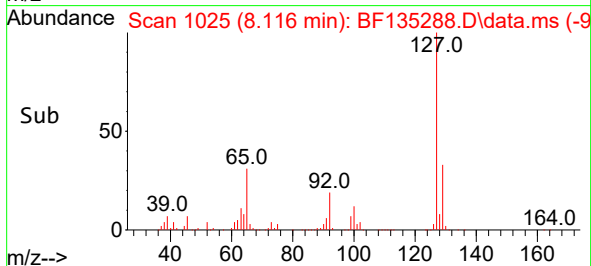
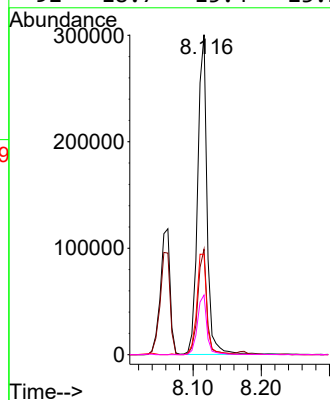
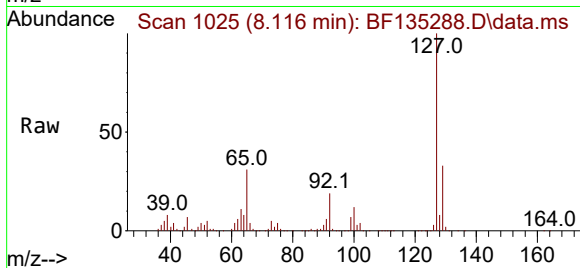
Ion Ratio Lower Upper

127 100

129 32.9 25.8 38.8

65 31.4 26.6 39.8

92 18.7 15.4 23.2



#34

Hexachlorobutadiene

Concen: 48.506 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

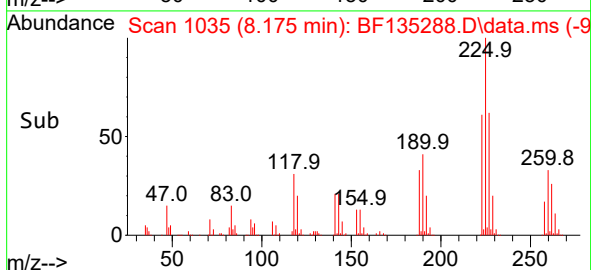
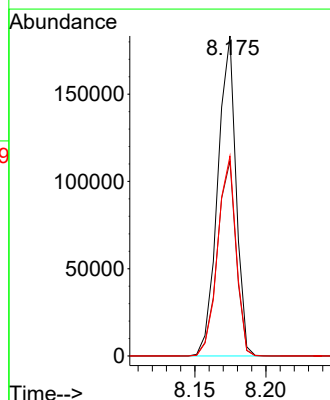
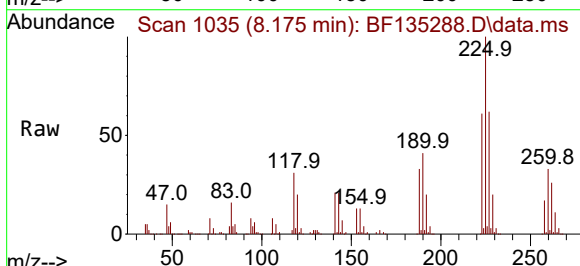
Tgt Ion:225 Resp: 163845

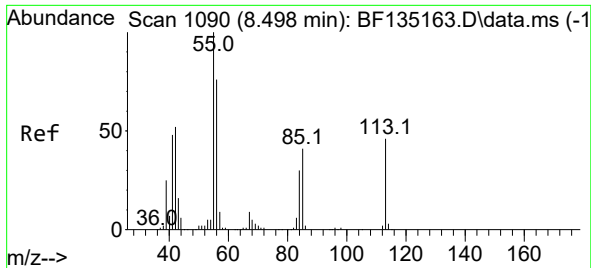
Ion Ratio Lower Upper

225 100

223 60.9 50.6 75.8

227 62.4 50.8 76.2

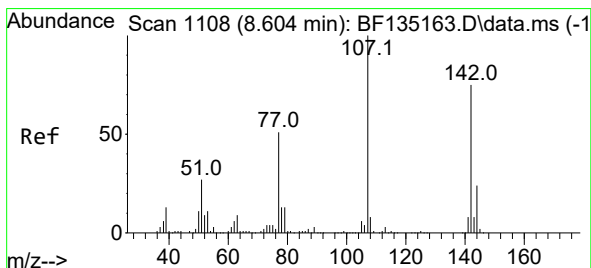
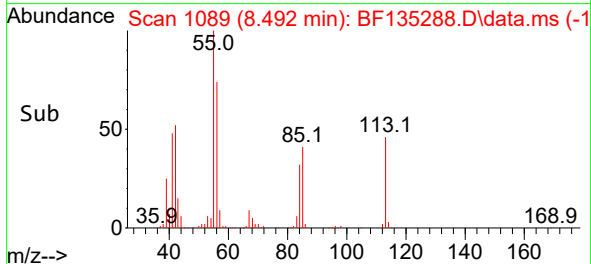
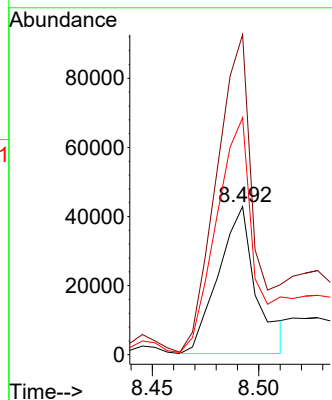
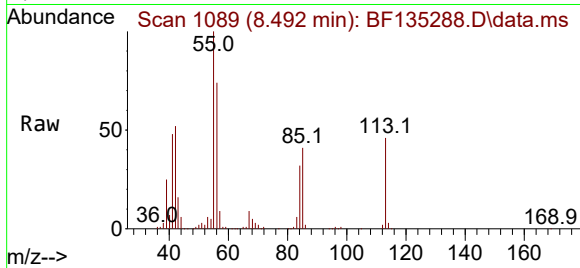




#35
Caprolactam
Concen: 29.241 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

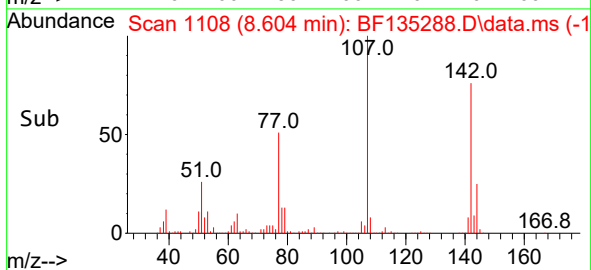
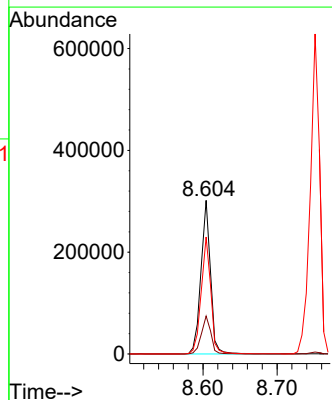
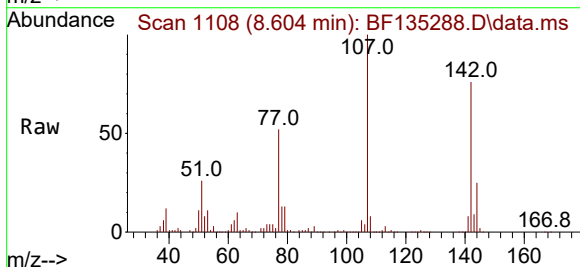
Instrument :
BNA_F
ClientSampleId :
72-11930MS

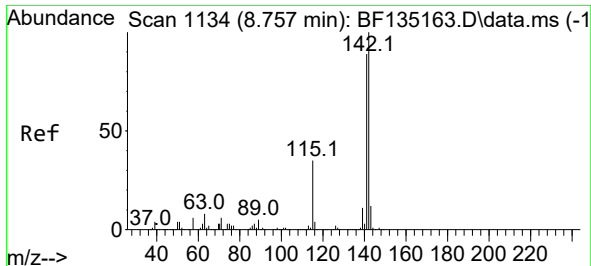
Tgt Ion:113 Resp: 52596
Ion Ratio Lower Upper
113 100
55 216.0 199.3 239.3
56 160.0 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 45.636 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:107 Resp: 271839
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.4
142 76.2 60.2 90.2

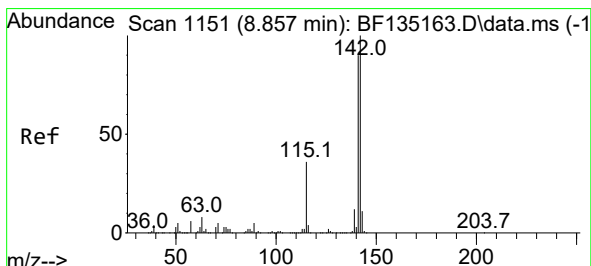
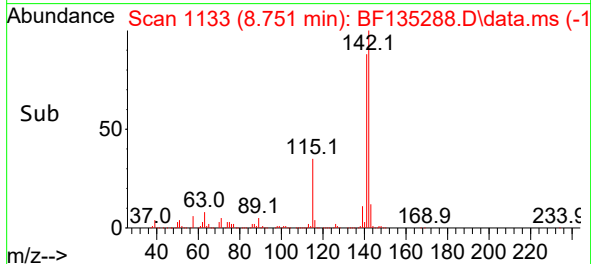
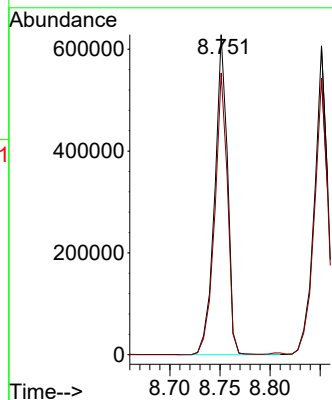
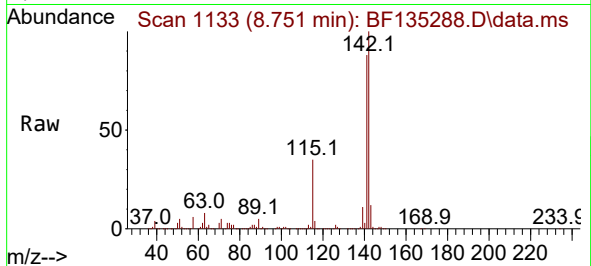




#37
2-Methylnaphthalene
Concen: 43.183 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

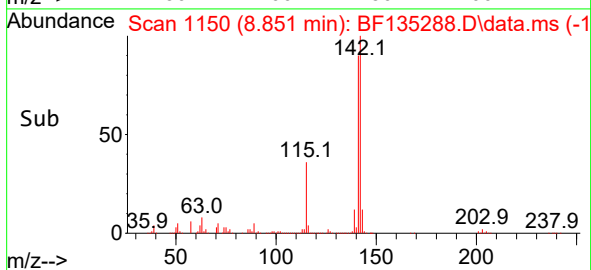
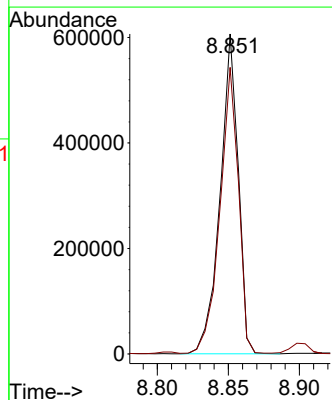
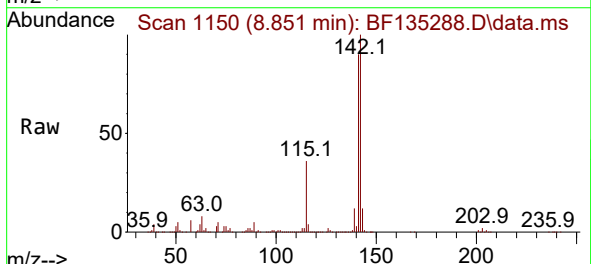
Instrument :
BNA_F
ClientSampleId :
72-11930MS

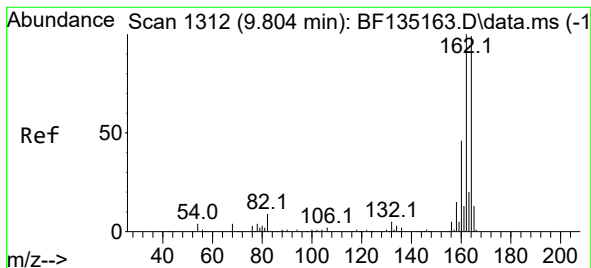
Tgt Ion:142 Resp: 555815
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6



#38
1-Methylnaphthalene
Concen: 44.461 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:142 Resp: 535774
Ion Ratio Lower Upper
142 100
141 89.6 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

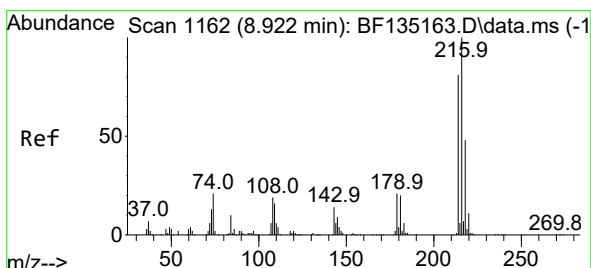
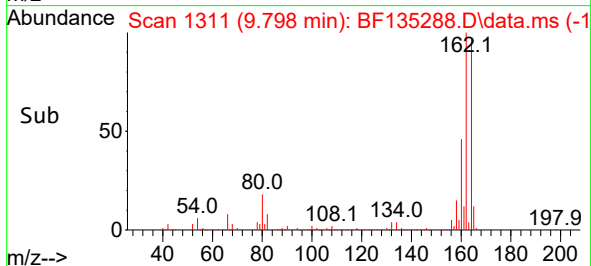
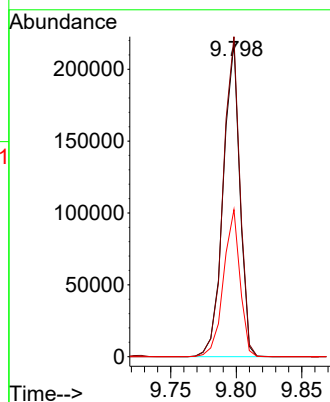
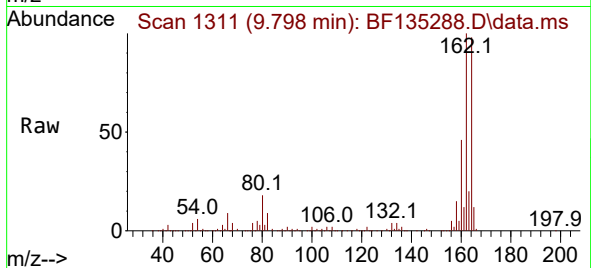
Tgt Ion:164 Resp: 192326

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 46.8 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.633 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Tgt Ion:216 Resp: 270978

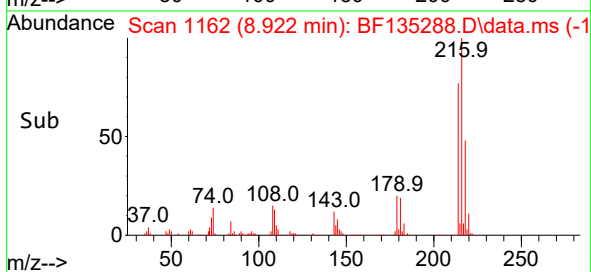
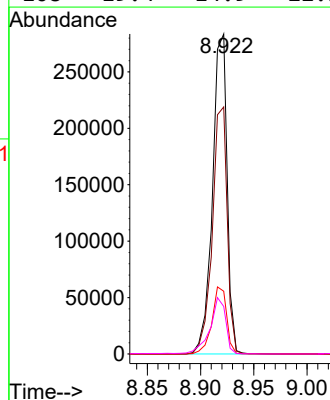
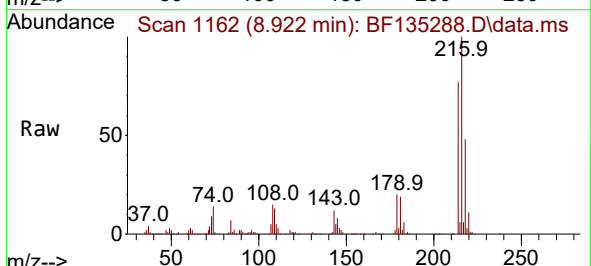
Ion Ratio Lower Upper

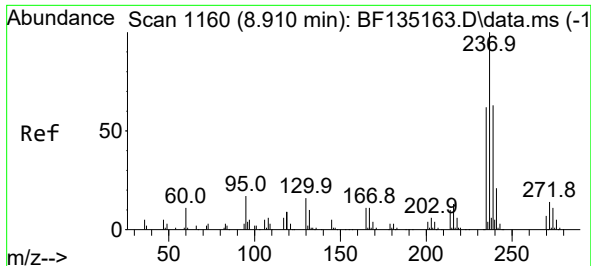
216 100

214 78.5 63.7 95.5

179 21.0 16.7 25.1

108 19.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 66.487 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

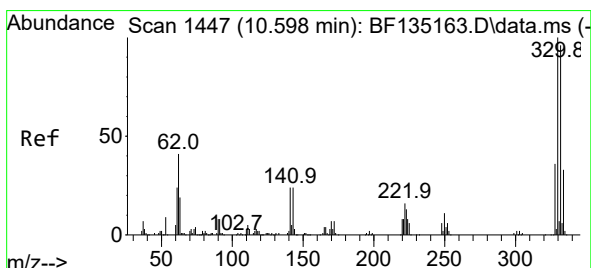
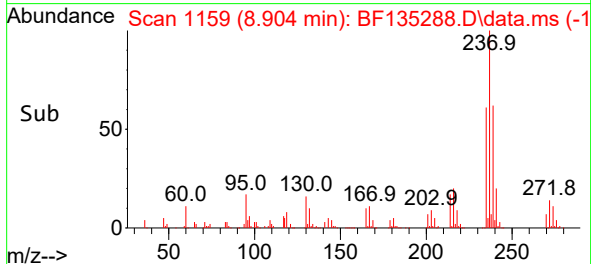
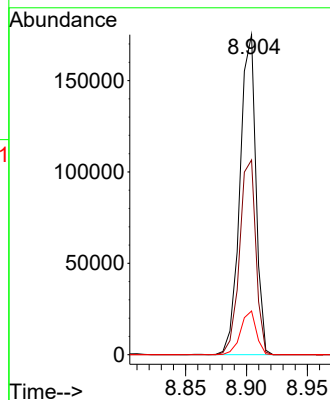
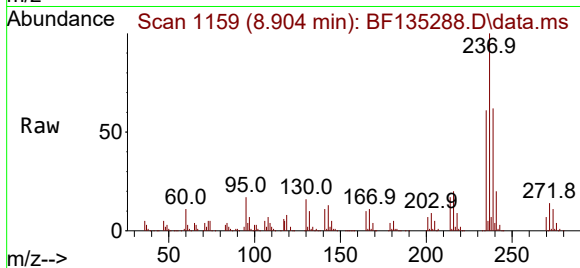
Tgt Ion:237 Resp: 159859

Ion Ratio Lower Upper

237 100

235 60.8 41.8 81.8

272 13.7 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 87.970 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

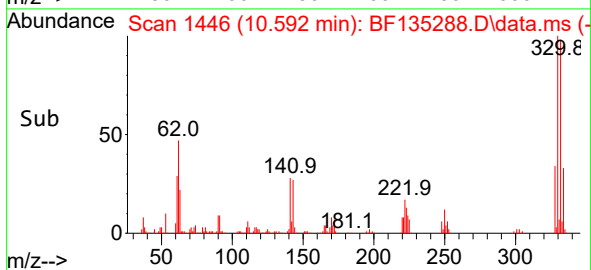
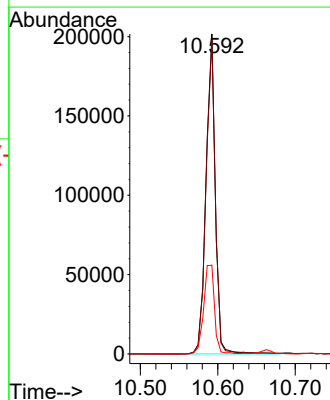
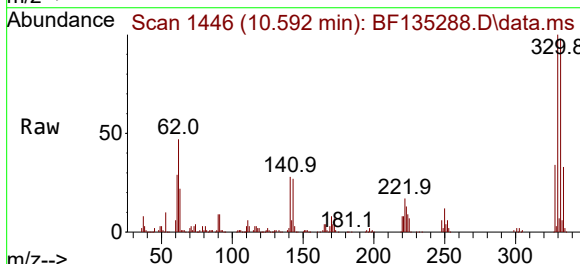
Tgt Ion:330 Resp: 168134

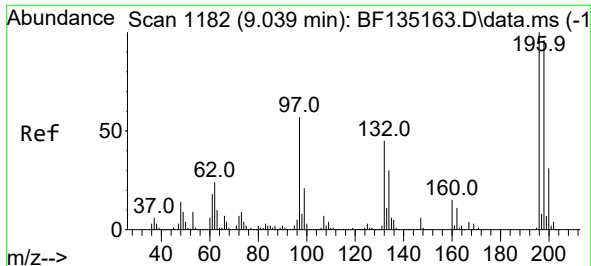
Ion Ratio Lower Upper

330 100

332 98.8 77.3 115.9

141 32.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.778 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

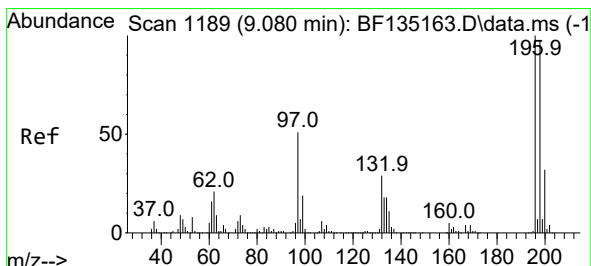
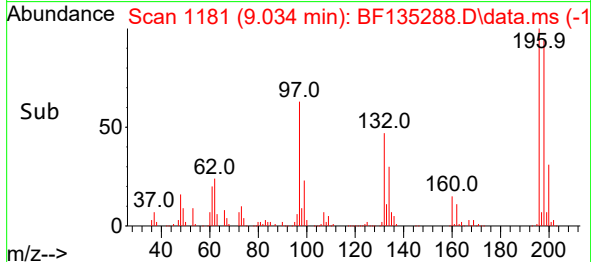
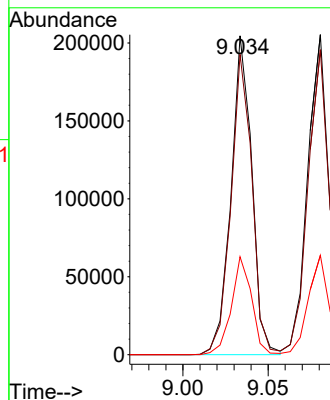
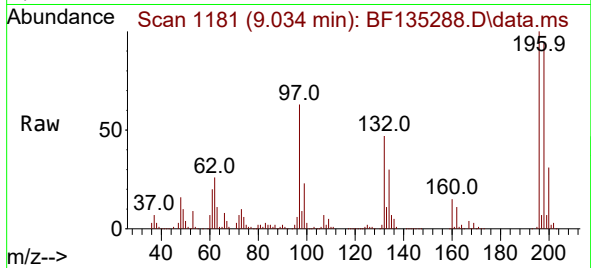
Tgt Ion:196 Resp: 174300

Ion Ratio Lower Upper

196 100

198 94.2 77.0 115.6

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.052 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Tgt Ion:196 Resp: 185071

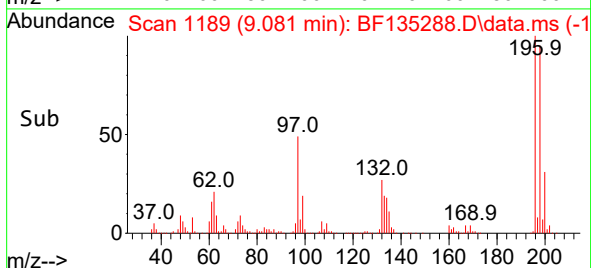
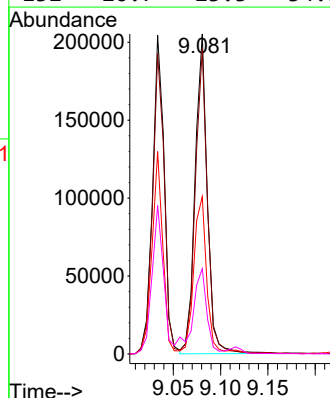
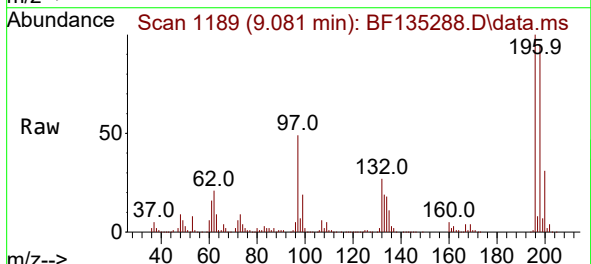
Ion Ratio Lower Upper

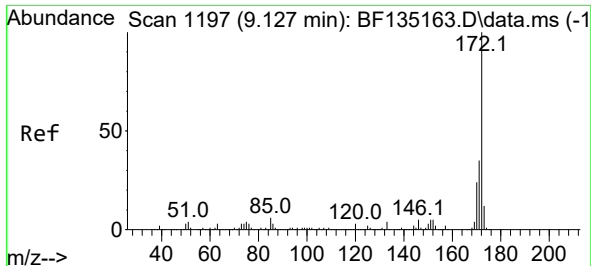
196 100

198 95.3 77.5 116.3

97 49.2 40.5 60.7

132 26.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 64.926 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

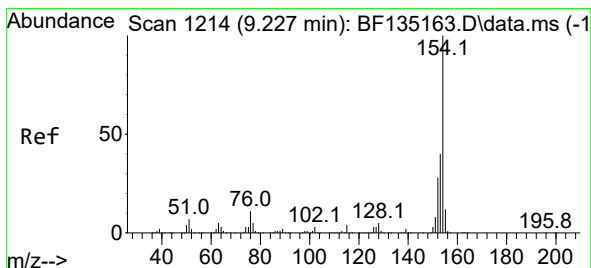
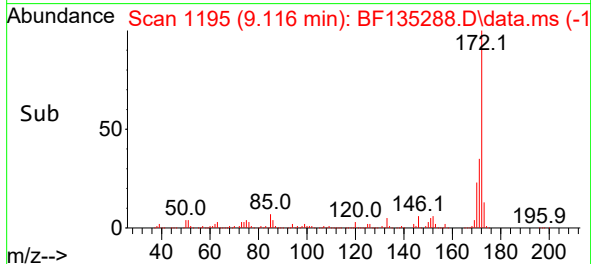
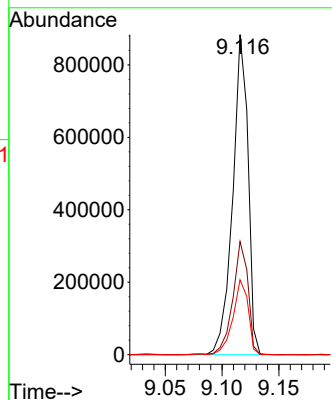
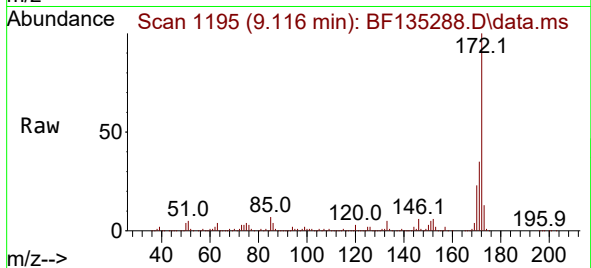
Tgt Ion:172 Resp: 827656

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.387 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

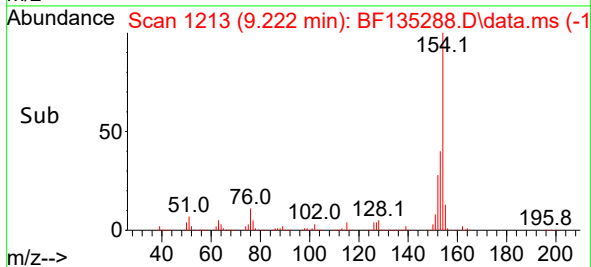
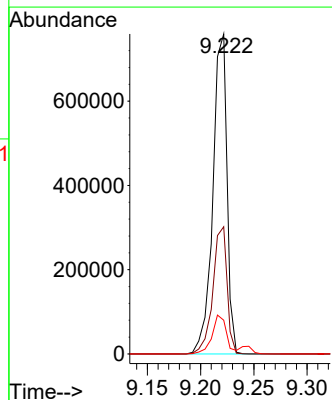
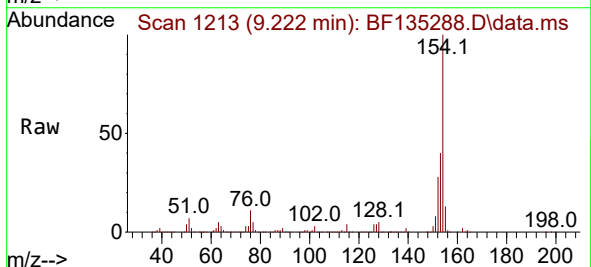
Tgt Ion:154 Resp: 700382

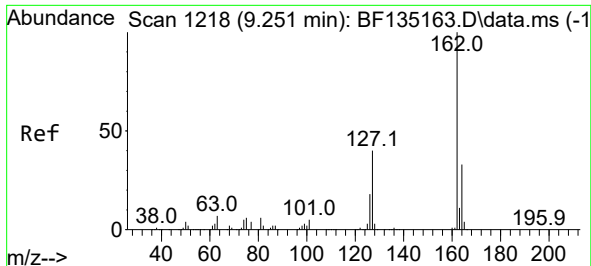
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 10.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 48.620 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

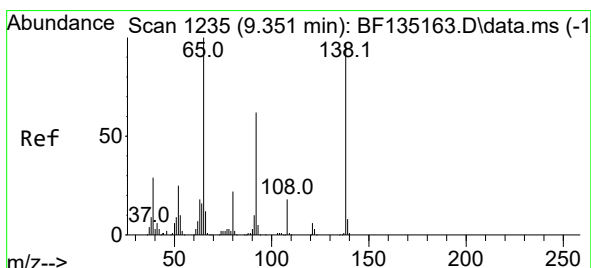
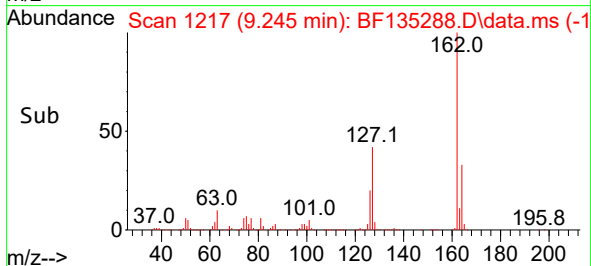
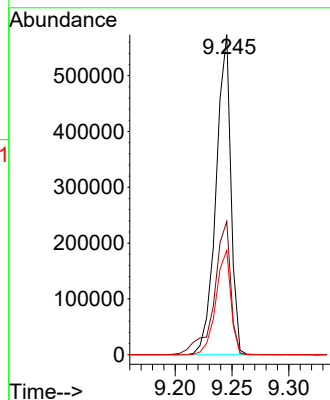
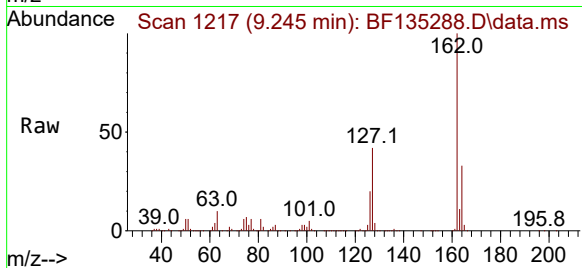
Tgt Ion:162 Resp: 521390

Ion Ratio Lower Upper

162 100

127 41.6 32.6 48.8

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 46.895 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

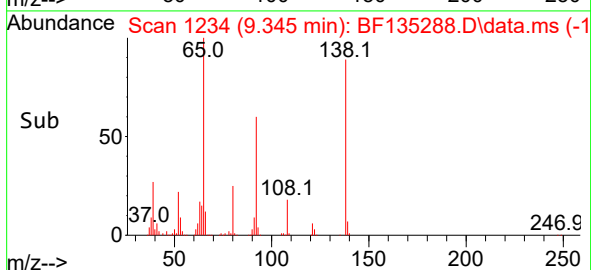
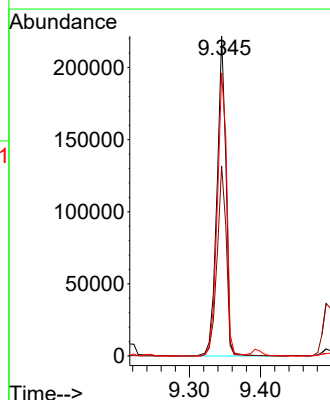
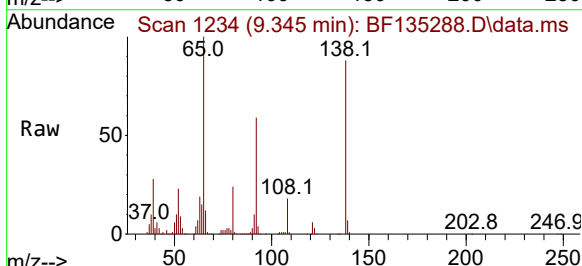
Tgt Ion: 65 Resp: 195371

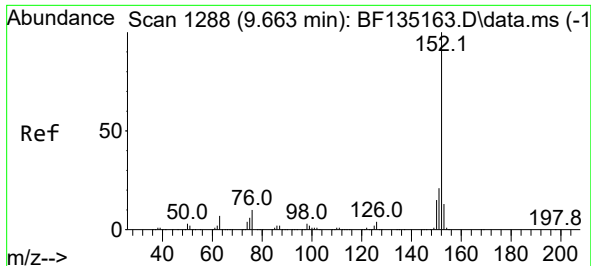
Ion Ratio Lower Upper

65 100

92 59.4 49.4 74.0

138 88.4 77.4 116.0

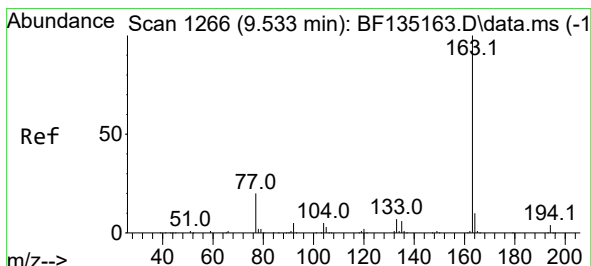
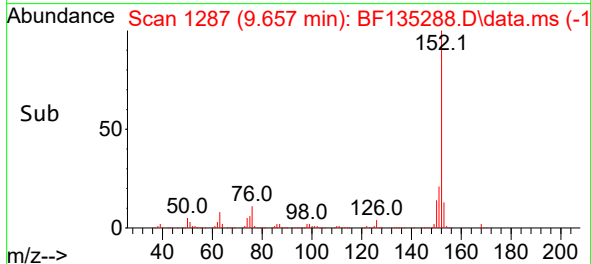
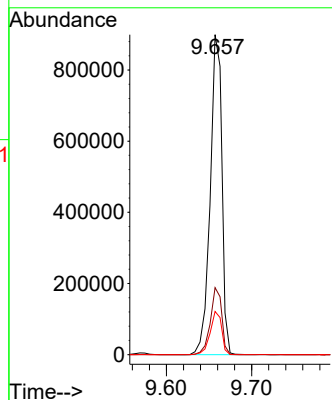
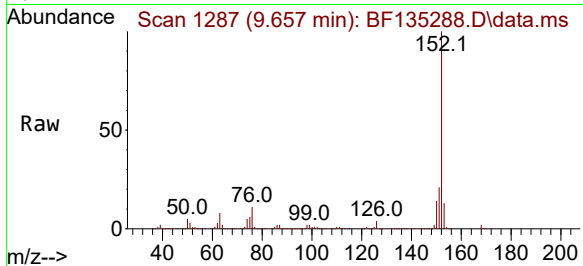




#49
Acenaphthylene
Concen: 48.099 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

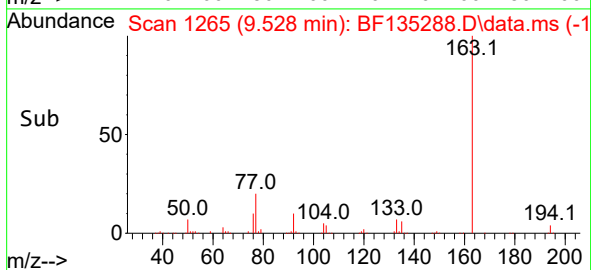
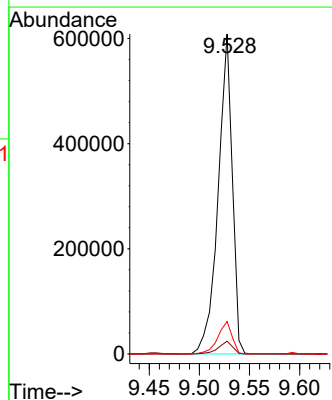
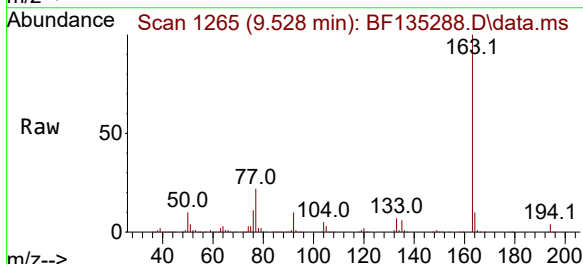
Instrument :
BNA_F
ClientSampleId :
72-11930MS

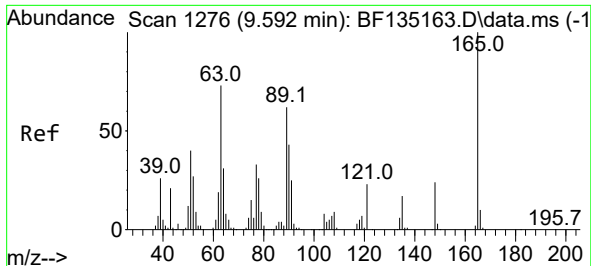
Tgt Ion:152 Resp: 857228
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 45.869 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:163 Resp: 596442
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.347 ng

RT: 9.592 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

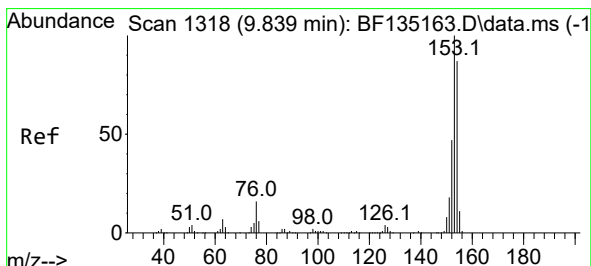
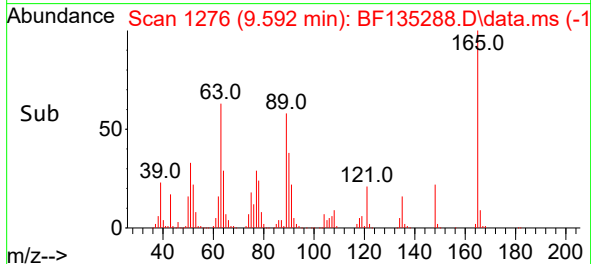
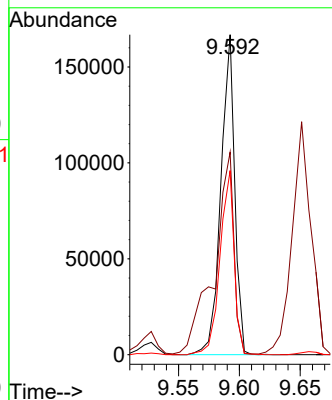
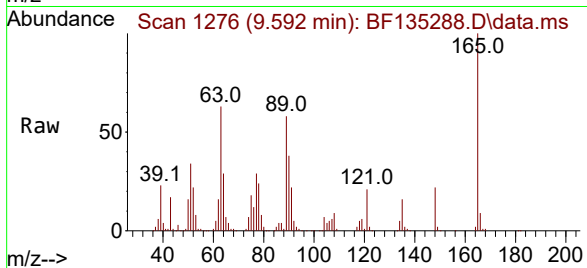
Tgt Ion:165 Resp: 132022

Ion Ratio Lower Upper

165 100

63 63.3 59.4 89.2

89 57.6 49.8 74.8



#52

Acenaphthene

Concen: 46.410 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

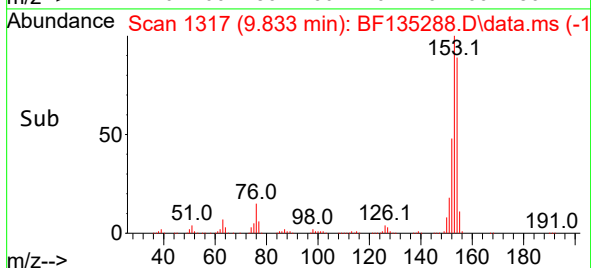
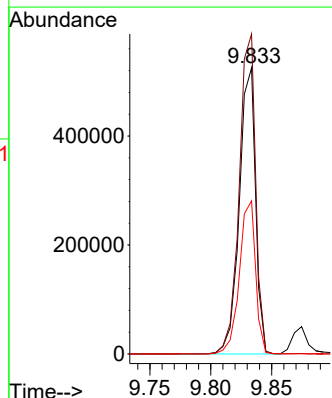
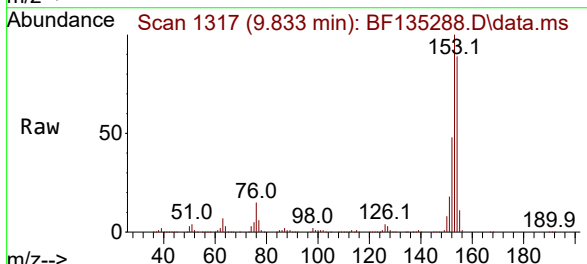
Tgt Ion:154 Resp: 488622

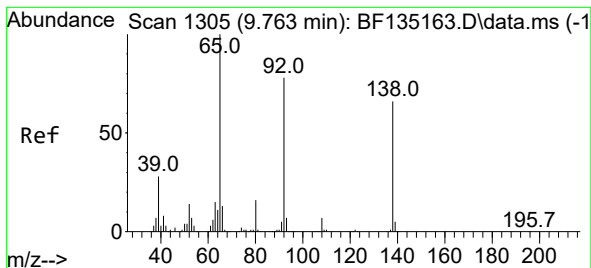
Ion Ratio Lower Upper

154 100

153 111.8 92.1 138.1

152 53.5 43.1 64.7





#53

3-Nitroaniline

Concen: 37.081 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

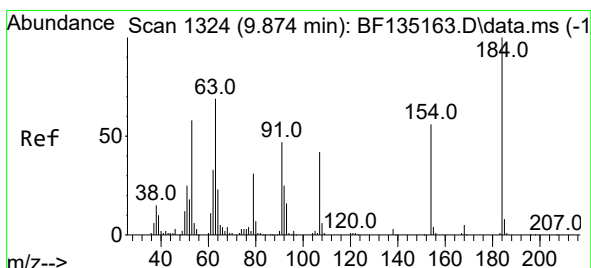
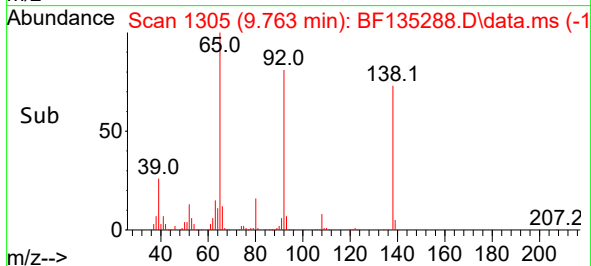
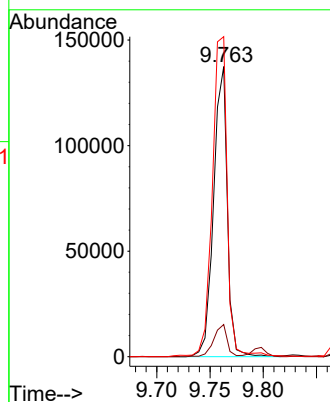
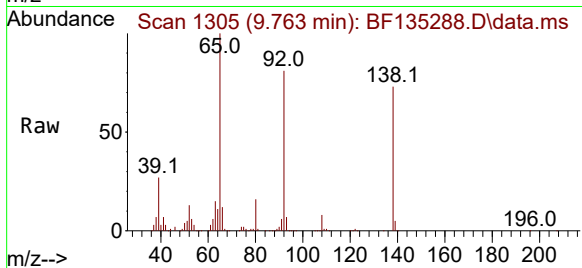
Tgt Ion:138 Resp: 123990

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

92 110.3 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 47.855 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.001 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

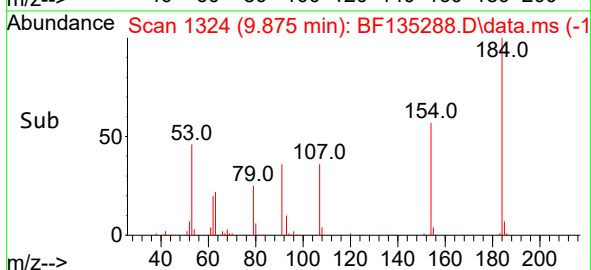
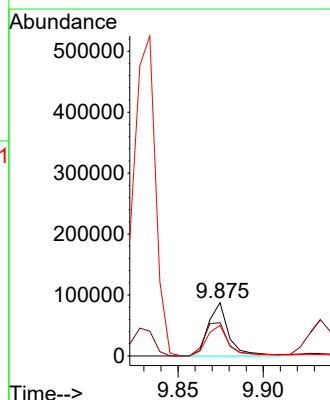
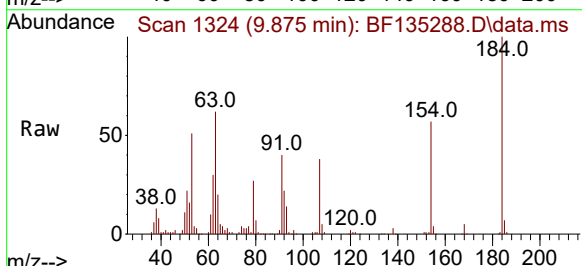
Tgt Ion:184 Resp: 72983

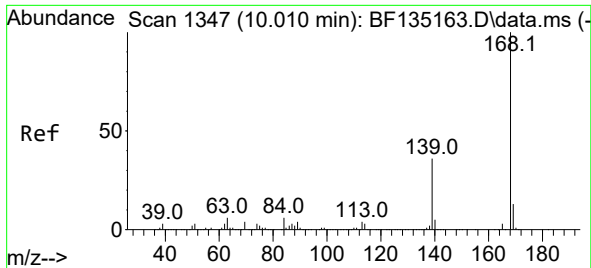
Ion Ratio Lower Upper

184 100

63 62.5 55.1 82.7

154 57.4 48.4 72.6

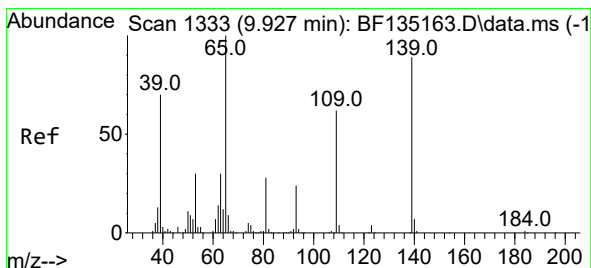
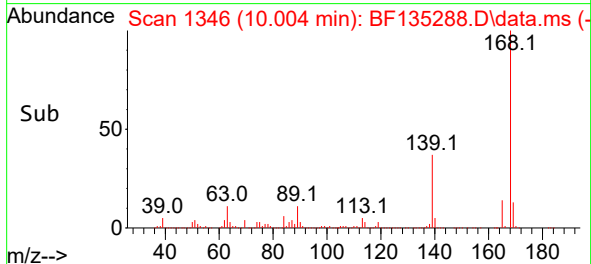
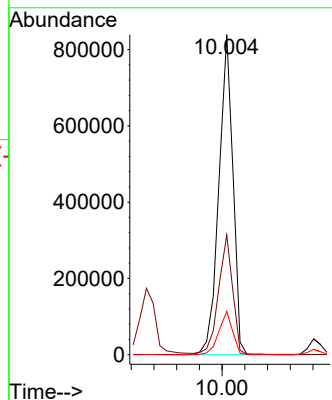
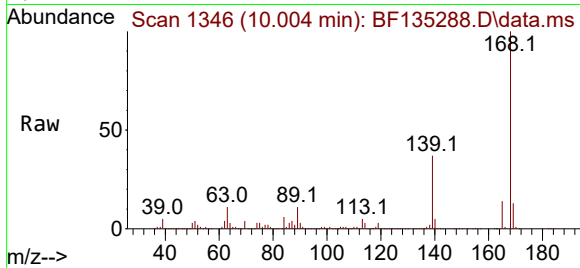




#55
Dibenzenofuran
Concen: 44.883 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

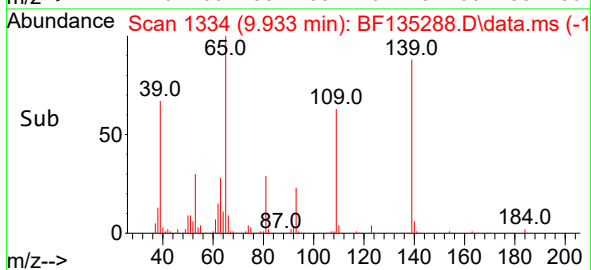
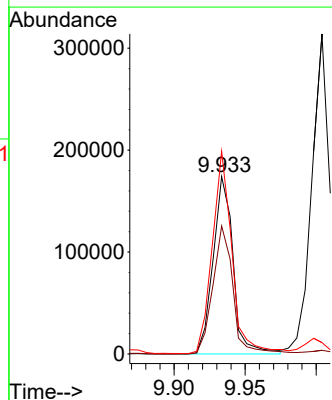
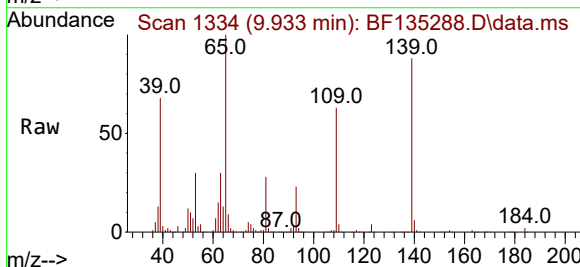
Instrument :
BNA_F
ClientSampleId :
72-11930MS

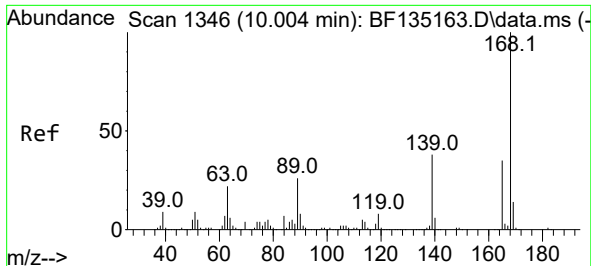
Tgt Ion:168 Resp: 721086
Ion Ratio Lower Upper
168 100
139 37.4 29.0 43.6
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 80.163 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:139 Resp: 170356
Ion Ratio Lower Upper
139 100
109 72.1 49.8 89.8
65 114.3 92.7 132.7

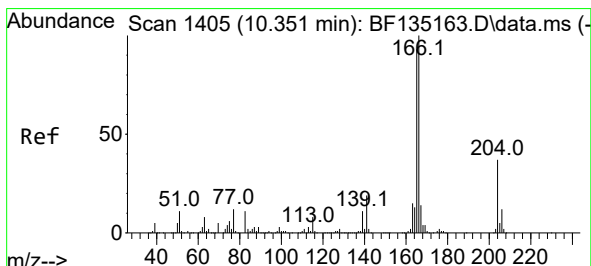
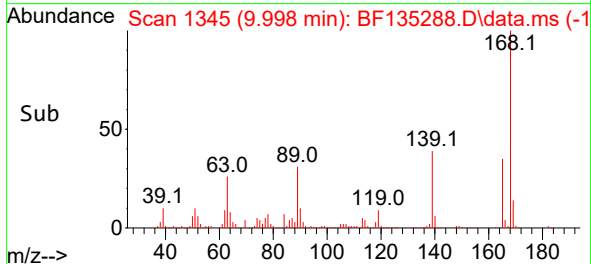
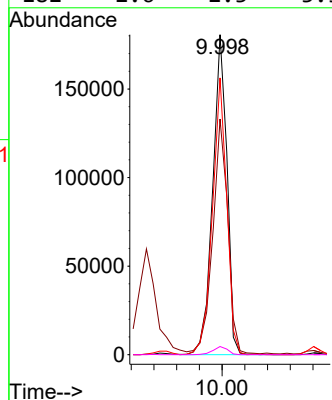
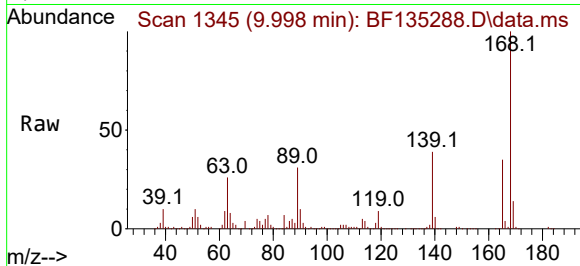




#57
2,4-Dinitrotoluene
Concen: 44.019 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

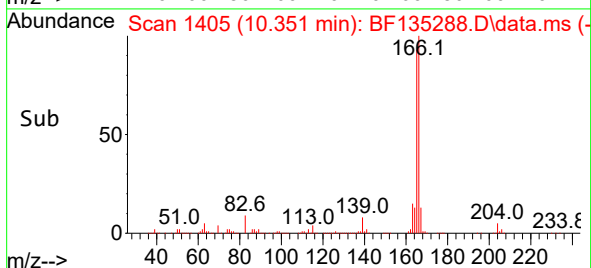
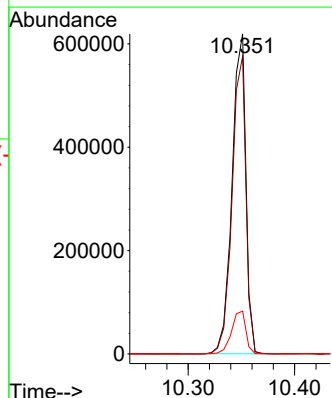
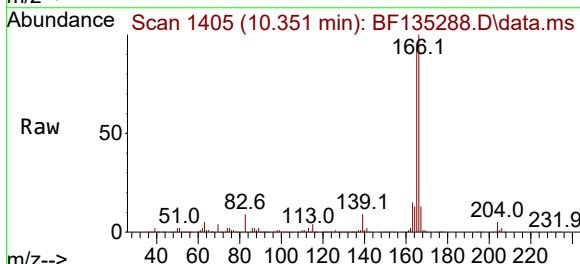
Instrument :
BNA_F
ClientSampleId :
72-11930MS

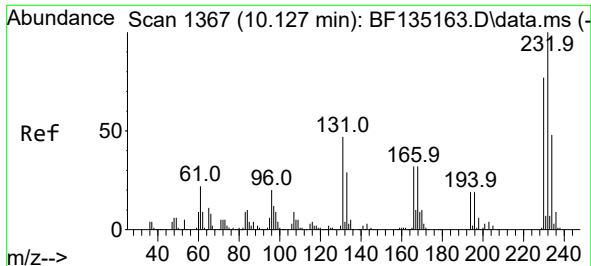
Tgt Ion:165 Resp: 156979
Ion Ratio Lower Upper
165 100
63 73.6 50.1 75.1
89 86.5 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 45.219 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:166 Resp: 558492
Ion Ratio Lower Upper
166 100
165 93.0 74.3 111.5
167 13.4 10.9 16.3

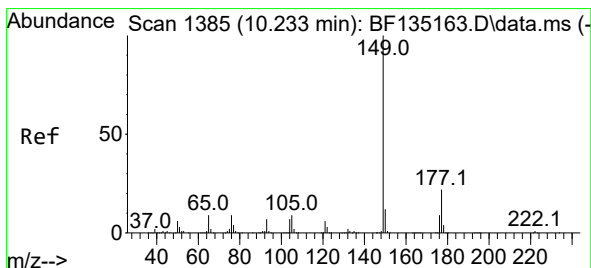
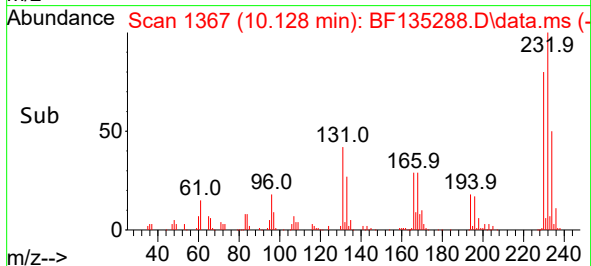
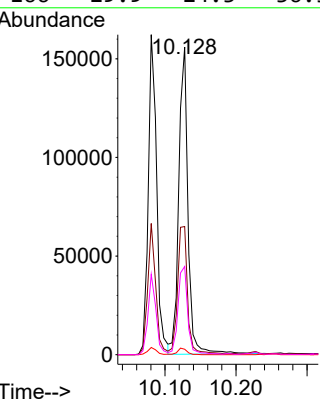
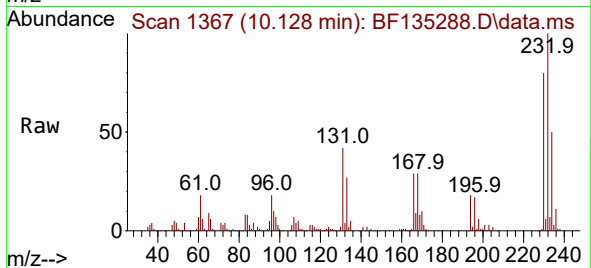




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.211 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

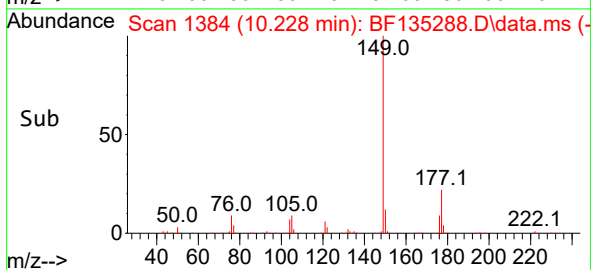
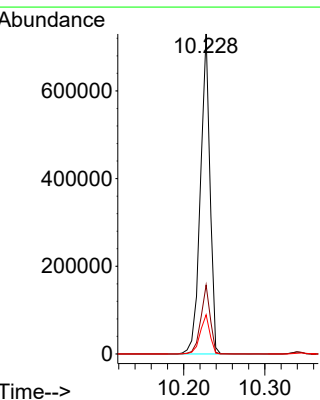
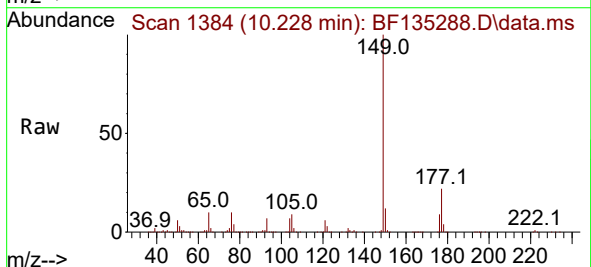
Instrument :
BNA_F
ClientSampleId :
72-11930MS

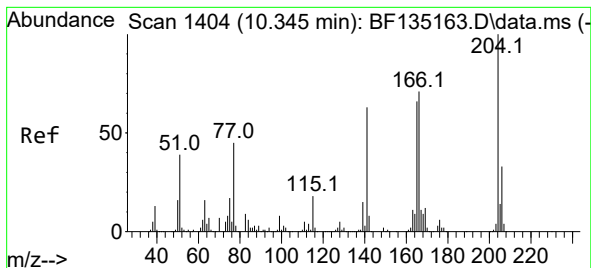
Tgt Ion:232 Resp: 139647
Ion Ratio Lower Upper
232 100
131 45.0 35.4 53.2
130 2.1 1.8 2.8
166 29.9 24.3 36.5



#60
Diethylphthalate
Concen: 45.443 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:149 Resp: 593024
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.3 10.0 15.0

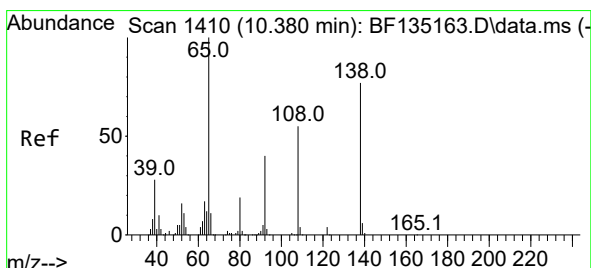
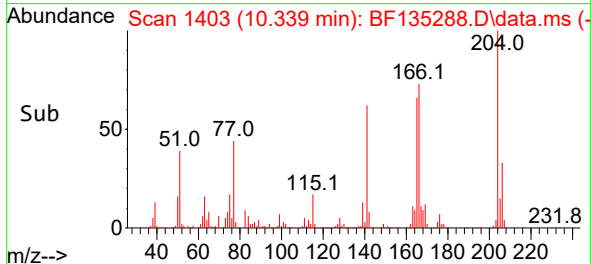
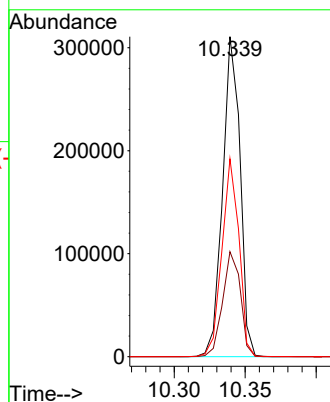
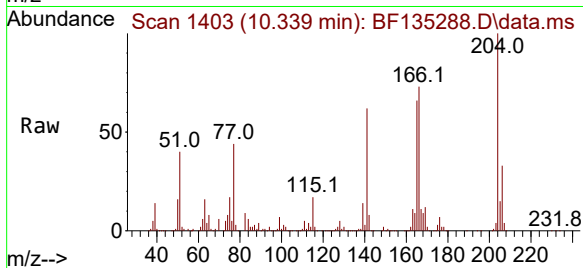




#61
4-Chlorophenyl-phenylether
Concen: 44.590 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

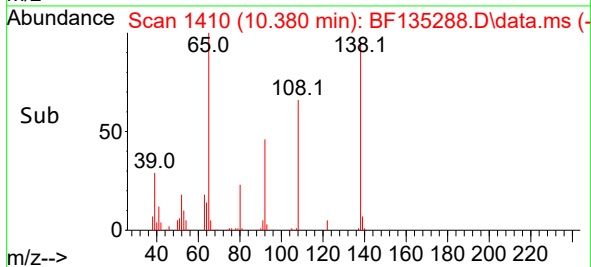
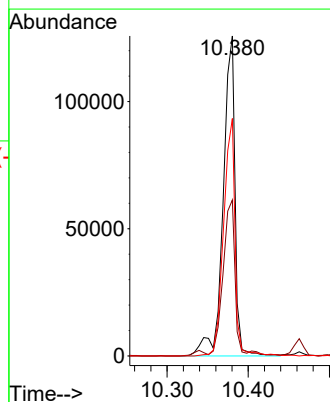
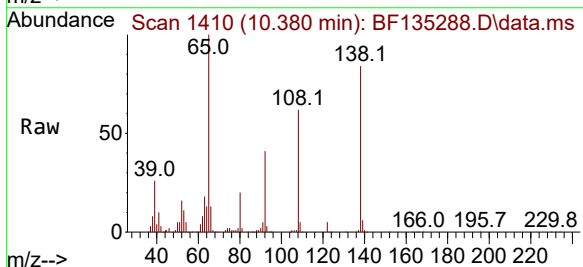
Instrument :
BNA_F
ClientSampleId :
72-11930MS

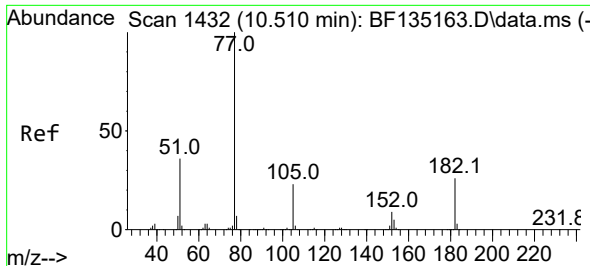
Tgt Ion:204 Resp: 264553
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 61.9 50.6 75.8



#62
4-Nitroaniline
Concen: 40.151 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:138 Resp: 129052
Ion Ratio Lower Upper
138 100
92 48.8 31.8 71.8
108 74.2 52.0 92.0

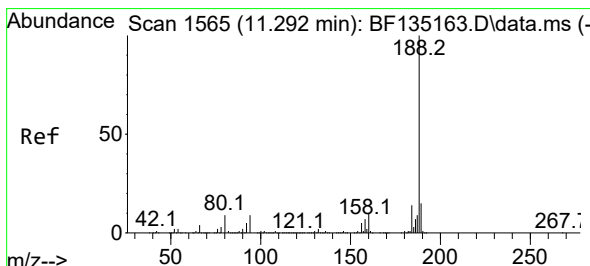
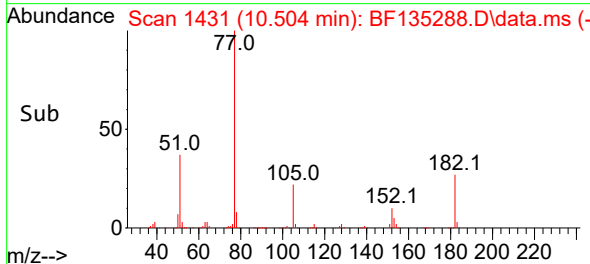
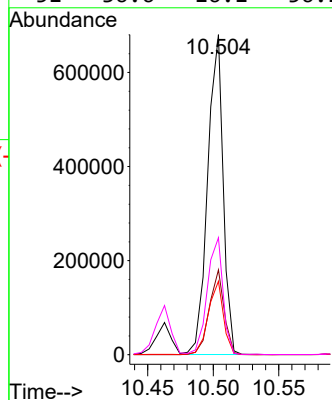
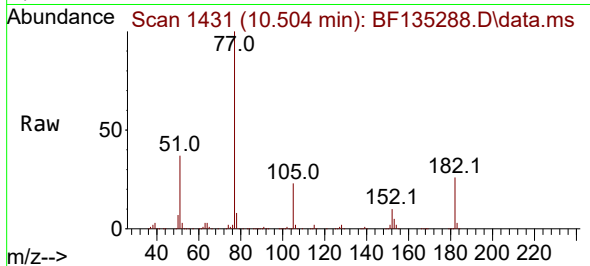




#63
Azobenzene
Concen: 43.911 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

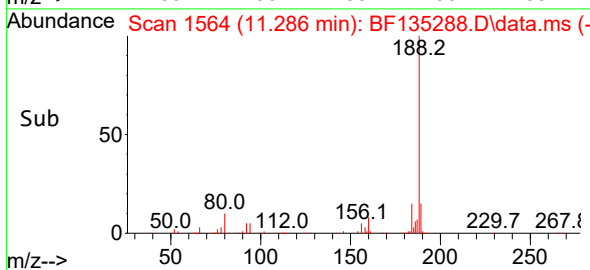
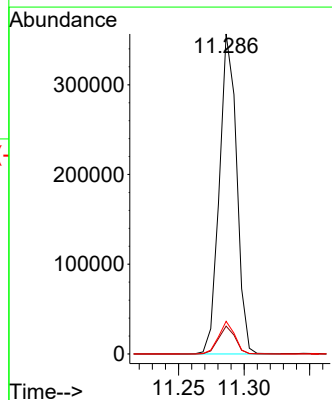
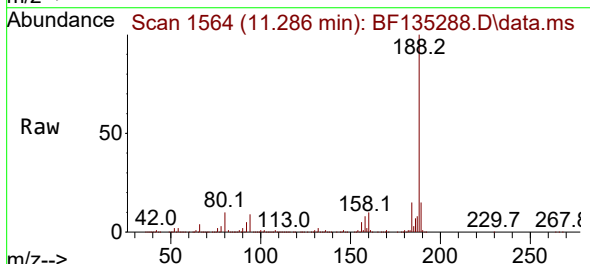
Instrument :
BNA_F
ClientSampleId :
72-11930MS

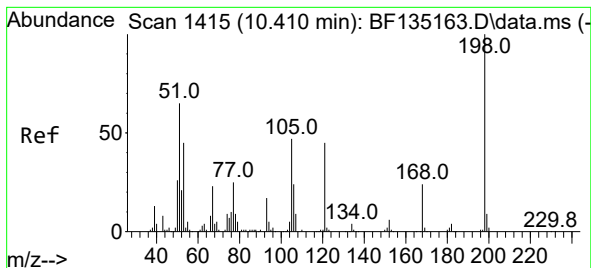
Tgt Ion: 77	Resp: 560830
Ion Ratio	Lower Upper
77 100	
182 26.5	6.4 46.4
105 22.9	3.1 43.1
51 36.6	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:188	Resp: 326429
Ion Ratio	Lower Upper
188 100	
94 8.7	7.0 10.6
80 10.2	7.5 11.3

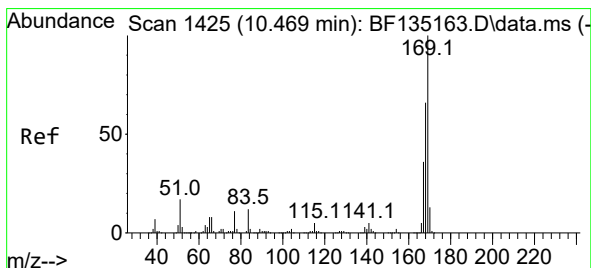
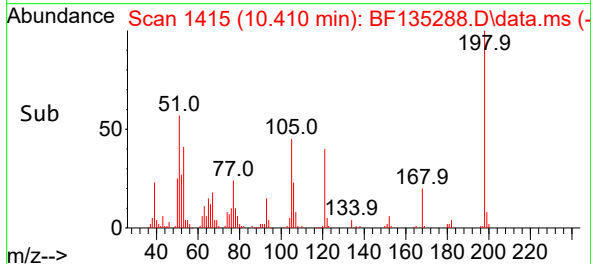
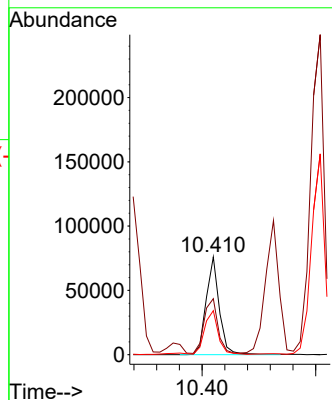
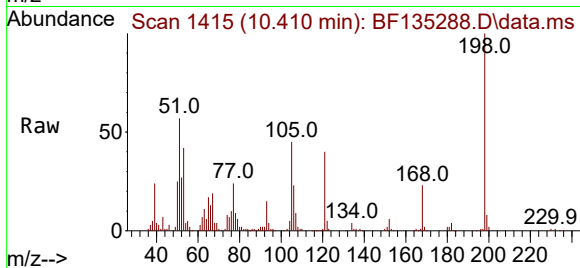




#65
4,6-Dinitro-2-methylphenol
Concen: 34.965 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

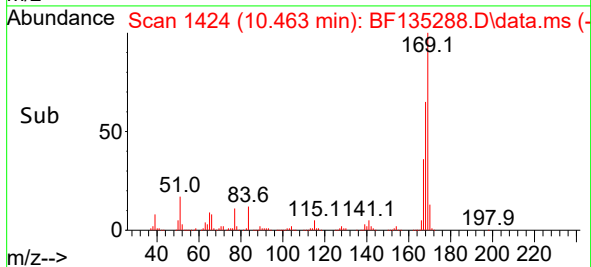
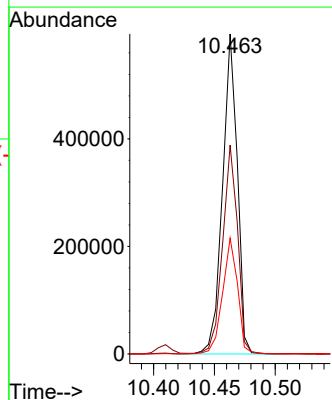
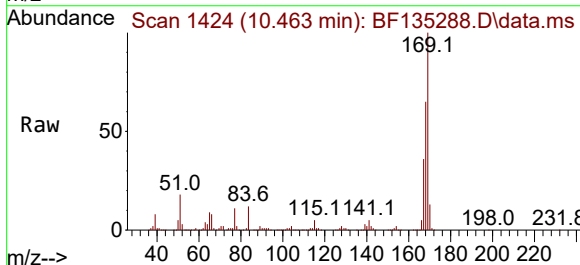
Instrument :
BNA_F
ClientSampleId :
72-11930MS

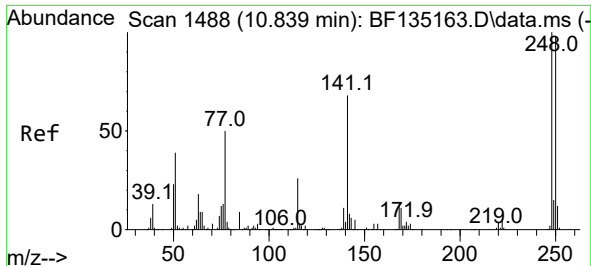
Tgt Ion:198 Resp: 60621
Ion Ratio Lower Upper
198 100
51 57.4 47.7 87.7
105 45.0 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 50.977 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:169 Resp: 503782
Ion Ratio Lower Upper
169 100
168 65.3 52.8 79.2
167 36.2 29.0 43.6

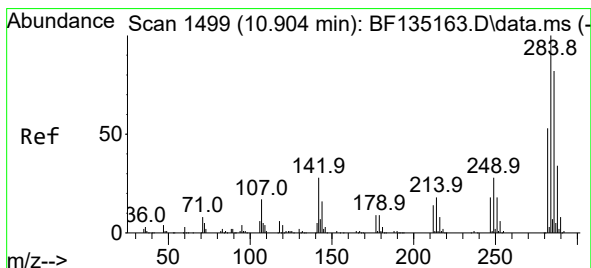
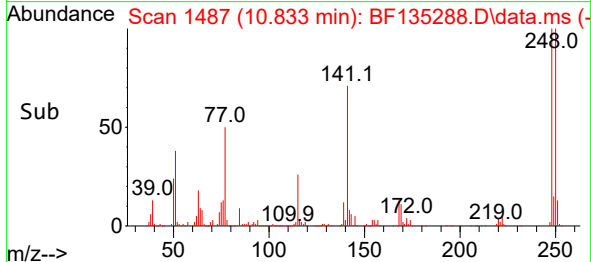
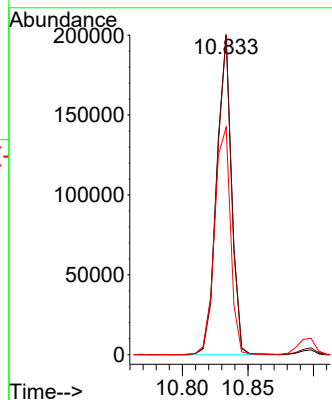
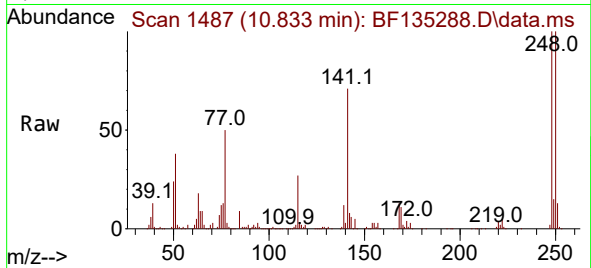




#67
4-Bromophenyl-phenylether
Concen: 48.718 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

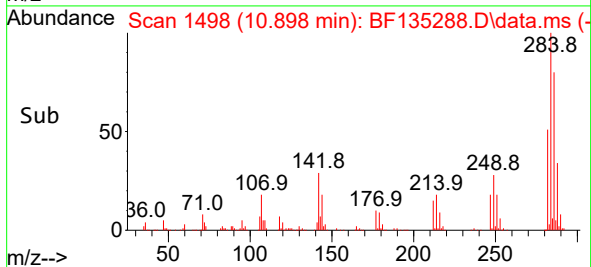
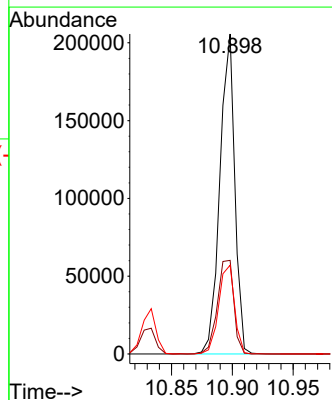
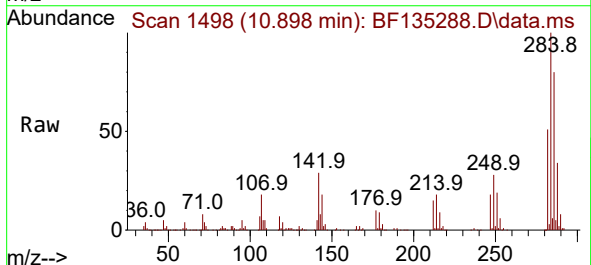
Instrument :
BNA_F
ClientSampleId :
72-11930MS

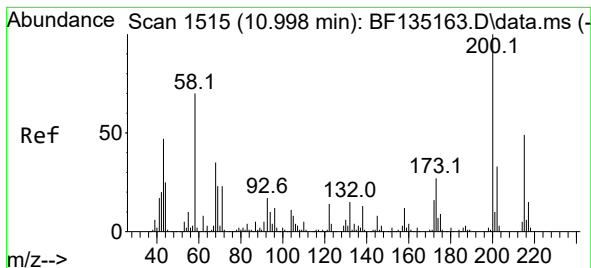
Tgt Ion:248 Resp: 158167
Ion Ratio Lower Upper
248 100
250 99.9 78.6 117.8
141 71.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 53.026 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:284 Resp: 175383
Ion Ratio Lower Upper
284 100
142 29.3 22.2 33.4
249 27.8 22.5 33.7





#69

Atrazine

Concen: 54.384 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

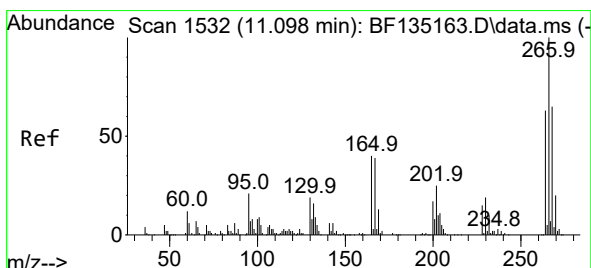
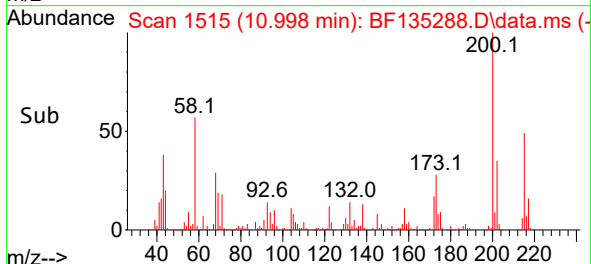
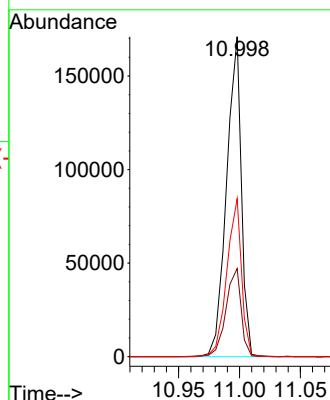
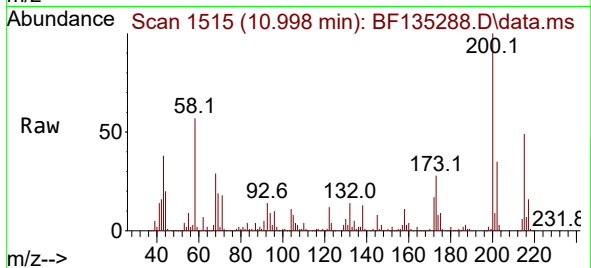
Tgt Ion:200 Resp: 144614

Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

215 49.4 28.6 68.6



#70

Pentachlorophenol

Concen: 77.913 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

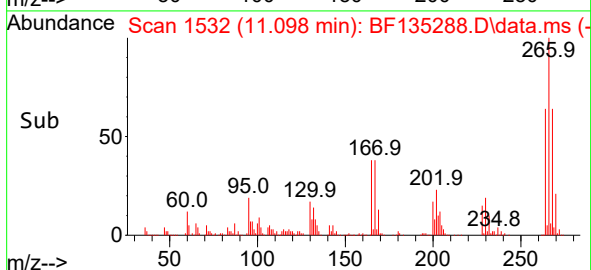
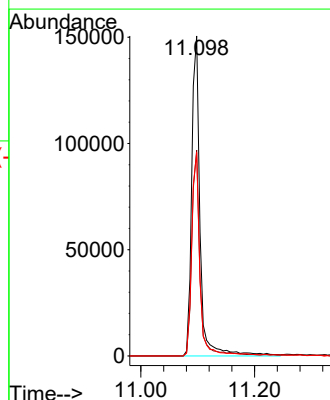
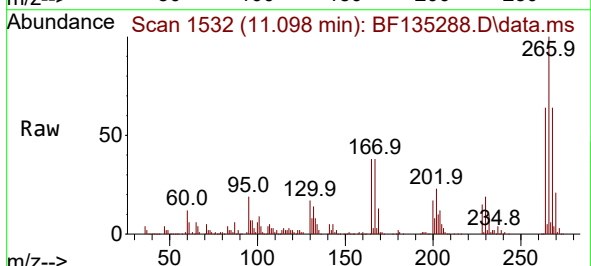
Tgt Ion:266 Resp: 154181

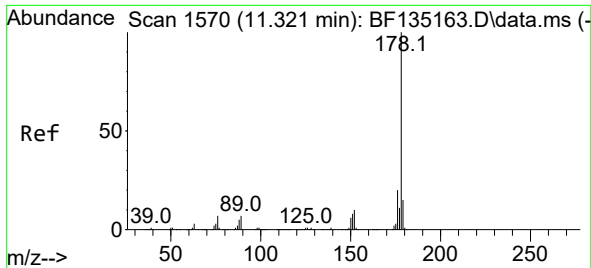
Ion Ratio Lower Upper

266 100

268 64.4 52.1 78.1

264 63.6 50.8 76.2

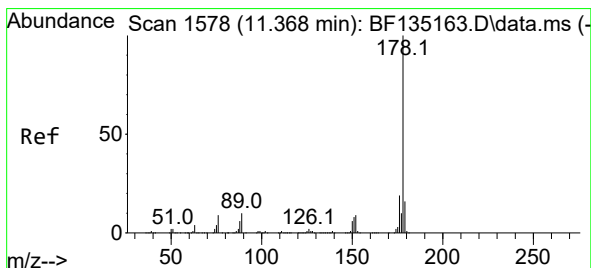
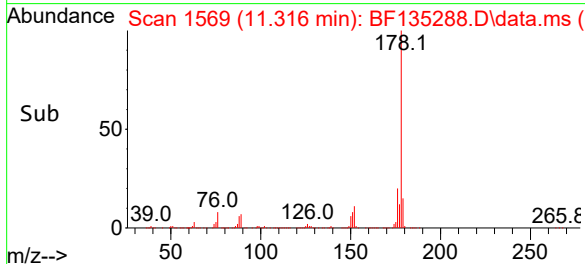
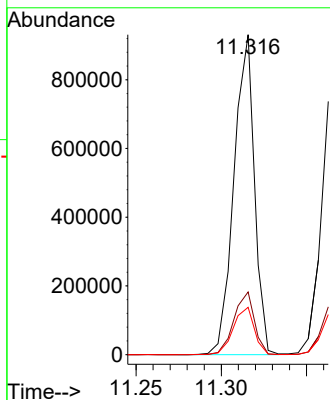
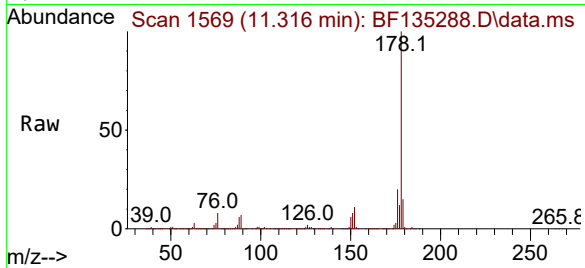




#71
Phenanthrene
Concen: 50.372 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

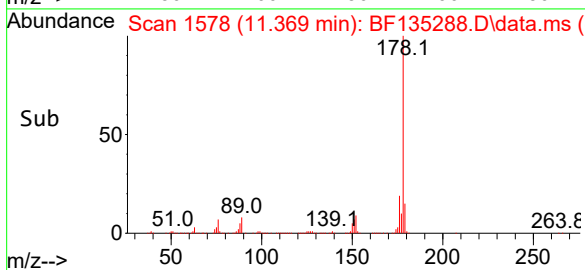
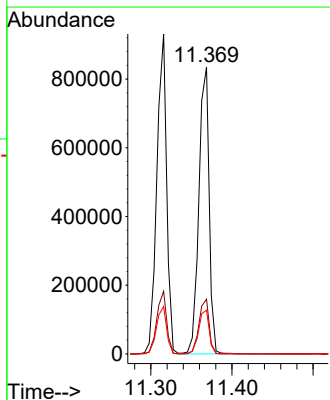
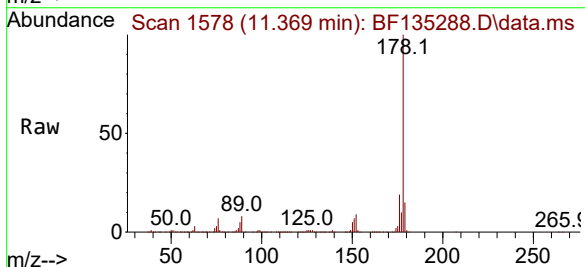
Instrument :
BNA_F
ClientSampleId :
72-11930MS

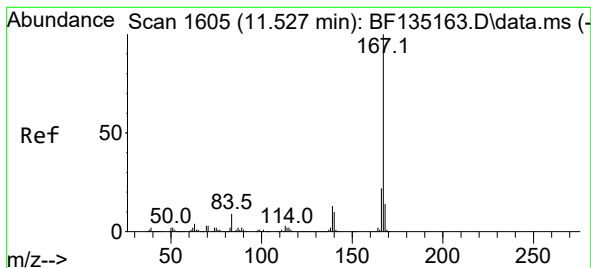
Tgt Ion:178 Resp: 777678
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 14.8 12.0 18.0



#72
Anthracene
Concen: 46.399 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:178 Resp: 736314
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.6 19.0





#73

Carbazole

Concen: 45.370 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

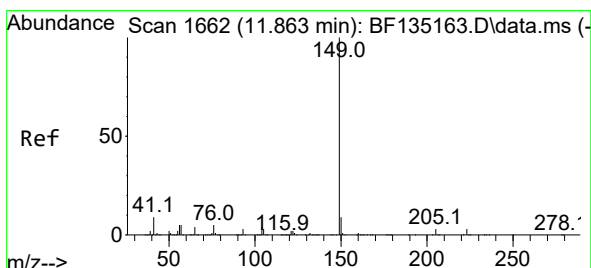
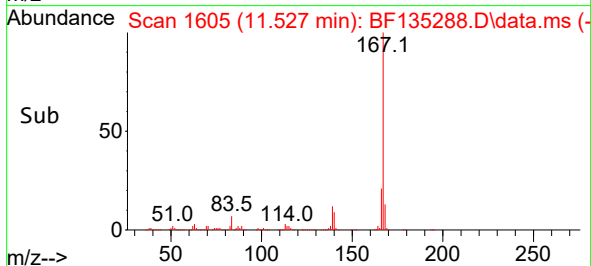
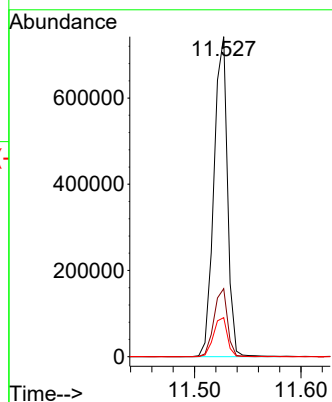
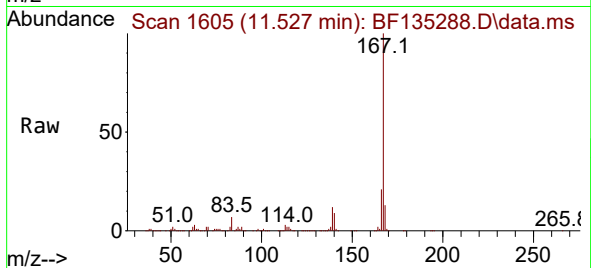
Tgt Ion:167 Resp: 655421

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 12.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 47.193 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

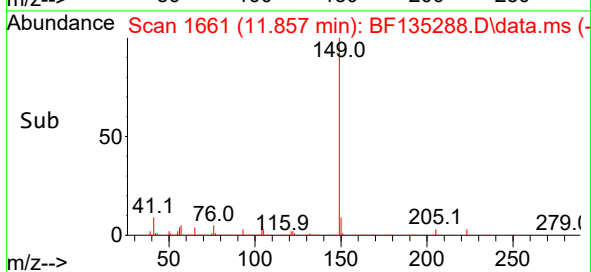
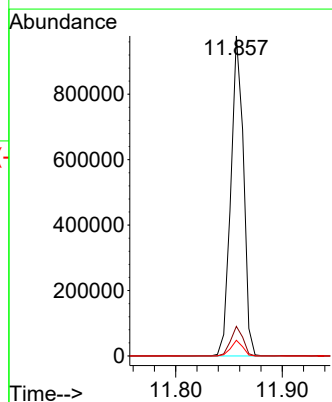
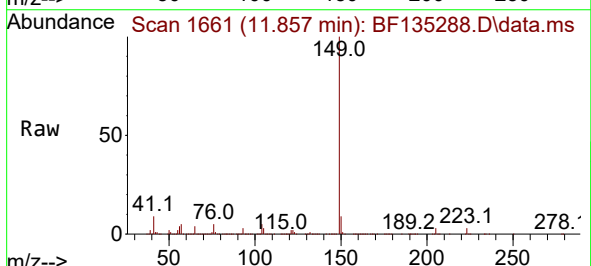
Tgt Ion:149 Resp: 803343

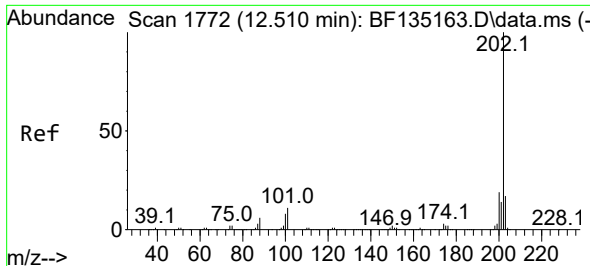
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.9 3.6 5.4

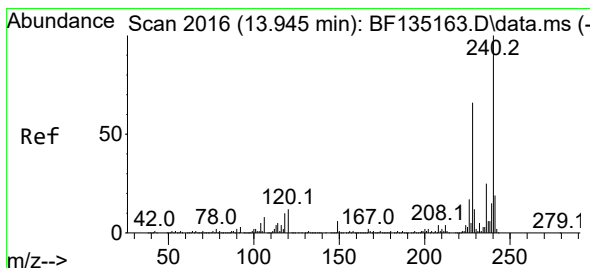
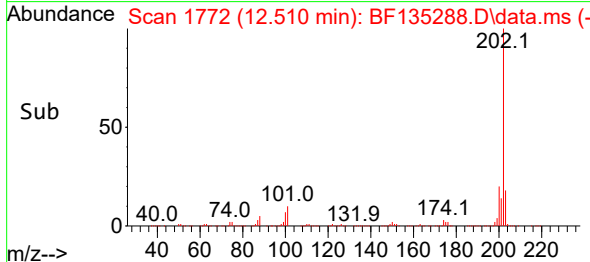
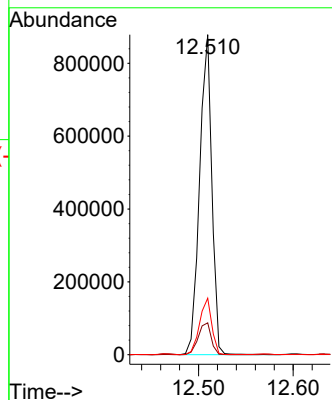
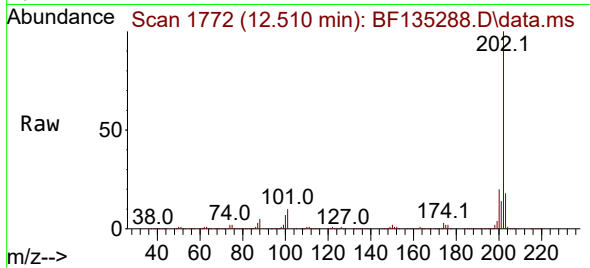




#75
Fluoranthene
Concen: 48.947 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

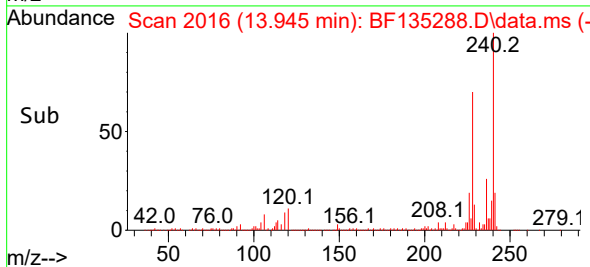
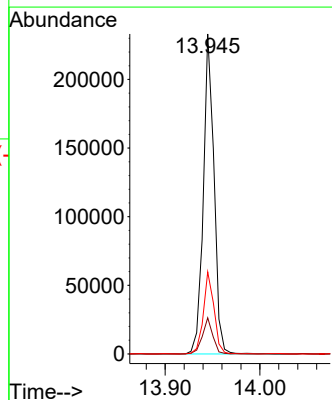
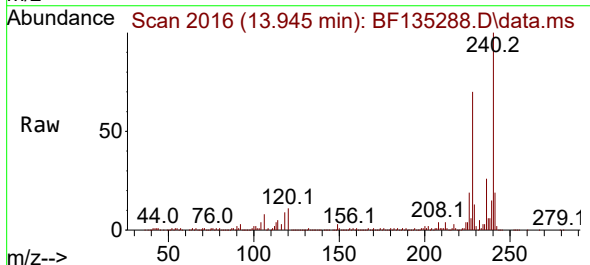
Instrument :
BNA_F
ClientSampleId :
72-11930MS

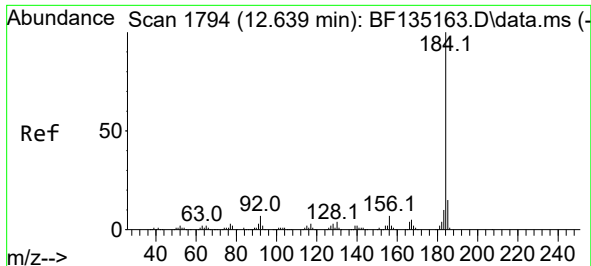
Tgt Ion:202 Resp: 787401
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.3
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:240 Resp: 182109
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.7 19.8 29.8

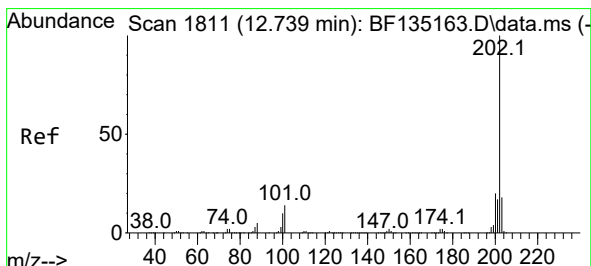
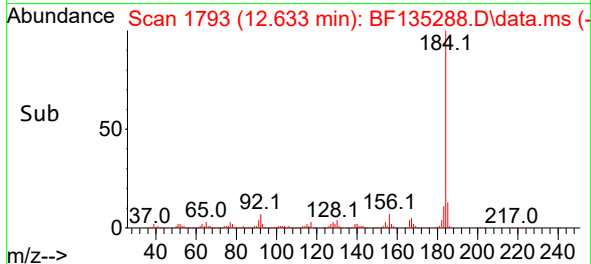
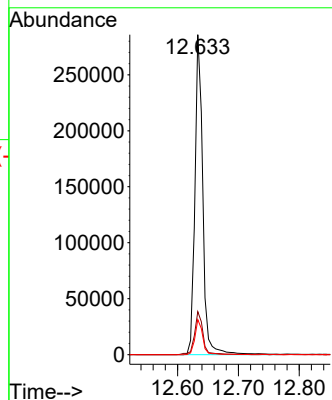
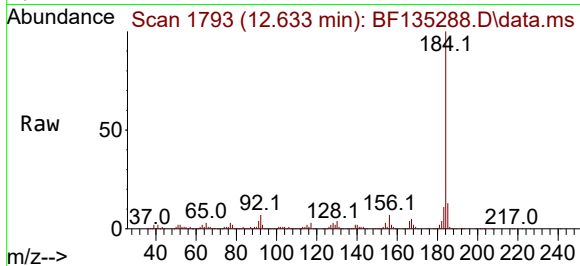




#77
Benzidine
Concen: 69.057 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

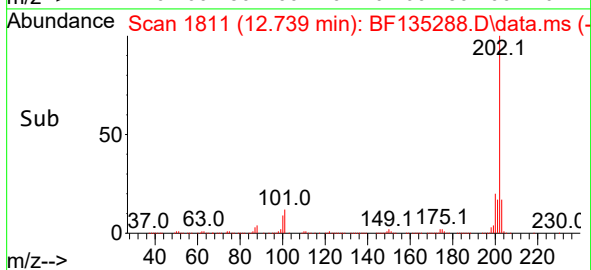
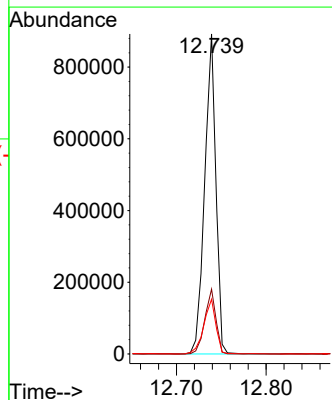
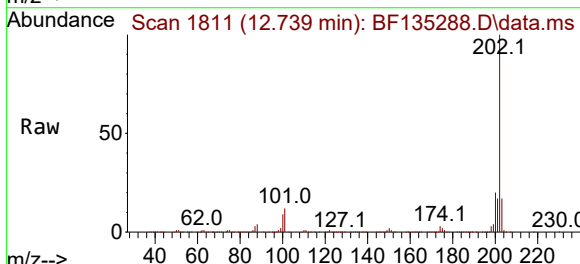
Instrument :
BNA_F
ClientSampleId :
72-11930MS

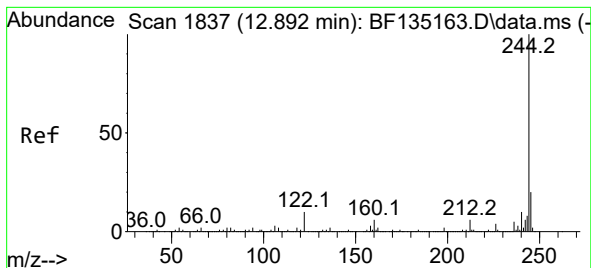
Tgt Ion:184 Resp: 257640
Ion Ratio Lower Upper
184 100
185 13.5 11.7 17.5
183 11.0 8.2 12.4



#78
Pyrene
Concen: 44.539 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:202 Resp: 772217
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.1 14.2 21.4





#79

Terphenyl-d14

Concen: 56.080 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135288.D

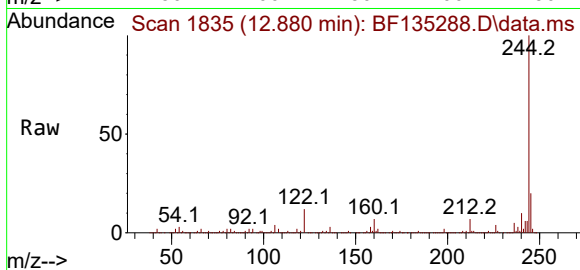
Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS



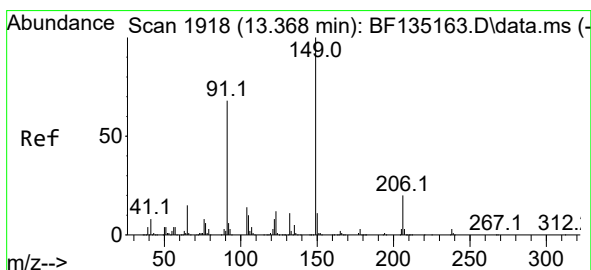
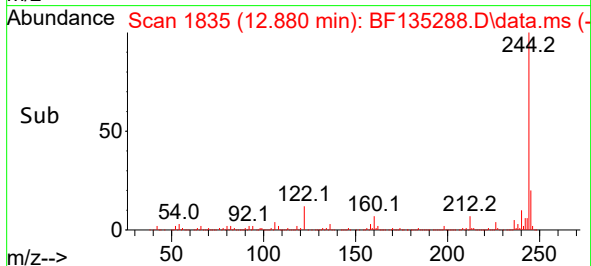
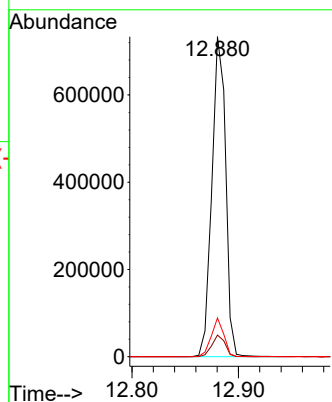
Tgt Ion:244 Resp: 658796

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 12.1 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 44.418 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

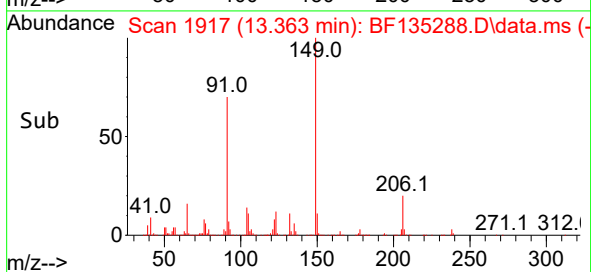
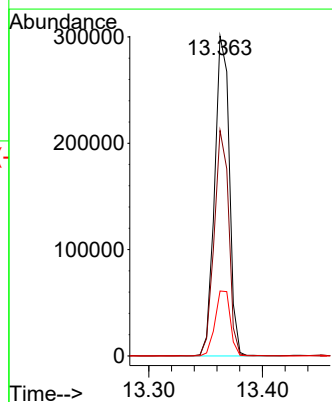
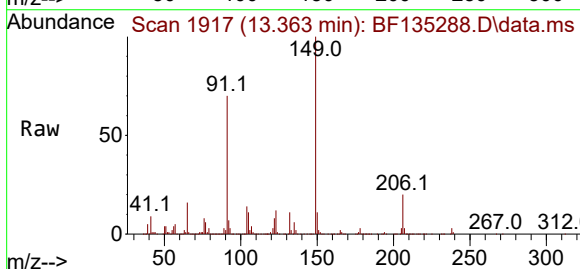
Tgt Ion:149 Resp: 271150

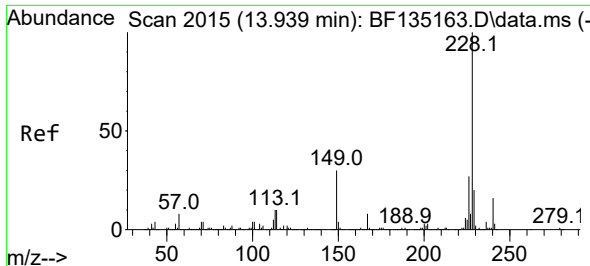
Ion Ratio Lower Upper

149 100

91 70.4 54.7 82.1

206 20.3 16.3 24.5

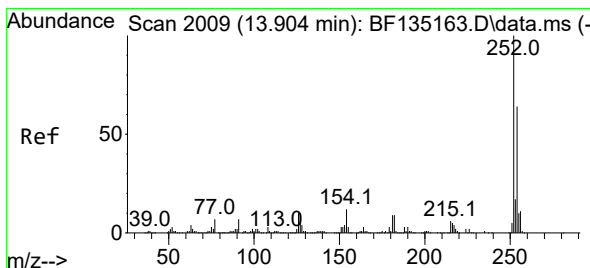
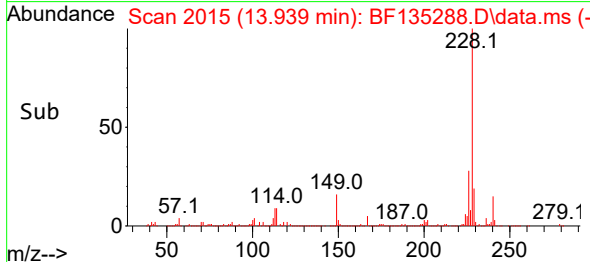
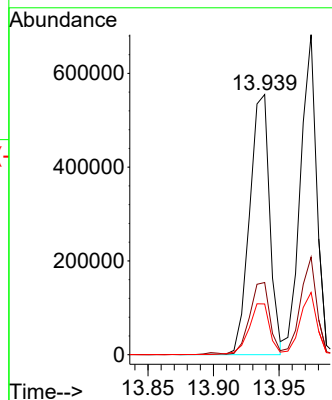
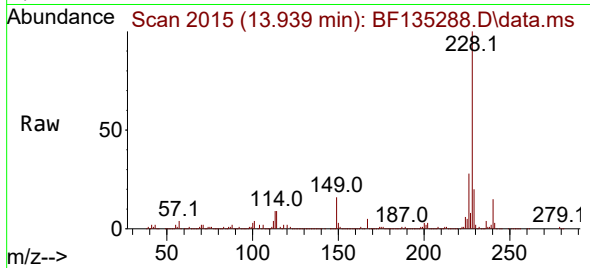




#81
Benzo(a)anthracene
Concen: 50.246 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

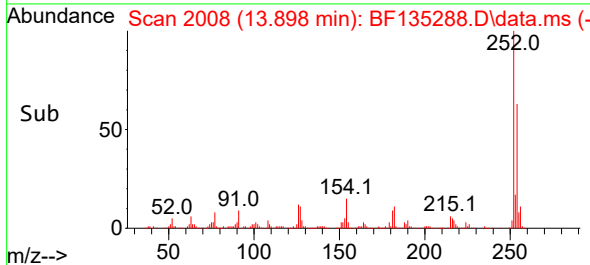
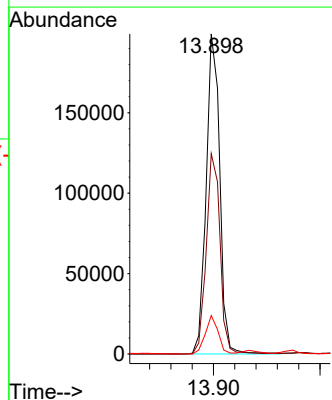
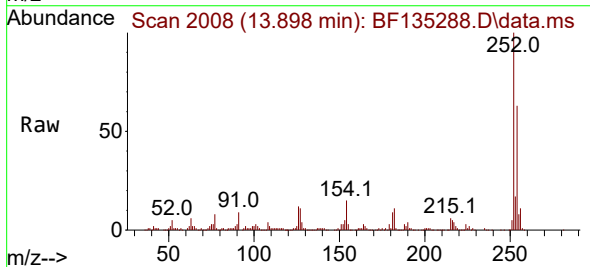
Instrument :
BNA_F
ClientSampleId :
72-11930MS

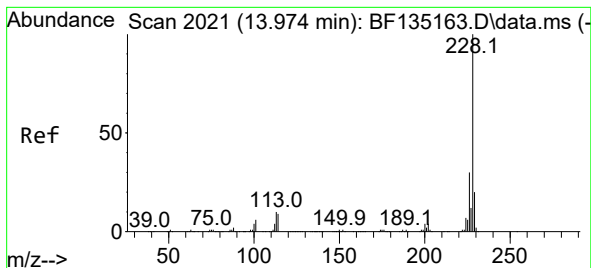
Tgt Ion:228 Resp: 590856
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 48.115 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:252 Resp: 176730
Ion Ratio Lower Upper
252 100
254 62.6 51.0 76.4
126 12.0 7.8 11.8#





#83

Chrysene

Concen: 50.018 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

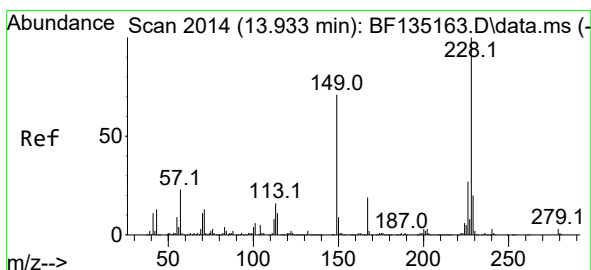
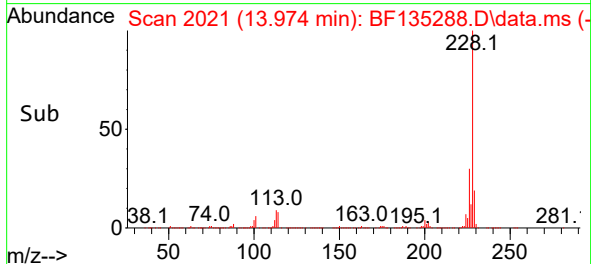
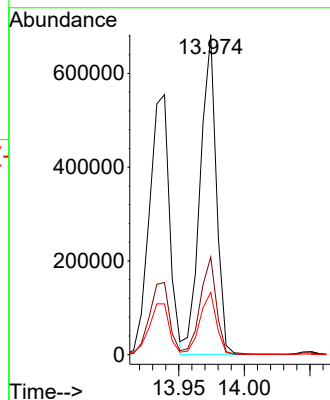
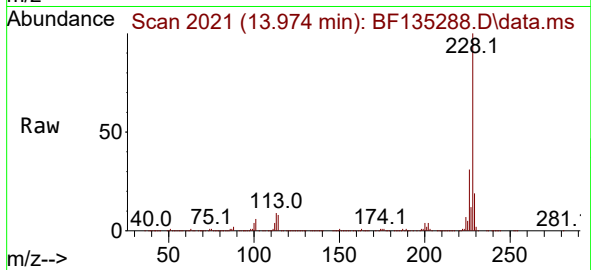
Tgt Ion:228 Resp: 584783

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.058 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

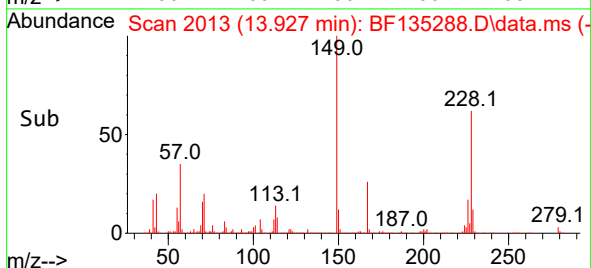
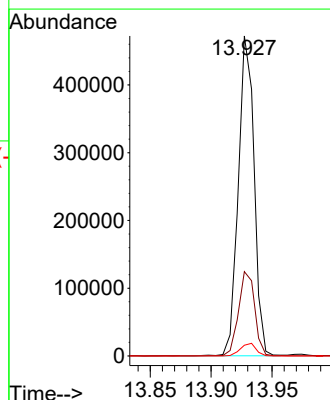
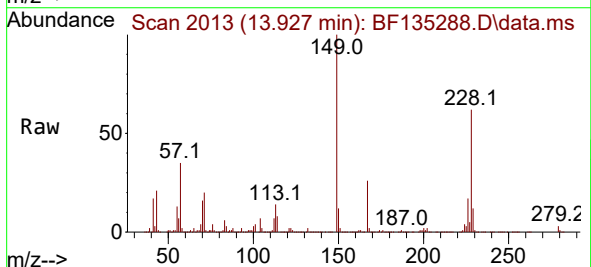
Tgt Ion:149 Resp: 426333

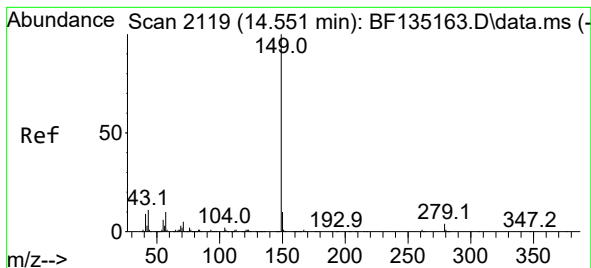
Ion Ratio Lower Upper

149 100

167 26.4 21.9 32.9

279 3.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 71.048 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

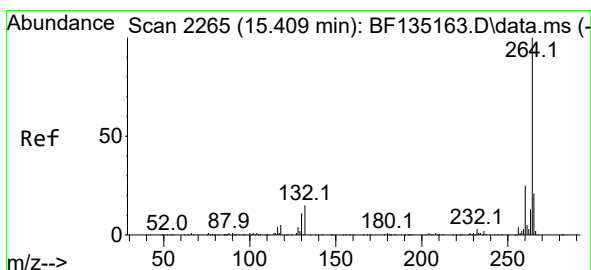
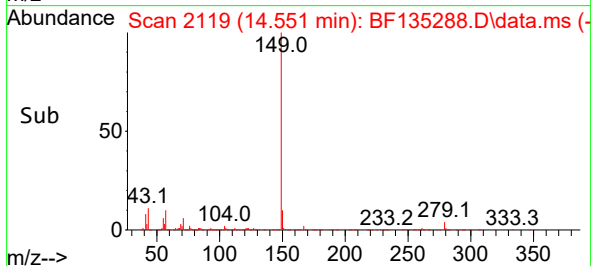
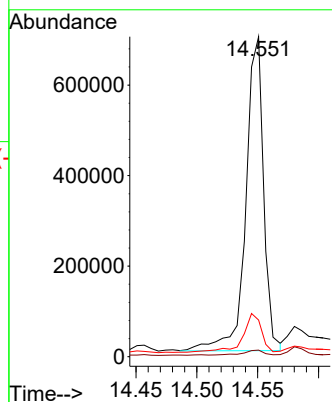
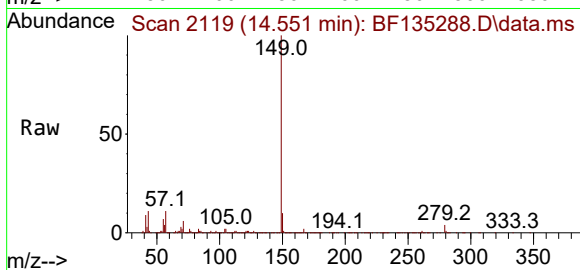
Tgt Ion:149 Resp: 707289

Ion Ratio Lower Upper

149 100

167 1.8 1.1 1.7#

43 15.0 9.8 14.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

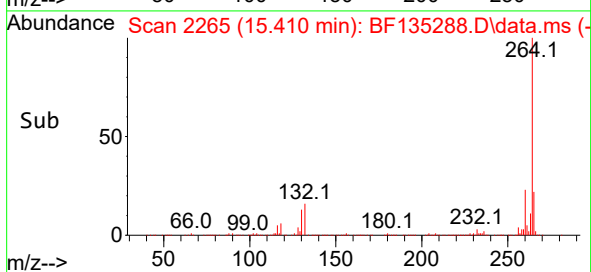
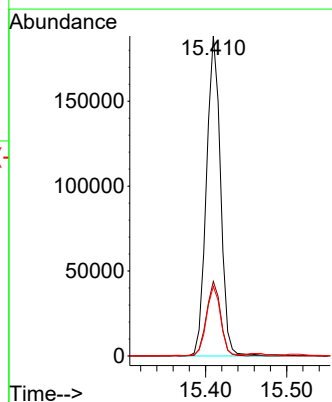
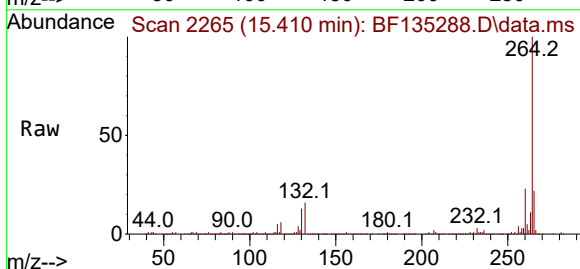
Tgt Ion:264 Resp: 226736

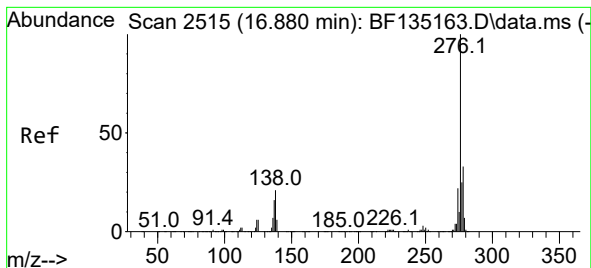
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.245 ng

RT: 16.892 min Scan# 2517

Delta R.T. 0.012 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

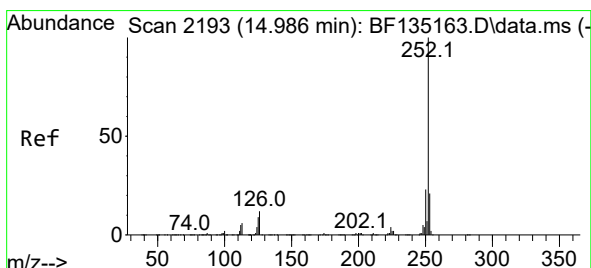
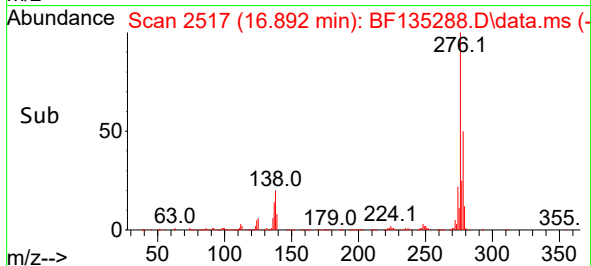
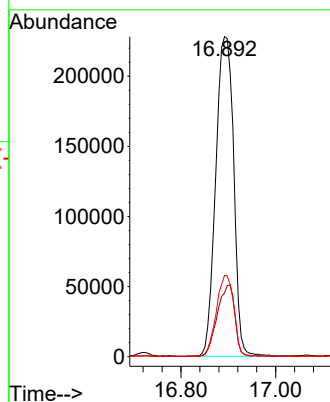
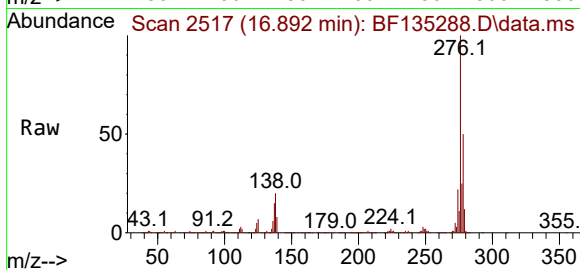
Tgt Ion:276 Resp: 598290

Ion Ratio Lower Upper

276 100

138 21.9 19.2 28.8

277 24.8 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 55.995 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

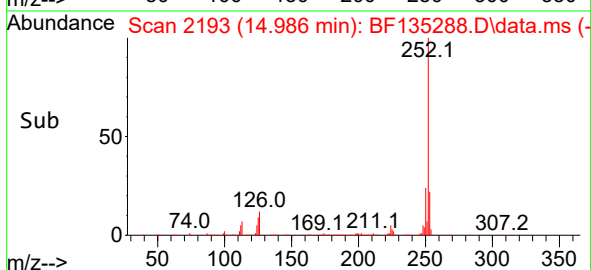
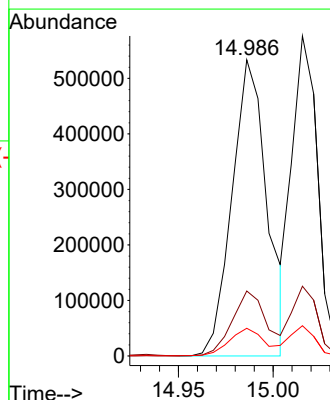
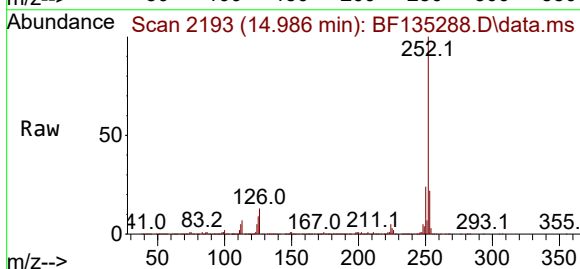
Tgt Ion:252 Resp: 687281

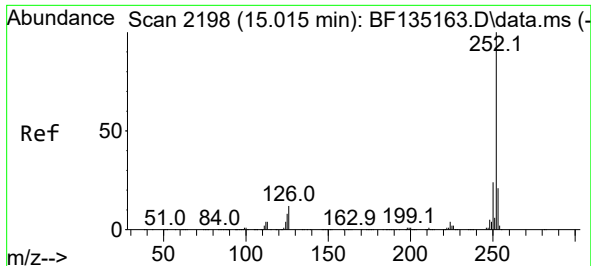
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.485 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

72-11930MS

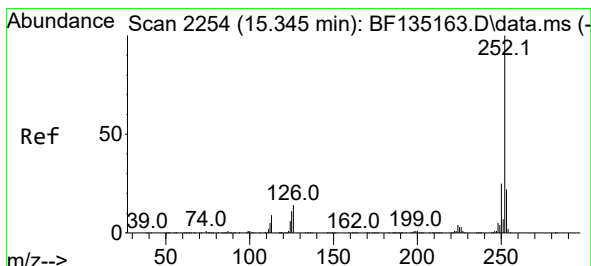
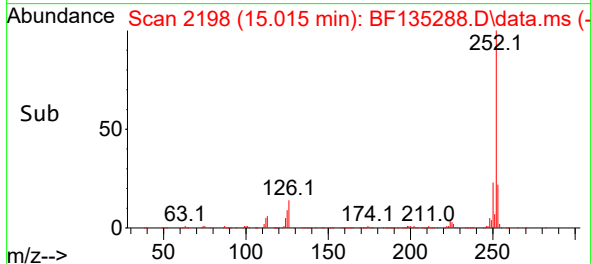
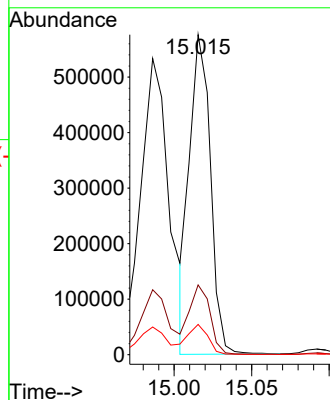
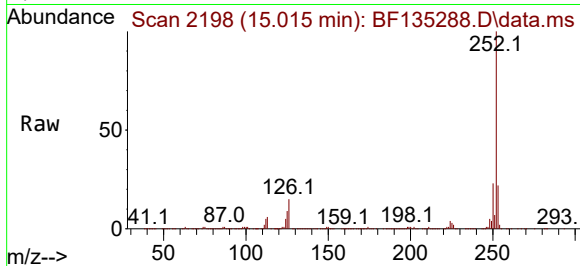
Tgt Ion:252 Resp: 539362

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 48.393 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135288.D

Acq: 15 Sep 2023 19:54

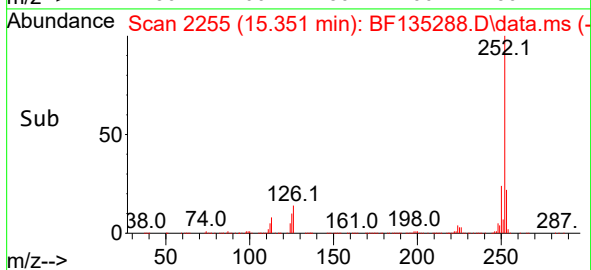
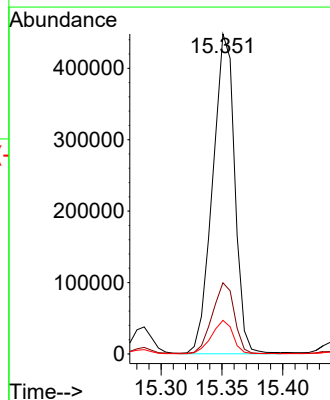
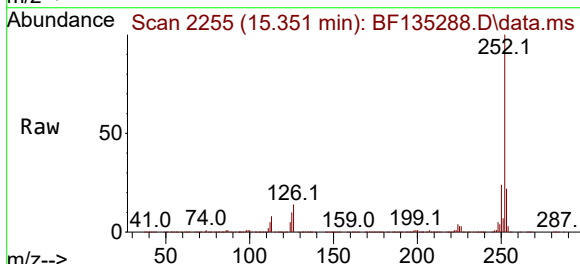
Tgt Ion:252 Resp: 566436

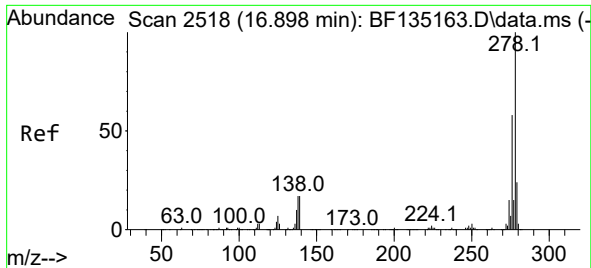
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

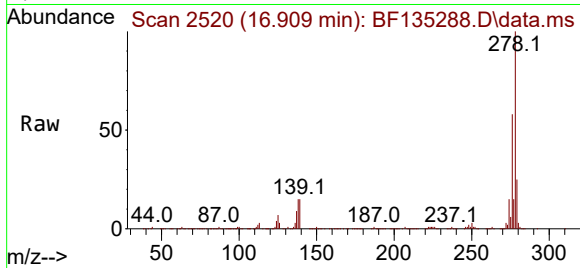
125 10.5 9.2 13.8



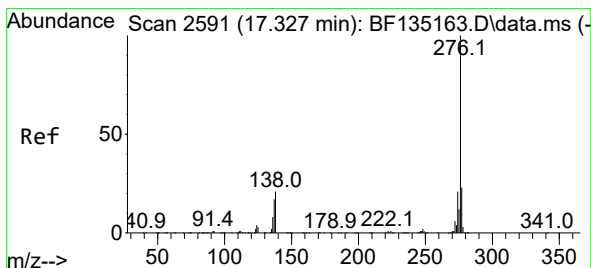
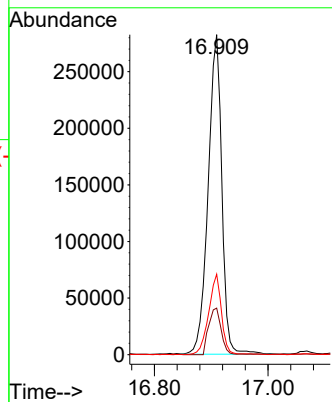
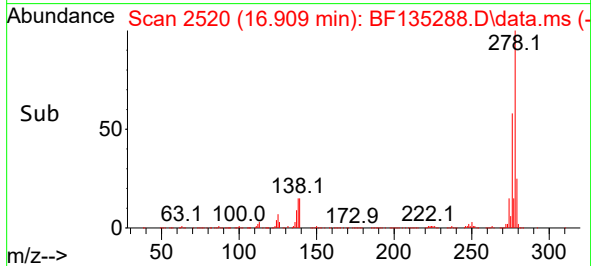


#91
Dibenzo(a,h)anthracene
Concen: 38.621 ng
RT: 16.909 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Instrument :
BNA_F
ClientSampleId :
72-11930MS



Tgt Ion:278 Resp: 469783
Ion Ratio Lower Upper
278 100
139 14.6 13.4 20.0
279 25.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 35.972 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135288.D
Acq: 15 Sep 2023 19:54

Tgt Ion:276 Resp: 456975
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 19.9 16.9 25.3

