

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135377.D
 Acq On : 21 Sep 2023 13:29
 Operator : CG\JU
 Sample : 04501-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Sep 22 05:54:30 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	154968	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	577149	20.000	ng	# 0.00
39) Acenaphthene-d10	9.798	164	264602	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	402339	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	263611	20.000	ng	0.00
86) Perylene-d12	15.409	264	272156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	688806	72.293	ng	0.01
7) Phenol-d6	6.404	99	873709	72.115	ng	0.00
23) Nitrobenzene-d5	7.322	82	536697	50.521	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	152896	58.146	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	879084	50.124	ng	-0.01
79) Terphenyl-d14	12.880	244	637932	37.514	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	180676	43.256	ng	95
3) Pyridine	3.293	79	450284	40.055	ng	95
4) n-Nitrosodimethylamine	3.263	42	262110	43.938	ng	94
6) Aniline	6.428	93	350248	22.046	ng	# 84
8) 2-Chlorophenol	6.545	128	439613	43.221	ng	99
9) Benzaldehyde	6.310	77	126532	18.333	ng	96
10) Phenol	6.422	94	522154	39.304	ng	94
11) bis(2-Chloroethyl)ether	6.498	93	430449	43.195	ng	100
12) 1,3-Dichlorobenzene	6.698	146	428248	41.429	ng	97
13) 1,4-Dichlorobenzene	6.775	146	435194	41.381	ng	99
14) 1,2-Dichlorobenzene	6.928	146	412040	42.189	ng	98
15) Benzyl Alcohol	6.910	79	348721	40.111	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.039	45	801942	42.694	ng	94
17) 2-Methylphenol	7.022	107	353595	39.395	ng	98
18) Hexachloroethane	7.263	117	161873	41.657	ng	89
19) n-Nitroso-di-n-propyla...	7.175	70	272682	36.337	ng	94
20) 3+4-Methylphenols	7.175	107	392149	36.334	ng	93
22) Acetophenone	7.169	105	539075	40.854	ng	# 95
24) Nitrobenzene	7.345	77	451997	43.048	ng	97
25) Isophorone	7.580	82	829429	42.520	ng	97
26) 2-Nitrophenol	7.657	139	228880	45.418	ng	98
27) 2,4-Dimethylphenol	7.704	122	338880	40.007	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	520981	44.622	ng	100
29) 2,4-Dichlorophenol	7.904	162	333009	42.427	ng	98
30) 1,2,4-Trichlorobenzene	7.980	180	347289	42.332	ng	98
31) Naphthalene	8.063	128	1168230	41.660	ng	100
32) Benzoic acid	7.839	122	257817	40.420	ng	98
33) 4-Chloroaniline	8.116	127	149030	12.113	ng	97
34) Hexachlorobutadiene	8.175	225	198014	40.028	ng	99
35) Caprolactam	8.498	113	100887	38.298	ng	92
36) 4-Chloro-3-methylphenol	8.610	107	360170	41.287	ng	99
37) 2-Methylnaphthalene	8.751	142	728755	38.661	ng	98
38) 1-Methylnaphthalene	8.851	142	700895	39.716	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	333834	43.549	ng	100
41) Hexachlorocyclopentadiene	8.898	237	133248	43.192	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	220188	43.870	ng	99

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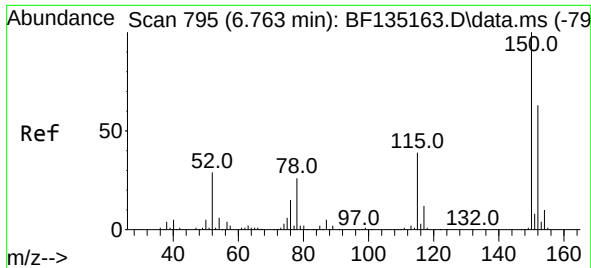
Quant Time: Sep 22 05:54:30 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	237790	41.140	ng	97
46) 1,1'-Biphenyl	9.222	154	883801	43.464	ng	99
47) 2-Chloronaphthalene	9.245	162	657430	44.560	ng	99
48) 2-Nitroaniline	9.345	65	252081	43.980	ng	97
49) Acenaphthylene	9.657	152	1071046	43.681	ng	99
50) Dimethylphthalate	9.527	163	778169	43.498	ng	99
51) 2,6-Dinitrotoluene	9.592	165	168210	42.921	ng	91
52) Acenaphthene	9.833	154	621266	42.891	ng	97
53) 3-Nitroaniline	9.757	138	121780	26.472	ng	99
54) 2,4-Dinitrophenol	9.874	184	89115	43.174	ng	92
55) Dibenzofuran	10.004	168	869582	39.341	ng	99
56) 4-Nitrophenol	9.939	139	209580	71.682	ng	92
57) 2,4-Dinitrotoluene	9.998	165	180062	36.700	ng	# 83
58) Fluorene	10.351	166	682143	40.144	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	174000	39.134	ng	97
60) Diethylphthalate	10.227	149	738716	41.145	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	308076	37.742	ng	98
62) 4-Nitroaniline	10.374	138	148649	33.616	ng	97
63) Azobenzene	10.504	77	719985	40.975	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	65438	30.622	ng	95
66) n-Nitrosodiphenylamine	10.463	169	597019	49.014	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	187098	46.756	ng	99
68) Hexachlorobenzene	10.898	284	184623	45.288	ng	93
69) Atrazine	10.998	200	174618	53.278	ng	99
70) Pentachlorophenol	11.098	266	169403	69.454	ng	98
71) Phenanthrene	11.316	178	1114814	58.585	ng	99
72) Anthracene	11.368	178	887278	45.363	ng	99
73) Carbazole	11.527	167	793089	44.542	ng	99
74) Di-n-butylphthalate	11.857	149	981874	46.798	ng	99
75) Fluoranthene	12.510	202	1192394	60.137	ng	99
77) Benzidine	12.639	184	405964	75.171	ng	99
78) Pyrene	12.739	202	1215300	48.423	ng	100
80) Butylbenzylphthalate	13.362	149	366050	41.425	ng	96
81) Benzo(a)anthracene	13.939	228	893344	52.482	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	234452	44.096	ng	99
83) Chrysene	13.974	228	866520	51.201	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	461668	50.913	ng	99
85) Di-n-octyl phthalate	14.545	149	887667	61.599	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	591799	33.165	ng	96
88) Benzo(b)fluoranthene	14.992	252	868479	58.949	ng	# 98
89) Benzo(k)fluoranthene	14.992	252	868479	59.675	ng	98
90) Benzo(a)pyrene	15.351	252	686668	48.874	ng	98
91) Dibenzo(a,h)anthracene	16.909	278	446216	30.562	ng	98
92) Benzo(g,h,i)perylene	17.345	276	476600	31.256	ng	97

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

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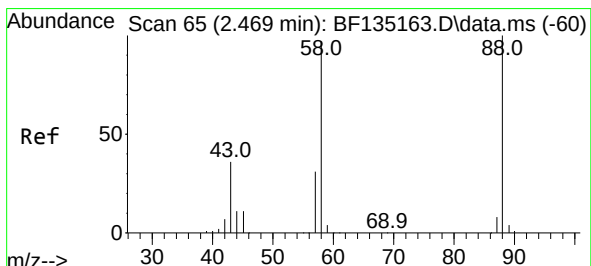
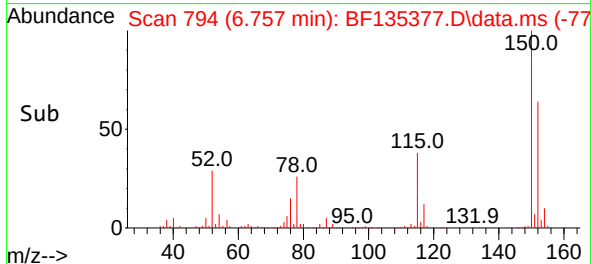
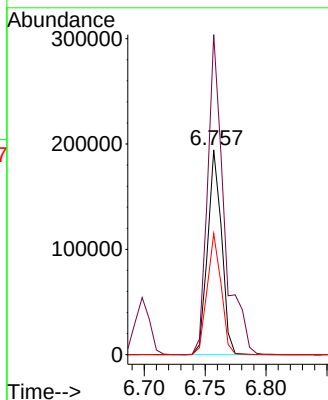
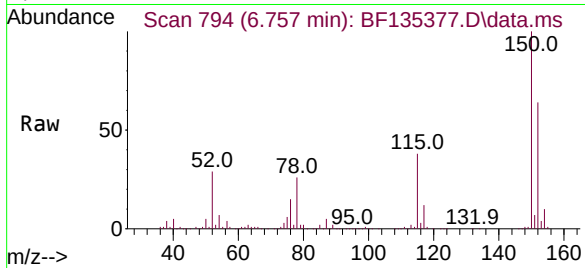




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135377.D
 Acq: 21 Sep 2023 13:29

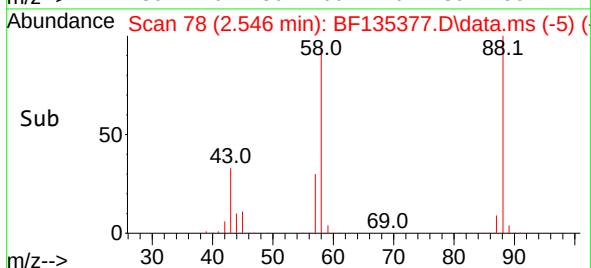
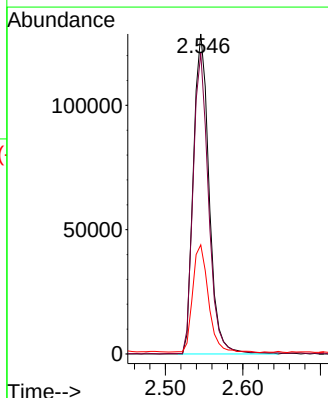
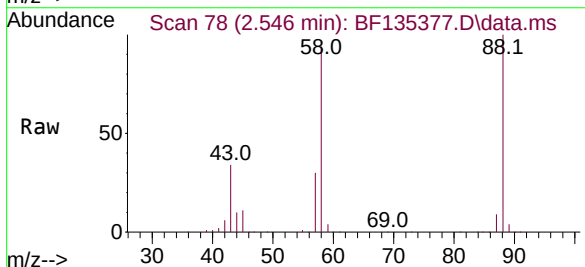
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

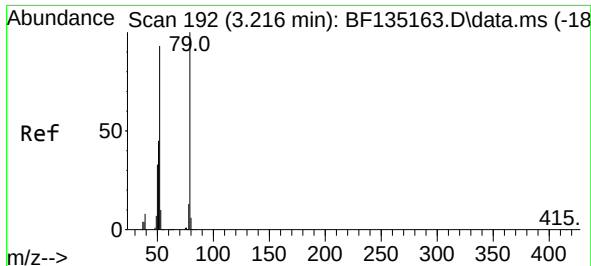
Tgt Ion:152 Resp: 154968
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.8 191.6
 115 59.2 49.8 74.8



#2
 1,4-Dioxane
 Concen: 43.256 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.076 min
 Lab File: BF135377.D
 Acq: 21 Sep 2023 13:29

Tgt Ion: 88 Resp: 180676
 Ion Ratio Lower Upper
 88 100
 58 93.1 78.3 117.5
 43 34.0 29.4 44.0

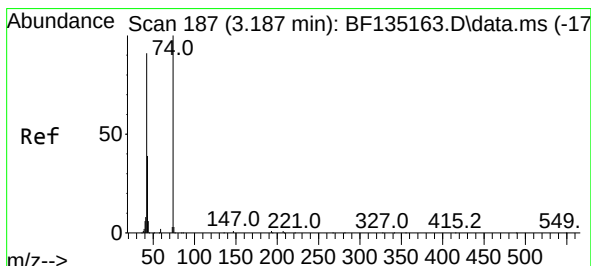
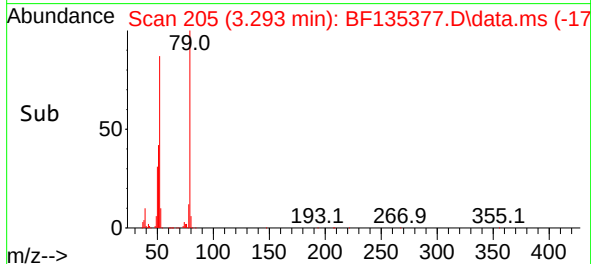
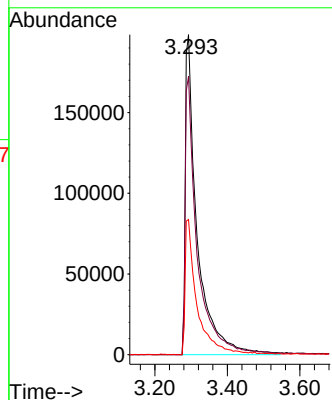
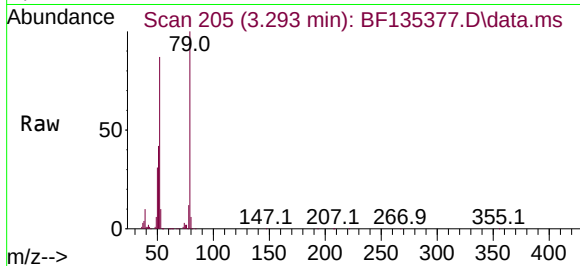




#3
Pyridine
Concen: 40.055 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.076 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

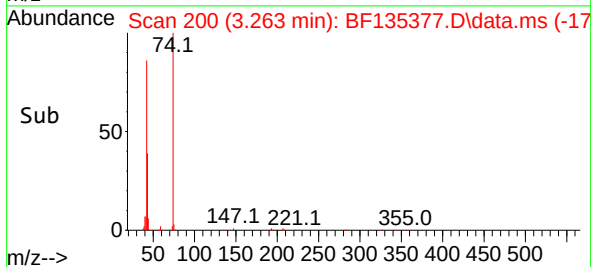
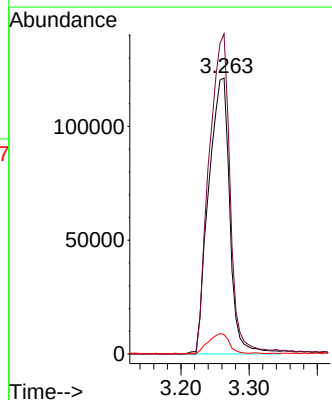
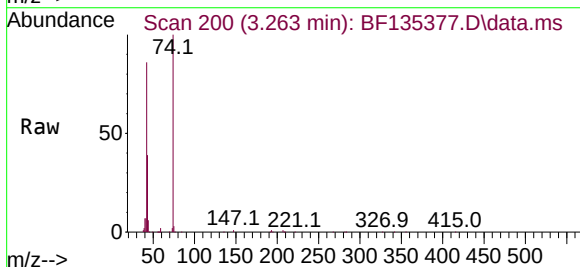
Instrument :
BNA_F
ClientSampleId :
TP-1MS

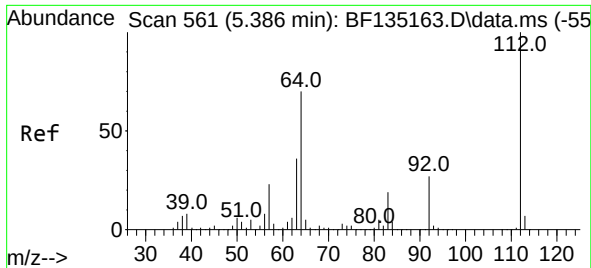
Tgt Ion: 79 Resp: 450284
Ion Ratio Lower Upper
79 100
52 87.0 74.1 111.1
51 42.2 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 43.938 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.076 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion: 42 Resp: 262110
Ion Ratio Lower Upper
42 100
74 115.9 87.7 131.5
44 7.0 5.6 8.4

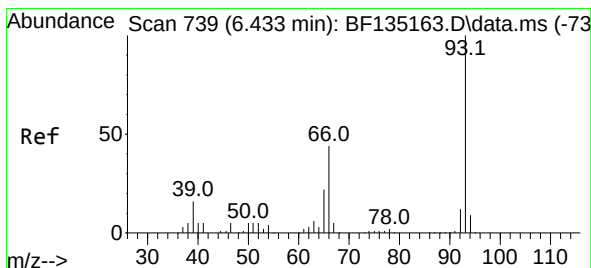
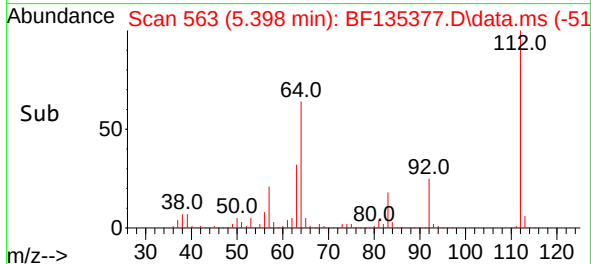
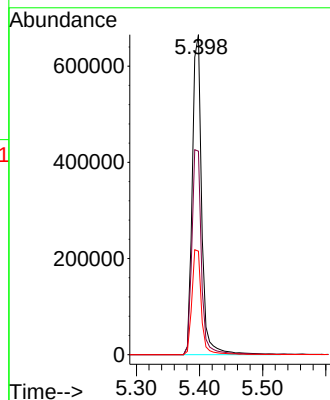
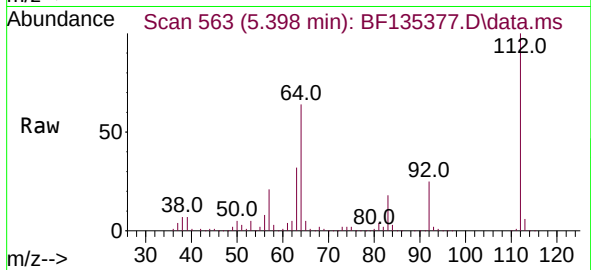




#5
2-Fluorophenol
Concen: 72.293 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

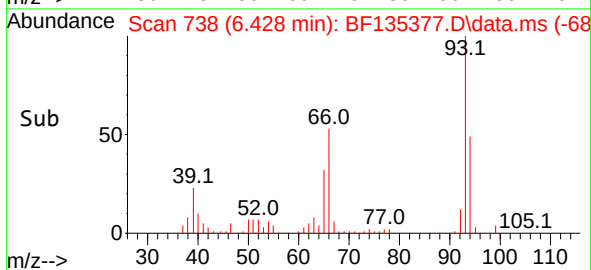
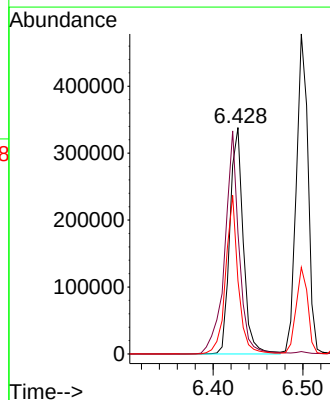
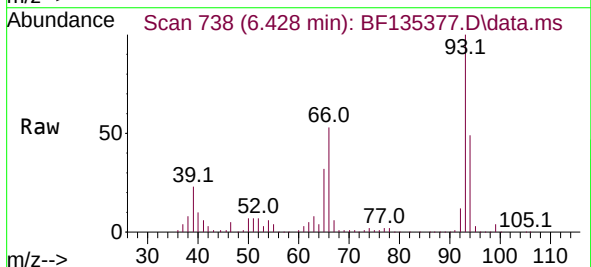
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ClientSampleId :
TP-1MS

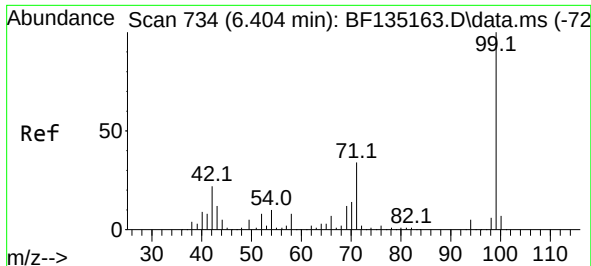
Tgt Ion:112 Resp: 688806
Ion Ratio Lower Upper
112 100
64 63.6 55.9 83.9
63 32.3 29.0 43.6



#6
Aniline
Concen: 22.046 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion: 93 Resp: 350248
Ion Ratio Lower Upper
93 100
66 53.4 35.4 53.0#
65 32.4 17.8 26.8#





#7

Phenol-d6

Concen: 72.115 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

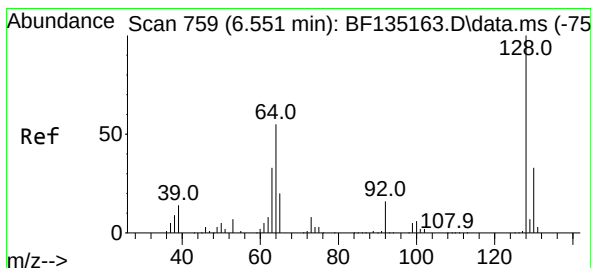
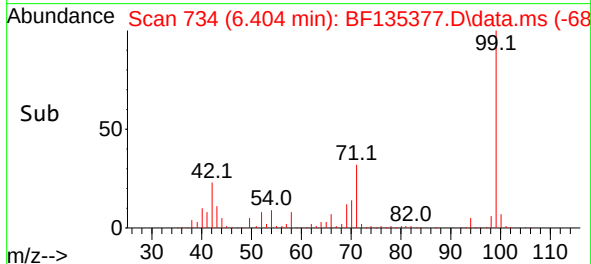
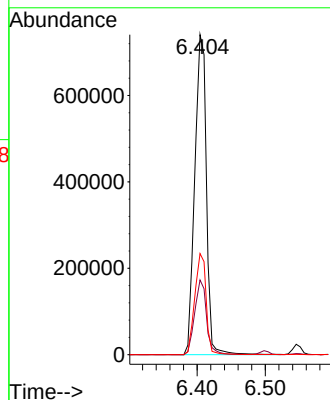
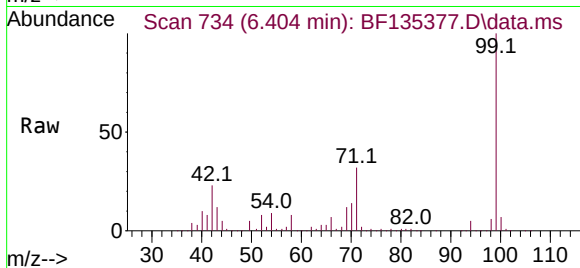
Tgt Ion: 99 Resp: 873709

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

71 31.6 27.0 40.6



#8

2-Chlorophenol

Concen: 43.221 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

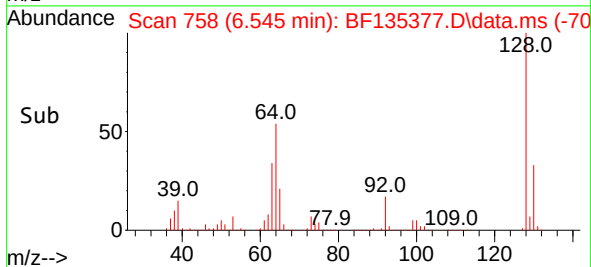
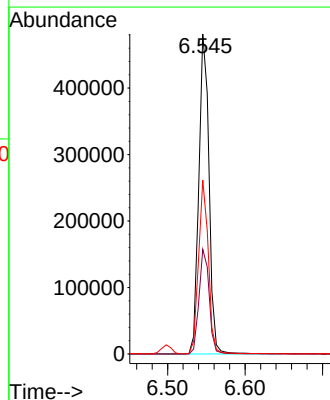
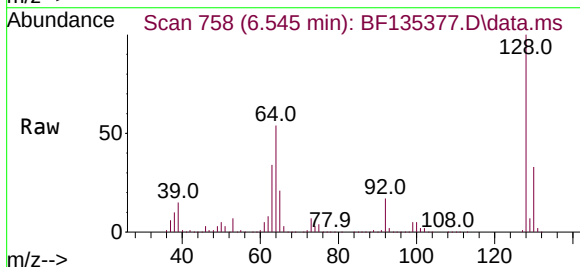
Tgt Ion:128 Resp: 439613

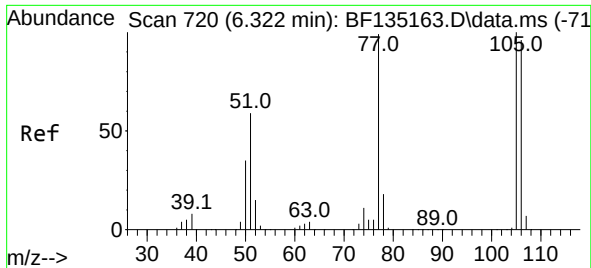
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 54.3 35.9 75.9





#9

Benzaldehyde

Concen: 18.333 ng

RT: 6.310 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

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ClientSampleId :

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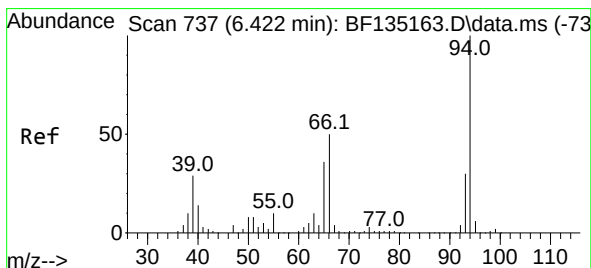
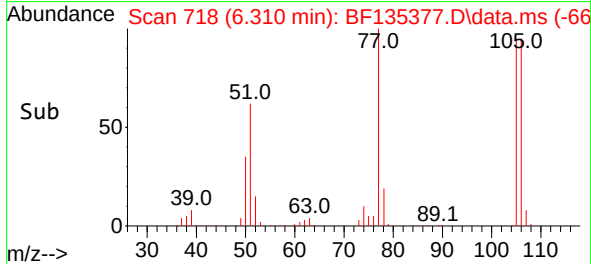
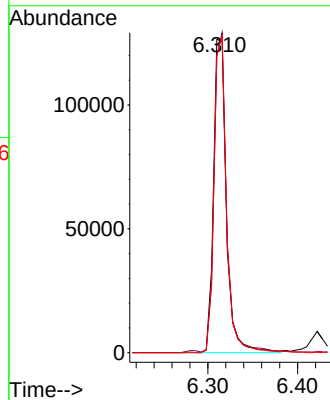
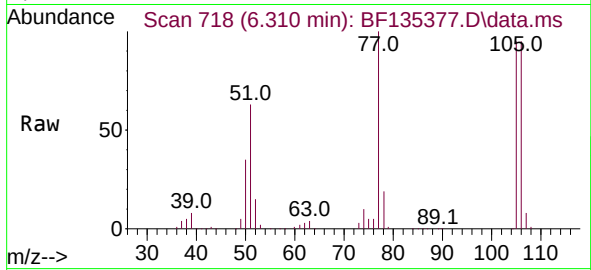
Tgt Ion: 77 Resp: 126532

Ion Ratio Lower Upper

77 100

105 94.7 81.4 121.4

106 94.9 76.9 116.9



#10

Phenol

Concen: 39.304 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

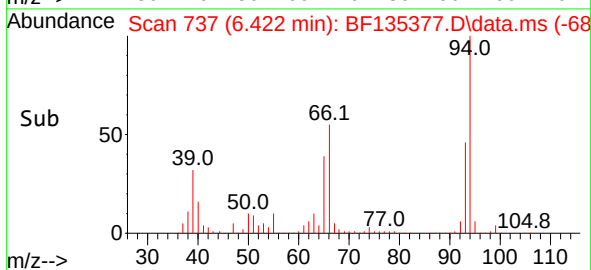
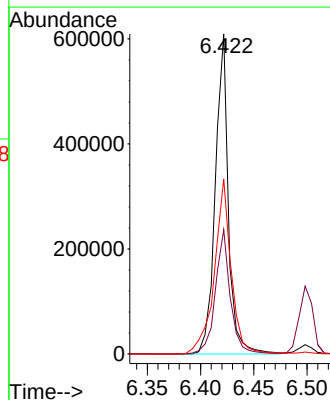
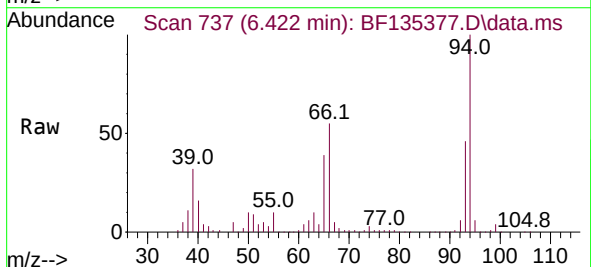
Tgt Ion: 94 Resp: 522154

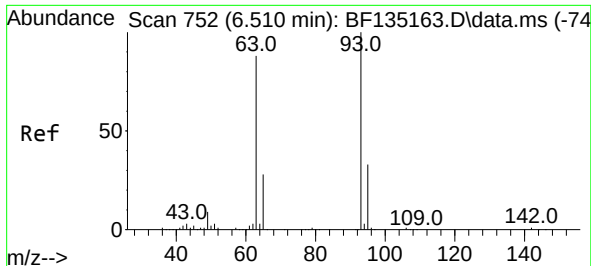
Ion Ratio Lower Upper

94 100

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66 54.7 29.8 69.8

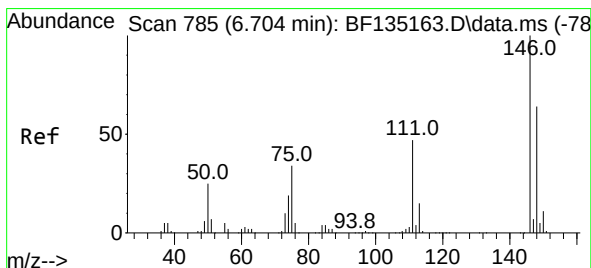
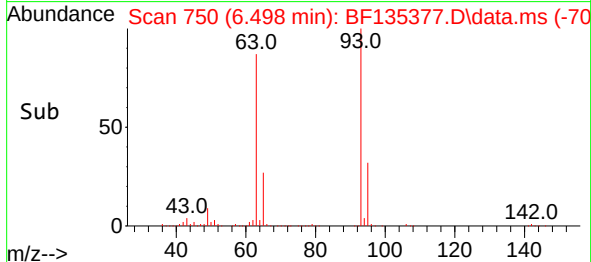
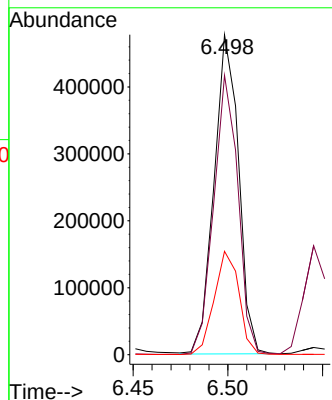
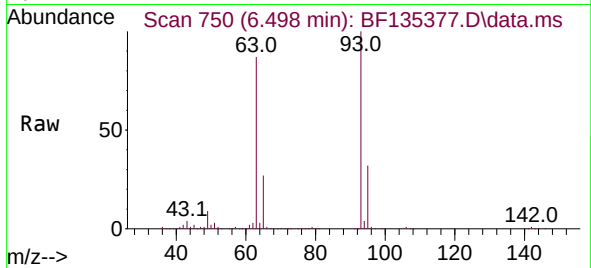




#11
bis(2-Chloroethyl)ether
Concen: 43.195 ng
RT: 6.498 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

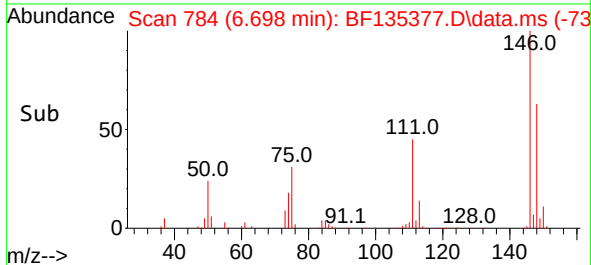
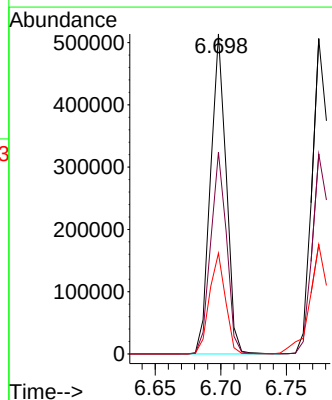
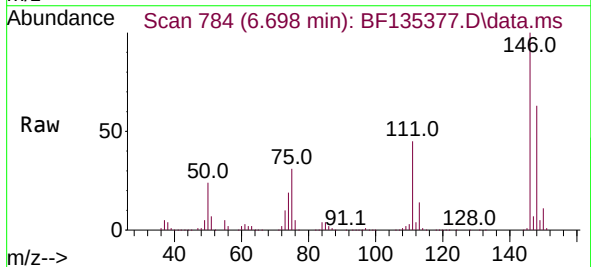
Instrument :
BNA_F
ClientSampleId :
TP-1MS

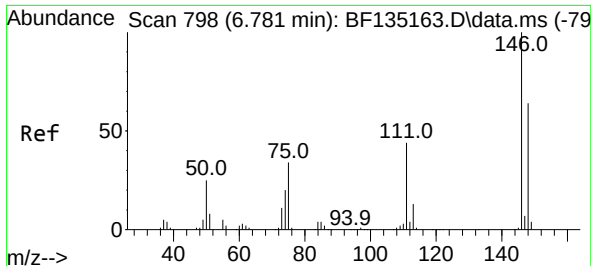
Tgt Ion: 93 Resp: 430449
Ion Ratio Lower Upper
93 100
63 87.3 67.3 107.3
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.429 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:146 Resp: 428248
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 31.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 41.381 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

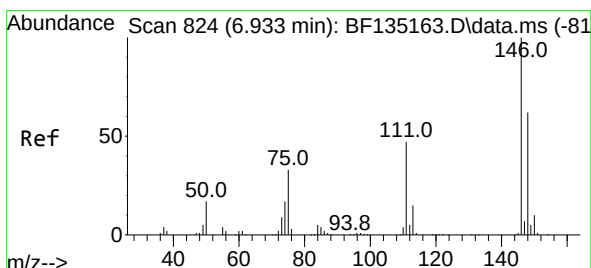
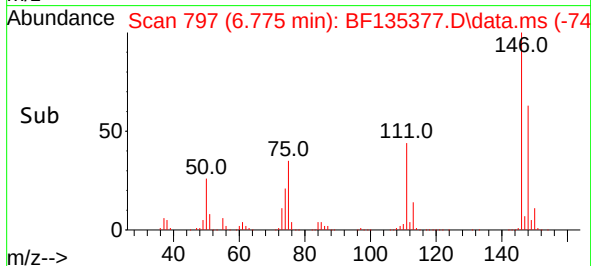
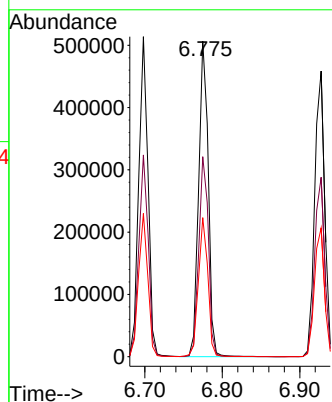
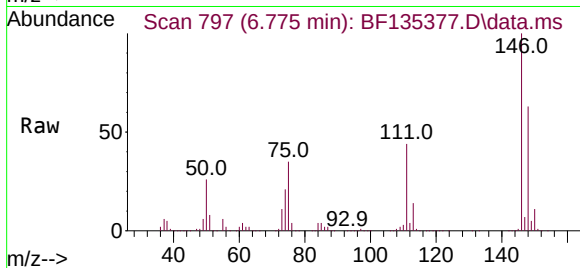
Tgt Ion:146 Resp: 435194

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

111 44.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 42.189 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

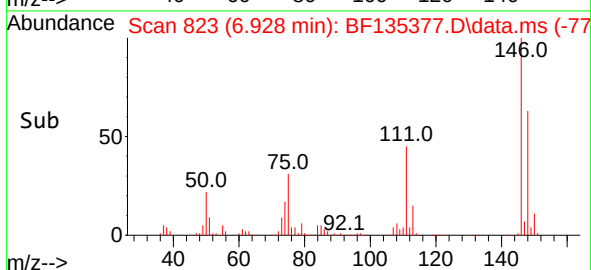
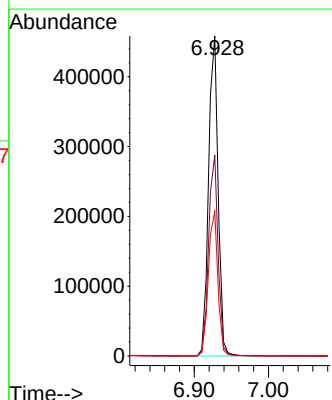
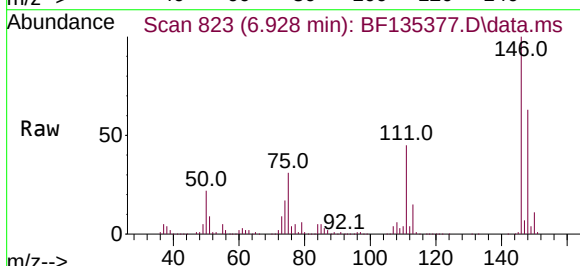
Tgt Ion:146 Resp: 412040

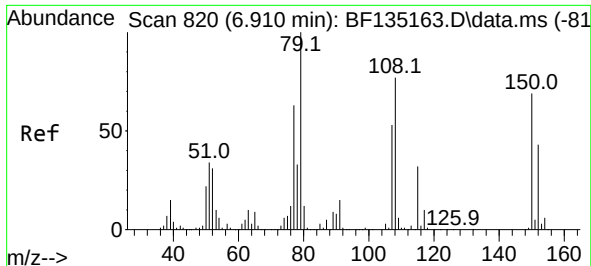
Ion Ratio Lower Upper

146 100

148 62.8 49.7 74.5

111 45.1 37.4 56.2

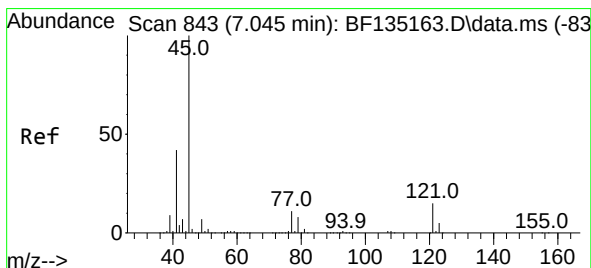
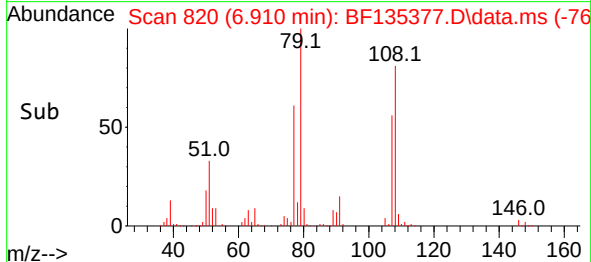
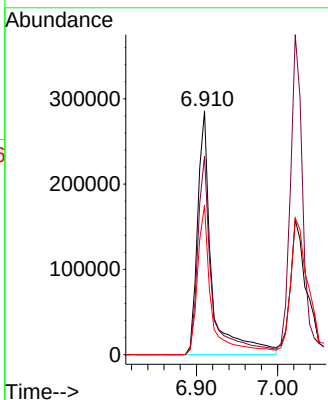
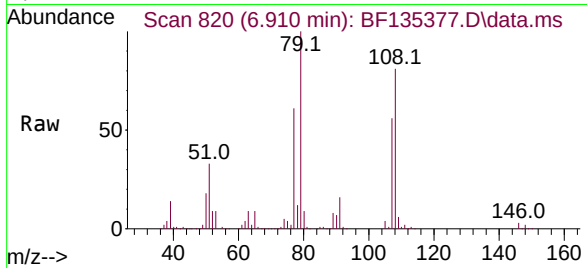




#15
Benzyl Alcohol
Concen: 40.111 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

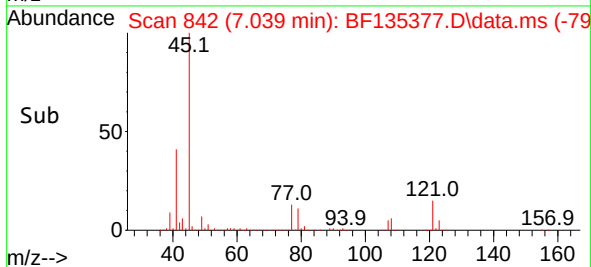
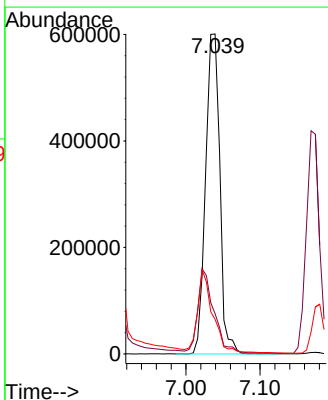
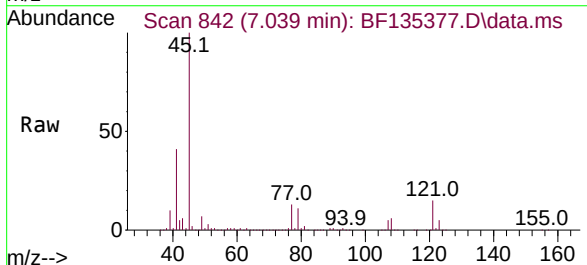
Instrument :
BNA_F
ClientSampleId :
TP-1MS

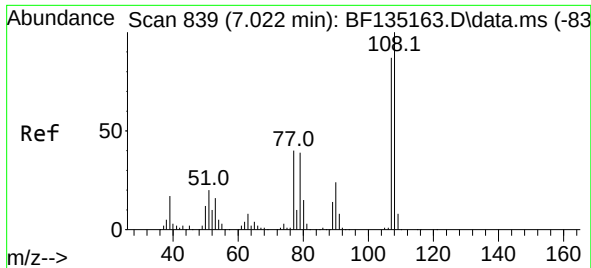
Tgt Ion: 79 Resp: 348721
Ion Ratio Lower Upper
79 100
108 81.4 61.2 91.8
77 61.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.694 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion: 45 Resp: 801942
Ion Ratio Lower Upper
45 100
77 12.6 0.0 30.6
79 10.8 0.0 28.3

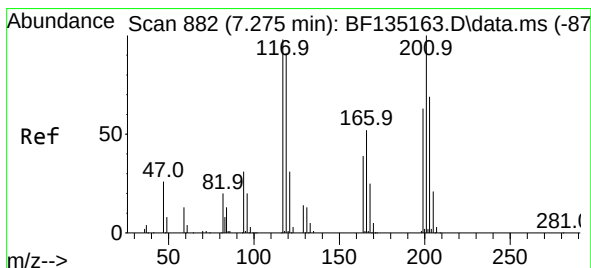
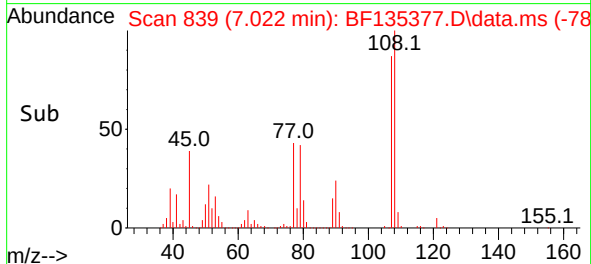
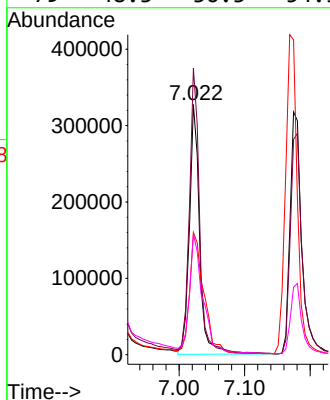
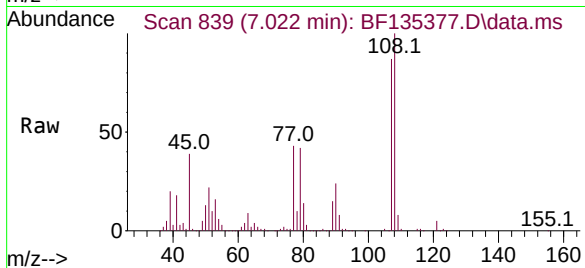




#17
2-Methylphenol
Concen: 39.395 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

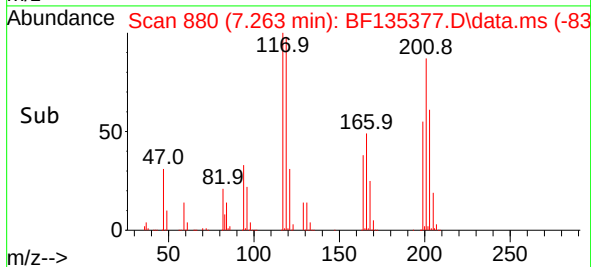
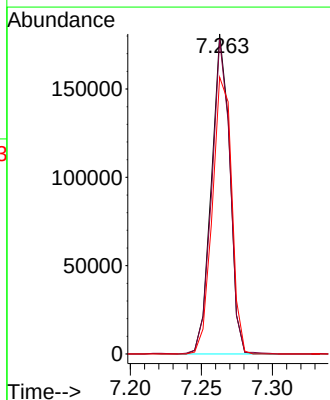
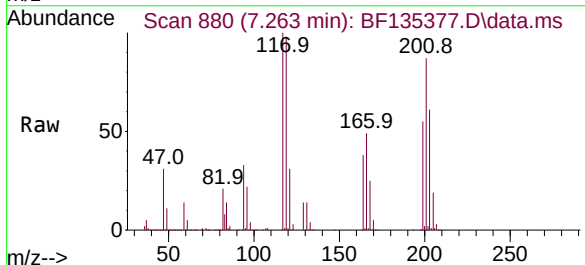
Instrument :
BNA_F
ClientSampleId :
TP-1MS

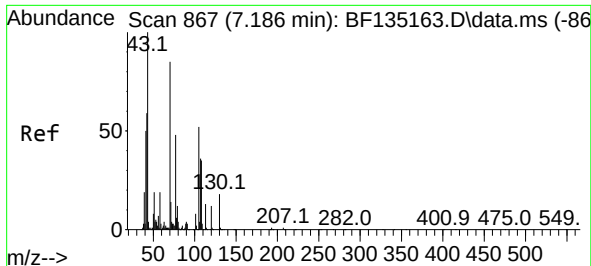
Tgt Ion:	107	Resp:	353595
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.0	138.0
77	48.9	36.7	55.1
79	48.3	36.3	54.5



#18
Hexachloroethane
Concen: 41.657 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:	117	Resp:	161873
Ion	Ratio	Lower	Upper
117	100		
119	98.3	74.7	112.1
201	86.5	81.8	122.8

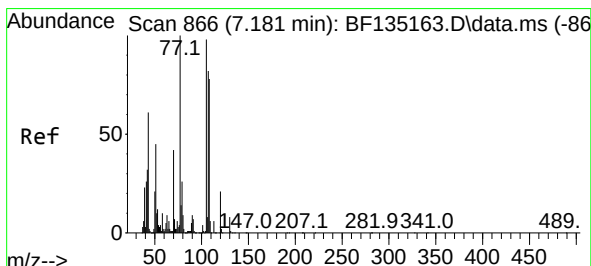
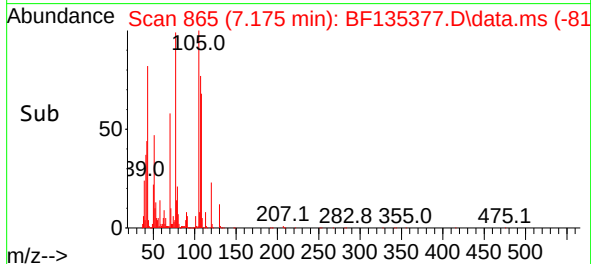
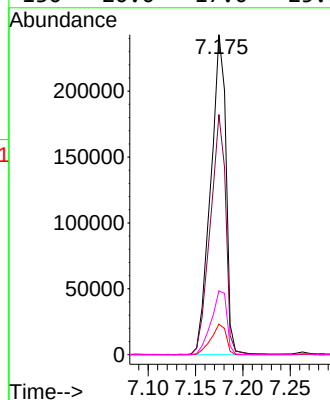
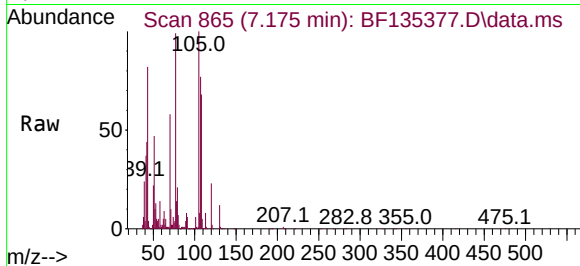




#19
n-Nitroso-di-n-propylamine
Concen: 36.337 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

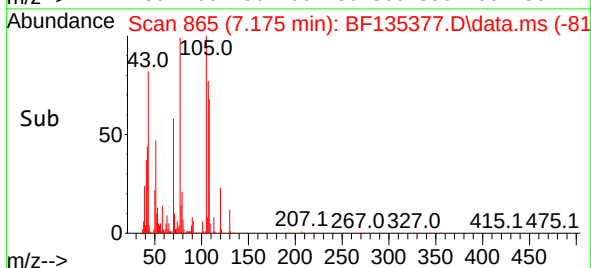
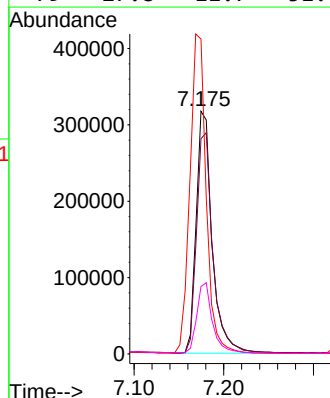
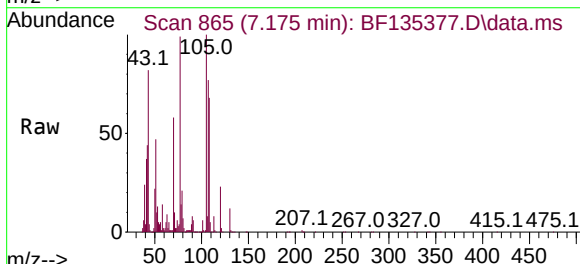
Instrument :
BNA_F
ClientSampleId :
TP-1MS

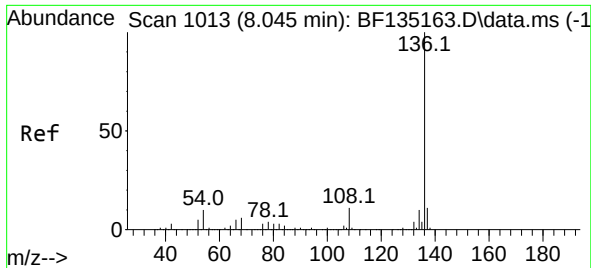
Tgt Ion: 70 Resp: 272682
Ion Ratio Lower Upper
70 100
42 75.1 55.4 83.0
101 9.6 7.7 11.5
130 20.0 17.0 25.6



#20
3+4-Methylphenols
Concen: 36.334 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion: 107 Resp: 392149
Ion Ratio Lower Upper
107 100
108 88.6 74.7 114.7
77 129.7 102.0 142.0
79 27.8 11.7 51.7

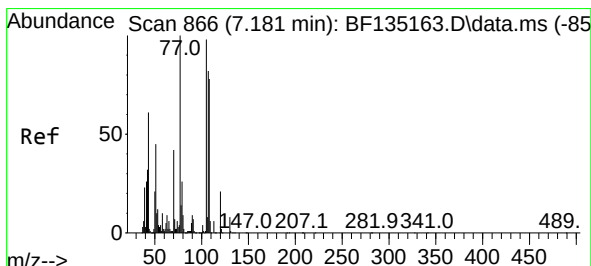
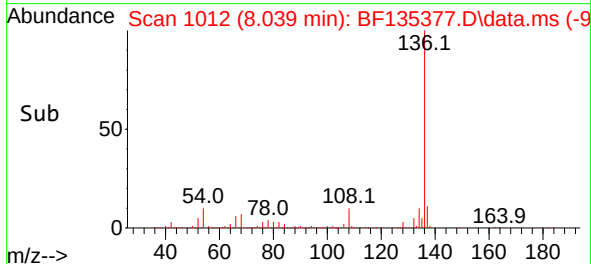
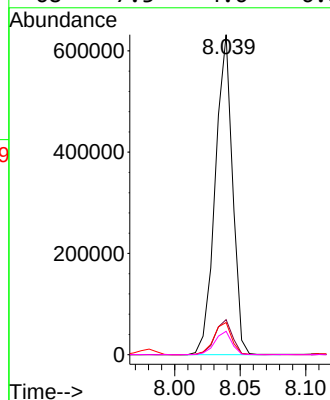
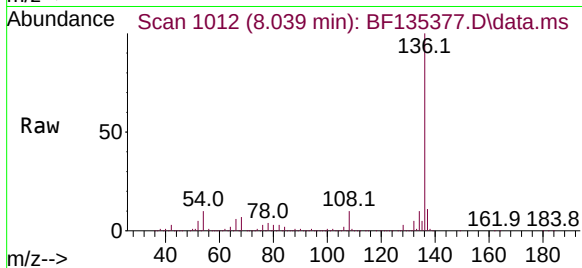




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

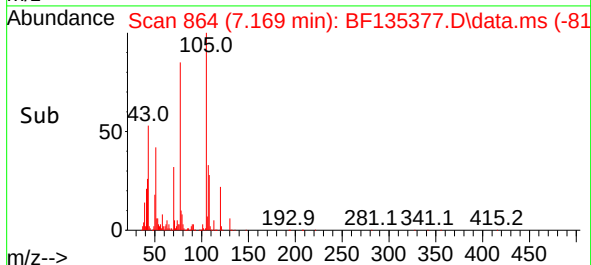
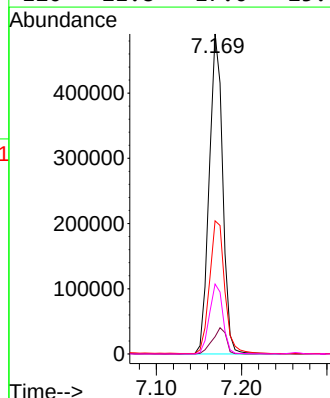
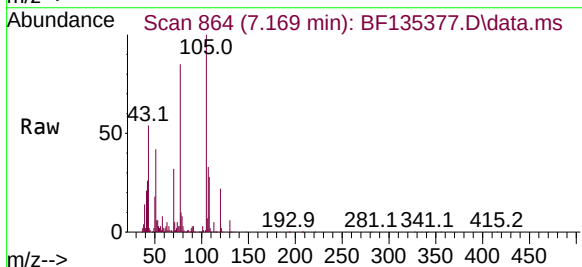
Instrument :
BNA_F
ClientSampleId :
TP-1MS

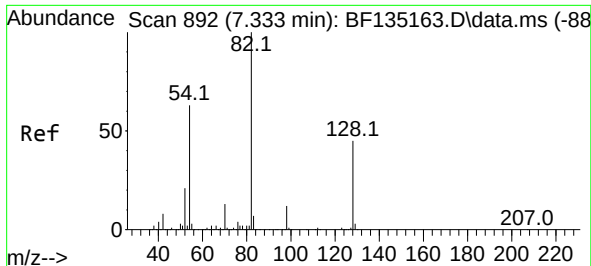
Tgt Ion:136 Resp: 577149
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.7 11.5
68 7.3 4.6 6.8#



#22
Acetophenone
Concen: 40.854 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:105 Resp: 539075
Ion Ratio Lower Upper
105 100
71 5.4 5.8 8.6#
51 41.6 37.0 55.4
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 50.521 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

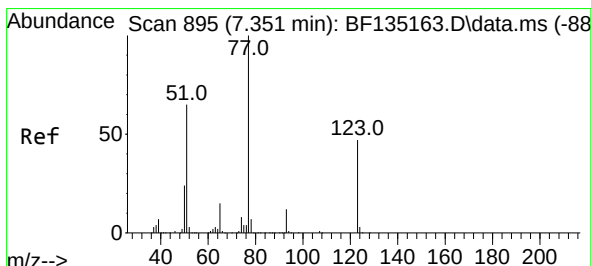
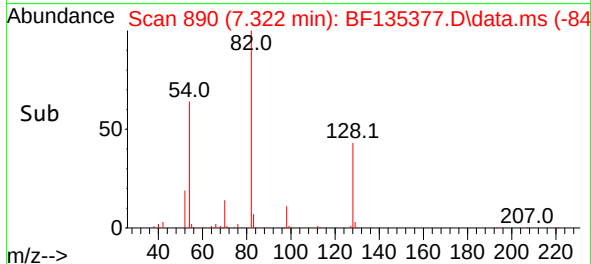
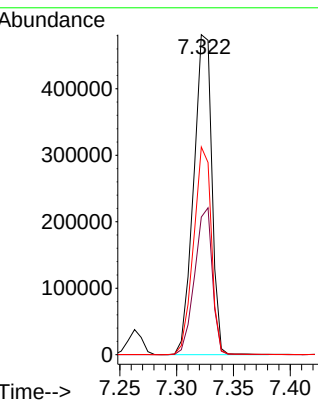
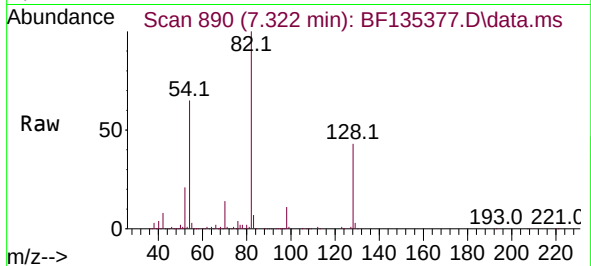
Tgt Ion: 82 Resp: 536697

Ion Ratio Lower Upper

82 100

128 43.0 35.8 53.6

54 64.9 50.6 76.0



#24

Nitrobenzene

Concen: 43.048 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

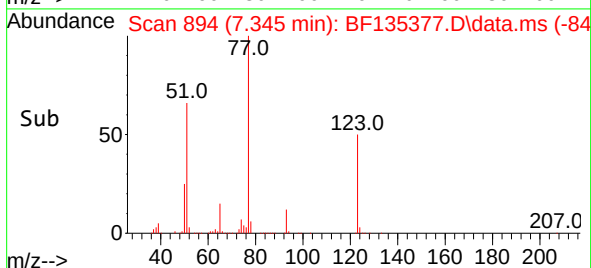
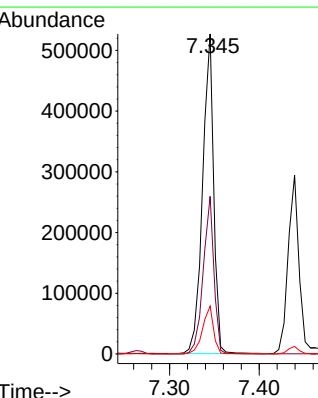
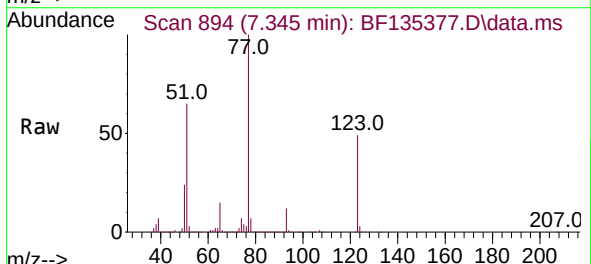
Tgt Ion: 77 Resp: 451997

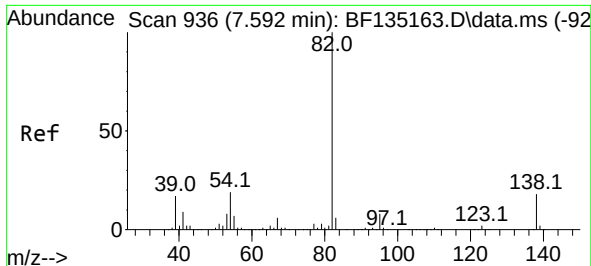
Ion Ratio Lower Upper

77 100

123 49.2 37.6 56.4

65 15.0 12.2 18.4

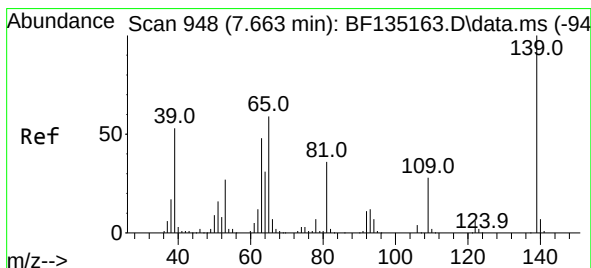
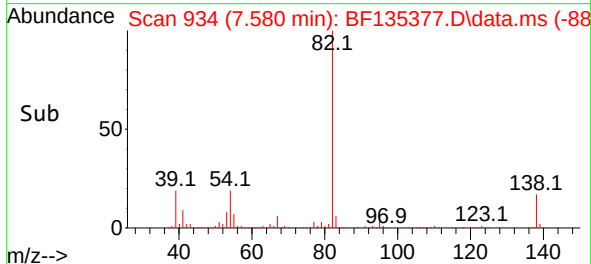
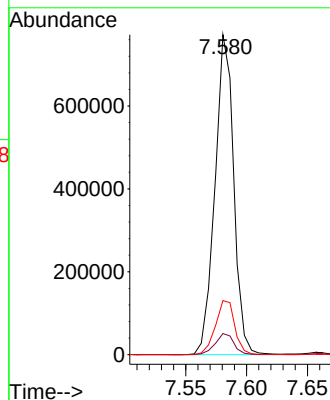
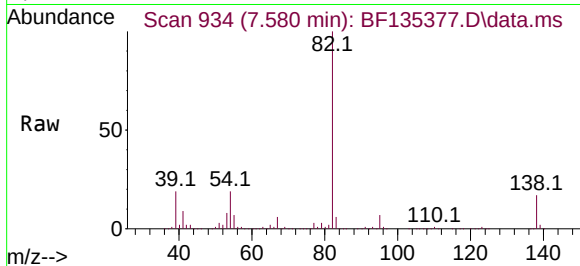




#25
Isophorone
Concen: 42.520 ng
RT: 7.580 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

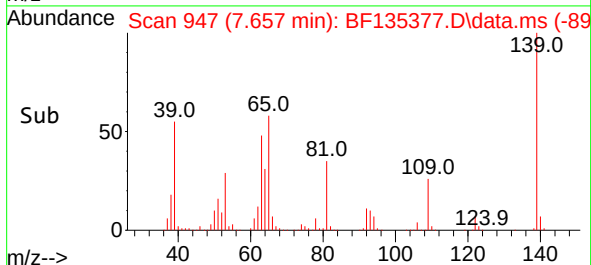
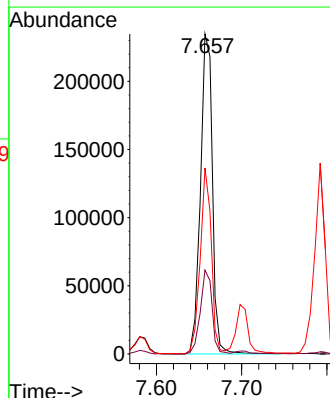
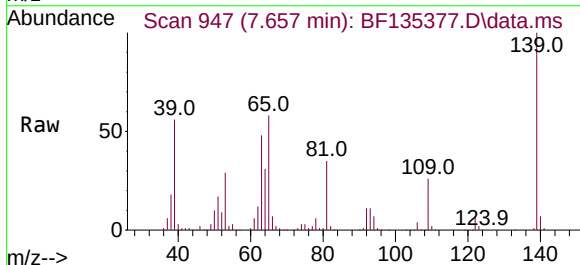
Instrument :
BNA_F
ClientSampleId :
TP-1MS

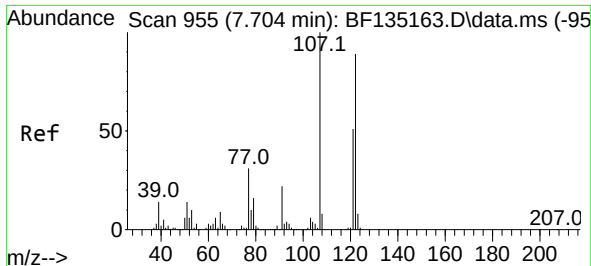
Tgt Ion: 82 Resp: 829429
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 16.9 14.5 21.7



#26
2-Nitrophenol
Concen: 45.418 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion: 139 Resp: 228880
Ion Ratio Lower Upper
139 100
109 26.2 22.6 33.8
65 58.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.007 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

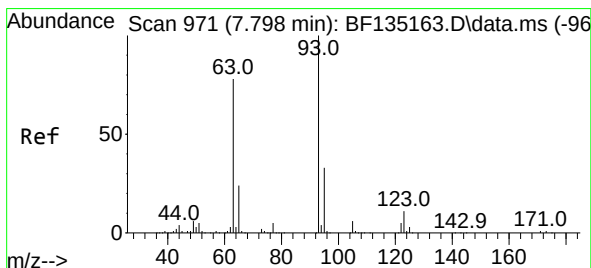
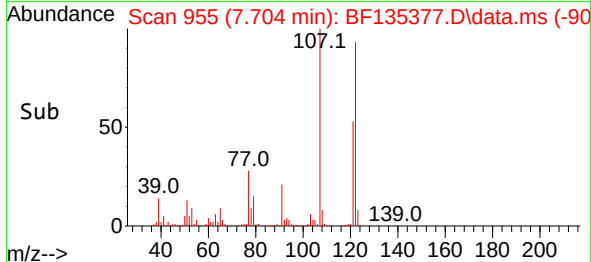
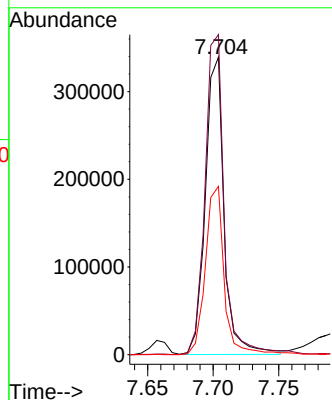
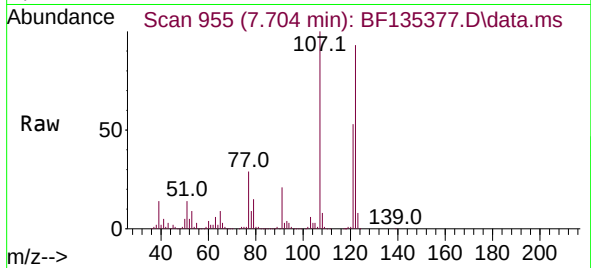
Tgt Ion:122 Resp: 338880

Ion Ratio Lower Upper

122 100

107 107.5 90.2 135.4

121 56.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.622 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

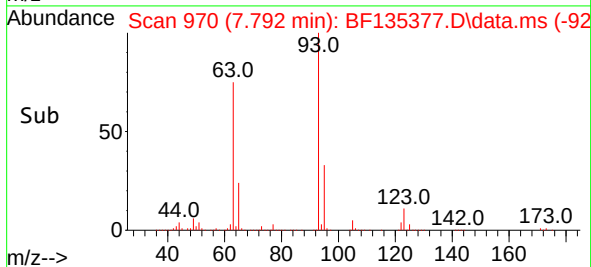
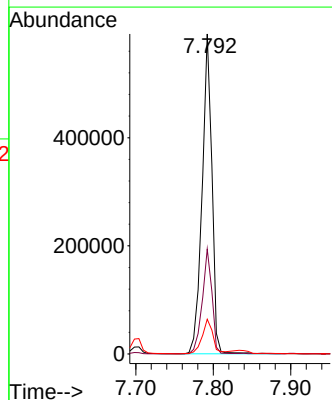
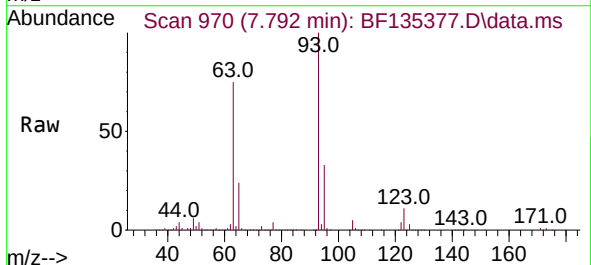
Tgt Ion: 93 Resp: 520981

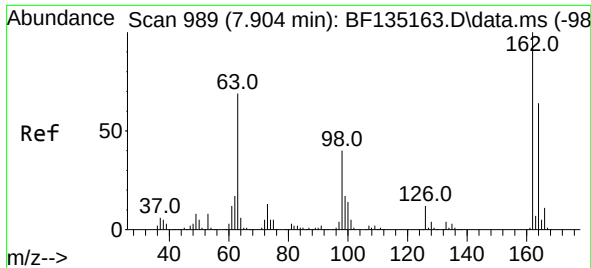
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 10.8 8.8 13.2

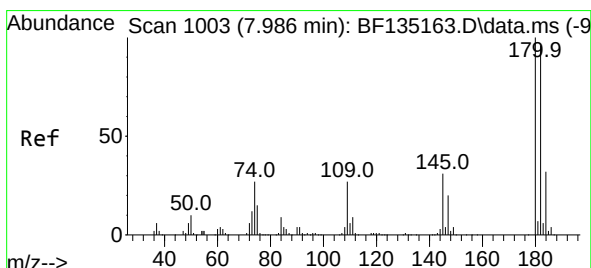
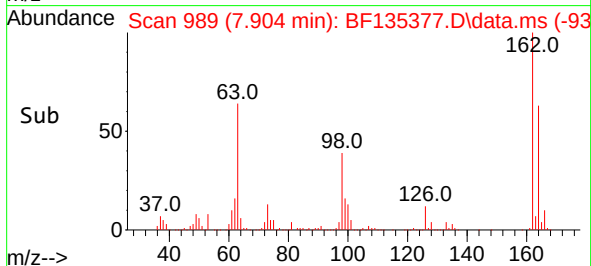
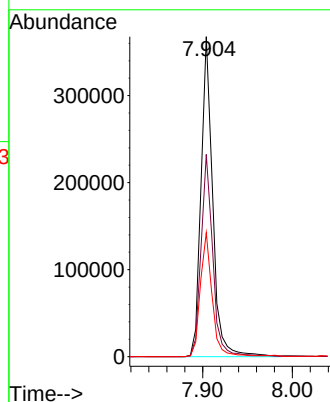
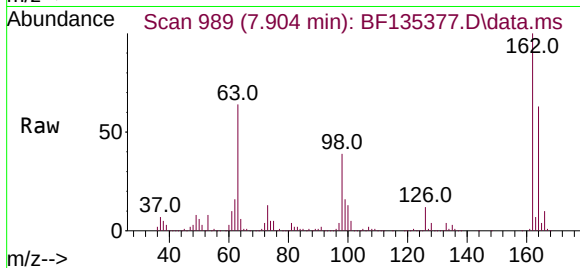




#29
2,4-Dichlorophenol
Concen: 42.427 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

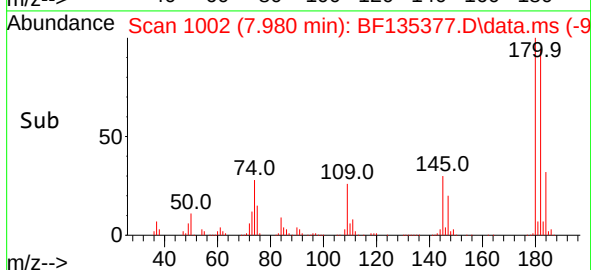
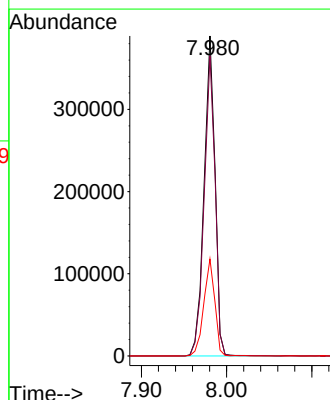
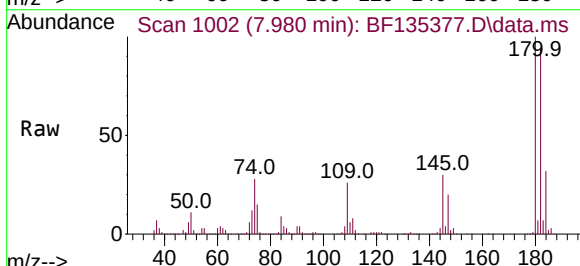
Instrument :
BNA_F
ClientSampleId :
TP-1MS

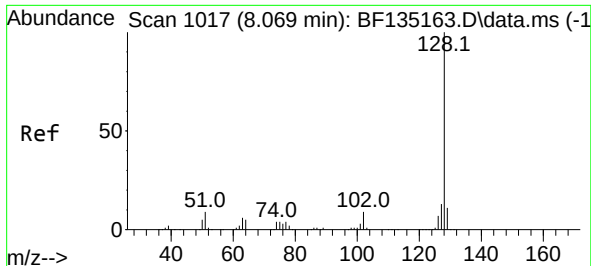
Tgt Ion:162 Resp: 333009
Ion Ratio Lower Upper
162 100
164 63.2 44.1 84.1
98 38.7 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 42.332 ng
RT: 7.980 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:180 Resp: 347289
Ion Ratio Lower Upper
180 100
182 93.8 76.9 115.3
145 30.3 24.5 36.7

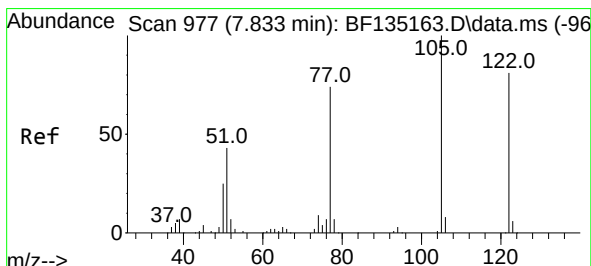
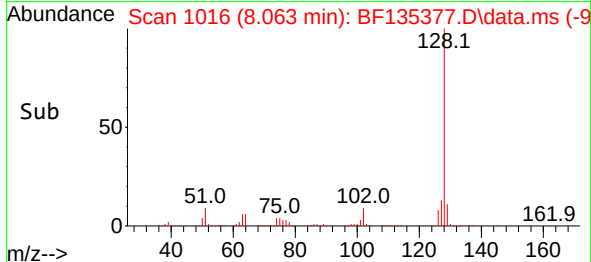
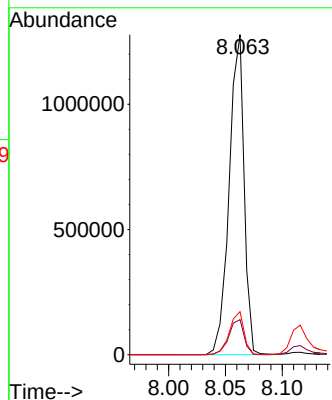
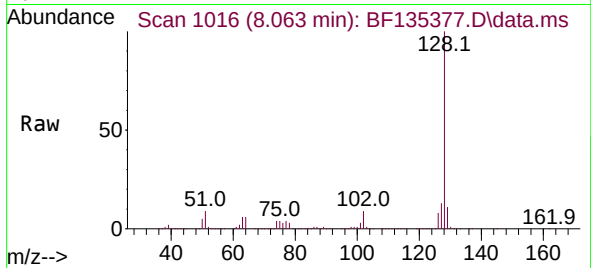




#31
Naphthalene
Concen: 41.660 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

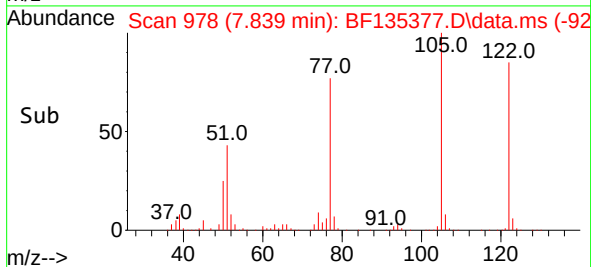
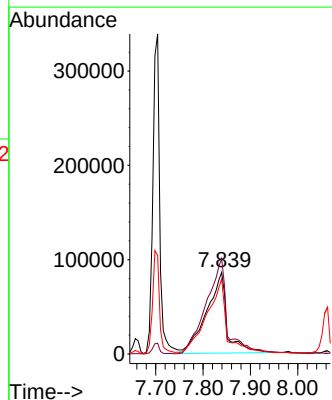
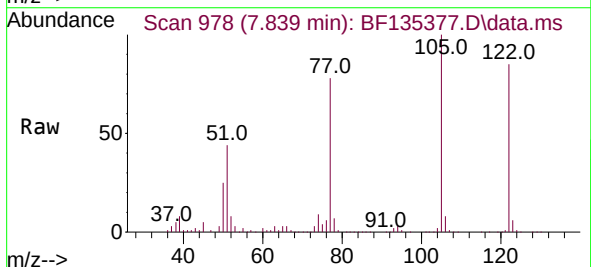
Instrument :
BNA_F
ClientSampleId :
TP-1MS

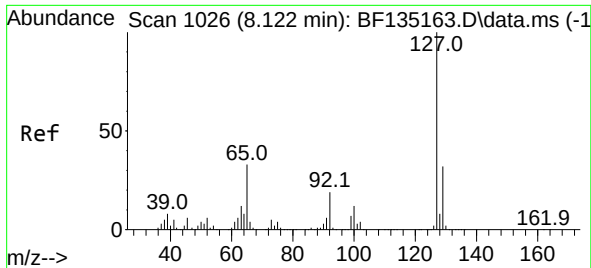
Tgt Ion:128 Resp: 1168230
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 40.420 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:122 Resp: 257817
Ion Ratio Lower Upper
122 100
105 117.0 99.9 139.9
77 91.7 70.0 110.0

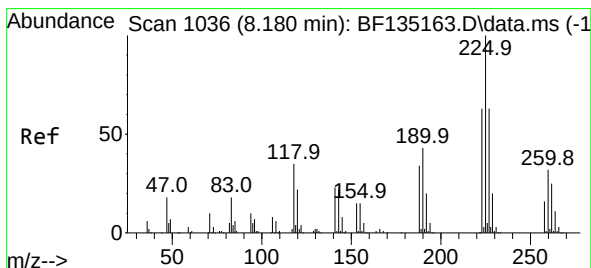
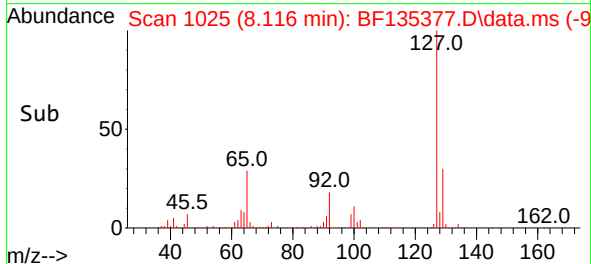
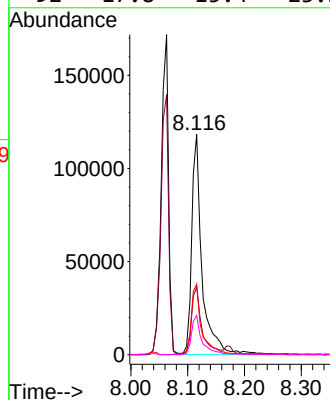
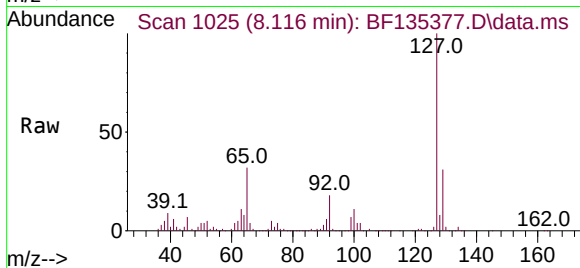




#33
4-Chloroaniline
Concen: 12.113 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

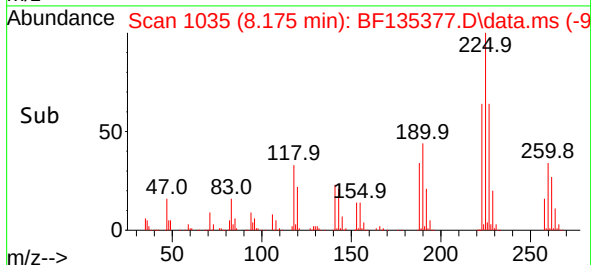
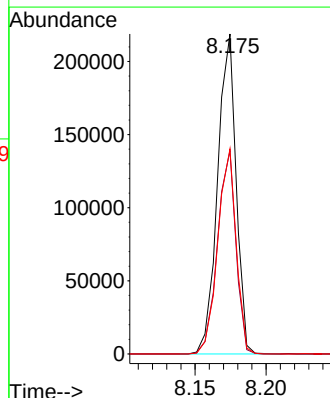
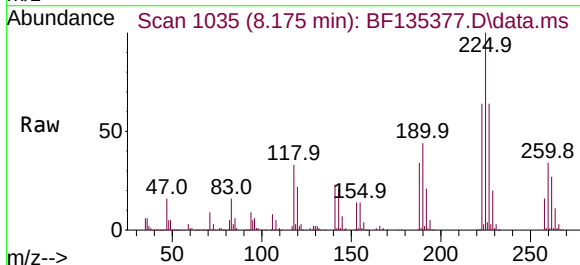
Instrument :
BNA_F
ClientSampleId :
TP-1MS

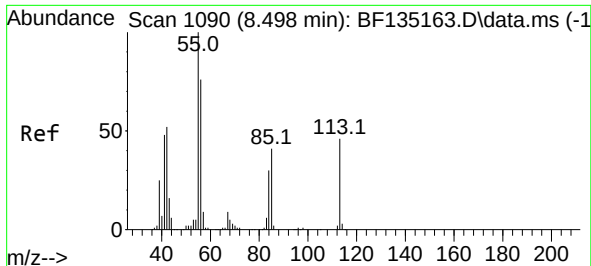
Tgt Ion:127	Resp: 149030
Ion Ratio	Lower Upper
127 100	
129 30.8	25.8 38.8
65 32.1	26.6 39.8
92 17.8	15.4 23.2



#34
Hexachlorobutadiene
Concen: 40.028 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:225	Resp: 198014
Ion Ratio	Lower Upper
225 100	
223 63.6	50.6 75.8
227 64.1	50.8 76.2

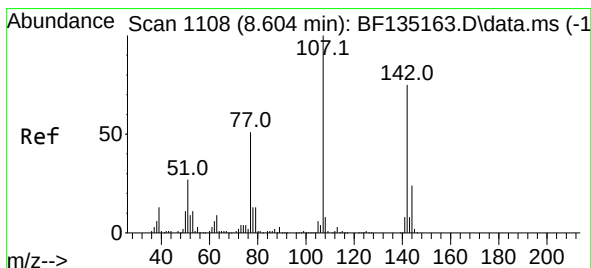
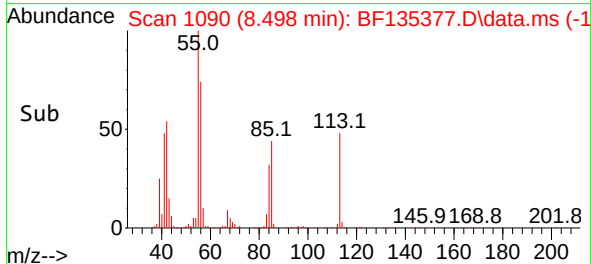
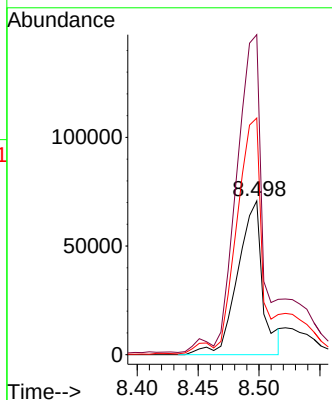
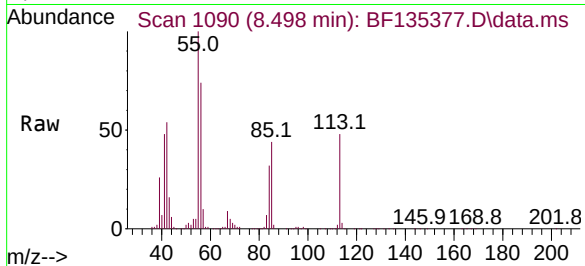




#35
 Caprolactam
 Concen: 38.298 ng
 RT: 8.498 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF135377.D
 Acq: 21 Sep 2023 13:29

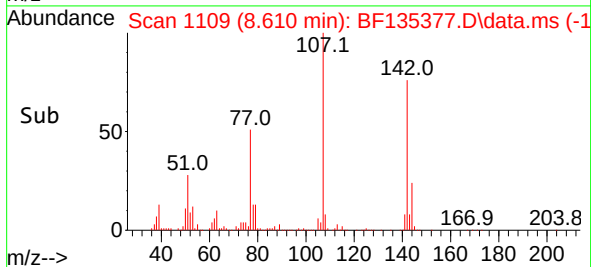
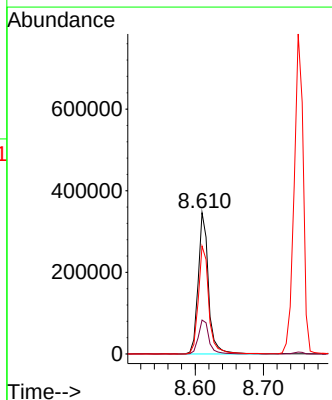
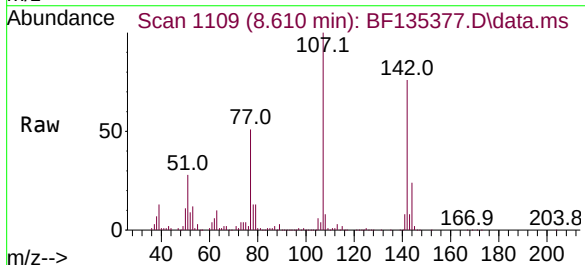
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

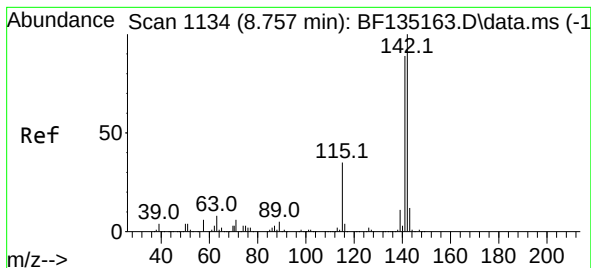
Tgt Ion:113 Resp: 100887
 Ion Ratio Lower Upper
 113 100
 55 208.1 199.3 239.3
 56 153.9 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.287 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135377.D
 Acq: 21 Sep 2023 13:29

Tgt Ion:107 Resp: 360170
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.0 28.4
 142 76.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.661 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

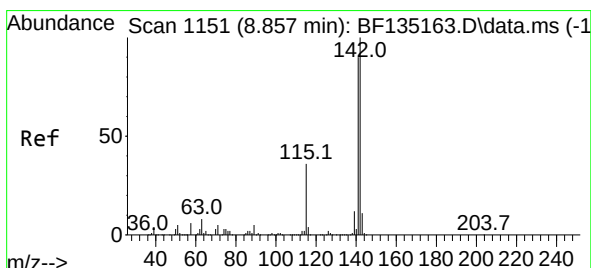
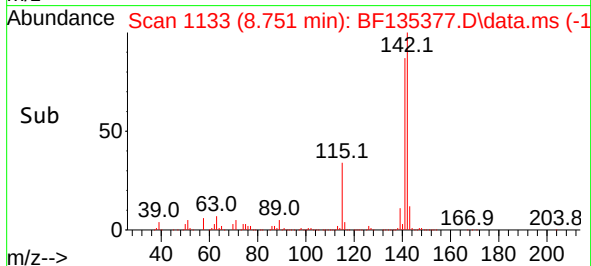
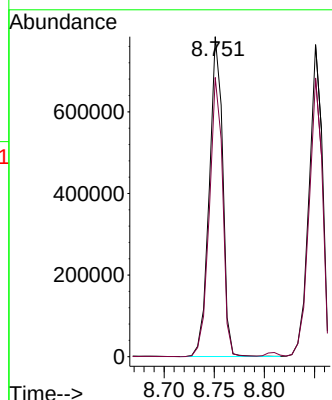
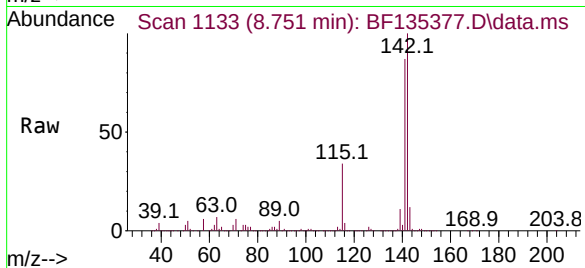
TP-1MS

Tgt Ion:142 Resp: 728755

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.716 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135377.D

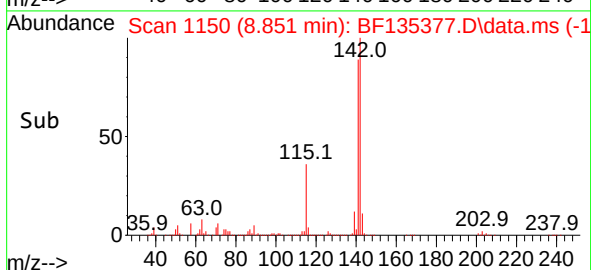
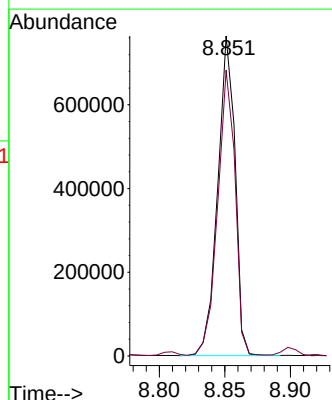
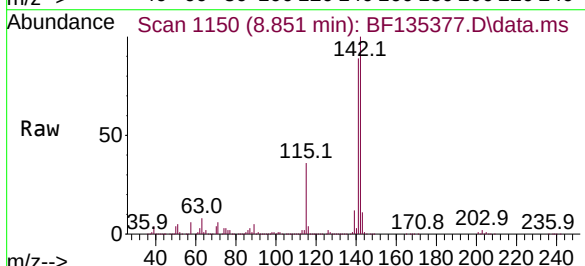
Acq: 21 Sep 2023 13:29

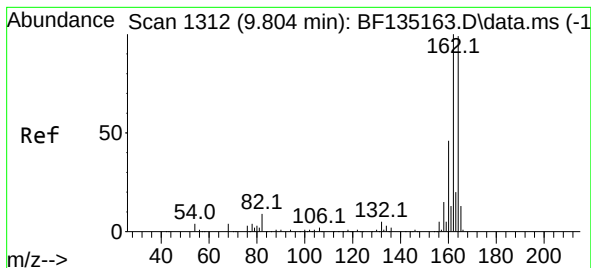
Tgt Ion:142 Resp: 700895

Ion Ratio Lower Upper

142 100

141 89.3 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: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

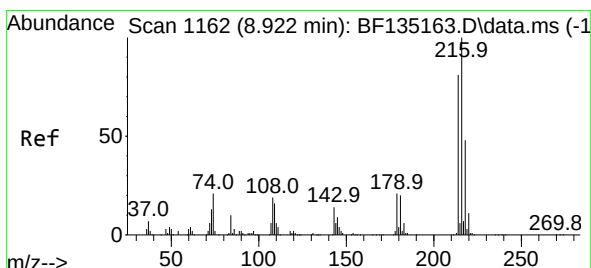
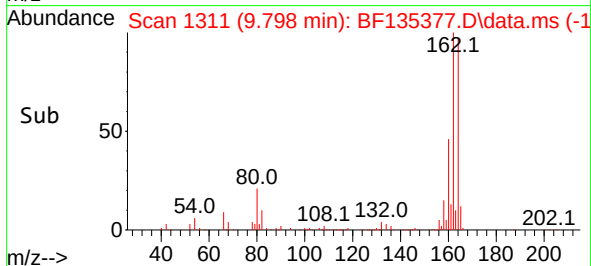
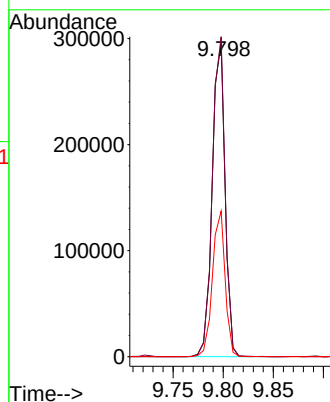
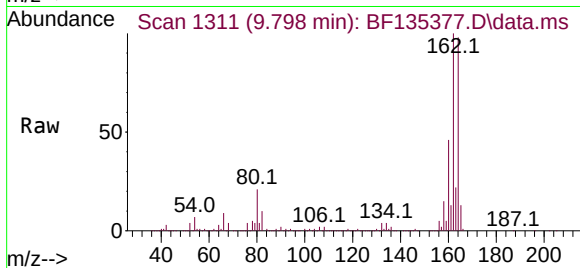
Tgt Ion:164 Resp: 264602

Ion Ratio Lower Upper

164 100

162 102.1 81.0 121.4

160 46.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.549 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Tgt Ion:216 Resp: 333834

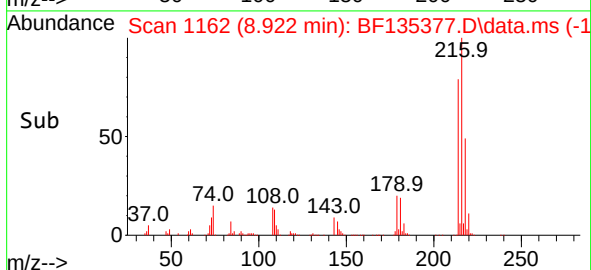
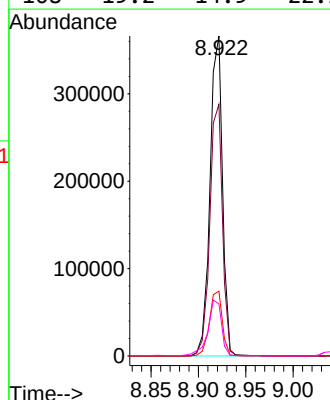
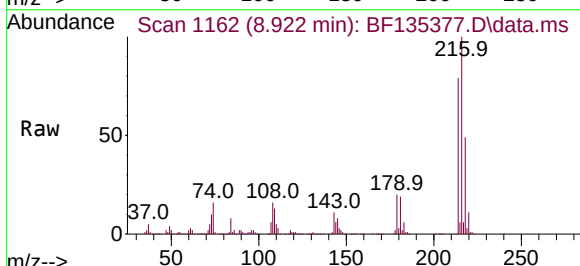
Ion Ratio Lower Upper

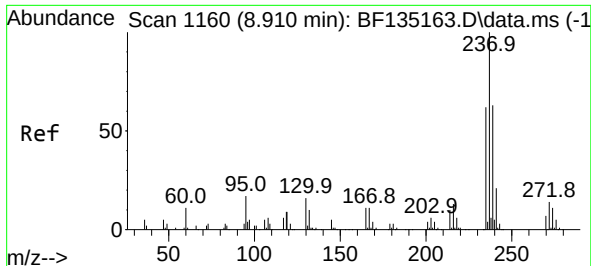
216 100

214 80.0 63.7 95.5

179 20.9 16.7 25.1

108 19.2 14.9 22.3

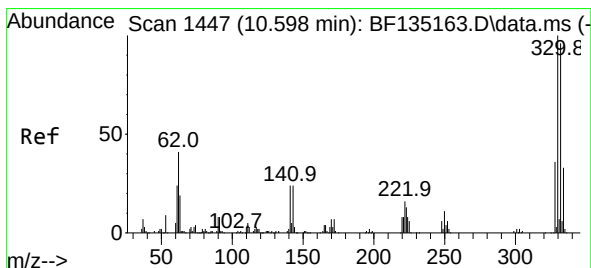
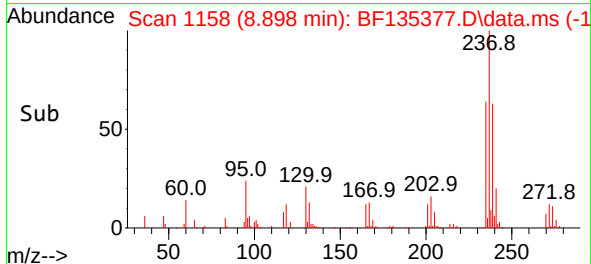
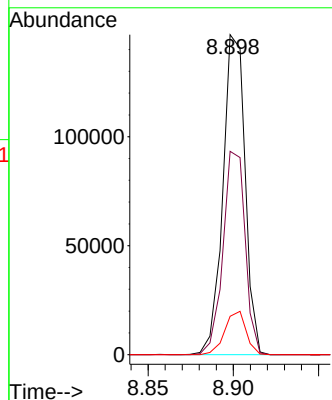
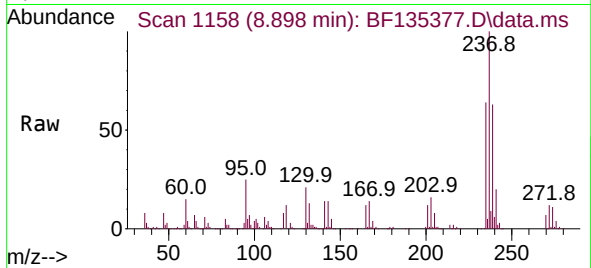




#41
Hexachlorocyclopentadiene
Concen: 43.192 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

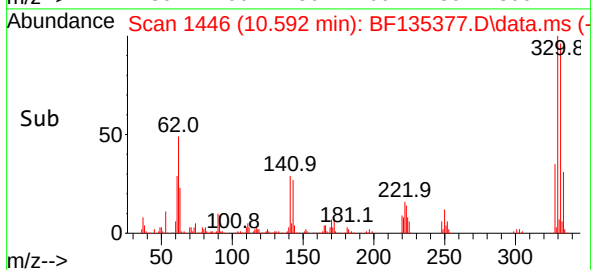
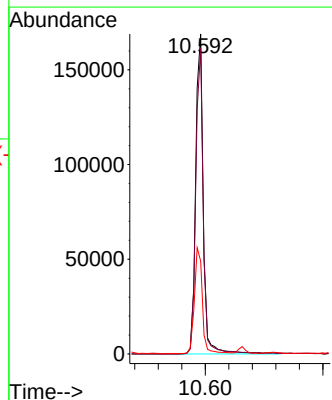
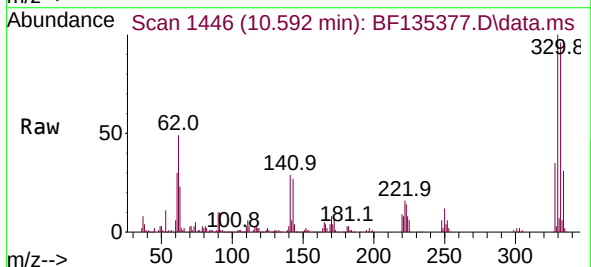
Instrument :
BNA_F
ClientSampleId :
TP-1MS

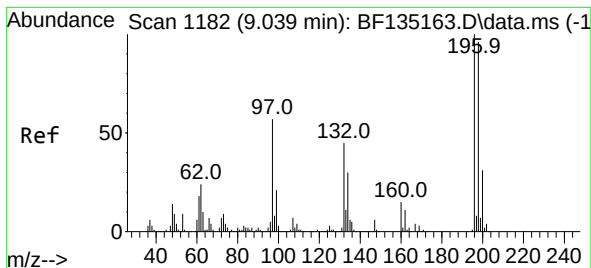
Tgt Ion: 237 Resp: 133248
Ion Ratio Lower Upper
237 100
235 63.5 41.8 81.8
272 12.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 58.146 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion: 330 Resp: 152896
Ion Ratio Lower Upper
330 100
332 94.0 77.3 115.9
141 35.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 43.870 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

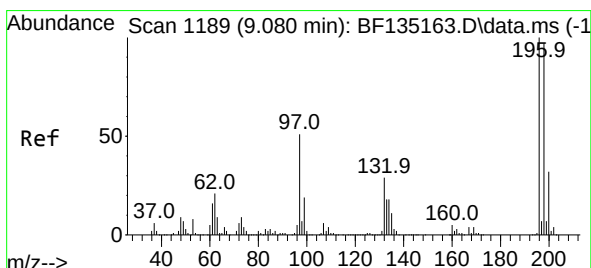
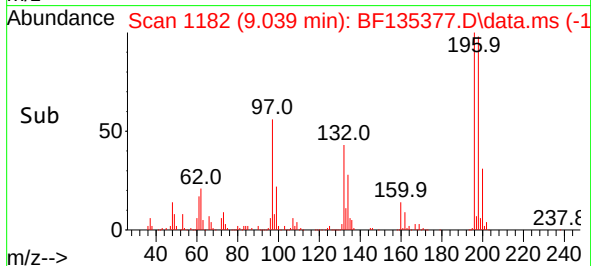
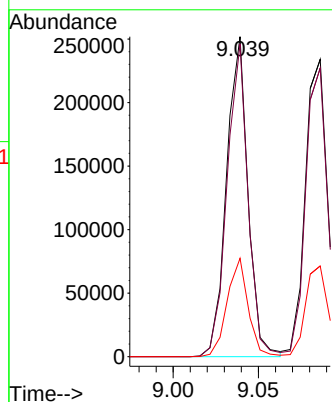
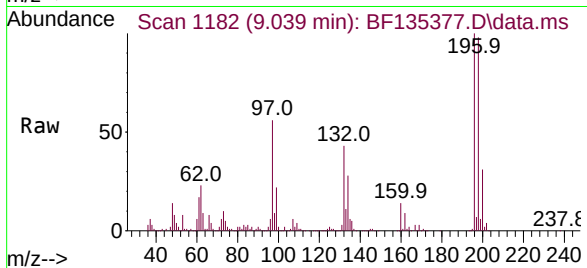
Tgt Ion:196 Resp: 220188

Ion Ratio Lower Upper

196 100

198 97.8 77.0 115.6

200 30.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.140 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Tgt Ion:196 Resp: 237790

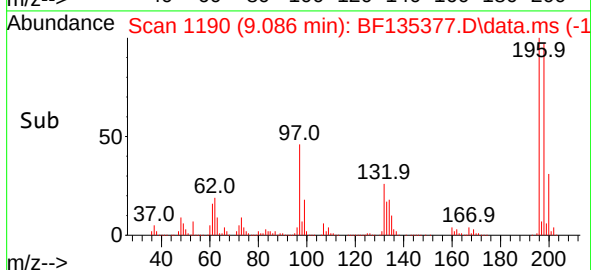
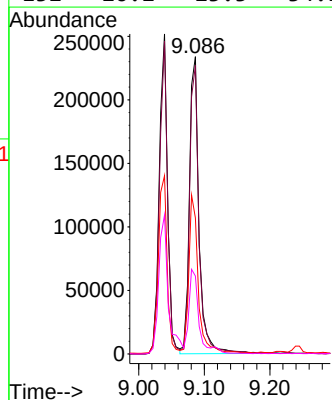
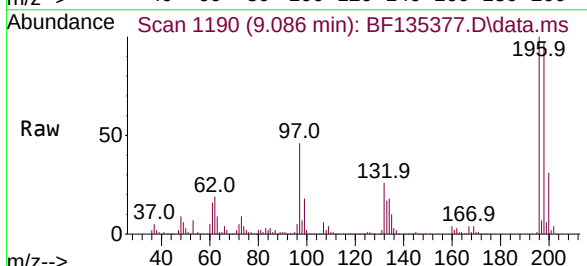
Ion Ratio Lower Upper

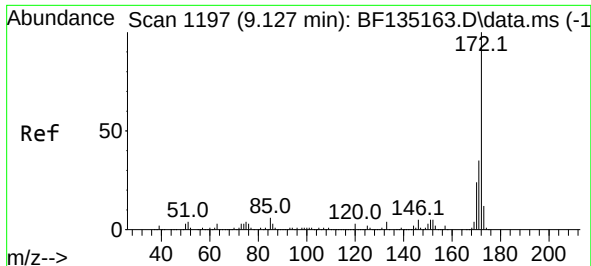
196 100

198 97.1 77.5 116.3

97 45.8 40.5 60.7

132 26.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 50.124 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

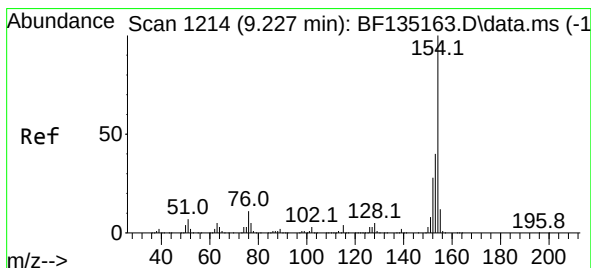
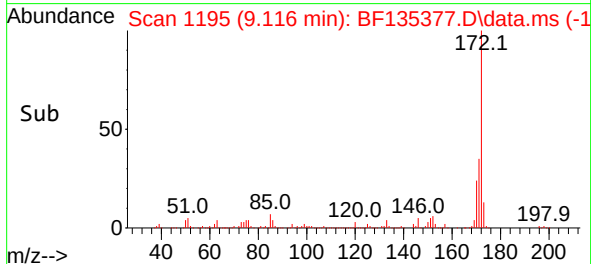
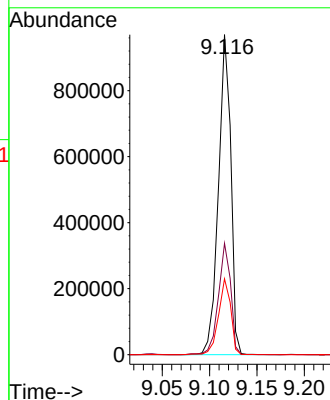
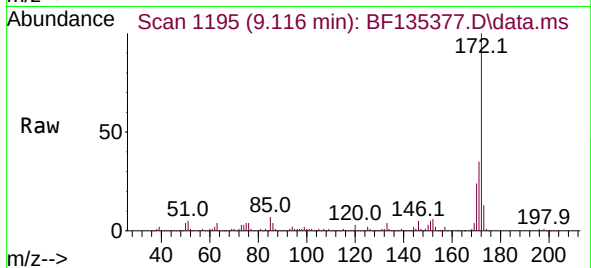
Tgt Ion:172 Resp: 879084

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 43.464 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

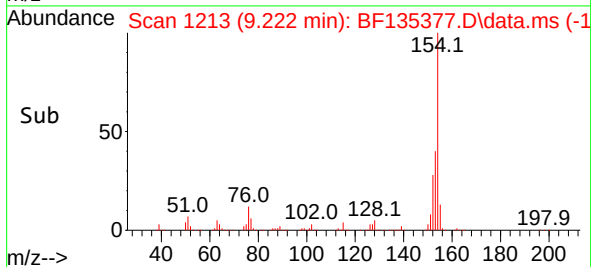
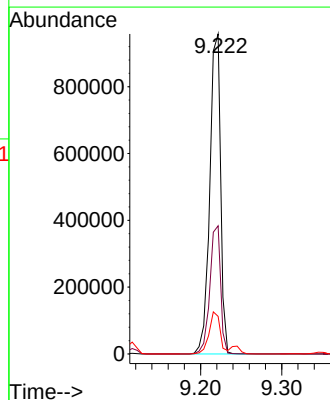
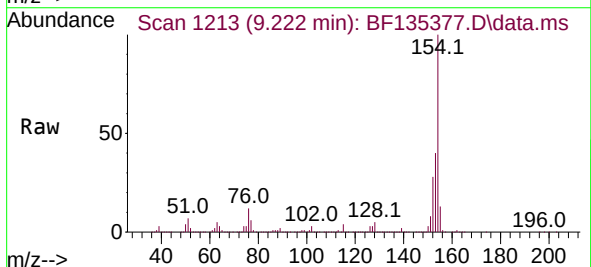
Tgt Ion:154 Resp: 883801

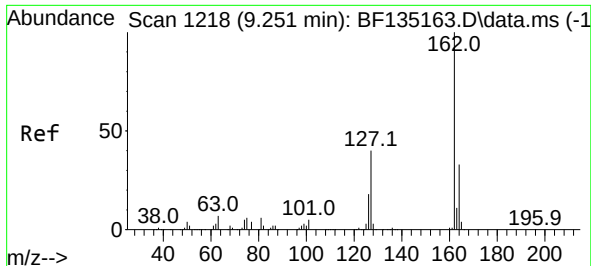
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 11.8 0.0 31.0

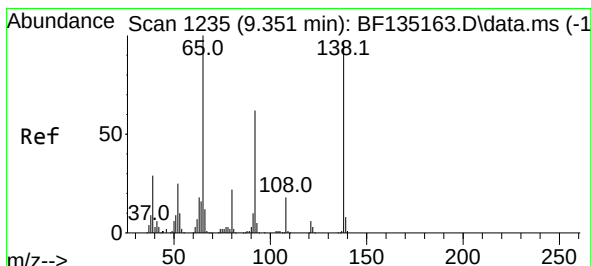
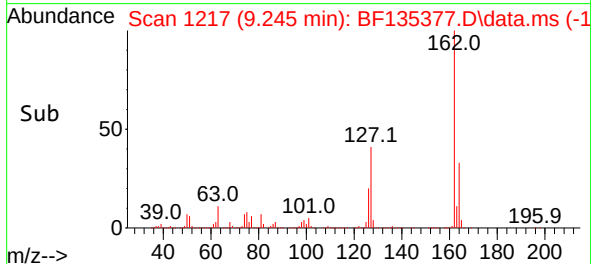
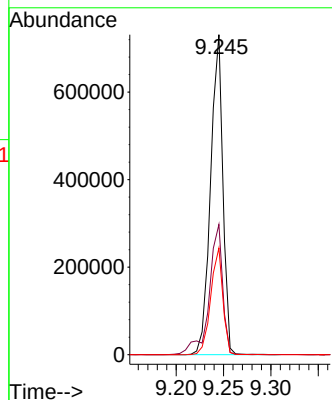
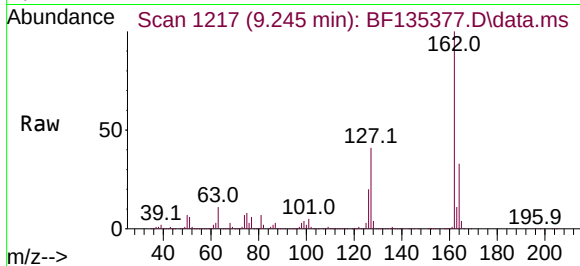




#47
2-Chloronaphthalene
Concen: 44.560 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

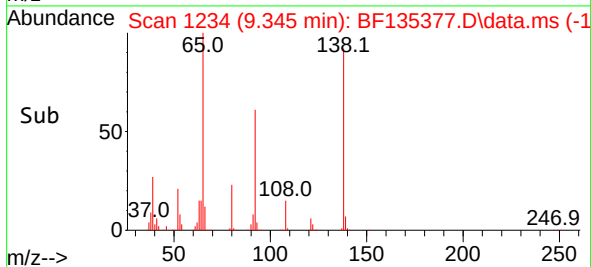
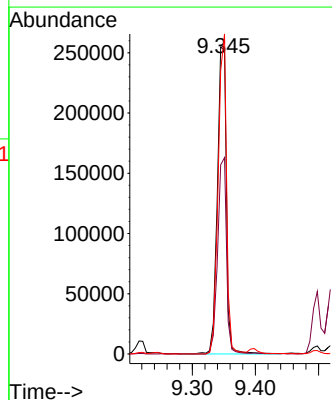
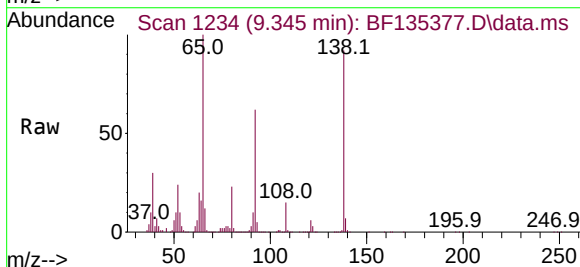
Instrument :
BNA_F
ClientSampleId :
TP-1MS

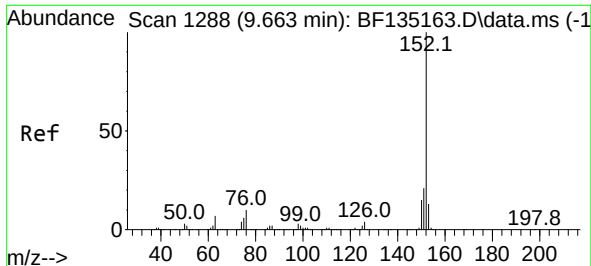
Tgt Ion:162 Resp: 657430
Ion Ratio Lower Upper
162 100
127 40.7 32.6 48.8
164 33.4 26.2 39.2



#48
2-Nitroaniline
Concen: 43.980 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion: 65 Resp: 252081
Ion Ratio Lower Upper
65 100
92 61.6 49.4 74.0
138 92.4 77.4 116.0





#49

Acenaphthylene

Concen: 43.681 ng

RT: 9.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

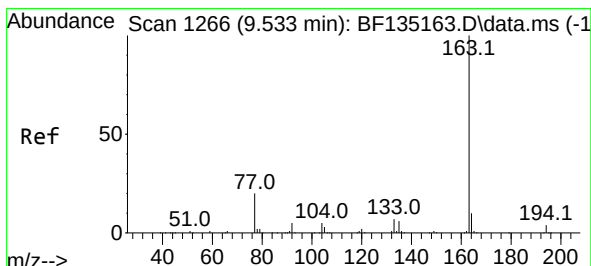
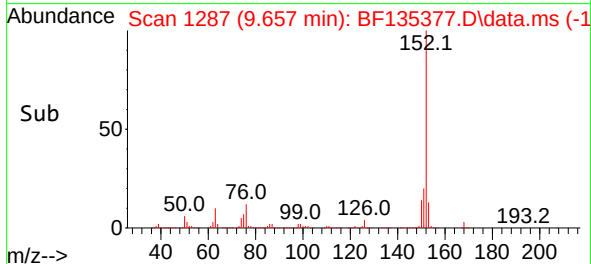
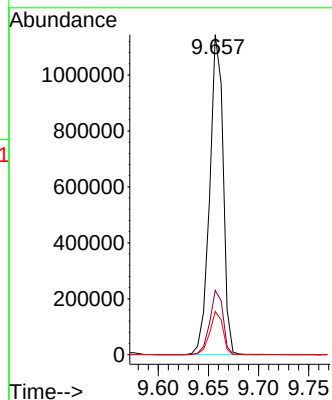
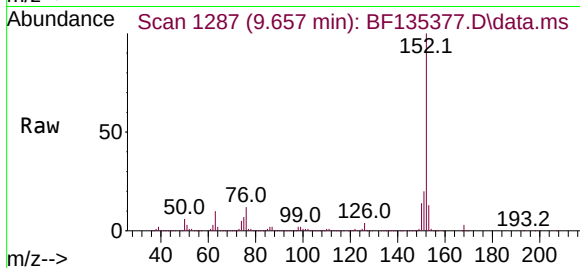
Tgt Ion:152 Resp: 1071046

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 43.498 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

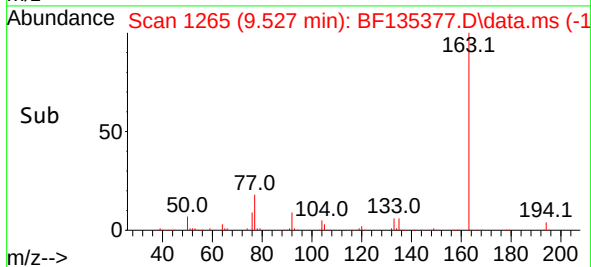
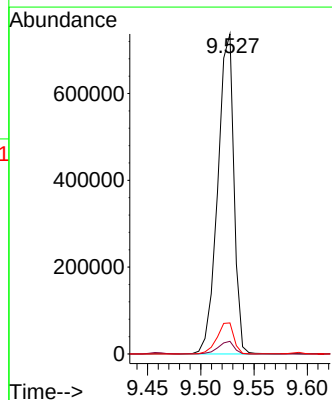
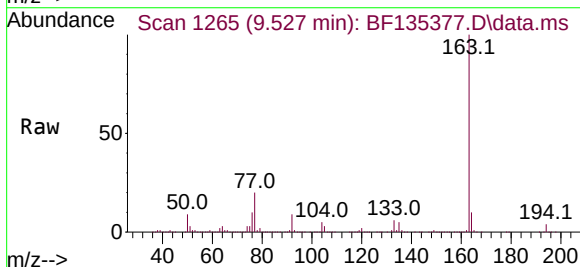
Tgt Ion:163 Resp: 778169

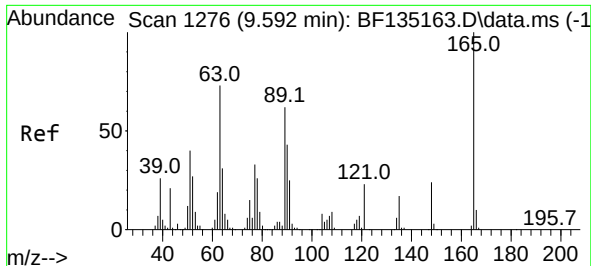
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.7 8.1 12.1

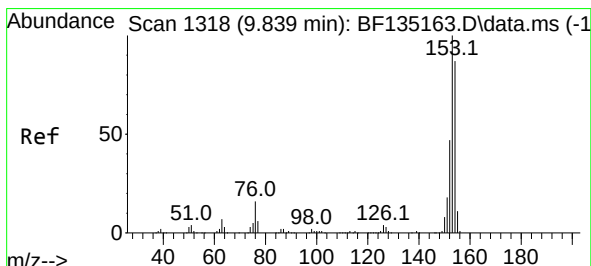
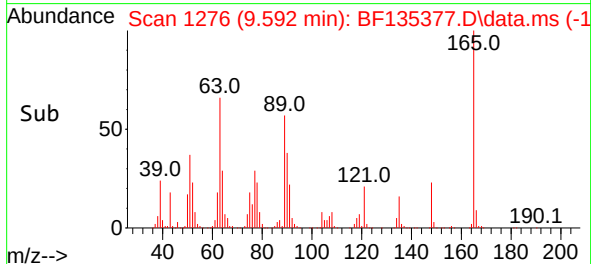
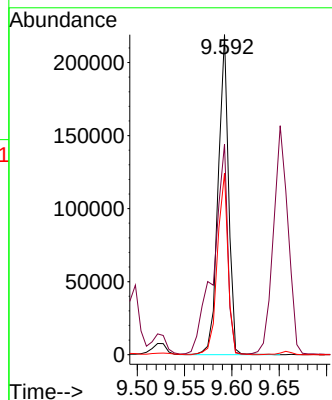
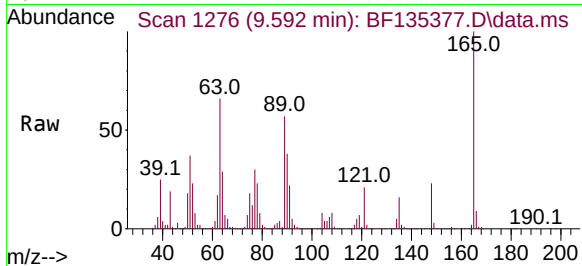




#51
2,6-Dinitrotoluene
Concen: 42.921 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

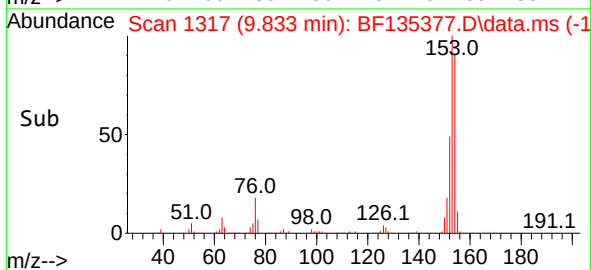
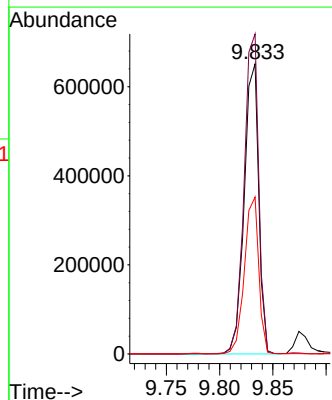
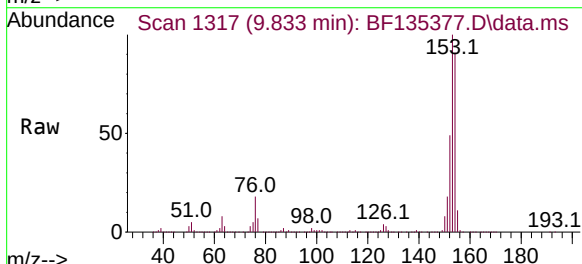
Instrument :
BNA_F
ClientSampleId :
TP-1MS

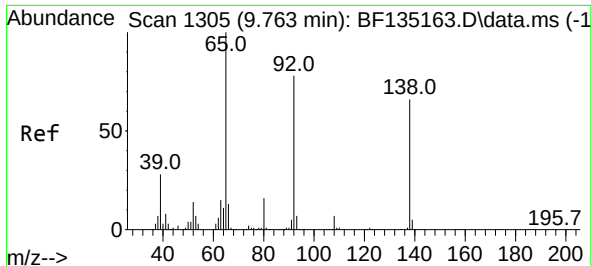
Tgt Ion:165 Resp: 168210
Ion Ratio Lower Upper
165 100
63 65.8 59.4 89.2
89 56.7 49.8 74.8



#52
Acenaphthene
Concen: 42.891 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:154 Resp: 621266
Ion Ratio Lower Upper
154 100
153 110.3 92.1 138.1
152 54.1 43.1 64.7

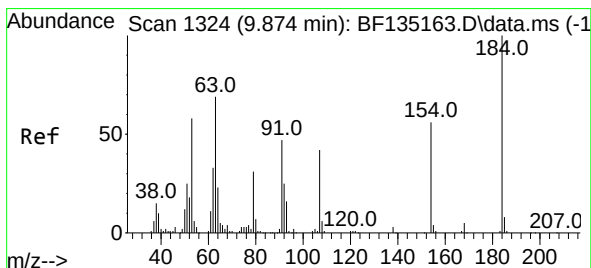
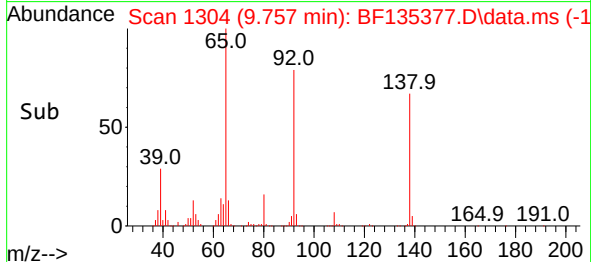
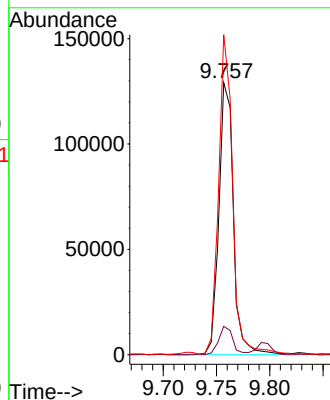
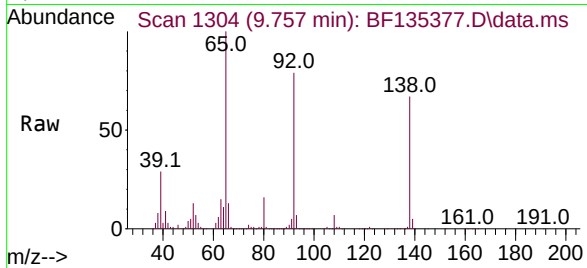




#53
3-Nitroaniline
Concen: 26.472 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

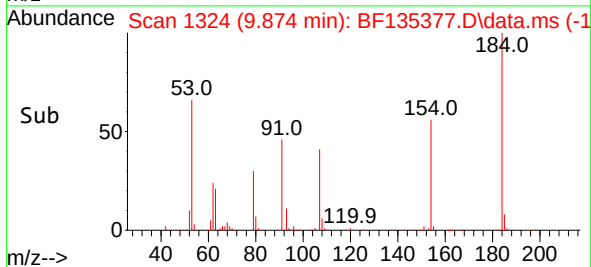
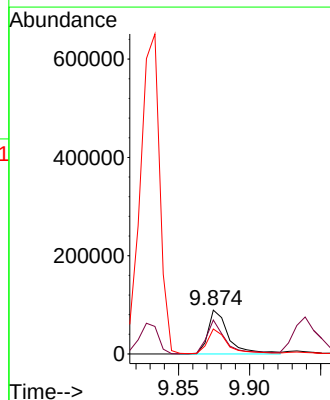
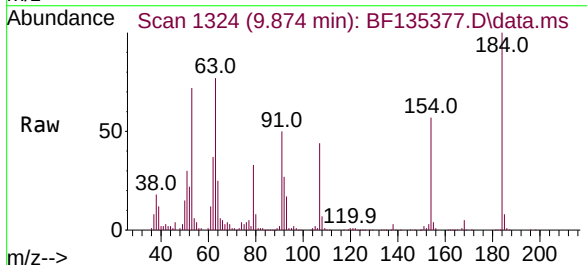
Instrument :
BNA_F
ClientSampleId :
TP-1MS

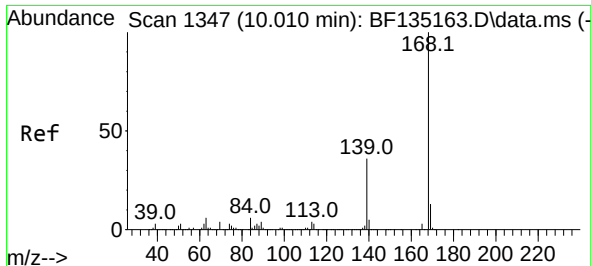
Tgt Ion:138 Resp: 121780
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 117.7 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 43.174 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:184 Resp: 89115
Ion Ratio Lower Upper
184 100
63 77.4 55.1 82.7
154 57.0 48.4 72.6

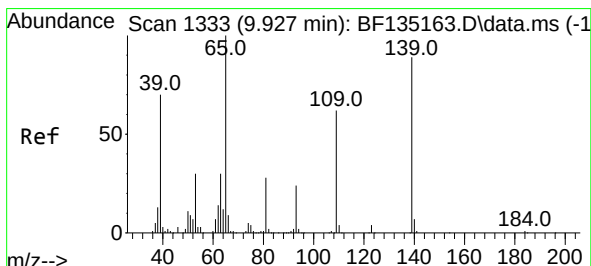
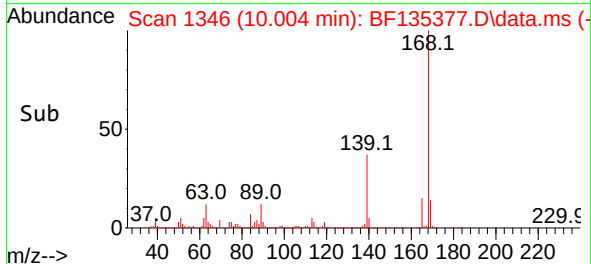
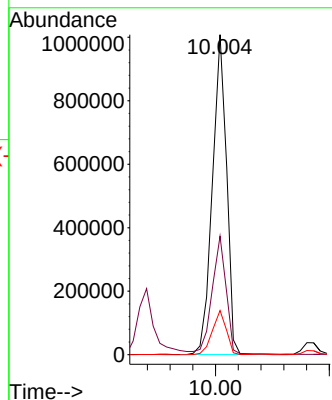
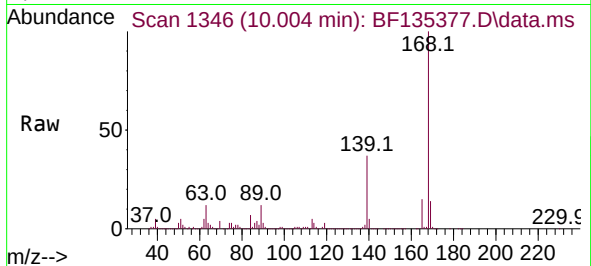




#55
Dibenzofuran
Concen: 39.341 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

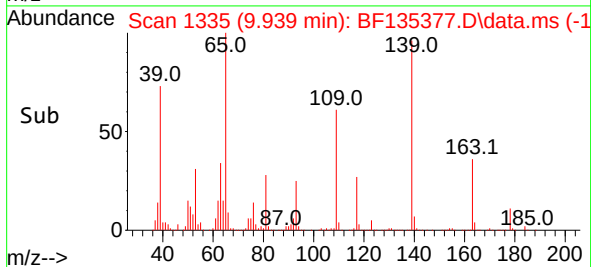
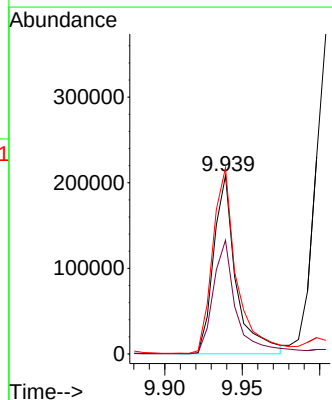
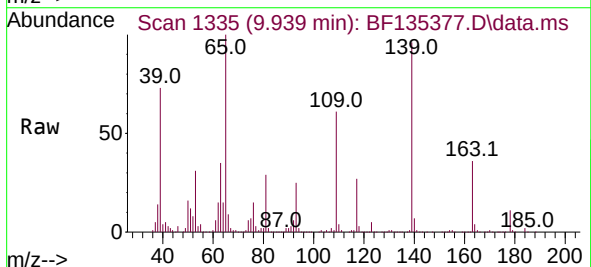
Instrument :
BNA_F
ClientSampleId :
TP-1MS

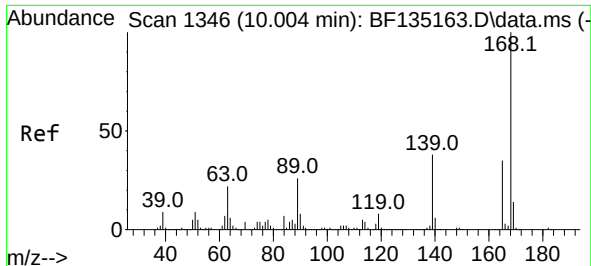
Tgt Ion:168 Resp: 869582
Ion Ratio Lower Upper
168 100
139 37.1 29.0 43.6
169 13.8 10.4 15.6



#56
4-Nitrophenol
Concen: 71.682 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:139 Resp: 209580
Ion Ratio Lower Upper
139 100
109 63.7 49.8 89.8
65 104.4 92.7 132.7

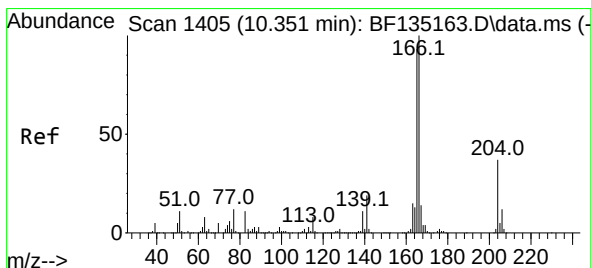
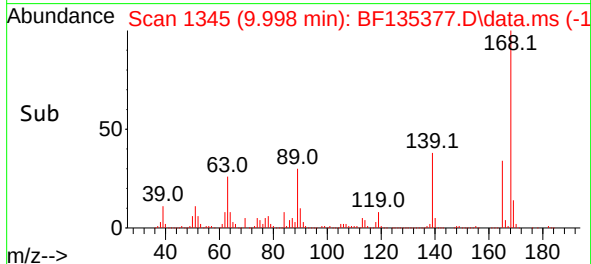
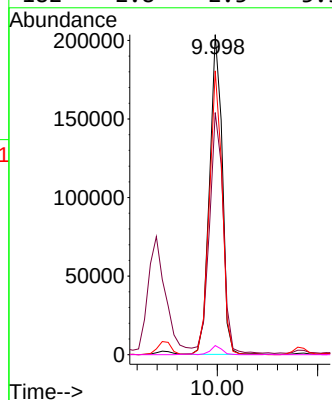
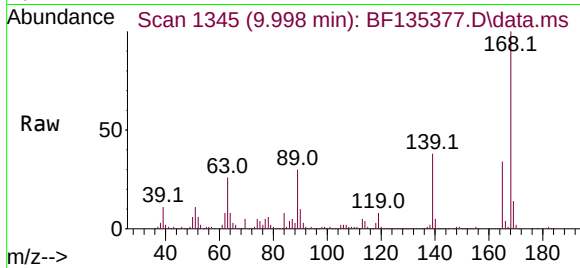




#57
2,4-Dinitrotoluene
Concen: 36.700 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

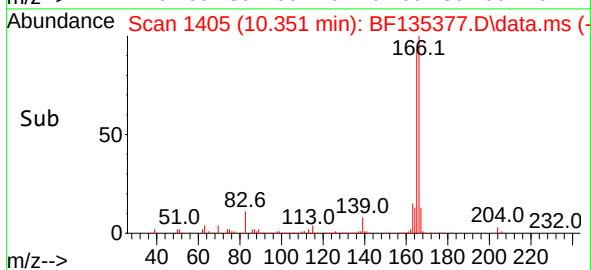
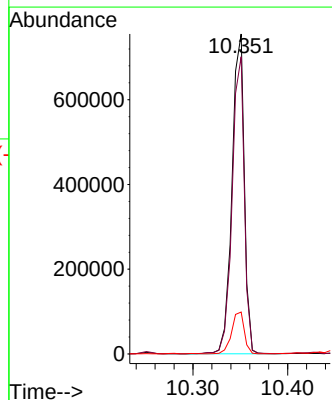
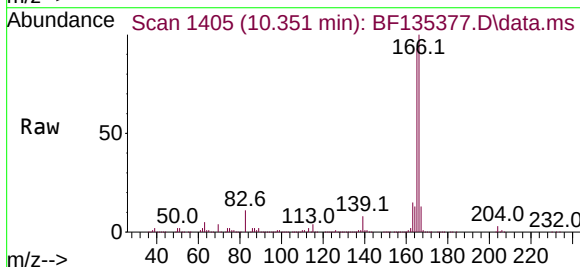
Instrument :
BNA_F
ClientSampleId :
TP-1MS

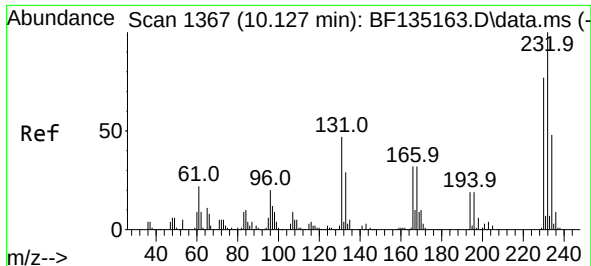
Tgt Ion:165 Resp: 180062
Ion Ratio Lower Upper
165 100
63 75.6 50.1 75.1#
89 88.7 59.3 88.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 40.144 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:166 Resp: 682143
Ion Ratio Lower Upper
166 100
165 92.9 74.3 111.5
167 13.1 10.9 16.3

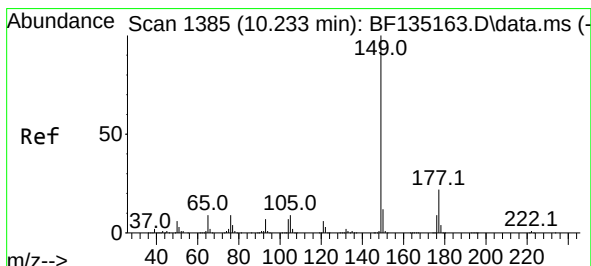
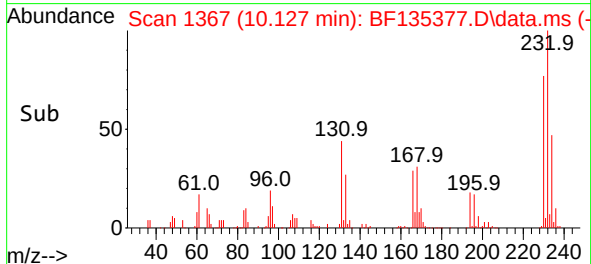
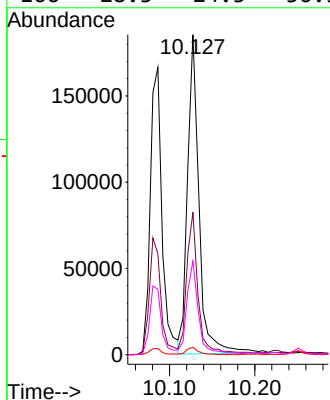
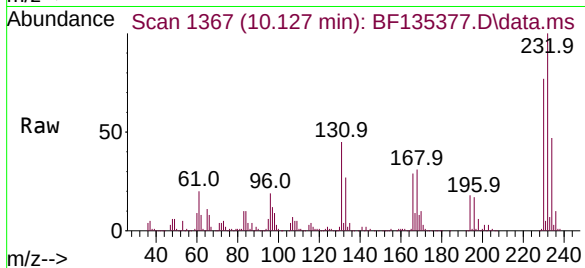




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.134 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

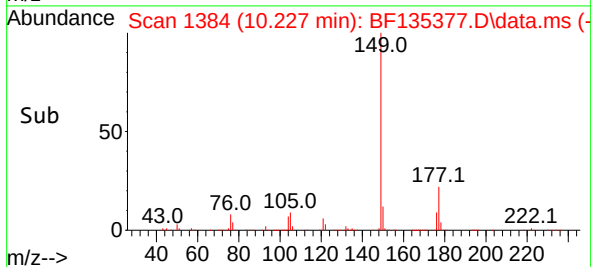
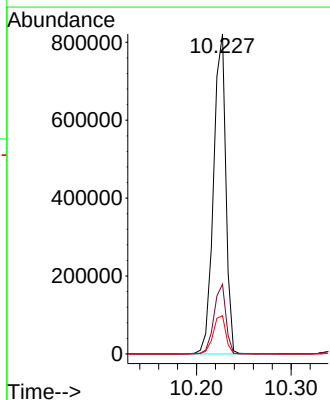
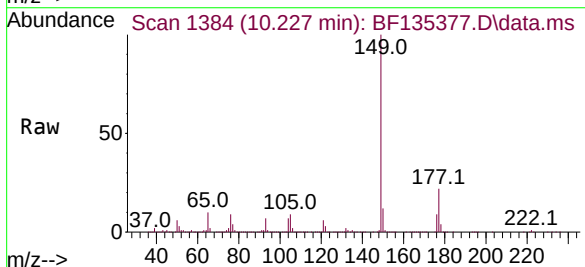
Instrument :
BNA_F
ClientSampleId :
TP-1MS

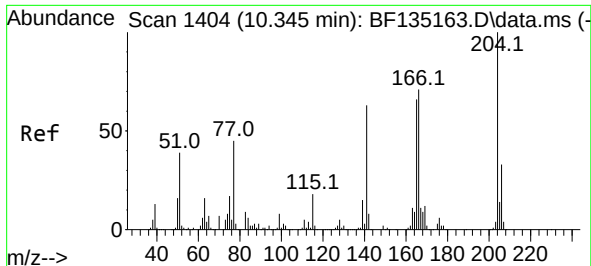
Tgt Ion:232 Resp: 174000
Ion Ratio Lower Upper
232 100
131 42.7 35.4 53.2
130 2.5 1.8 2.8
166 28.3 24.3 36.5



#60
Diethylphthalate
Concen: 41.145 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:149 Resp: 738716
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.0 10.0 15.0

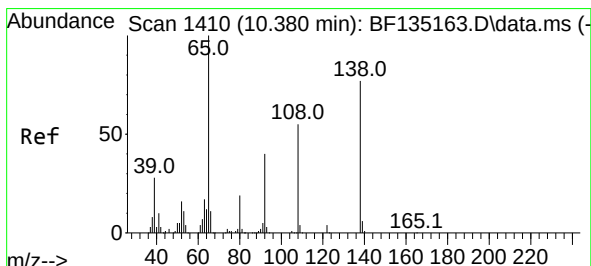
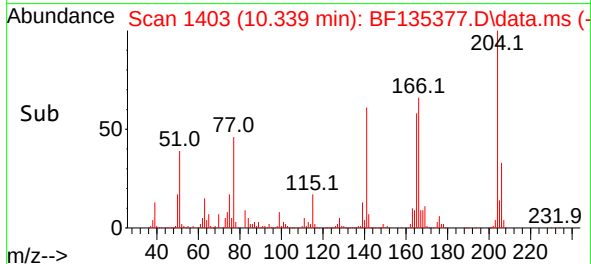
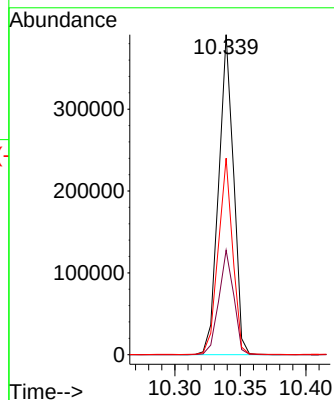
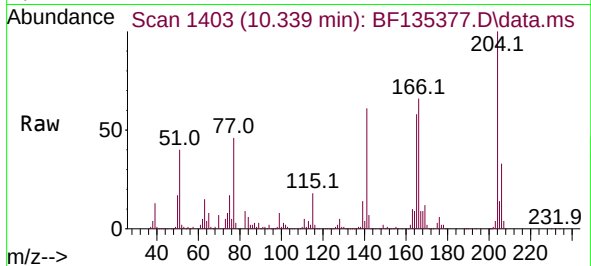




#61
4-Chlorophenyl-phenylether
Concen: 37.742 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

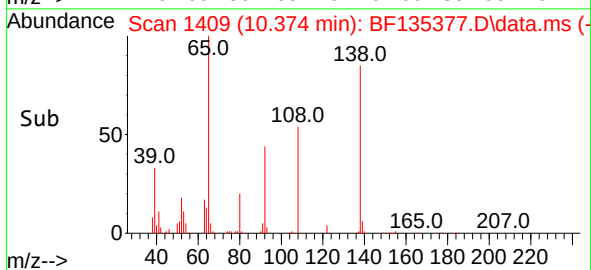
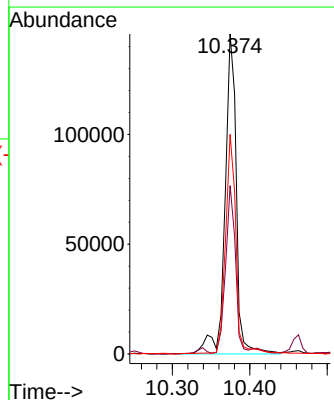
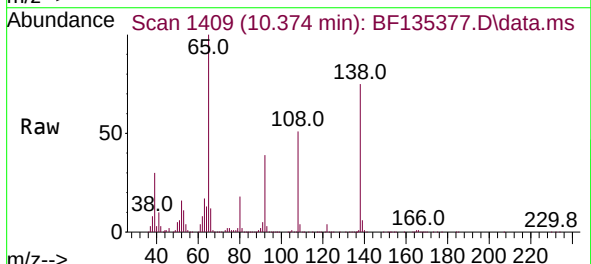
Instrument :
BNA_F
ClientSampleId :
TP-1MS

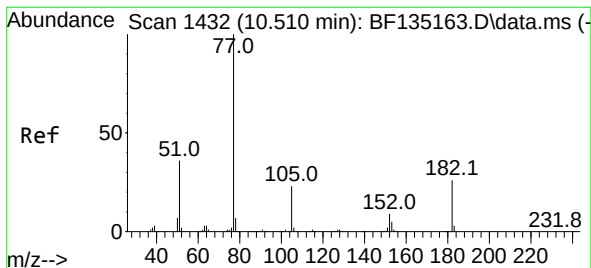
Tgt Ion:204 Resp: 308076
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 61.4 50.6 75.8



#62
4-Nitroaniline
Concen: 33.616 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:138 Resp: 148649
Ion Ratio Lower Upper
138 100
92 52.6 31.8 71.8
108 68.6 52.0 92.0





#63

Azobenzene

Concen: 40.975 ng

RT: 10.504 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 719985

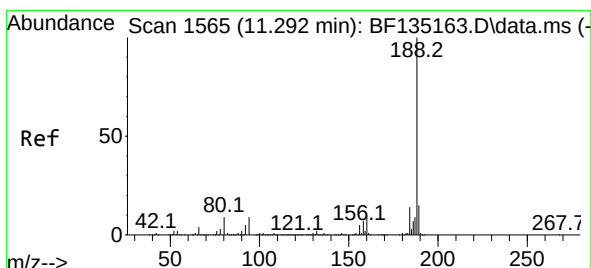
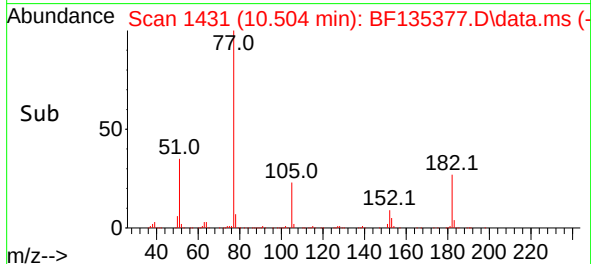
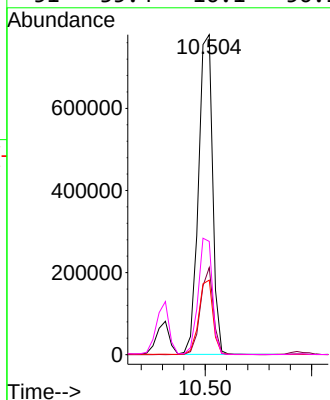
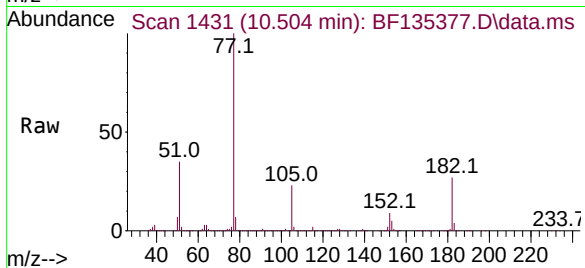
Ion Ratio Lower Upper

77 100

182 27.2 6.4 46.4

105 23.3 3.1 43.1

51 35.4 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: BF135377.D

Acq: 21 Sep 2023 13:29

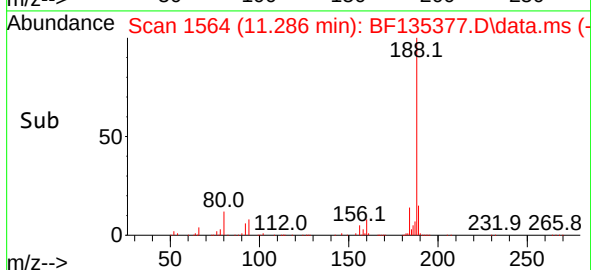
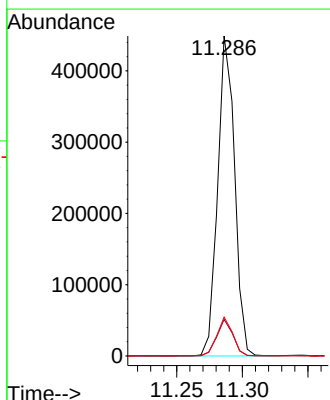
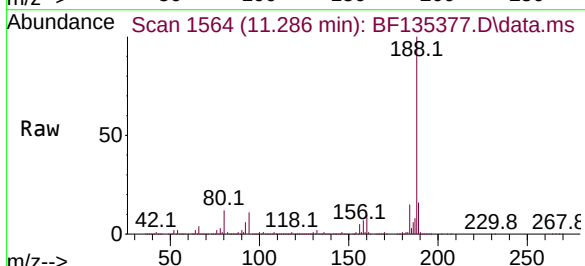
Tgt Ion: 188 Resp: 402339

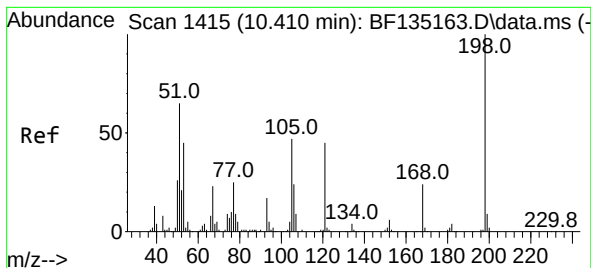
Ion Ratio Lower Upper

188 100

94 11.4 7.0 10.6#

80 12.1 7.5 11.3#

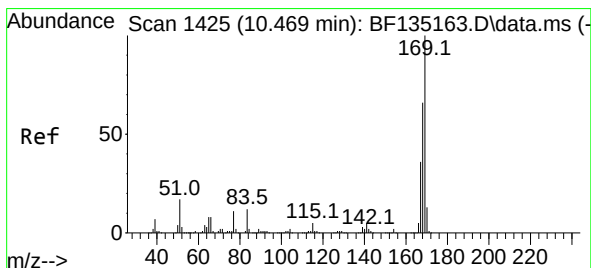
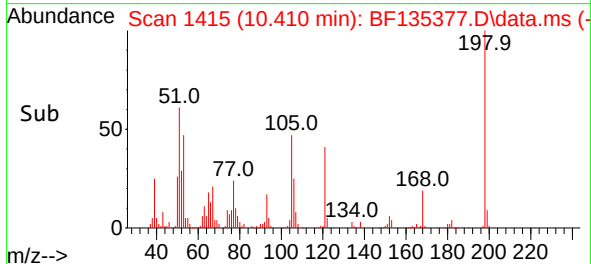
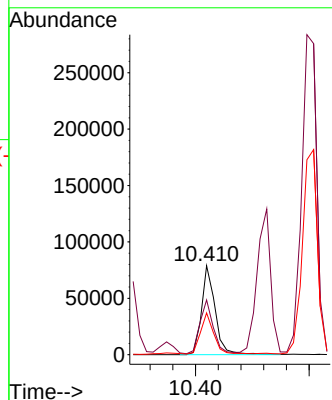
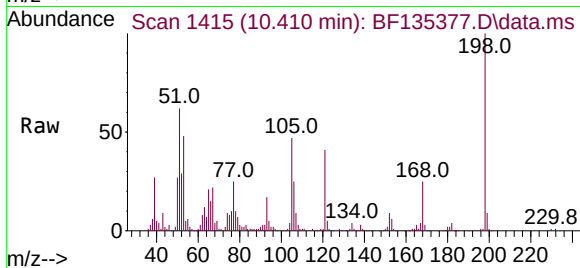




#65
4,6-Dinitro-2-methylphenol
Concen: 30.622 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

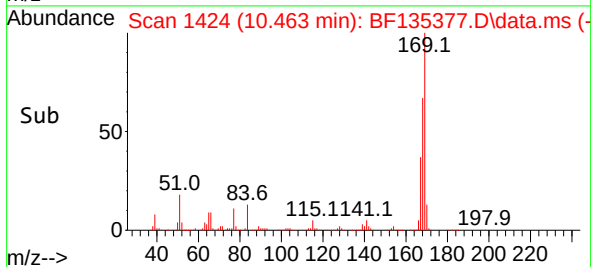
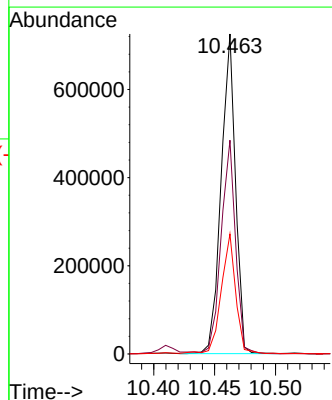
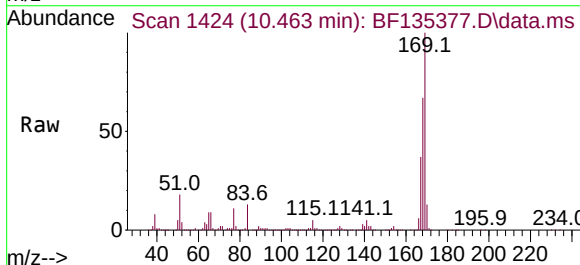
Instrument :
BNA_F
ClientSampleId :
TP-1MS

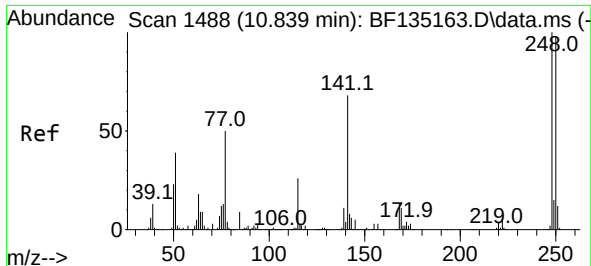
Tgt Ion:198 Resp: 65438
Ion Ratio Lower Upper
198 100
51 61.6 47.7 87.7
105 47.0 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 49.014 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:169 Resp: 597019
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 37.5 29.0 43.6

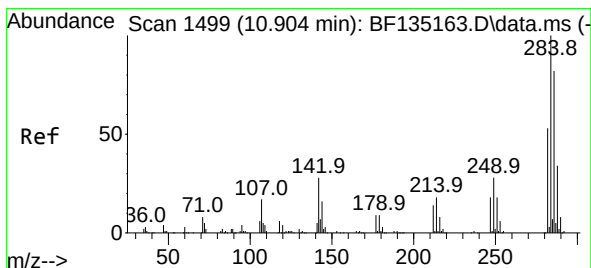
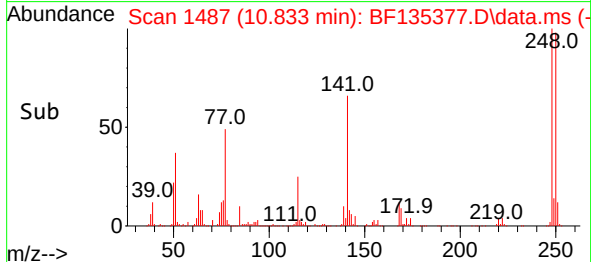
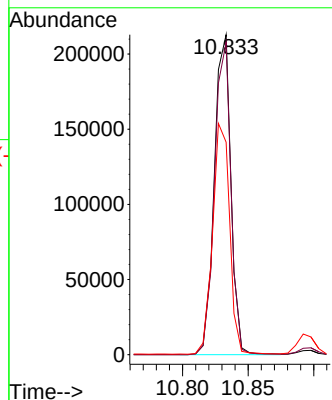
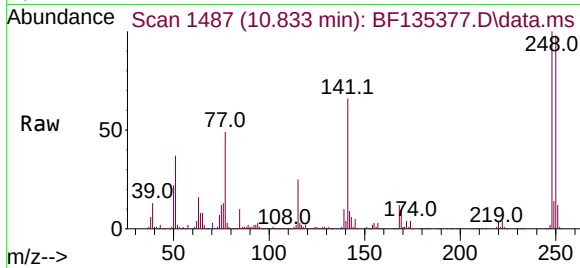




#67
4-Bromophenyl-phenylether
Concen: 46.756 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

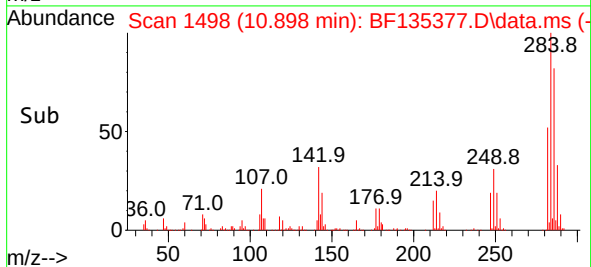
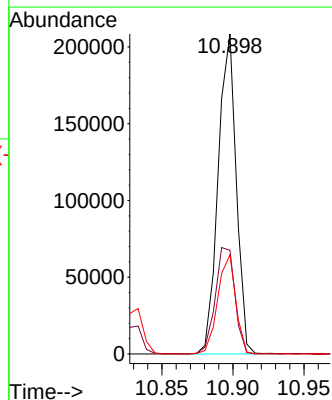
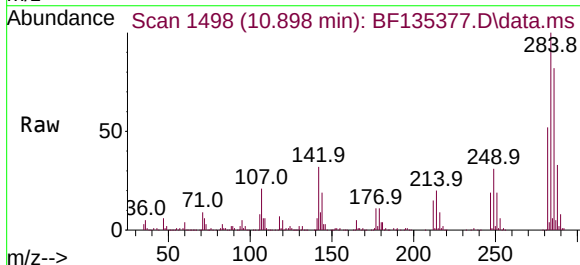
Instrument :
BNA_F
ClientSampleId :
TP-1MS

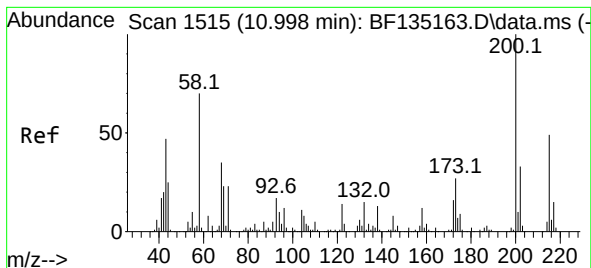
Tgt Ion:248 Resp: 187098
Ion Ratio Lower Upper
248 100
250 97.6 78.6 117.8
141 66.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 45.288 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:284 Resp: 184623
Ion Ratio Lower Upper
284 100
142 32.4 22.2 33.4
249 31.0 22.5 33.7





#69

Atrazine

Concen: 53.278 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

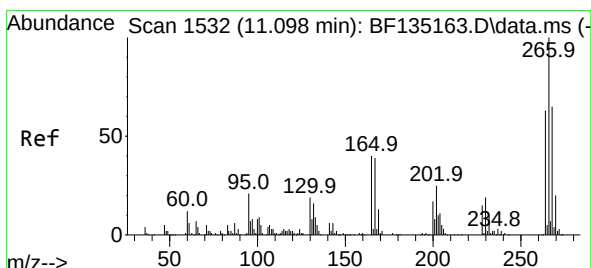
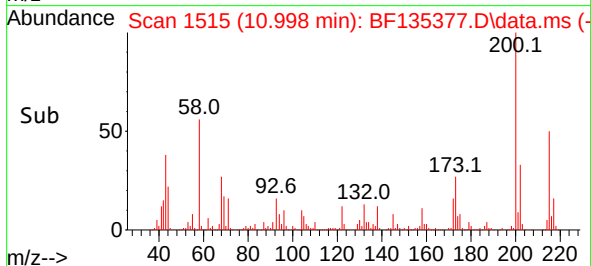
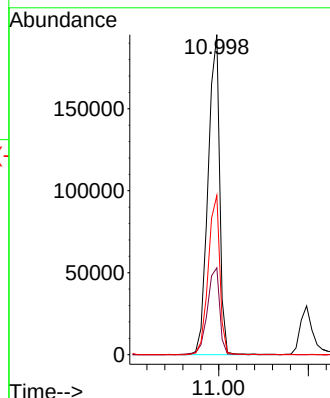
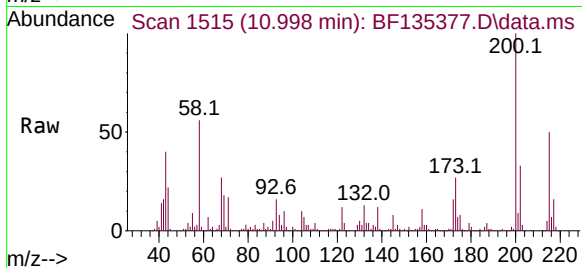
Tgt Ion:200 Resp: 174618

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 49.7 28.6 68.6



#70

Pentachlorophenol

Concen: 69.454 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

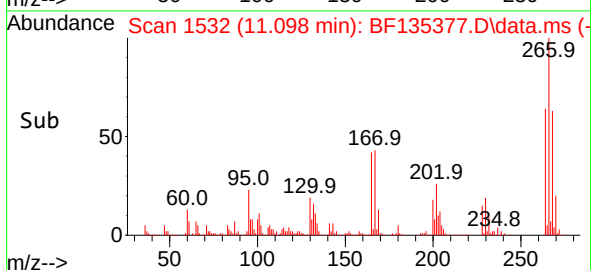
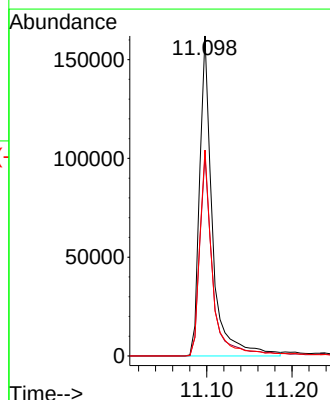
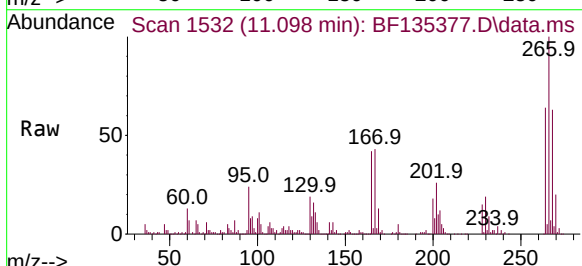
Tgt Ion:266 Resp: 169403

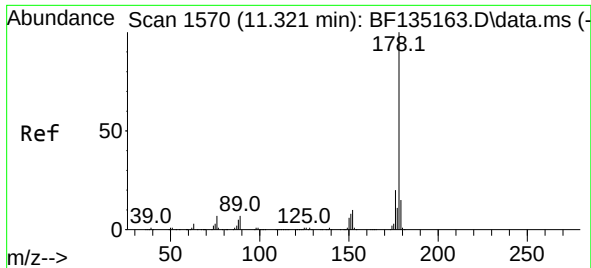
Ion Ratio Lower Upper

266 100

268 62.7 52.1 78.1

264 64.4 50.8 76.2

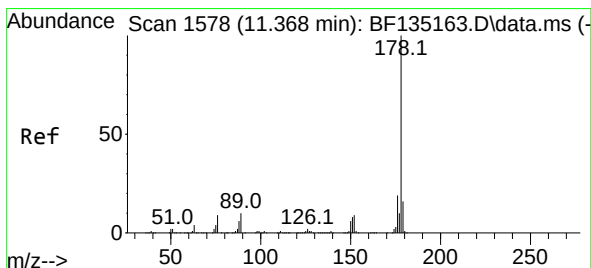
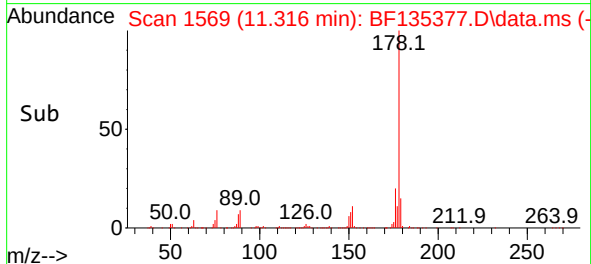
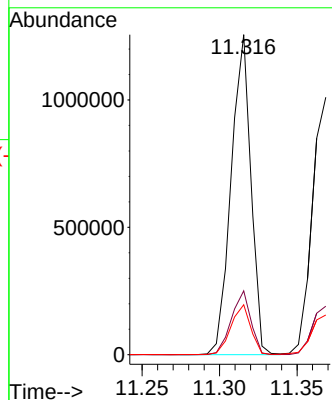
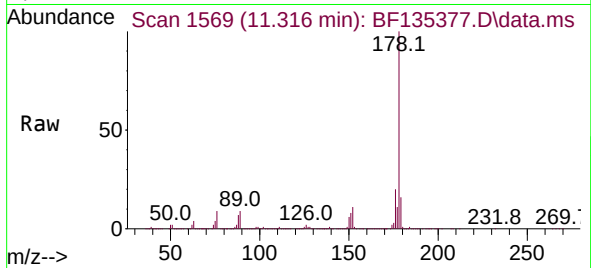




#71
Phenanthrene
Concen: 58.585 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

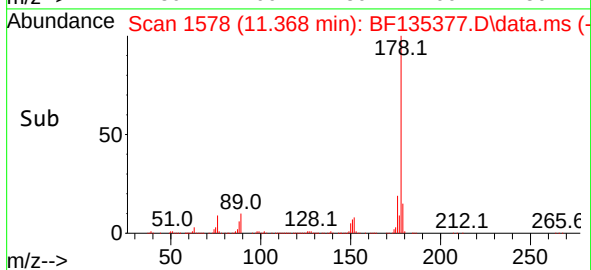
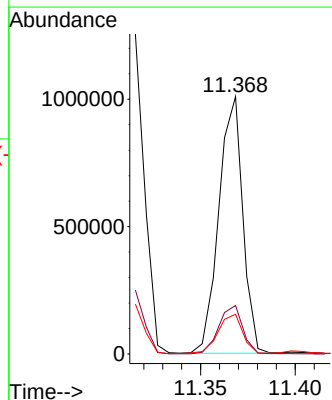
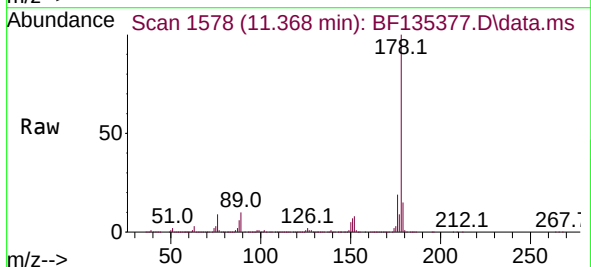
Instrument :
BNA_F
ClientSampleId :
TP-1MS

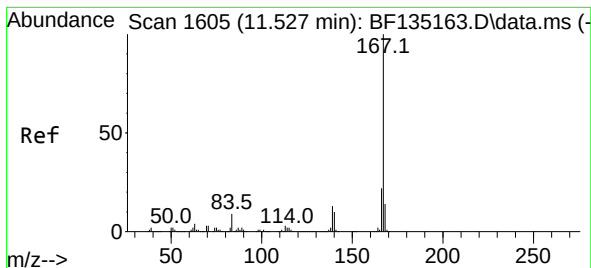
Tgt Ion:178 Resp: 1114814
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 15.6 12.0 18.0



#72
Anthracene
Concen: 45.363 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:178 Resp: 887278
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 12.6 19.0





#73

Carbazole

Concen: 44.542 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

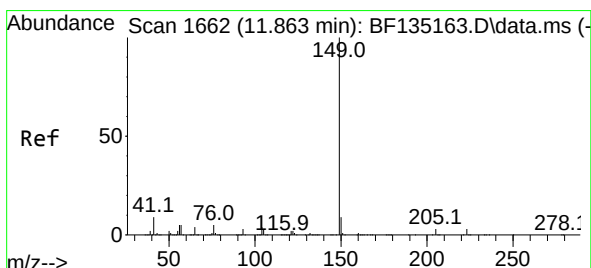
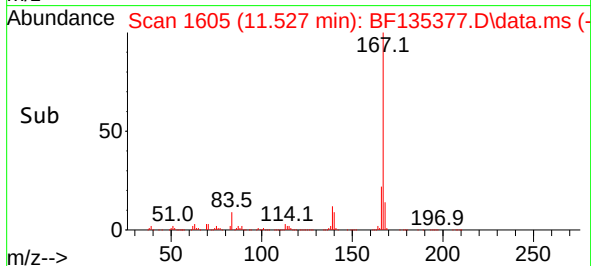
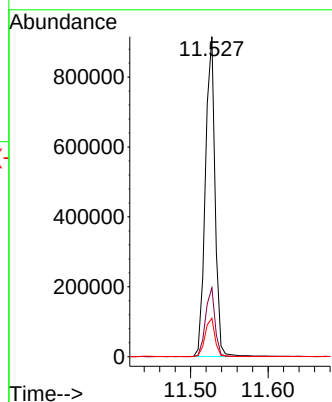
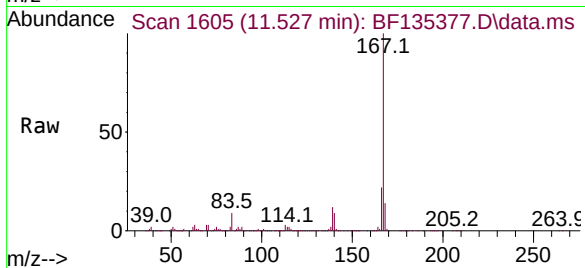
Tgt Ion:167 Resp: 793089

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 12.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.798 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

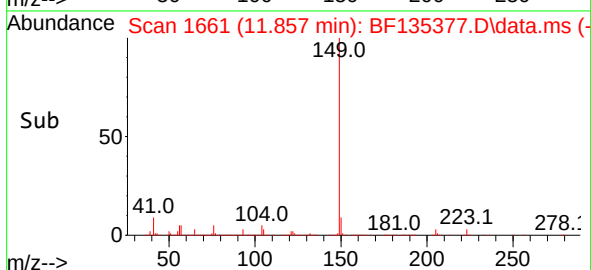
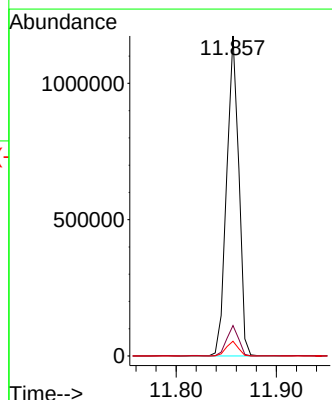
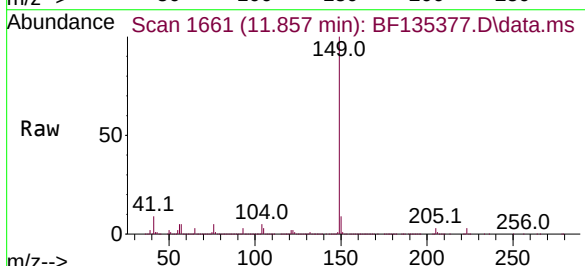
Tgt Ion:149 Resp: 981874

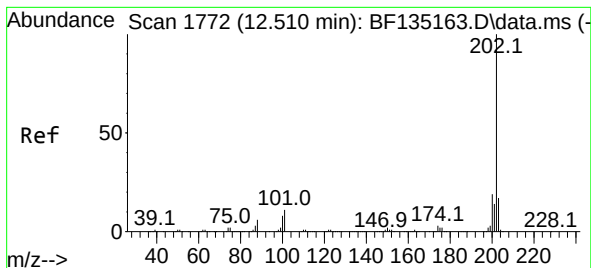
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 60.137 ng

RT: 12.510 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

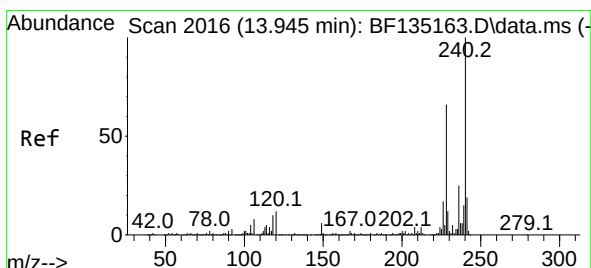
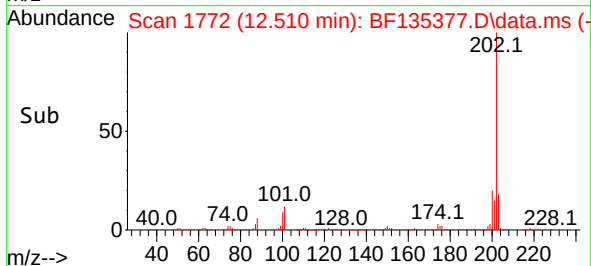
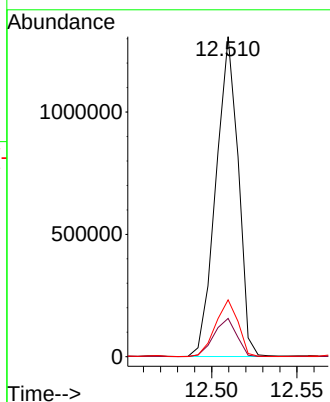
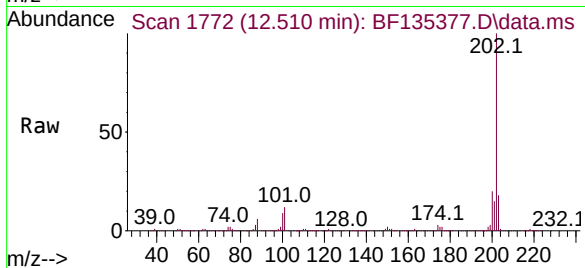
Tgt Ion:202 Resp: 1192394

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.3

203 17.8 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

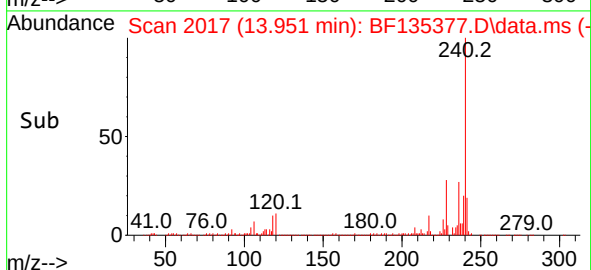
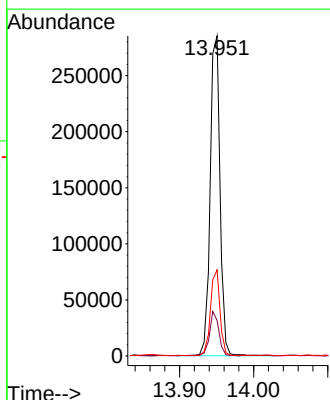
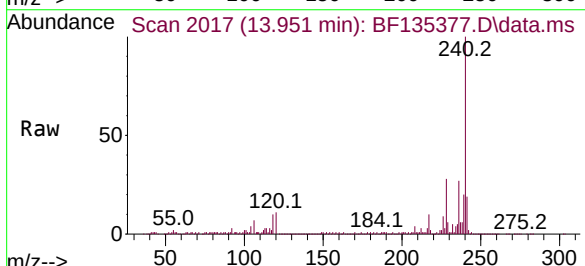
Tgt Ion:240 Resp: 263611

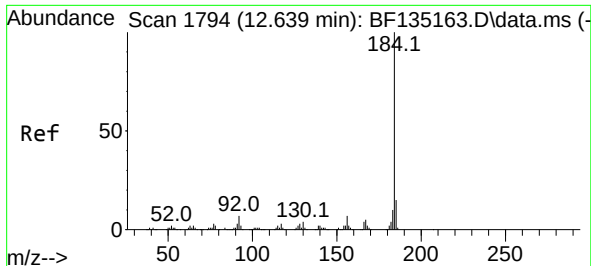
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 26.9 19.8 29.8

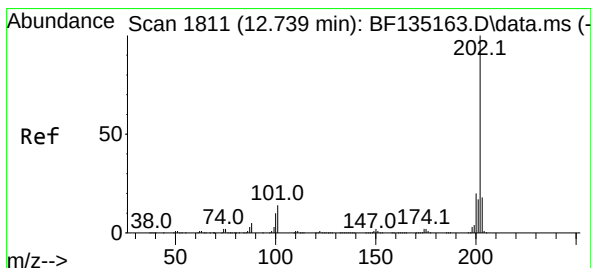
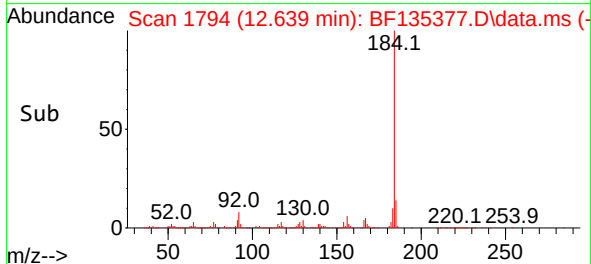
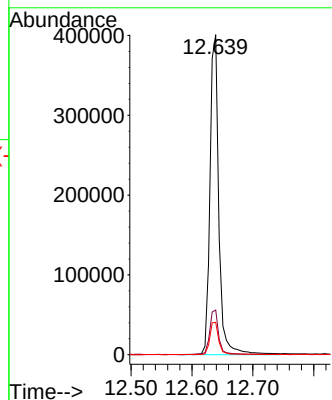
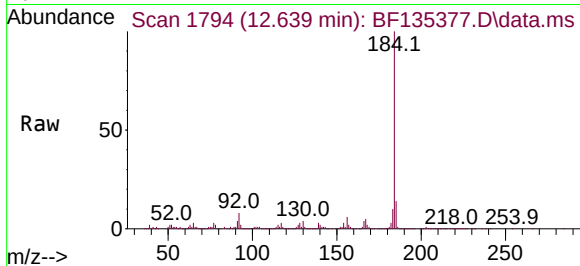




#77
Benzidine
Concen: 75.171 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

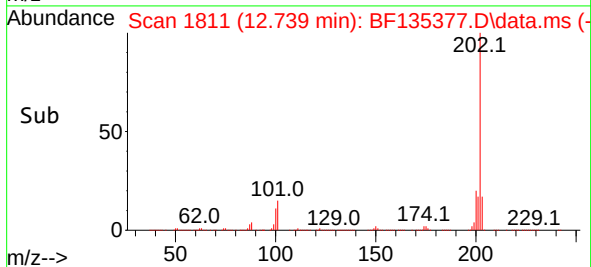
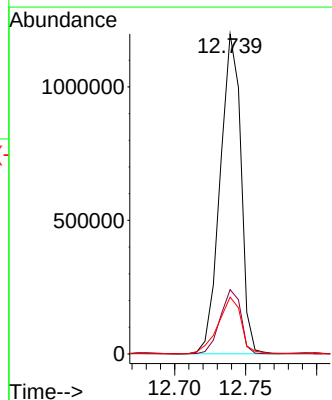
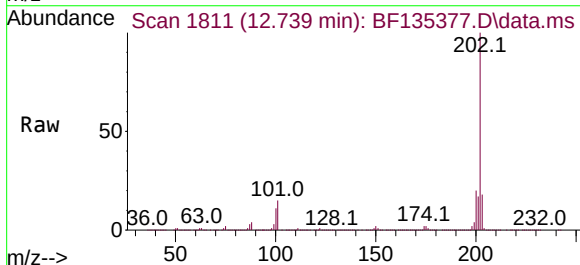
Instrument :
BNA_F
ClientSampleId :
TP-1MS

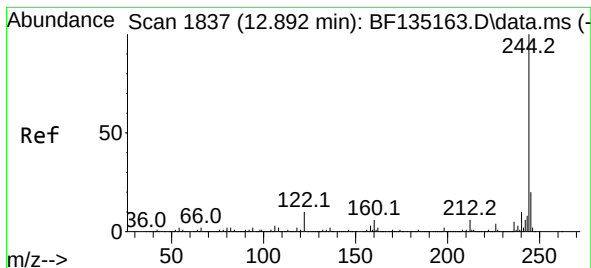
Tgt Ion:184 Resp: 405964
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.1 8.2 12.4



#78
Pyrene
Concen: 48.423 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:202 Resp: 1215300
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 37.514 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

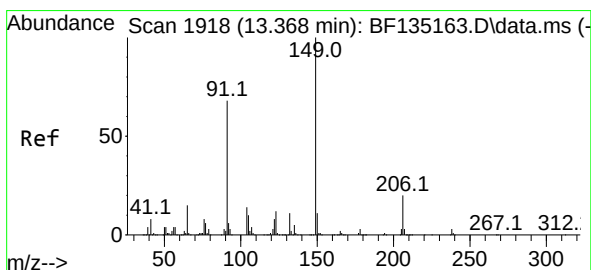
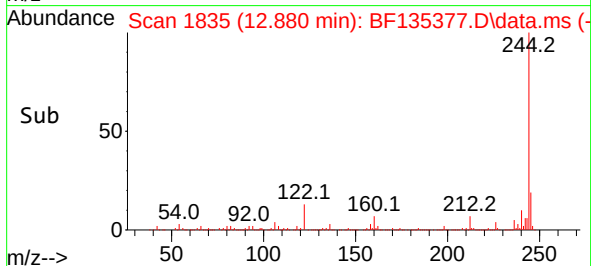
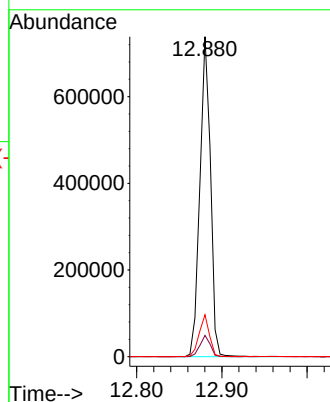
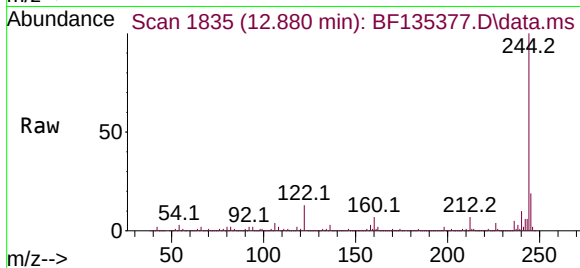
Tgt Ion:244 Resp: 637932

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 13.1 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 41.425 ng

RT: 13.362 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

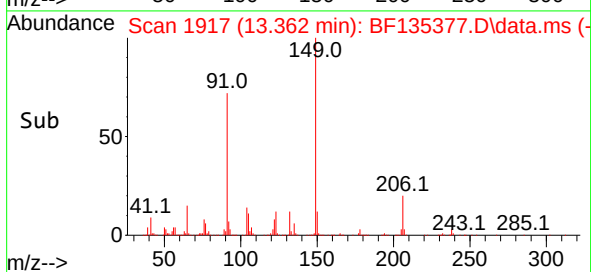
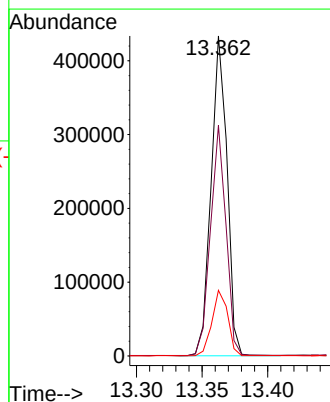
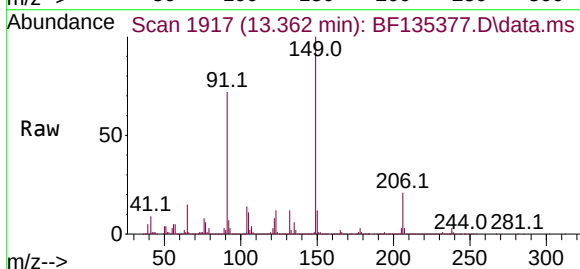
Tgt Ion:149 Resp: 366050

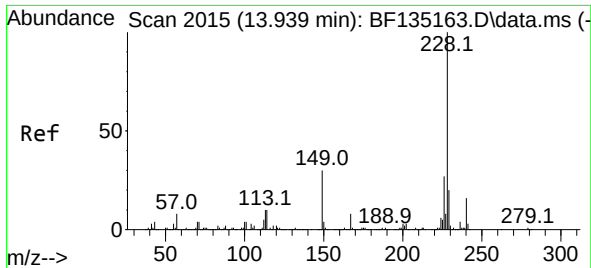
Ion Ratio Lower Upper

149 100

91 72.1 54.7 82.1

206 20.5 16.3 24.5

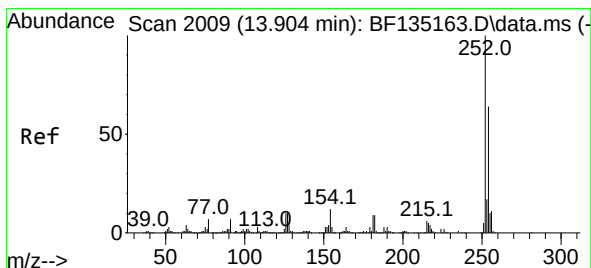
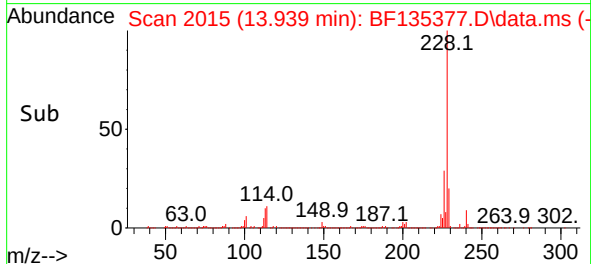
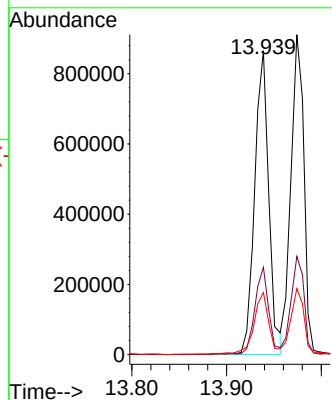
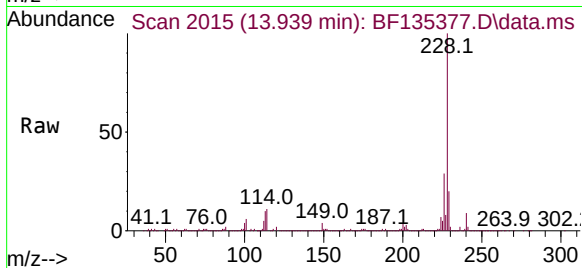




#81
Benzo(a)anthracene
Concen: 52.482 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

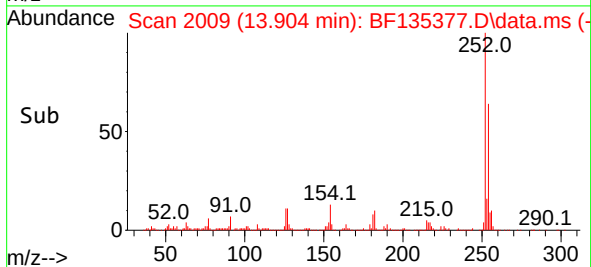
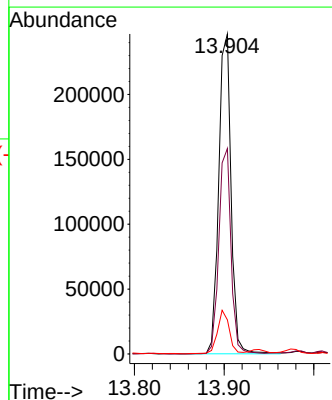
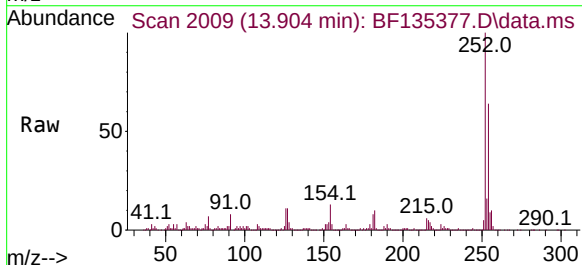
Instrument :
BNA_F
ClientSampleId :
TP-1MS

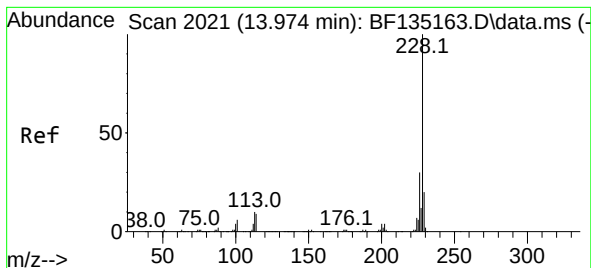
Tgt Ion:228 Resp: 893344
Ion Ratio Lower Upper
228 100
226 28.8 21.7 32.5
229 20.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.096 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:252 Resp: 234452
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 10.7 7.8 11.8





#83

Chrysene

Concen: 51.201 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

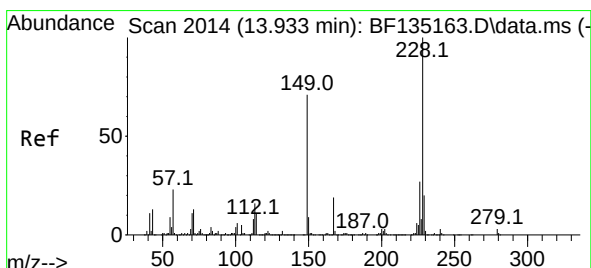
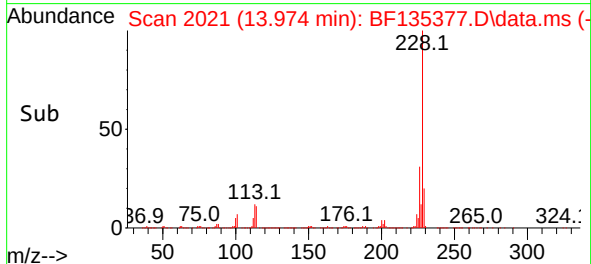
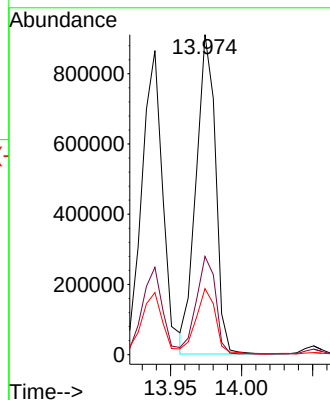
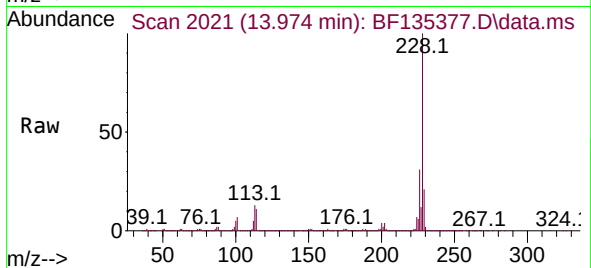
Tgt Ion:228 Resp: 866520

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 20.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.913 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

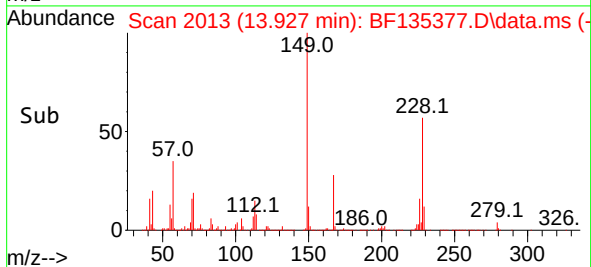
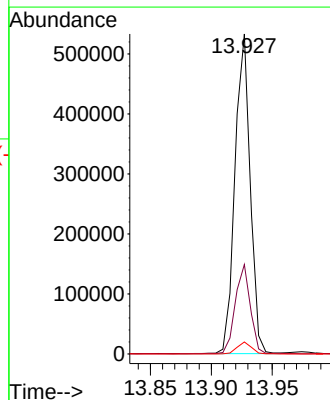
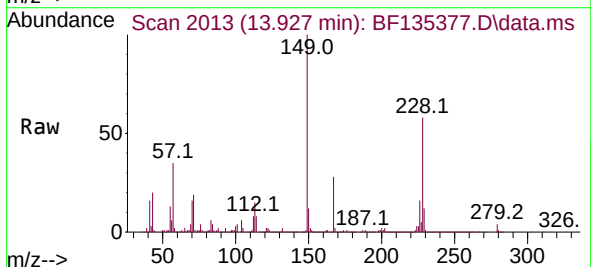
Tgt Ion:149 Resp: 461668

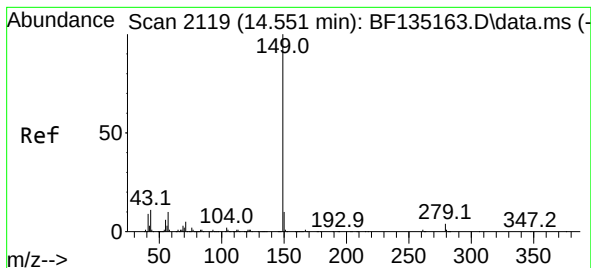
Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 61.599 ng

RT: 14.545 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

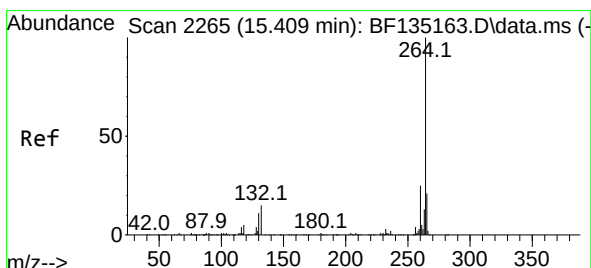
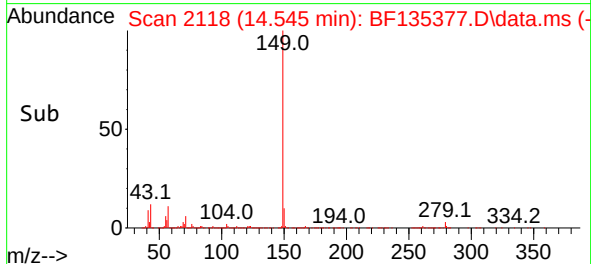
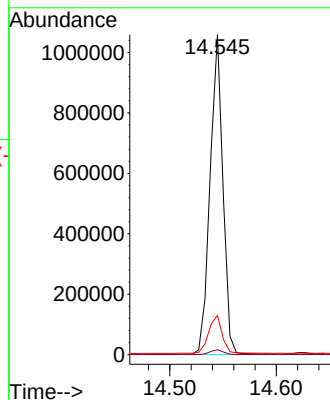
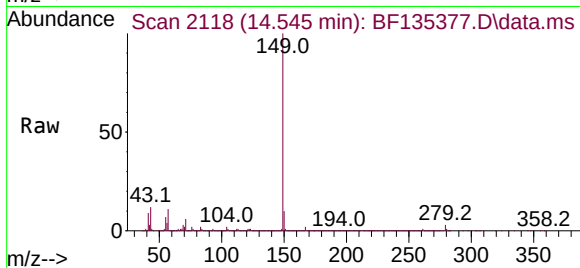
Tgt Ion:149 Resp: 887667

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.7 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

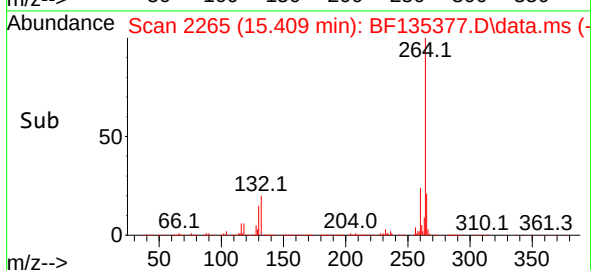
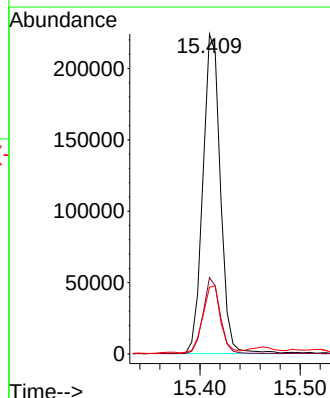
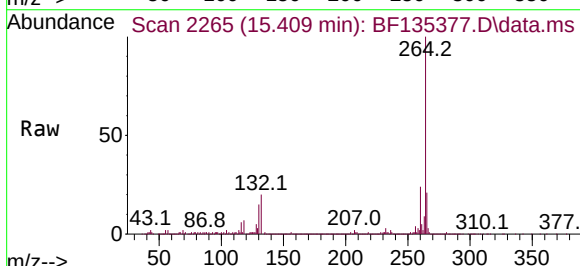
Tgt Ion:264 Resp: 272156

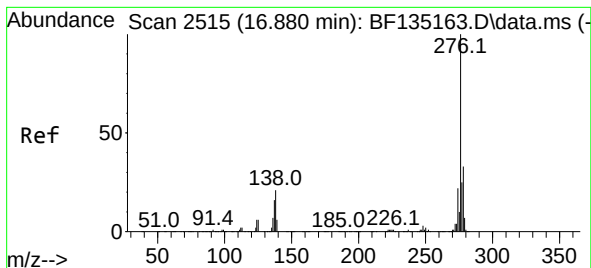
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.165 ng

RT: 16.898 min Scan# 2194

Delta R.T. 0.018 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

TP-1MS

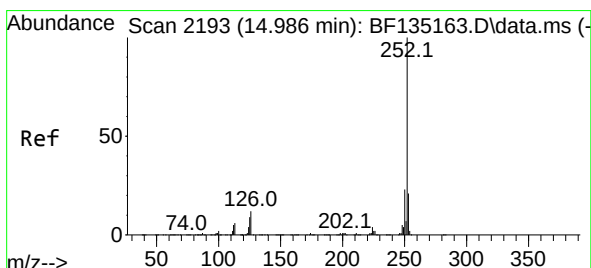
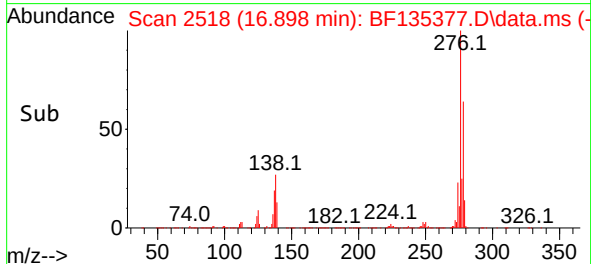
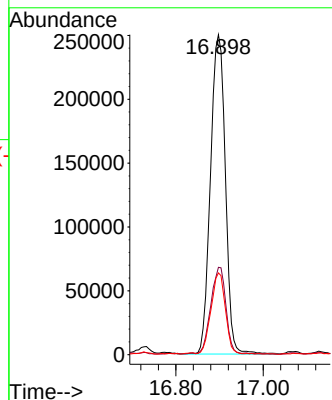
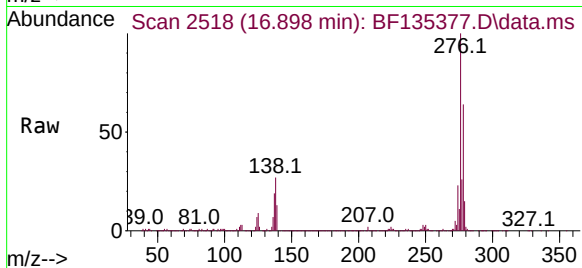
Tgt Ion:276 Resp: 591799

Ion Ratio Lower Upper

276 100

138 27.8 19.2 28.8

277 24.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 58.949 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF135377.D

Acq: 21 Sep 2023 13:29

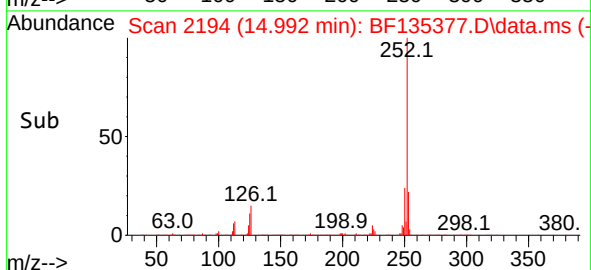
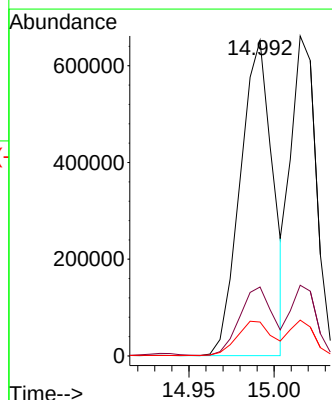
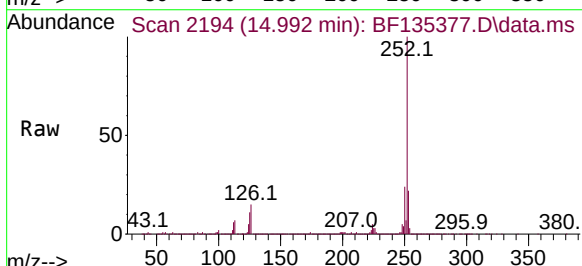
Tgt Ion:252 Resp: 868479

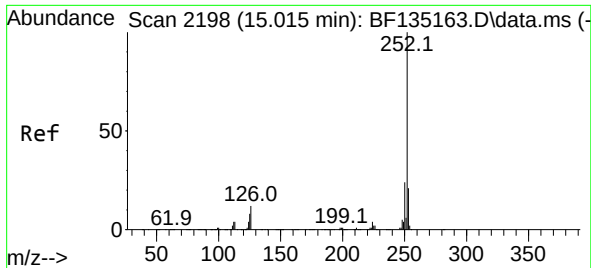
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.7 7.1 10.7#

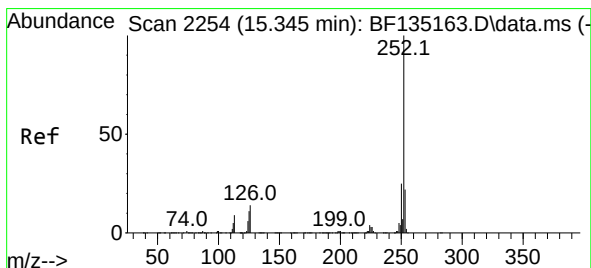
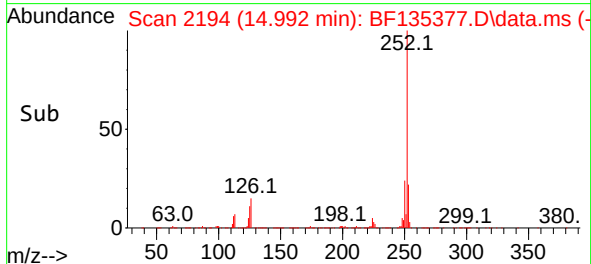
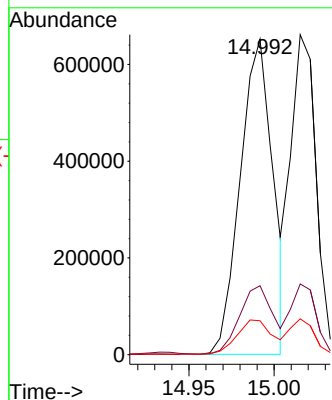
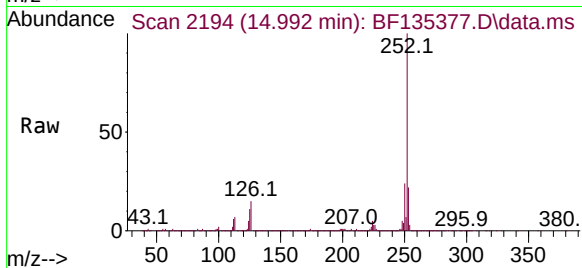




#89
Benzo(k)fluoranthene
Concen: 59.675 ng
RT: 14.992 min Scan# 2198
Delta R.T. -0.024 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

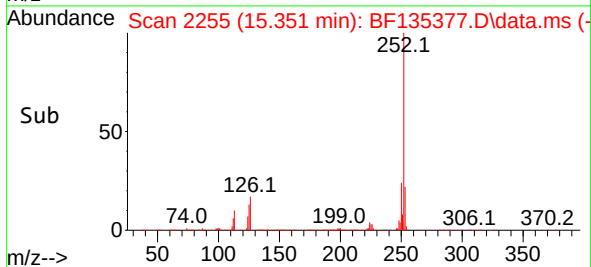
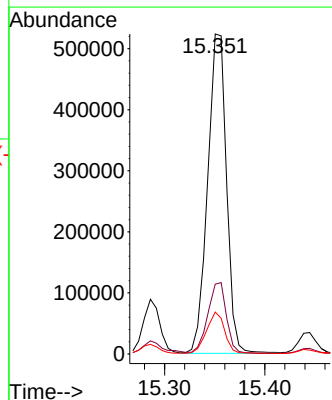
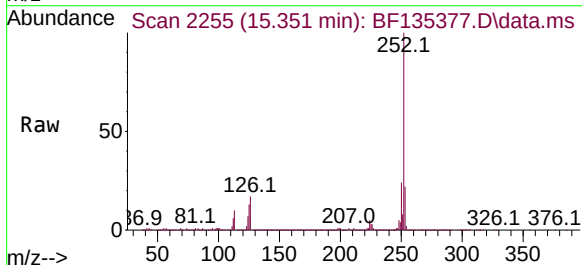
Instrument :
BNA_F
ClientSampleId :
TP-1MS

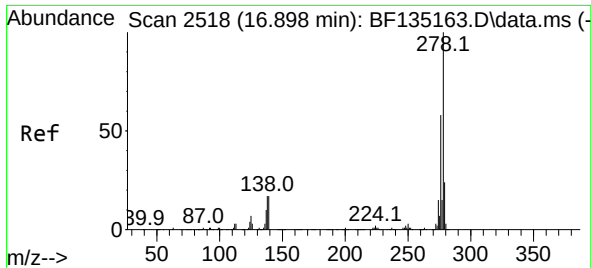
Tgt Ion:252 Resp: 868479
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.7 7.2 10.8



#90
Benzo(a)pyrene
Concen: 48.874 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:252 Resp: 686668
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 13.1 9.2 13.8

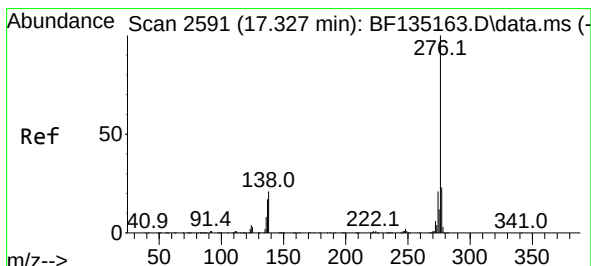
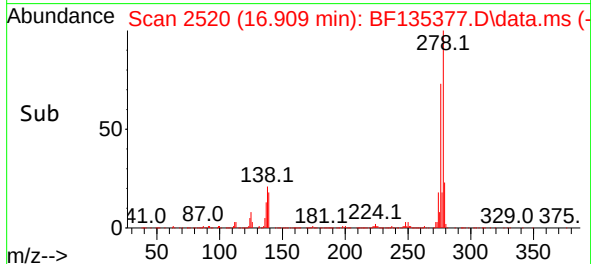
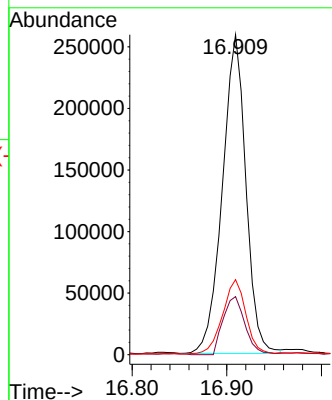
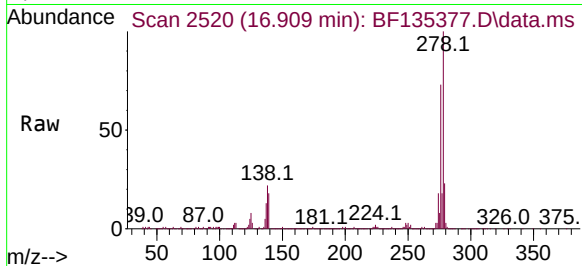




#91
Dibenzo(a,h)anthracene
Concen: 30.562 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:278 Resp: 446216
Ion Ratio Lower Upper
278 100
139 18.2 13.4 20.0
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 31.256 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135377.D
Acq: 21 Sep 2023 13:29

Tgt Ion:276 Resp: 476600
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 24.2 16.9 25.3

