

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135482.D
 Acq On : 27 Sep 2023 20:07
 Operator : CG\JU
 Sample : 04601-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Sep 28 01:52:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	160818	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	605280	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	286076	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	472764	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	242583	20.000	ng	0.00
86) Perylene-d12	15.410	264	324121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1092684	110.510	ng	0.02
7) Phenol-d6	6.410	99	1354959	107.769	ng	0.00
23) Nitrobenzene-d5	7.322	82	854321	76.683	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	255921	90.021	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1353637	71.389	ng	0.00
79) Terphenyl-d14	12.880	244	1011568	64.643	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	220748	50.927	ng	92
3) Pyridine	3.293	79	545783	46.784	ng	95
4) n-Nitrosodimethylamine	3.263	42	314137	50.744	ng	91
6) Aniline	6.422	93	519942	31.536	ng	# 32
8) 2-Chlorophenol	6.546	128	526748	49.904	ng	97
9) Benzaldehyde	6.310	77	125254	17.488	ng	99
10) Phenol	6.422	94	614755	44.591	ng	83
11) bis(2-Chloroethyl)ether	6.498	93	528138	51.070	ng	99
12) 1,3-Dichlorobenzene	6.693	146	521577	48.622	ng	99
13) 1,4-Dichlorobenzene	6.775	146	528719	48.445	ng	98
14) 1,2-Dichlorobenzene	6.922	146	494469	48.787	ng	98
15) Benzyl Alcohol	6.904	79	416232	46.135	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	954477	48.966	ng	88
17) 2-Methylphenol	7.022	107	417931	44.869	ng	96
18) Hexachloroethane	7.257	117	200030	49.604	ng	89
19) n-Nitroso-di-n-propyla...	7.175	70	326671	41.948	ng	95
20) 3+4-Methylphenols	7.175	107	473866	42.308	ng	# 86
22) Acetophenone	7.169	105	658244	47.567	ng	95
24) Nitrobenzene	7.340	77	551478	50.081	ng	98
25) Isophorone	7.581	82	1008095	49.277	ng	98
26) 2-Nitrophenol	7.657	139	274874	52.010	ng	95
27) 2,4-Dimethylphenol	7.698	122	404369	45.519	ng	96
28) bis(2-Chloroethoxy)met...	7.793	93	628263	51.310	ng	99
29) 2,4-Dichlorophenol	7.904	162	399479	48.530	ng	98
30) 1,2,4-Trichlorobenzene	7.975	180	427163	49.648	ng	99
31) Naphthalene	8.057	128	1423315	48.398	ng	99
32) Benzoic acid	7.845	122	276159	41.284	ng	99
33) 4-Chloroaniline	8.110	127	303673	23.535	ng	98
34) Hexachlorobutadiene	8.169	225	239702	46.204	ng	100
35) Caprolactam	8.492	113	90216	32.656	ng	96
36) 4-Chloro-3-methylphenol	8.610	107	437153	47.783	ng	96
37) 2-Methylnaphthalene	8.751	142	871673	44.094	ng	98
38) 1-Methylnaphthalene	8.851	142	840411	45.408	ng	98
40) 1,2,4,5-Tetrachloroben...	8.916	216	405771	48.960	ng	99
41) Hexachlorocyclopentadiene	8.898	237	208267	59.150	ng	99
43) 2,4,6-Trichlorophenol	9.034	196	260556	48.016	ng	99

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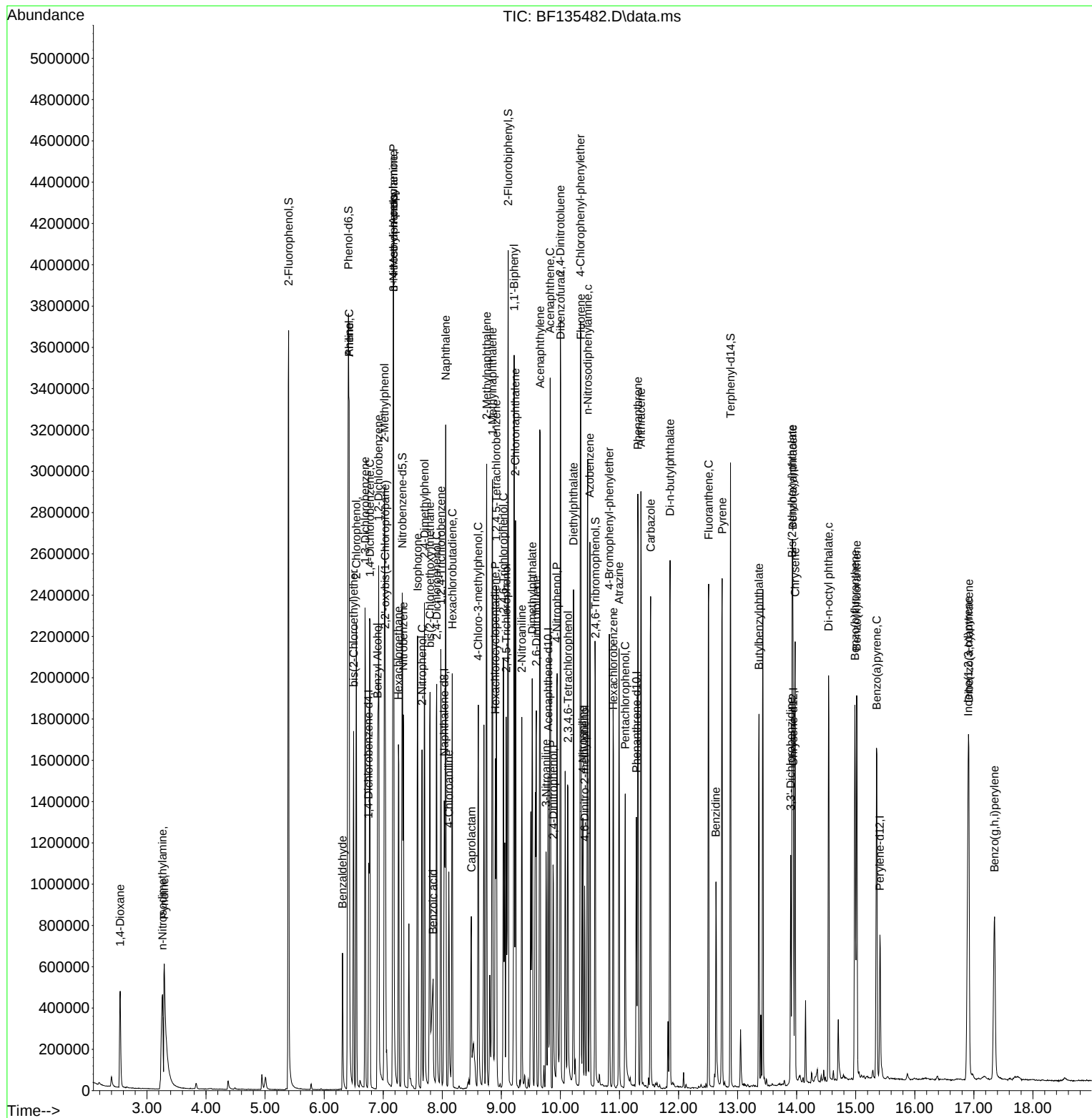
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	277771	44.450	ng	95
46) 1,1'-Biphenyl	9.216	154	1069698	48.657	ng	98
47) 2-Chloronaphthalene	9.239	162	802184	50.290	ng	99
48) 2-Nitroaniline	9.345	65	304569	49.148	ng	97
49) Acenaphthylene	9.657	152	1279312	48.259	ng	99
50) Dimethylphthalate	9.522	163	926714	47.913	ng	99
51) 2,6-Dinitrotoluene	9.592	165	206609	48.762	ng	# 81
52) Acenaphthene	9.828	154	751122	47.963	ng	96
53) 3-Nitroaniline	9.757	138	166198	33.416	ng	97
54) 2,4-Dinitrophenol	9.881	184	152431	64.669	ng	91
55) Dibenzofuran	10.004	168	1046835	43.805	ng	98
56) 4-Nitrophenol	9.939	139	234416	74.158	ng	97
57) 2,4-Dinitrotoluene	9.998	165	223664	42.165	ng	# 80
58) Fluorene	10.345	166	824505	44.880	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	207214	43.106	ng	99
60) Diethylphthalate	10.222	149	903584	46.550	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	388675	44.042	ng	92
62) 4-Nitroaniline	10.381	138	198813	41.585	ng	97
63) Azobenzene	10.498	77	926785	48.785	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	114243	45.497	ng	96
66) n-Nitrosodiphenylamine	10.463	169	757352	52.914	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	239001	50.830	ng	95
68) Hexachlorobenzene	10.898	284	248879	51.955	ng	98
69) Atrazine	10.992	200	222084	57.667	ng	97
70) Pentachlorophenol	11.098	266	195307	68.146	ng	97
71) Phenanthrene	11.310	178	1138045	50.897	ng	99
72) Anthracene	11.363	178	1142420	49.706	ng	100
73) Carbazole	11.528	167	1021762	48.836	ng	99
74) Di-n-butylphthalate	11.857	149	1304947	52.931	ng	99
75) Fluoranthene	12.510	202	1056122	45.330	ng	99
77) Benzidine	12.633	184	407985	82.094	ng	100
78) Pyrene	12.739	202	1051976	45.548	ng	98
80) Butylbenzylphthalate	13.363	149	413440	50.843	ng	99
81) Benzo(a)anthracene	13.933	228	806996	51.518	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	221430	45.256	ng	# 98
83) Chrysene	13.974	228	788139	50.607	ng	99
84) Bis(2-ethylhexyl)phtha...	13.922	149	510626	61.193	ng	# 99
85) Di-n-octyl phthalate	14.539	149	957506	72.205	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	913109	42.967	ng	96
88) Benzo(b)fluoranthene	14.986	252	937274	53.419	ng	# 97
89) Benzo(k)fluoranthene	15.016	252	775048	44.717	ng	# 97
90) Benzo(a)pyrene	15.357	252	813931	48.644	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	745955	42.900	ng	99
92) Benzo(g,h,i)perylene	17.351	276	704250	38.781	ng	97

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

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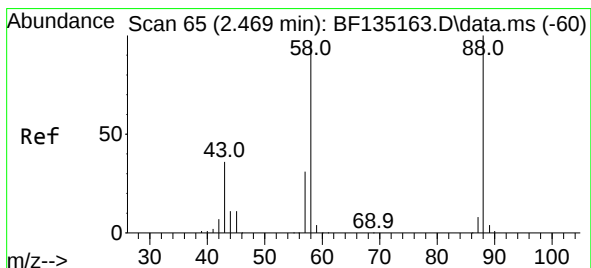
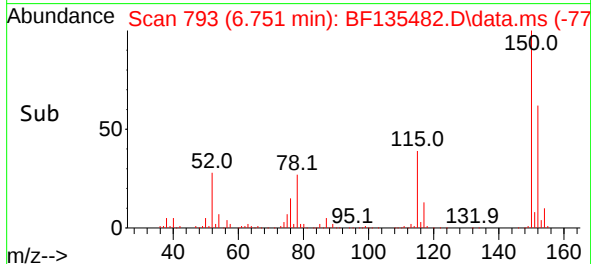
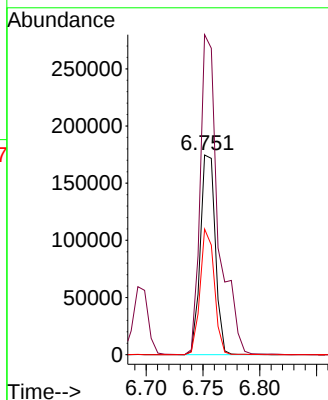
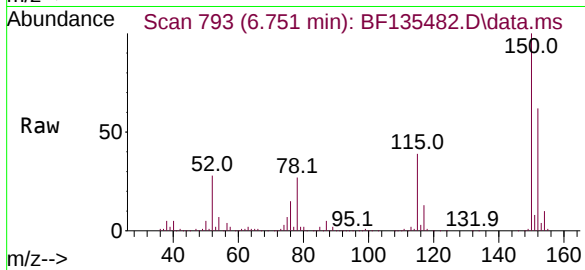




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135482.D
 Acq: 27 Sep 2023 20:07

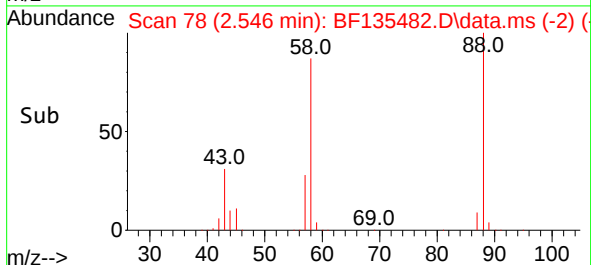
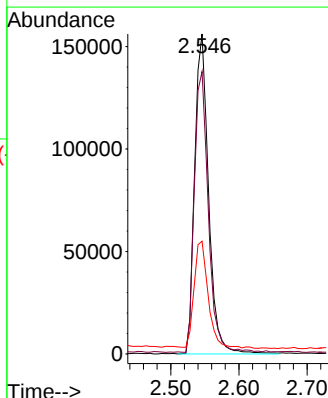
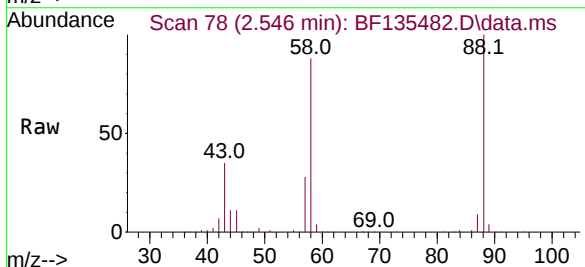
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion:152 Resp: 160818
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.8 191.6
 115 62.9 49.8 74.8



#2
 1,4-Dioxane
 Concen: 50.927 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.094 min
 Lab File: BF135482.D
 Acq: 27 Sep 2023 20:07

Tgt Ion: 88 Resp: 220748
 Ion Ratio Lower Upper
 88 100
 58 88.0 78.3 117.5
 43 34.2 29.4 44.0

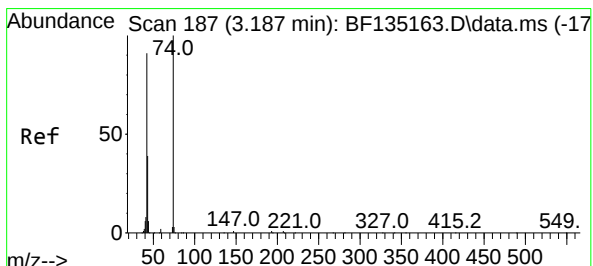
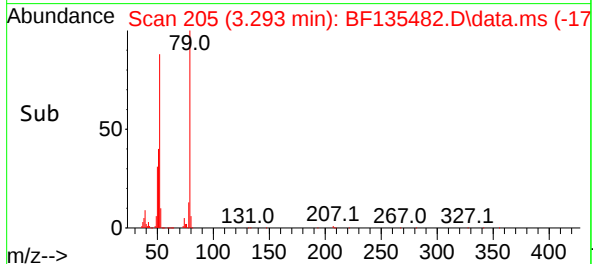
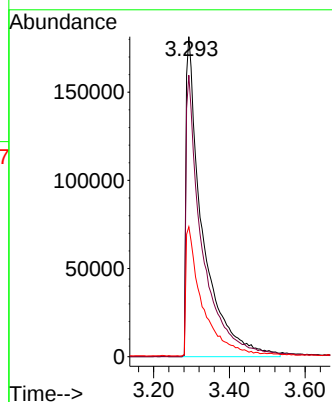
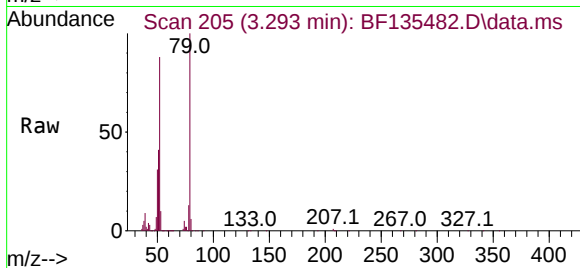




#3
Pyridine
Concen: 46.784 ng
RT: 3.293 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

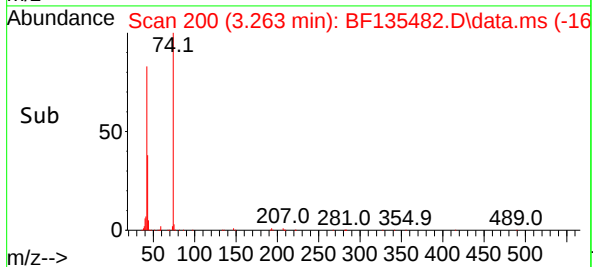
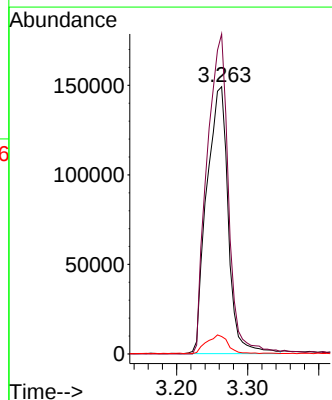
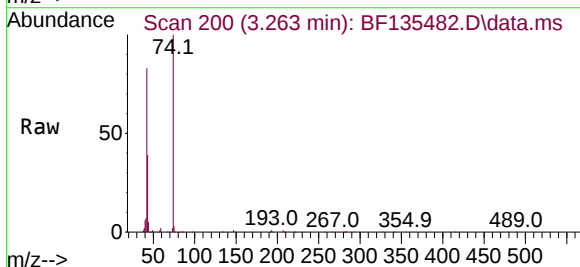
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 79 Resp: 545783
Ion Ratio Lower Upper
79 100
52 88.0 74.1 111.1
51 40.6 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 50.744 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.094 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion: 42 Resp: 314137
Ion Ratio Lower Upper
42 100
74 119.8 87.7 131.5
44 6.5 5.6 8.4

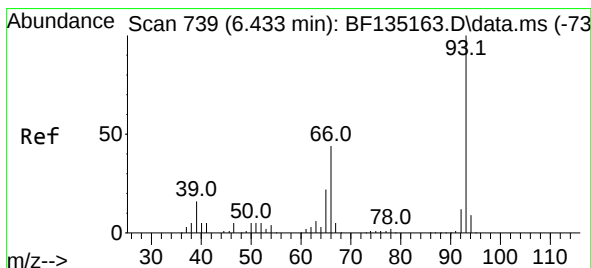
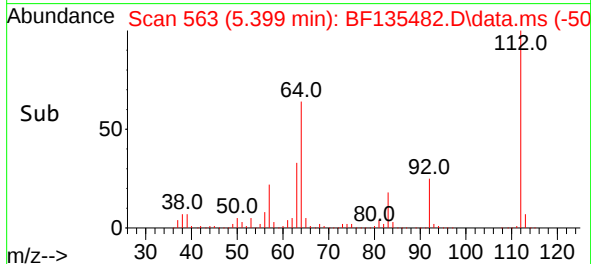
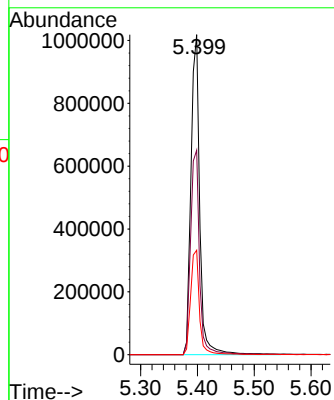
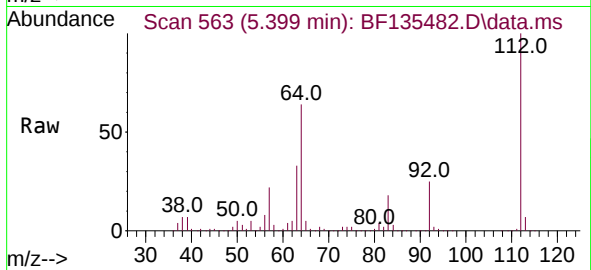




#5
2-Fluorophenol
Concen: 110.510 ng
RT: 5.399 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

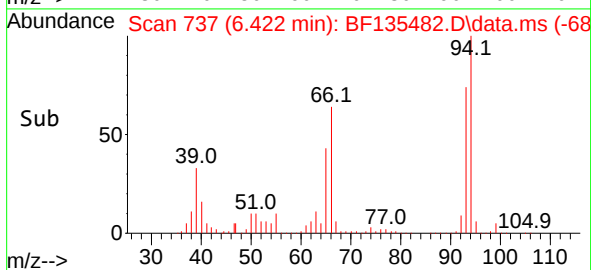
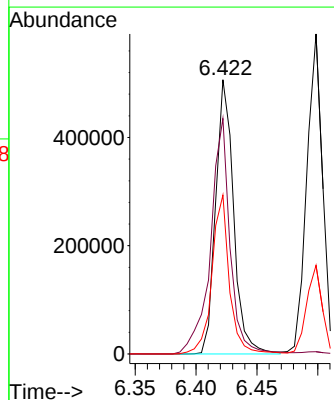
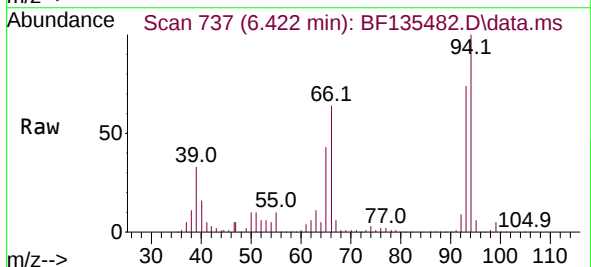
Instrument :
BNA_F
ClientSampleId :
TP-1MS

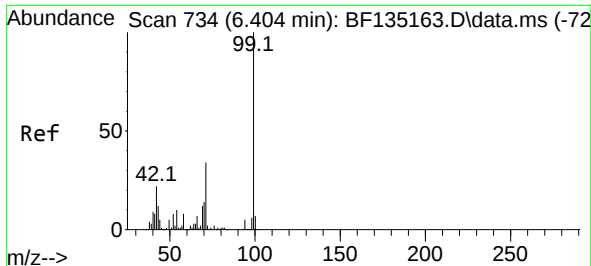
Tgt Ion:112 Resp: 1092684
Ion Ratio Lower Upper
112 100
64 63.9 55.9 83.9
63 32.6 29.0 43.6



#6
Aniline
Concen: 31.536 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion: 93 Resp: 519942
Ion Ratio Lower Upper
93 100
66 85.8 35.4 53.0#
65 57.9 17.8 26.8#





#7

Phenol-d6

Concen: 107.769 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

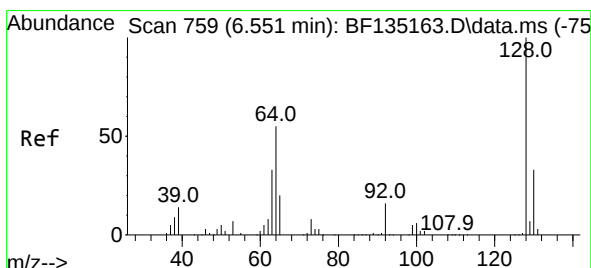
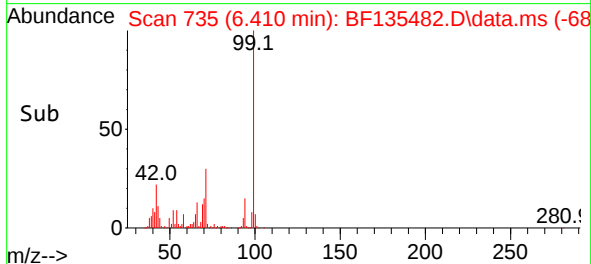
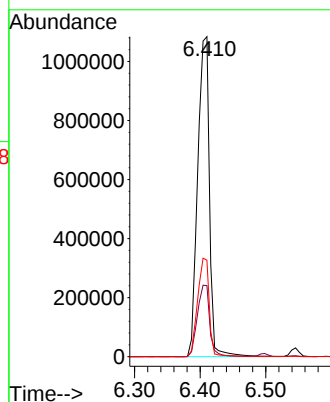
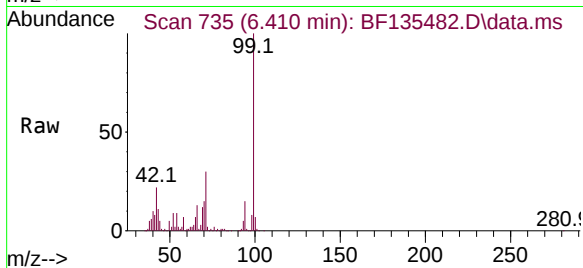
BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 99 Resp: 1354959

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	30.2	27.0	40.6



#8

2-Chlorophenol

Concen: 49.904 ng

RT: 6.546 min Scan# 758

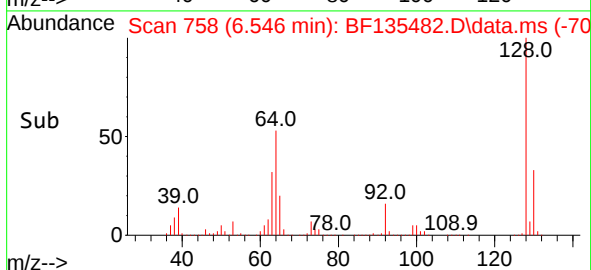
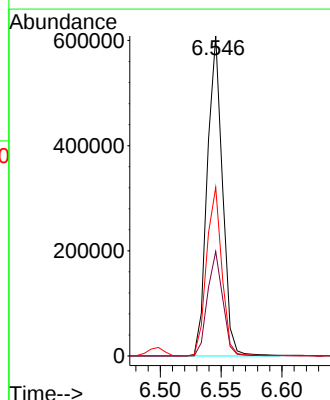
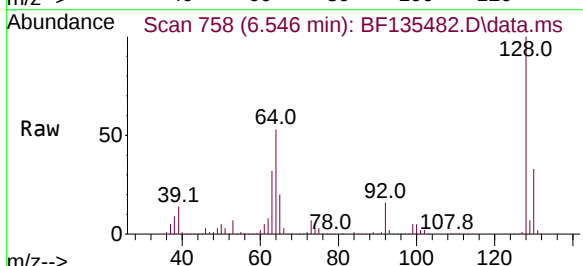
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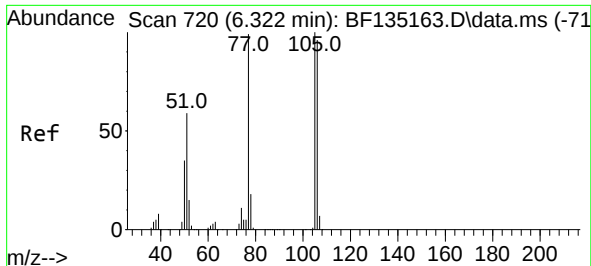
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Tgt Ion:128 Resp: 526748

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.7	52.7
64	52.7	35.9	75.9





#9

Benzaldehyde

Concen: 17.488 ng

RT: 6.310 min Scan# 718

Delta R.T. 0.000 min

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Acq: 27 Sep 2023 20:07

Instrument :

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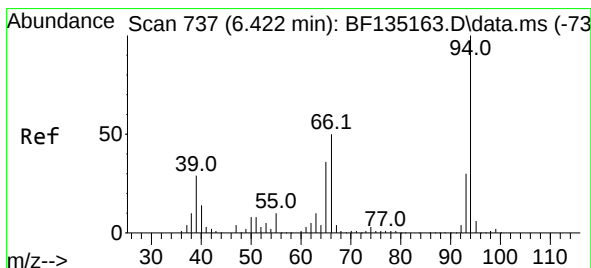
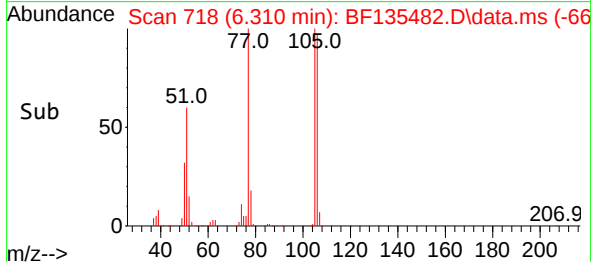
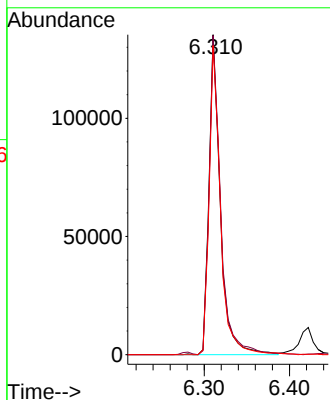
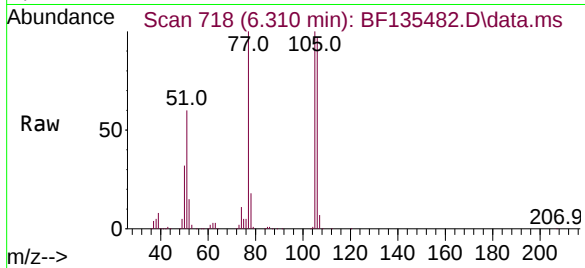
Tgt Ion: 77 Resp: 125254

Ion Ratio Lower Upper

77 100

105 99.8 81.4 121.4

106 96.6 76.9 116.9



#10

Phenol

Concen: 44.591 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.006 min

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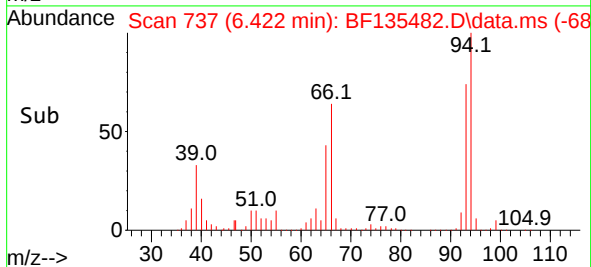
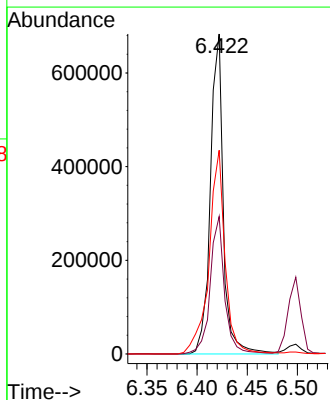
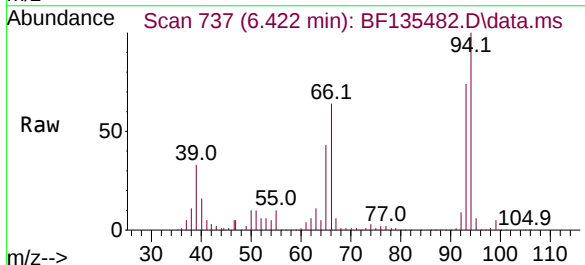
Tgt Ion: 94 Resp: 614755

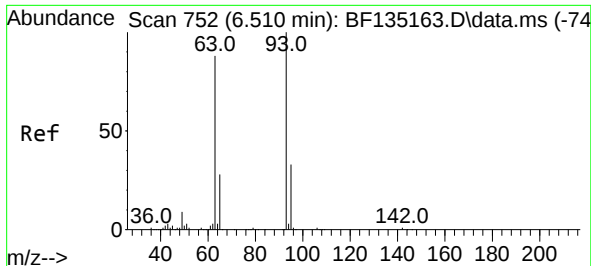
Ion Ratio Lower Upper

94 100

65 42.9 15.9 55.9

66 63.7 29.8 69.8

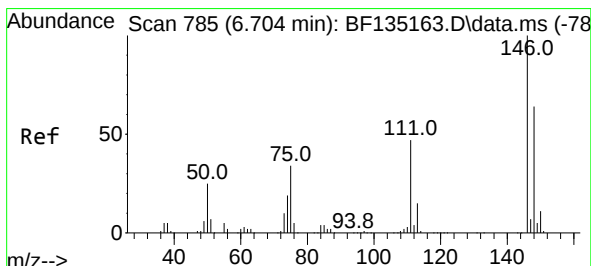
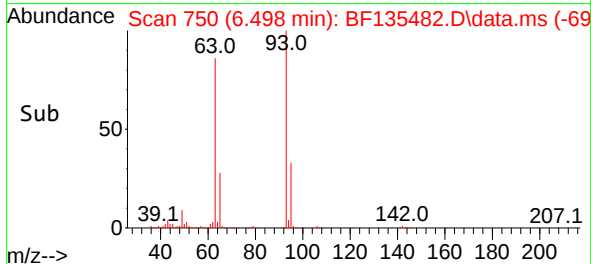
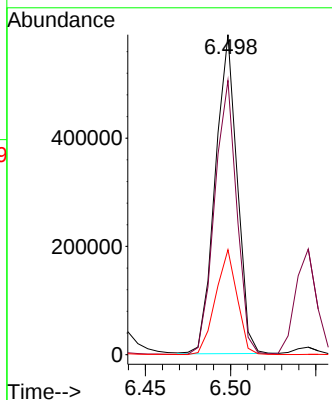
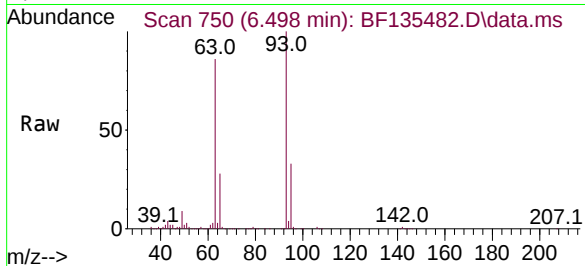




#11
bis(2-Chloroethyl)ether
Concen: 51.070 ng
RT: 6.498 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

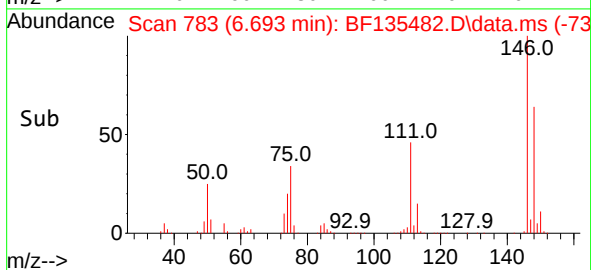
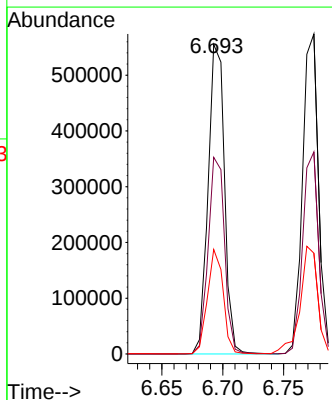
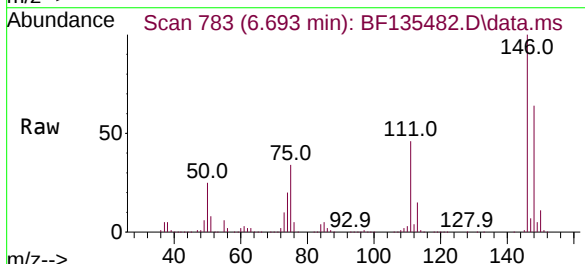
Instrument :
BNA_F
ClientSampleId :
TP-1MS

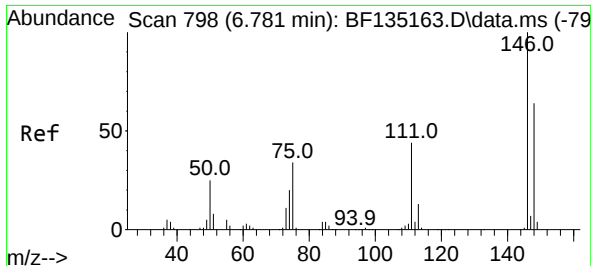
Tgt Ion: 93 Resp: 528138
Ion Ratio Lower Upper
93 100
63 85.7 67.3 107.3
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.622 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:146 Resp: 521577
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 33.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.445 ng

RT: 6.775 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

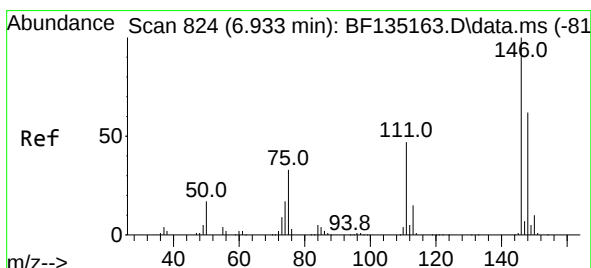
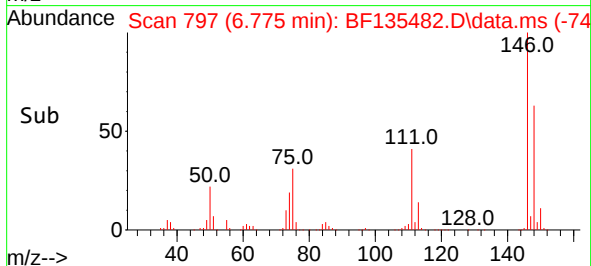
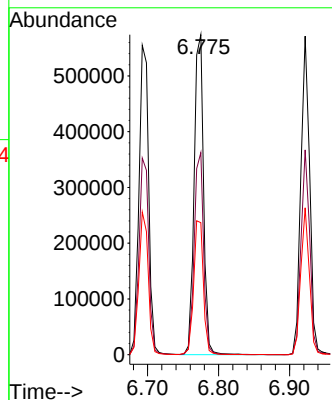
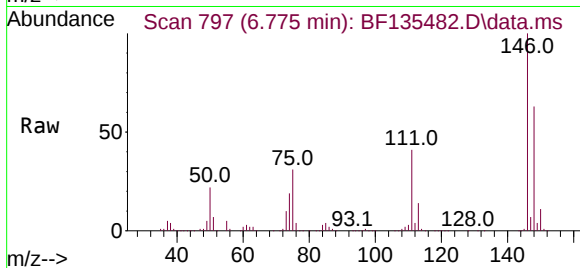
Tgt Ion:146 Resp: 528719

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

111 41.3 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 48.787 ng

RT: 6.922 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

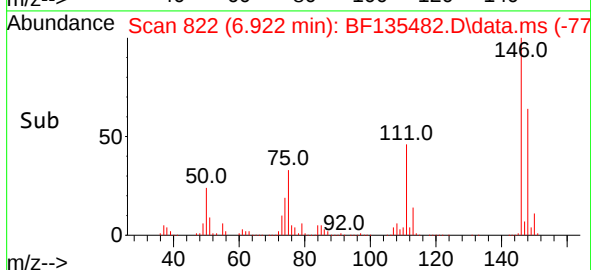
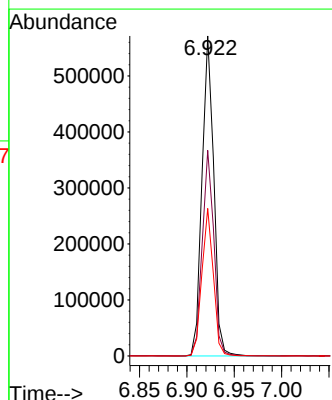
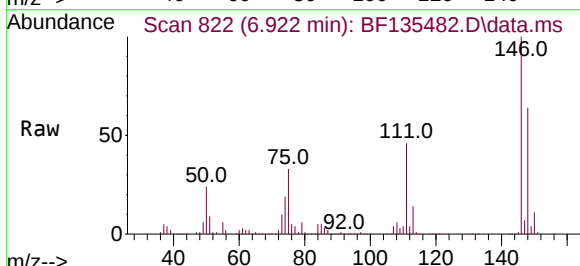
Tgt Ion:146 Resp: 494469

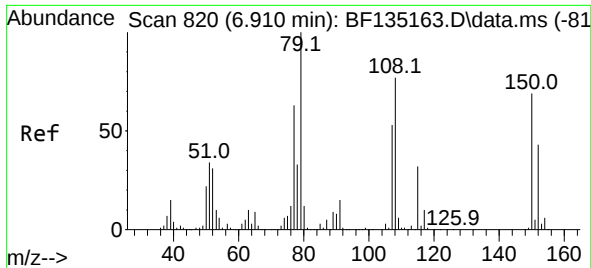
Ion Ratio Lower Upper

146 100

148 64.3 49.7 74.5

111 46.1 37.4 56.2

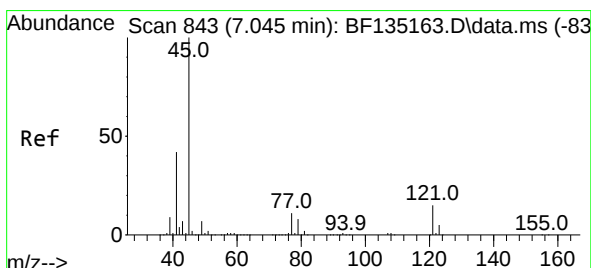
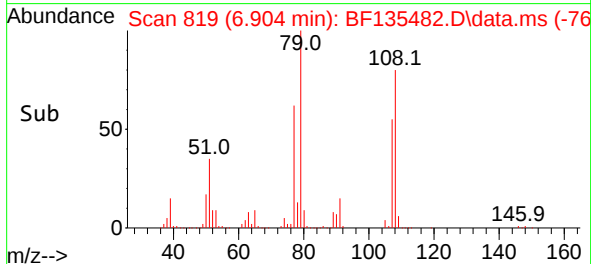
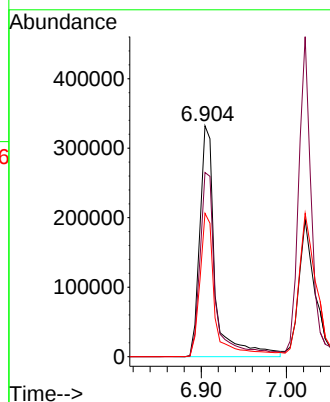
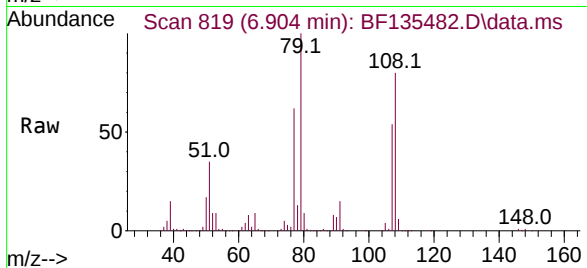




#15
Benzyl Alcohol
Concen: 46.135 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

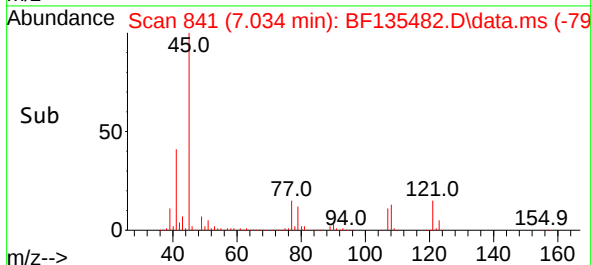
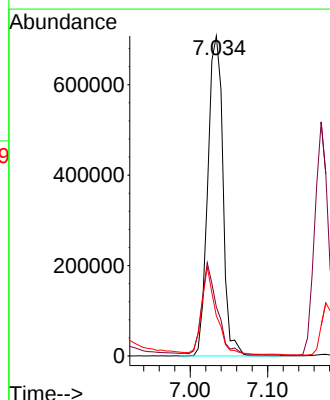
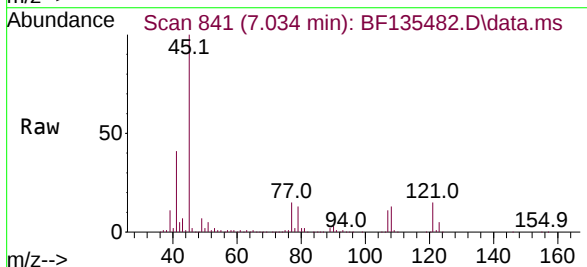
Instrument :
BNA_F
ClientSampleId :
TP-1MS

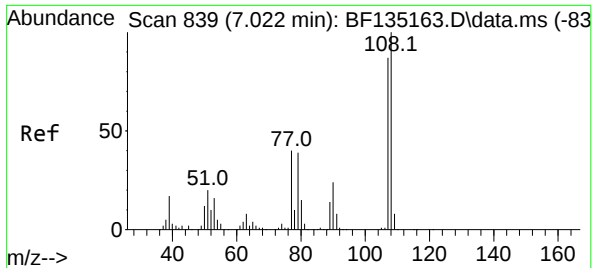
Tgt Ion: 79 Resp: 416232
Ion Ratio Lower Upper
79 100
108 79.7 61.2 91.8
77 62.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.966 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion: 45 Resp: 954477
Ion Ratio Lower Upper
45 100
77 15.3 0.0 30.6
79 12.5 0.0 28.3



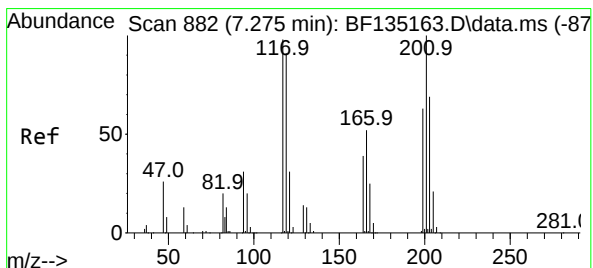
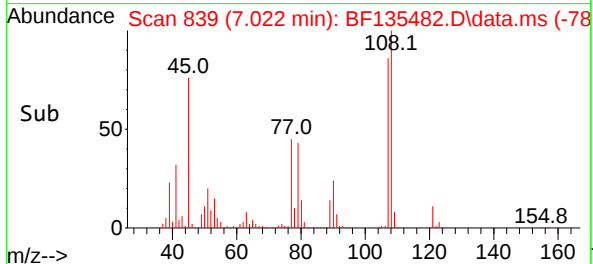
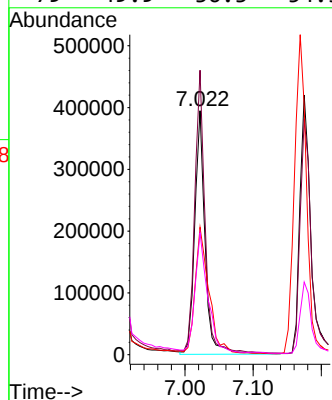
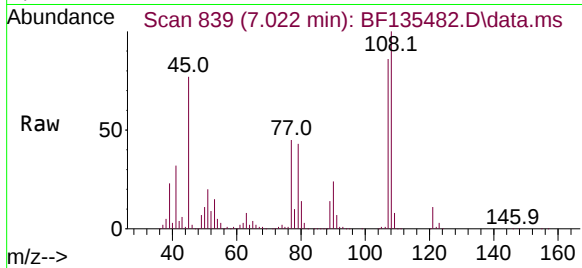


#17
2-Methylphenol
Concen: 44.869 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:107 Resp: 417931

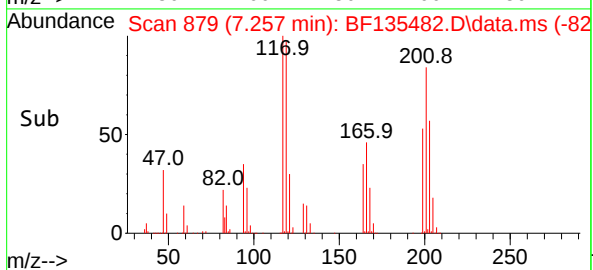
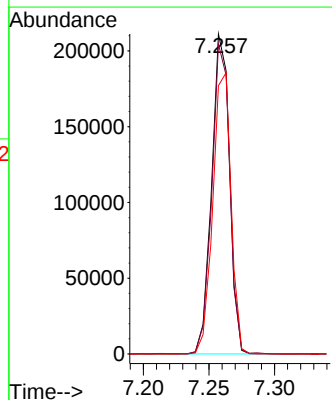
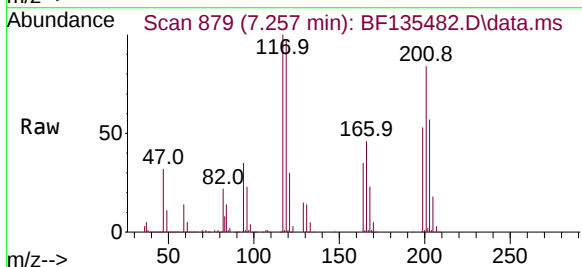
Ion	Ratio	Lower	Upper
107	100		
108	116.6	92.0	138.0
77	52.2	36.7	55.1
79	49.9	36.3	54.5



#18
Hexachloroethane
Concen: 49.604 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:117 Resp: 200030

Ion	Ratio	Lower	Upper
117	100		
119	96.8	74.7	112.1
201	83.8	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.948 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 70 Resp: 326671

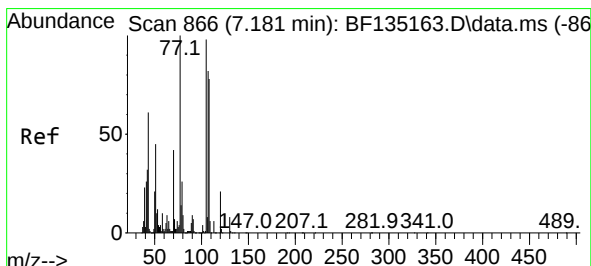
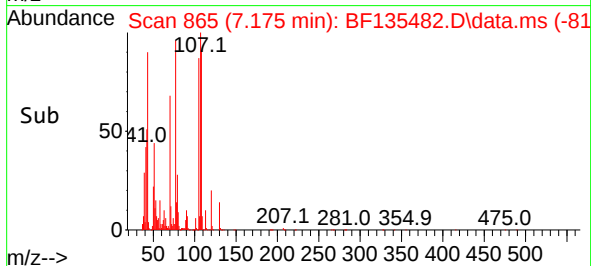
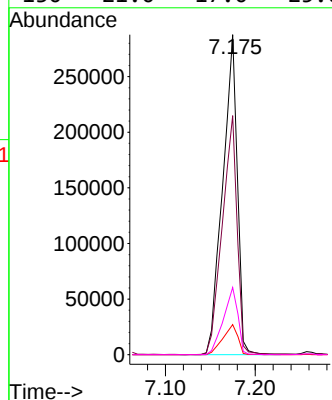
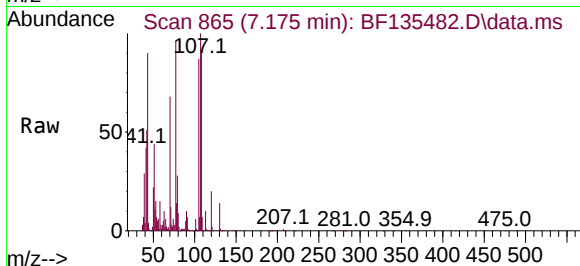
Ion Ratio Lower Upper

70 100

42 74.7 55.4 83.0

101 9.4 7.7 11.5

130 21.0 17.0 25.6



#20

3+4-Methylphenols

Concen: 42.308 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion: 107 Resp: 473866

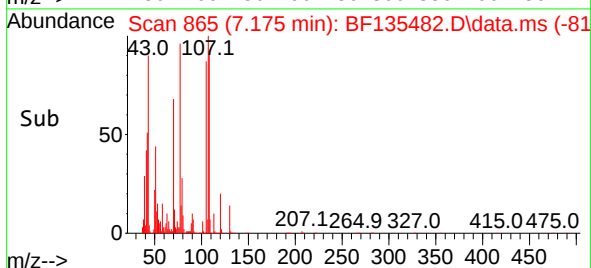
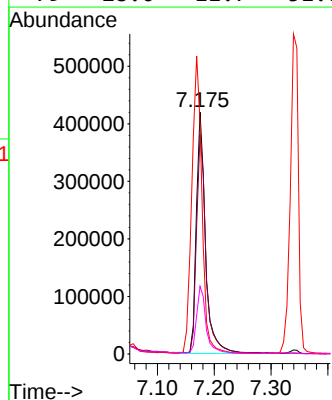
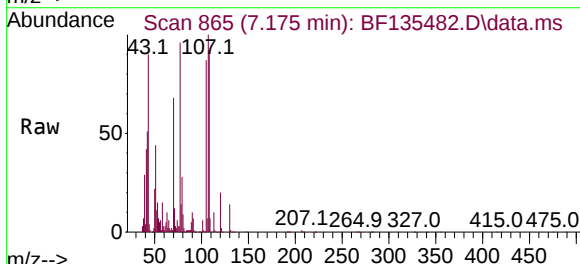
Ion Ratio Lower Upper

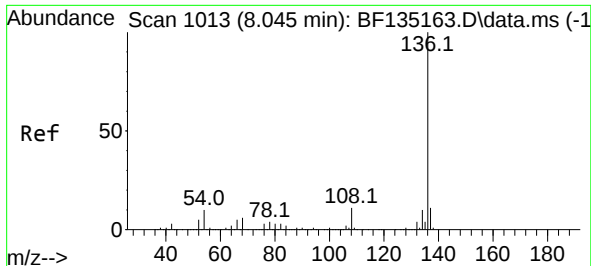
107 100

108 90.8 74.7 114.7

77 95.8 102.0 142.0

79 28.0 11.7 51.7

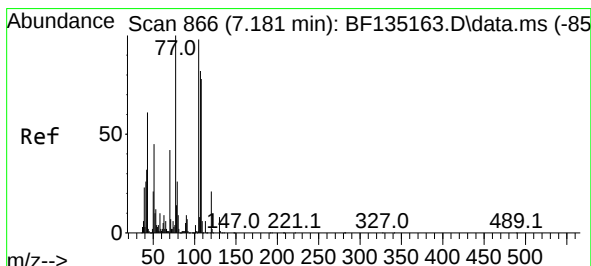
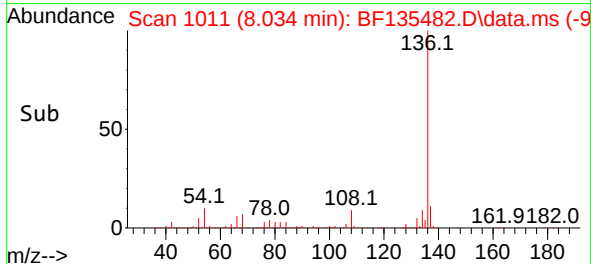
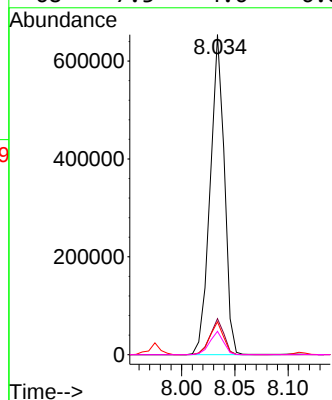
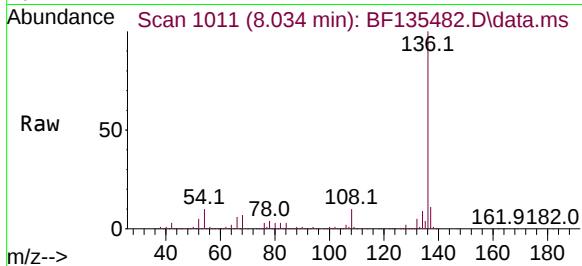




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

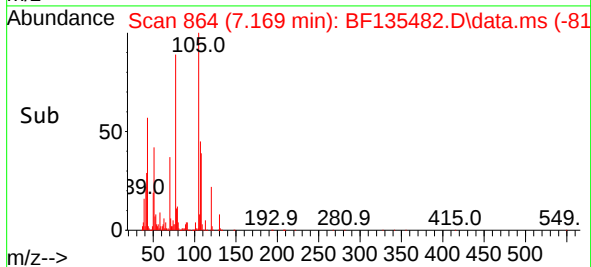
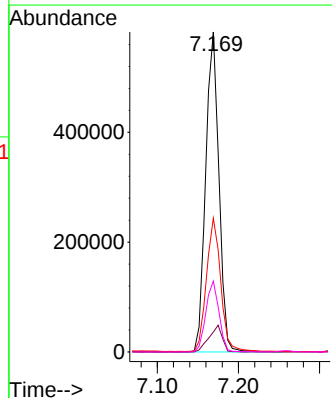
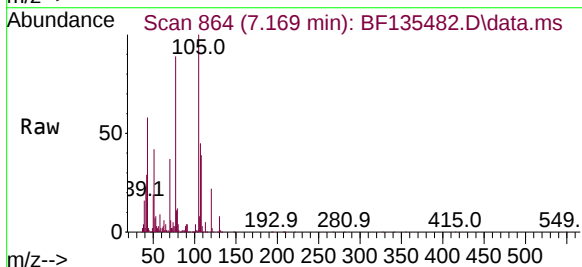
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:136 Resp: 605280
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.2 7.7 11.5
68 7.3 4.6 6.8#



#22
Acetophenone
Concen: 47.567 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:105 Resp: 658244
Ion Ratio Lower Upper
105 100
71 6.2 5.8 8.6
51 41.8 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 76.683 ng

RT: 7.322 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

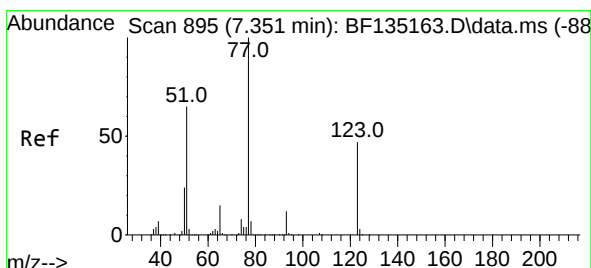
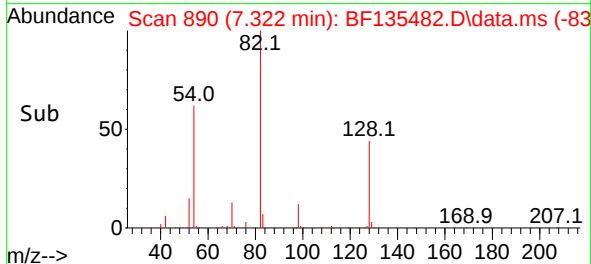
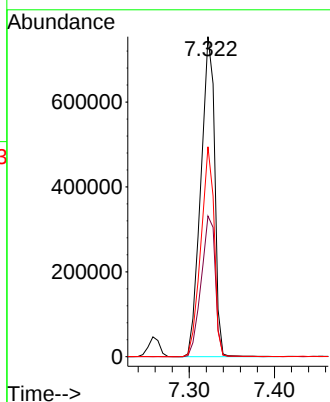
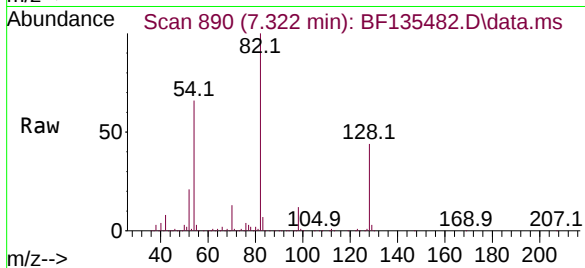
Tgt Ion: 82 Resp: 854321

Ion Ratio Lower Upper

82 100

128 44.0 35.8 53.6

54 65.6 50.6 76.0



#24

Nitrobenzene

Concen: 50.081 ng

RT: 7.340 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

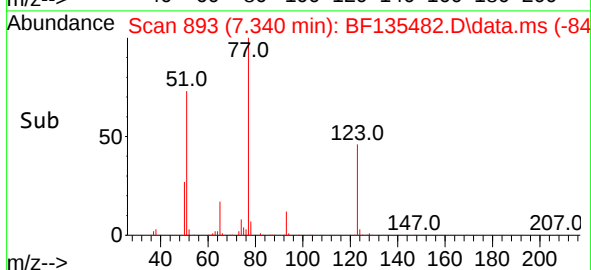
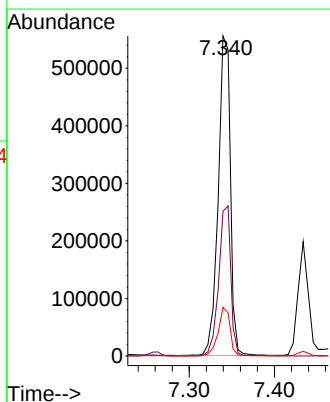
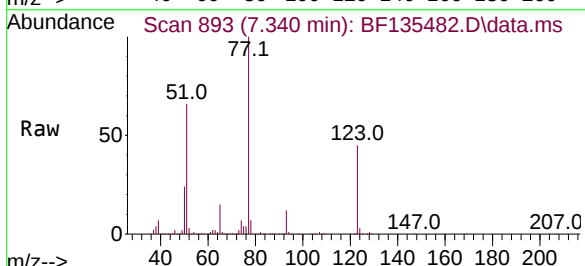
Tgt Ion: 77 Resp: 551478

Ion Ratio Lower Upper

77 100

123 45.2 37.6 56.4

65 15.2 12.2 18.4

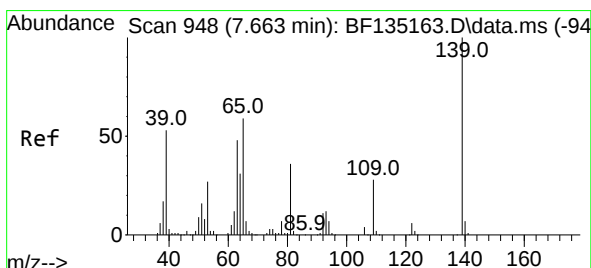
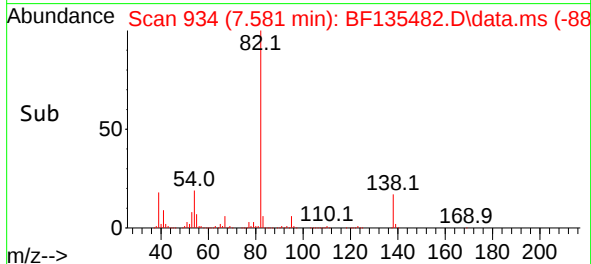
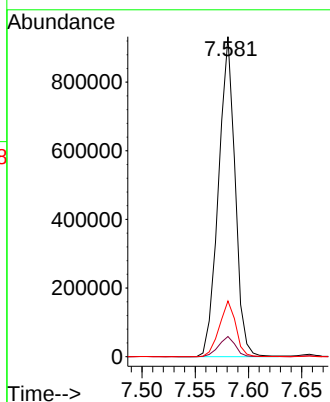
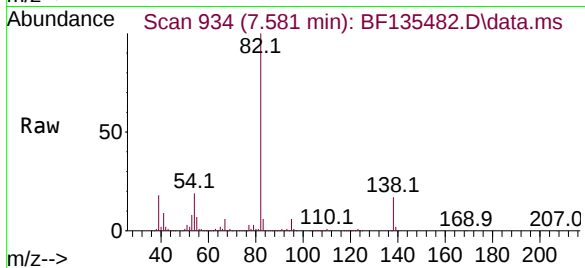




#25
Isophorone
Concen: 49.277 ng
RT: 7.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

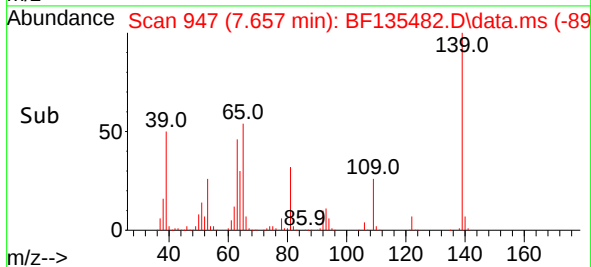
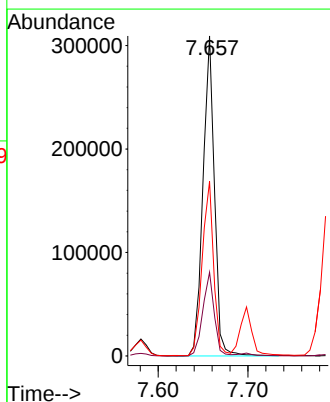
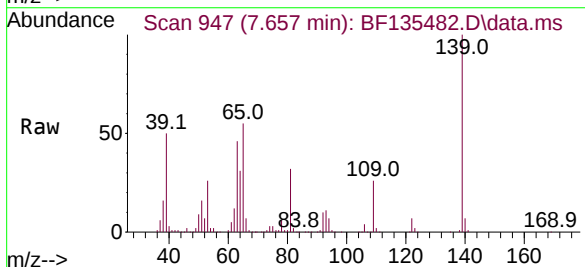
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 82 Resp: 1008095
Ion Ratio Lower Upper
82 100
95 6.3 6.0 9.0
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 52.010 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion: 139 Resp: 274874
Ion Ratio Lower Upper
139 100
109 26.1 22.6 33.8
65 54.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.519 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

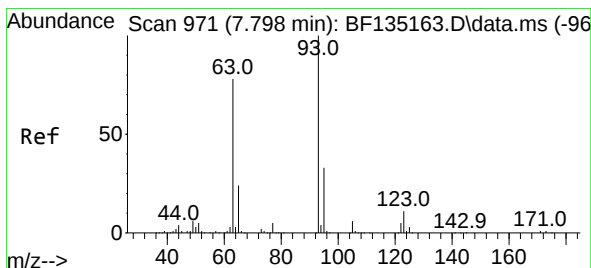
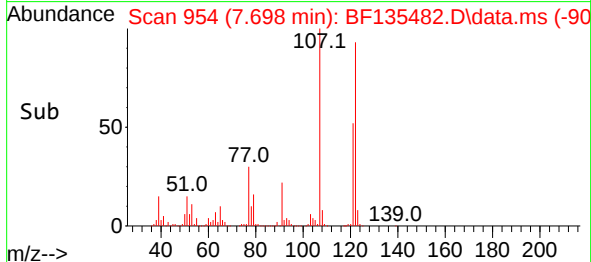
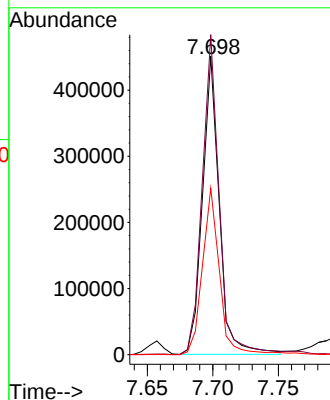
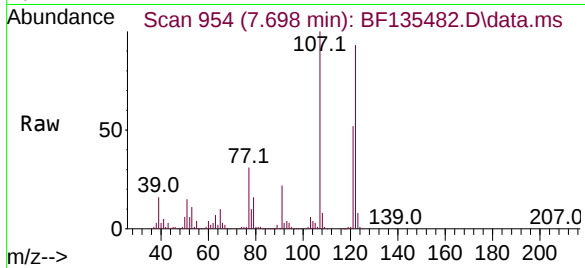
Tgt Ion:122 Resp: 404369

Ion Ratio Lower Upper

122 100

107 107.1 90.2 135.4

121 55.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 51.310 ng

RT: 7.793 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

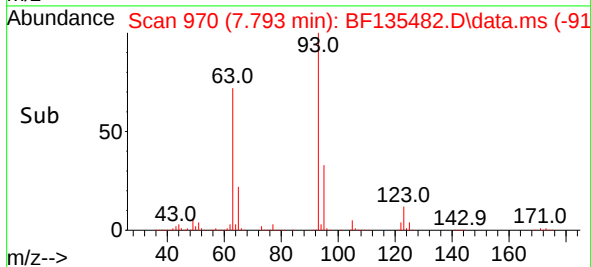
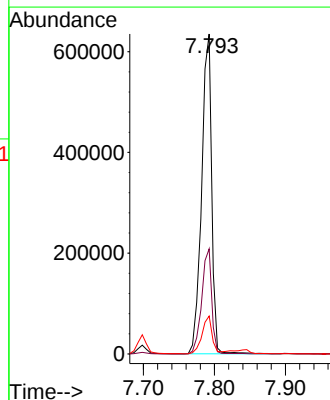
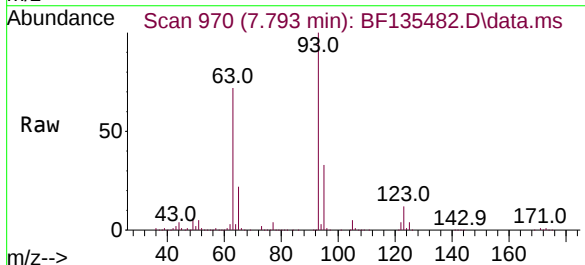
Tgt Ion: 93 Resp: 628263

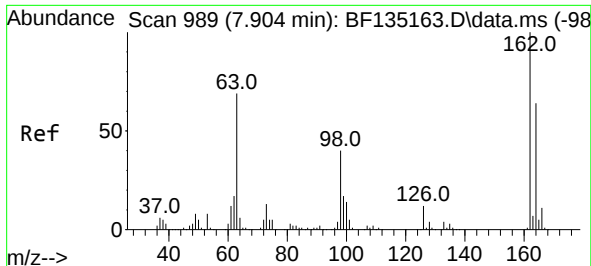
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.8 8.8 13.2

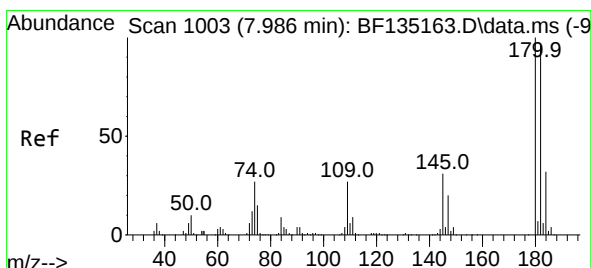
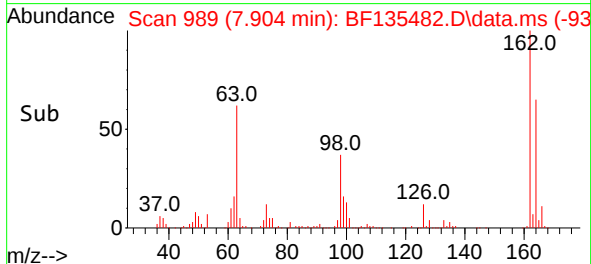
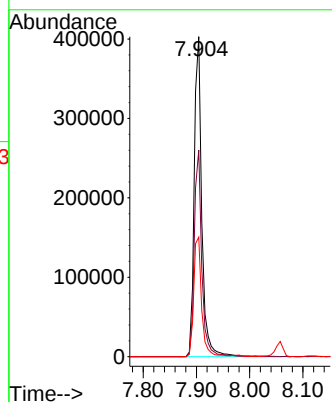
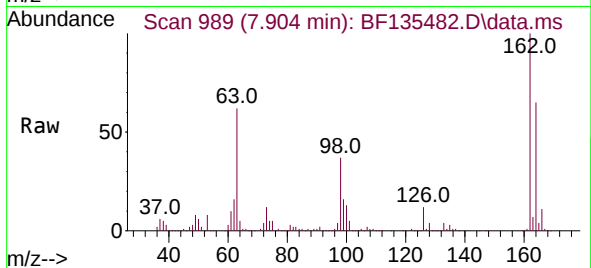




#29
2,4-Dichlorophenol
Concen: 48.530 ng
RT: 7.904 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

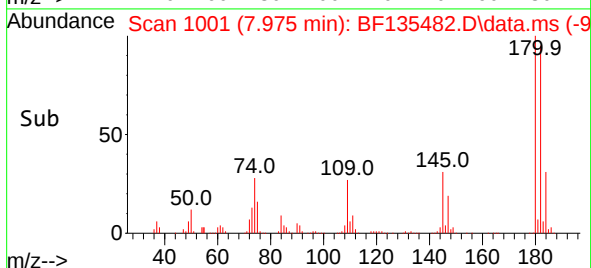
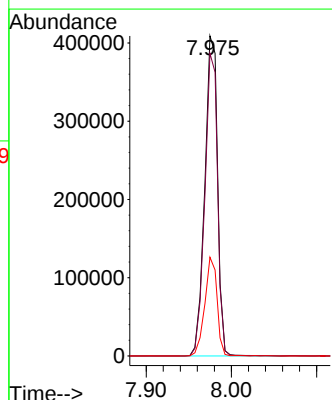
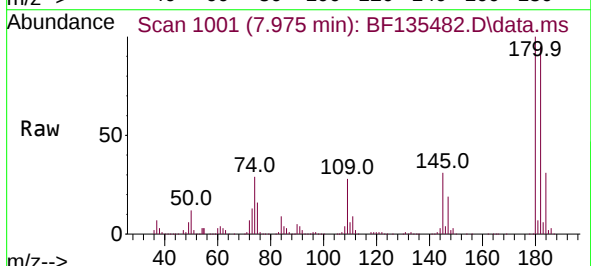
Instrument :
BNA_F
ClientSampleId :
TP-1MS

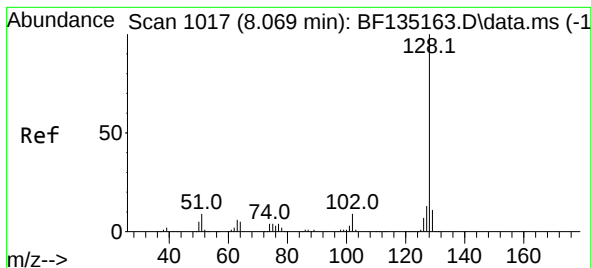
Tgt Ion:162 Resp: 399479
Ion Ratio Lower Upper
162 100
164 64.5 44.1 84.1
98 37.4 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 49.648 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:180 Resp: 427163
Ion Ratio Lower Upper
180 100
182 94.6 76.9 115.3
145 30.9 24.5 36.7





#31

Naphthalene

Concen: 48.398 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

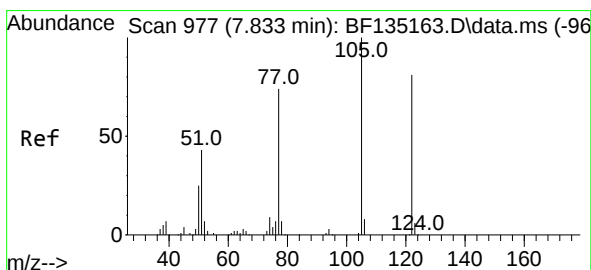
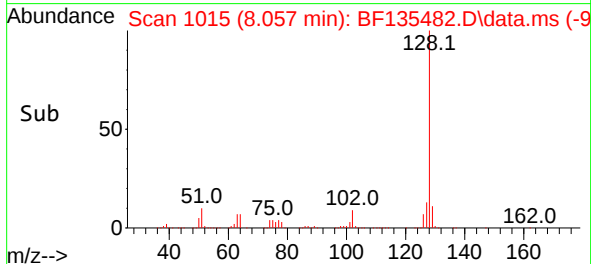
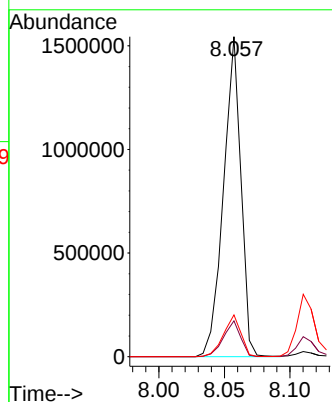
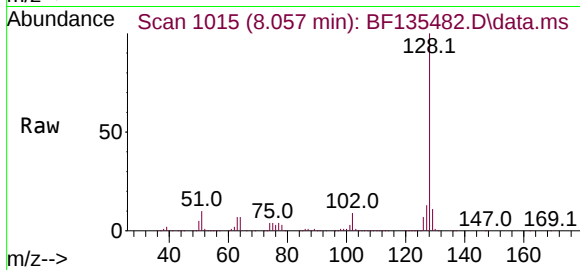
Tgt Ion:128 Resp: 1423315

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 41.284 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.018 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

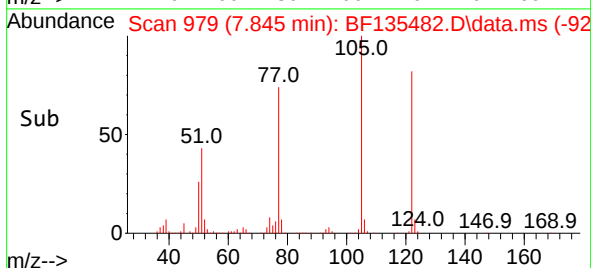
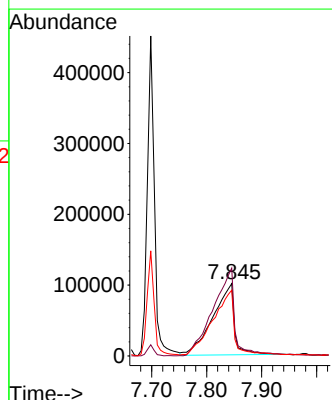
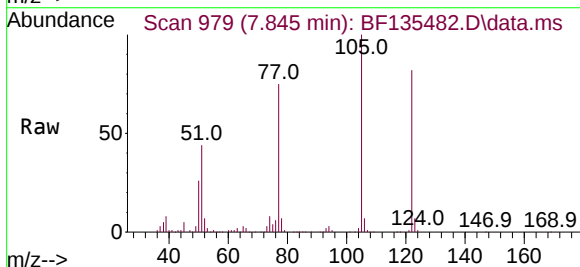
Tgt Ion:122 Resp: 276159

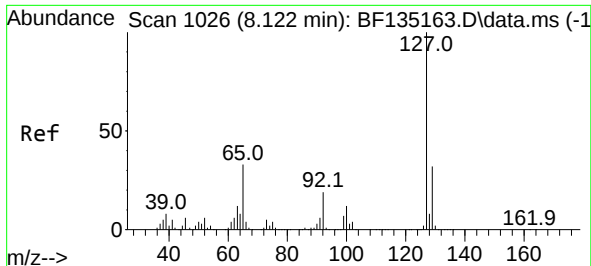
Ion Ratio Lower Upper

122 100

105 121.5 99.9 139.9

77 90.9 70.0 110.0

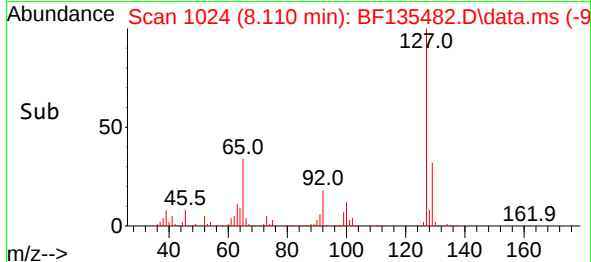
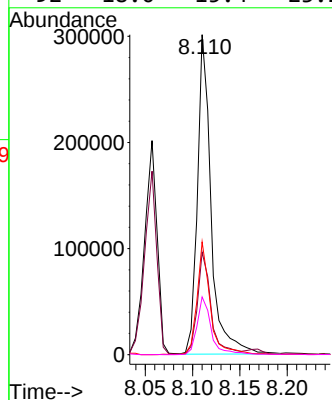
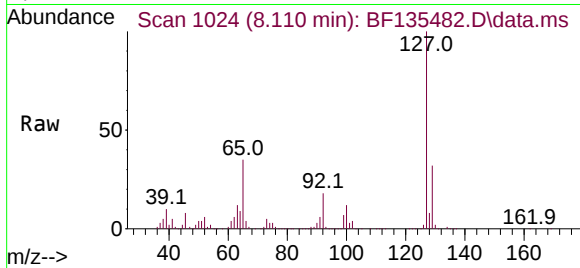




#33
4-Chloroaniline
Concen: 23.535 ng
RT: 8.110 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

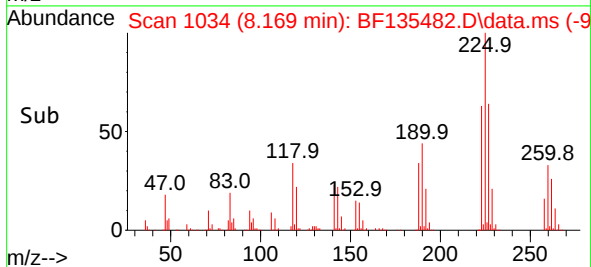
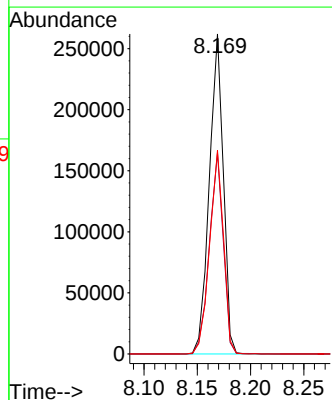
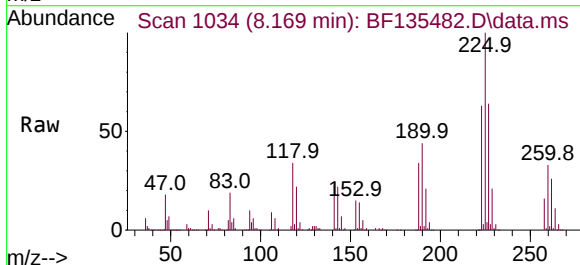
Instrument :
BNA_F
ClientSampleId :
TP-1MS

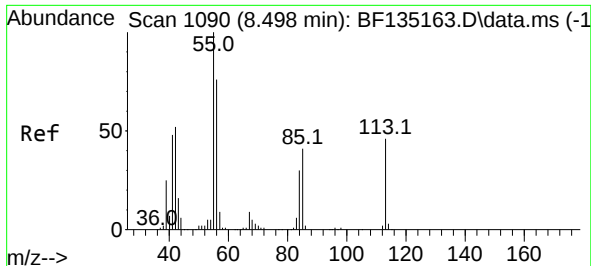
Tgt Ion:	127	Resp:	303673
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	35.3	26.6	39.8
92	18.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 46.204 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:	225	Resp:	239702
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	75.8
227	63.7	50.8	76.2

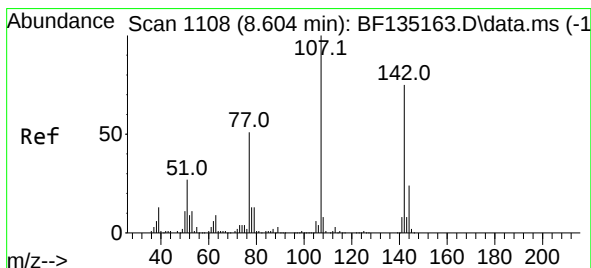
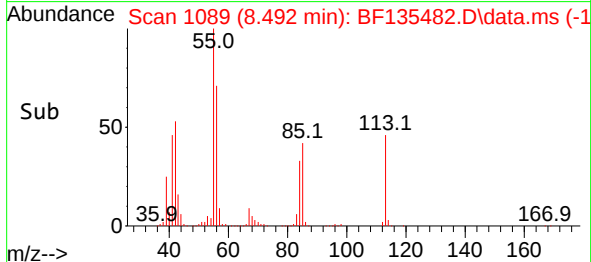
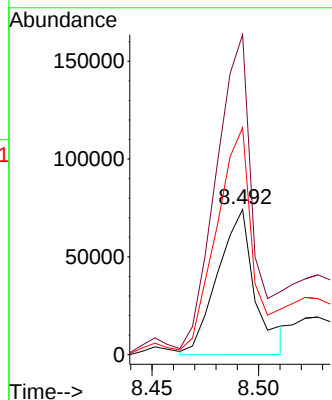
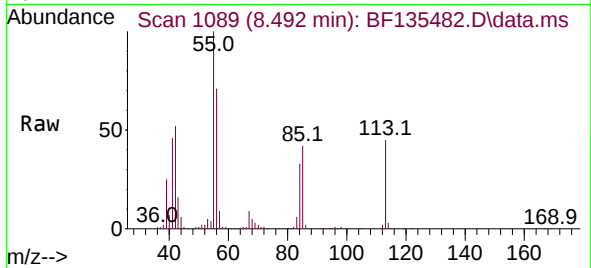




#35
Caprolactam
Concen: 32.656 ng
RT: 8.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

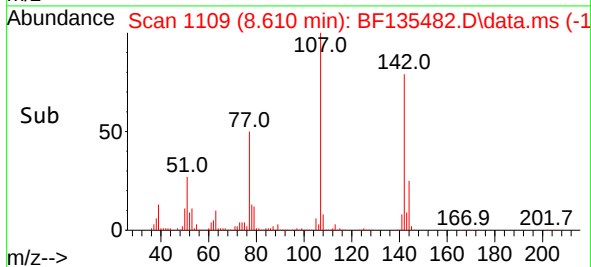
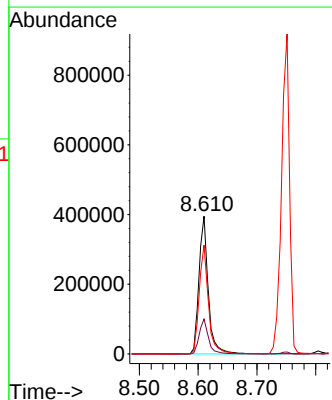
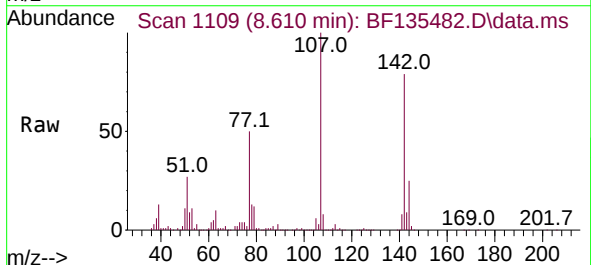
Instrument :
BNA_F
ClientSampleId :
TP-1MS

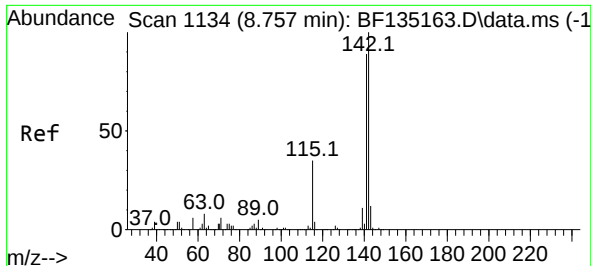
Tgt Ion:113 Resp: 90216
Ion Ratio Lower Upper
113 100
55 220.2 199.3 239.3
56 156.2 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 47.783 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:107 Resp: 437153
Ion Ratio Lower Upper
107 100
144 25.4 19.0 28.4
142 79.1 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.094 ng

RT: 8.751 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

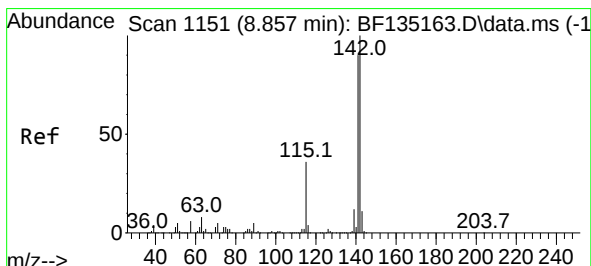
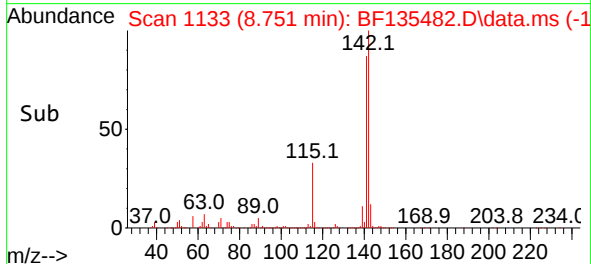
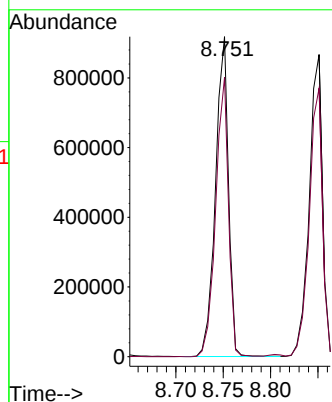
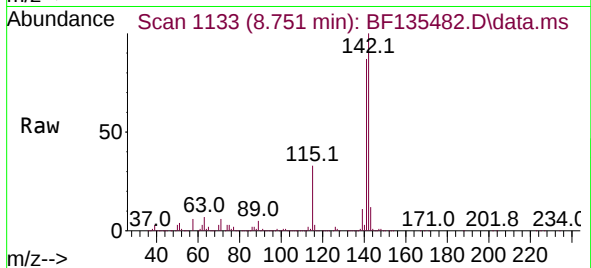
TP-1MS

Tgt Ion:142 Resp: 871673

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.408 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135482.D

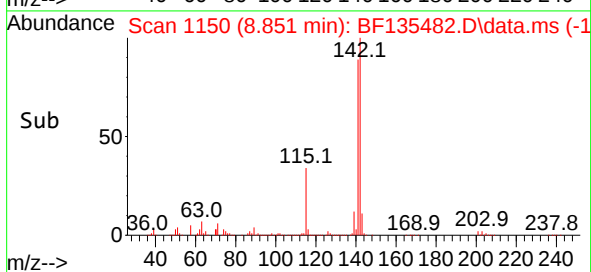
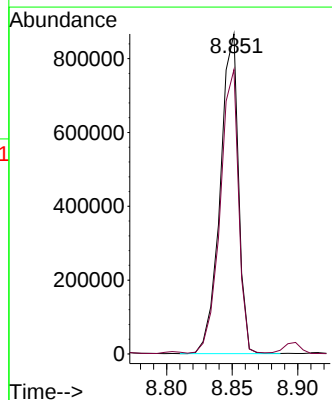
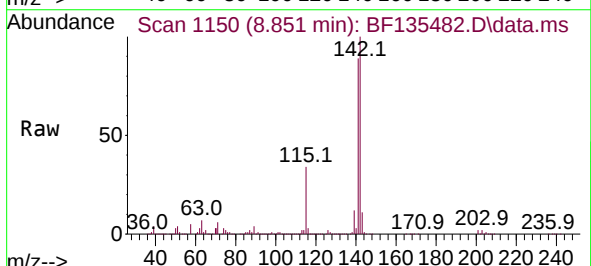
Acq: 27 Sep 2023 20:07

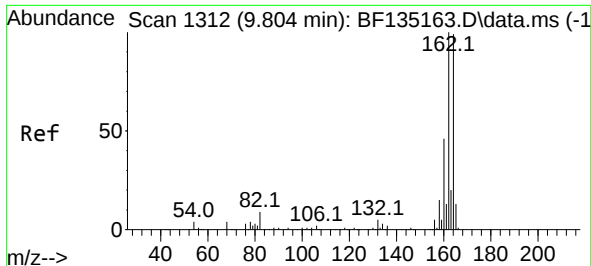
Tgt Ion:142 Resp: 840411

Ion Ratio Lower Upper

142 100

141 88.9 72.4 108.6

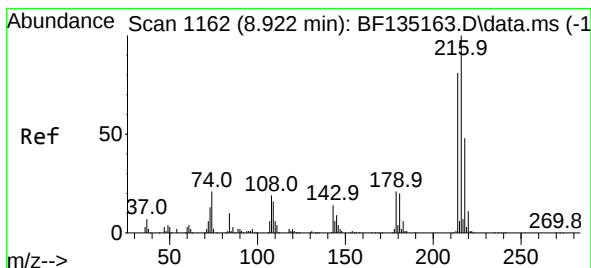
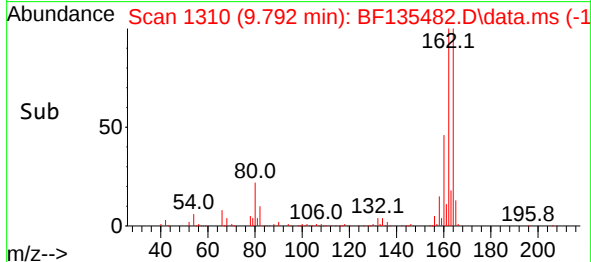
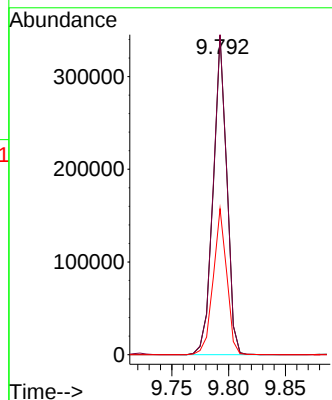
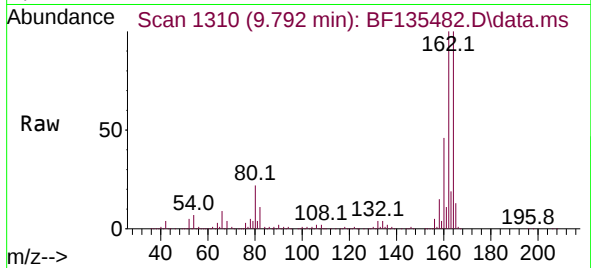




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

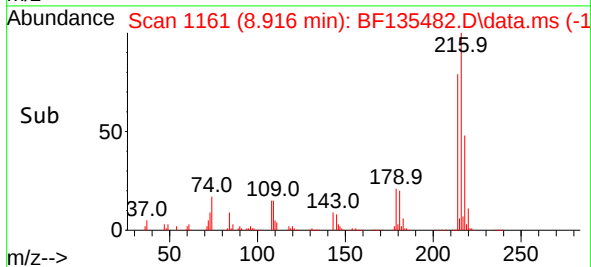
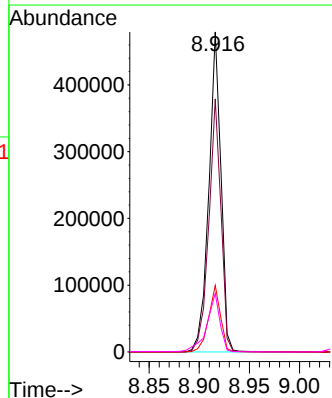
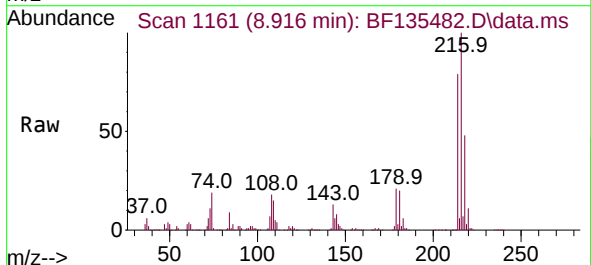
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:164 Resp: 286076
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 45.7 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.960 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:216 Resp: 405771
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.5 16.7 25.1
108 20.0 14.9 22.3

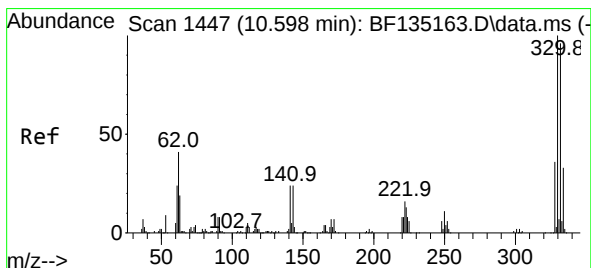
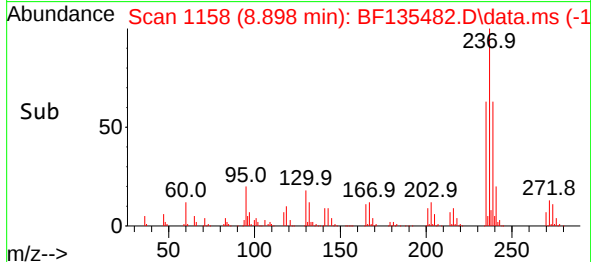
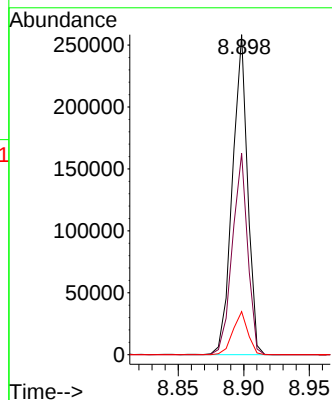
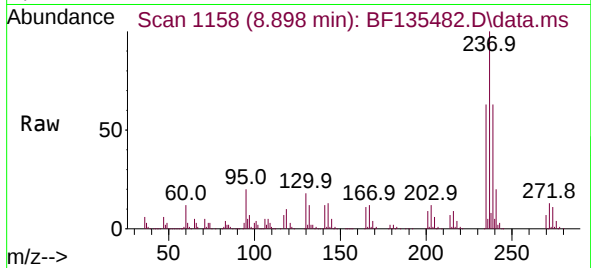




#41
Hexachlorocyclopentadiene
Concen: 59.150 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

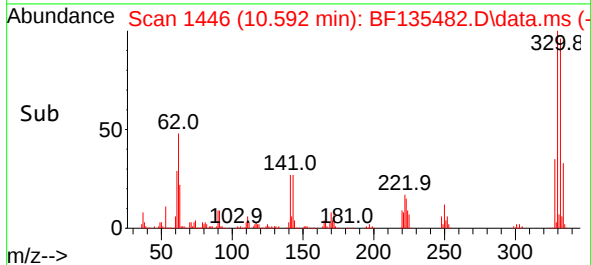
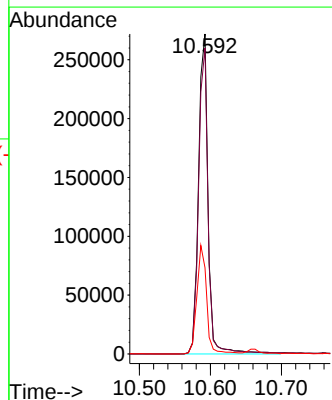
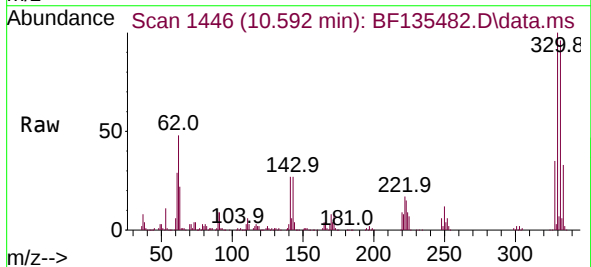
Instrument :
BNA_F
ClientSampleId :
TP-1MS

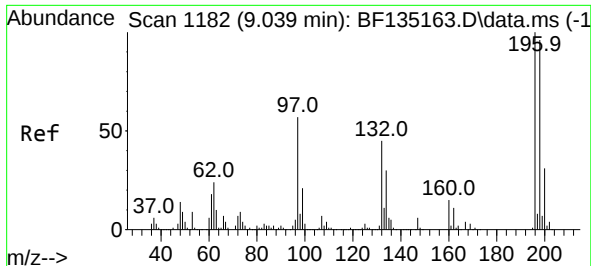
Tgt Ion:237 Resp: 208267
Ion Ratio Lower Upper
237 100
235 62.9 41.8 81.8
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 90.021 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:330 Resp: 255921
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 34.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 48.016 ng

RT: 9.034 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

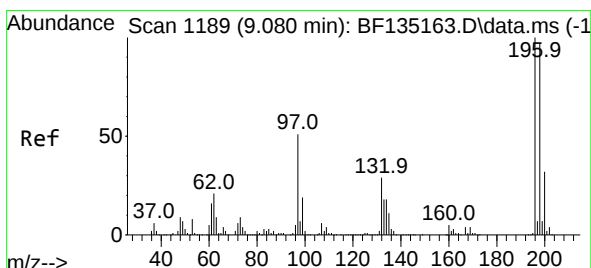
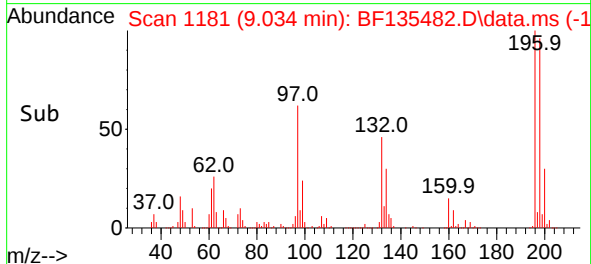
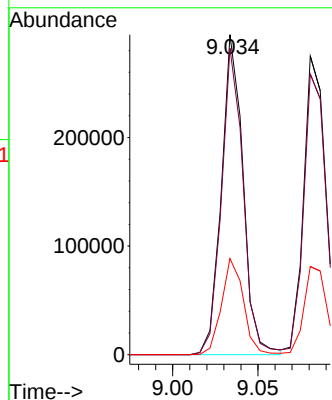
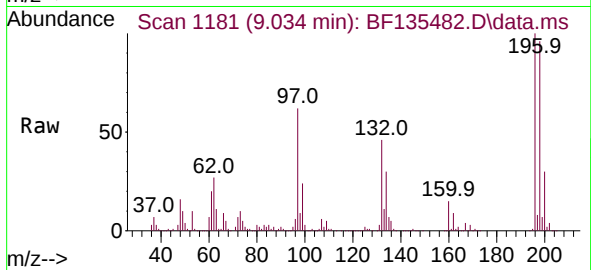
Tgt Ion:196 Resp: 260556

Ion Ratio Lower Upper

196 100

198 95.8 77.0 115.6

200 30.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.450 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion:196 Resp: 277771

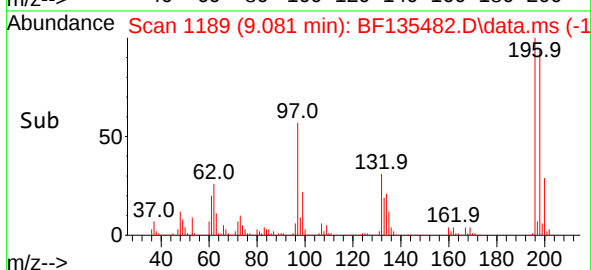
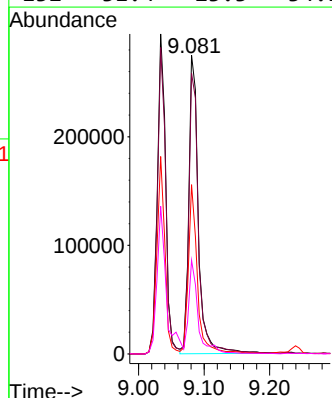
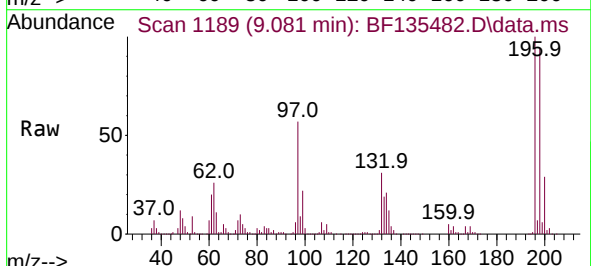
Ion Ratio Lower Upper

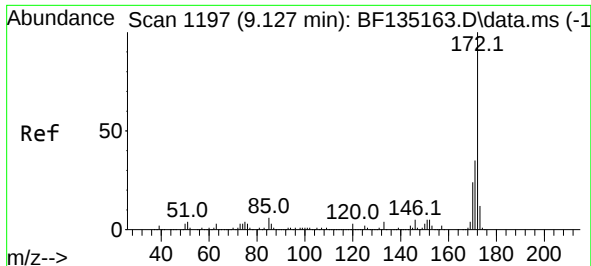
196 100

198 93.9 77.5 116.3

97 56.7 40.5 60.7

132 31.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.389 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

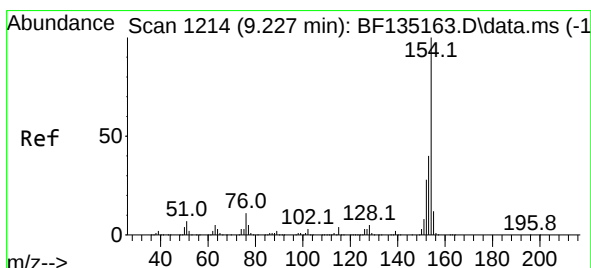
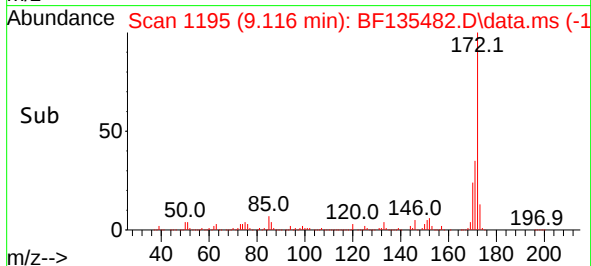
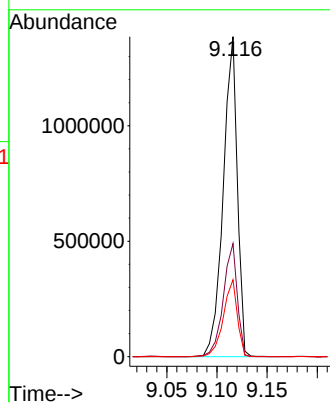
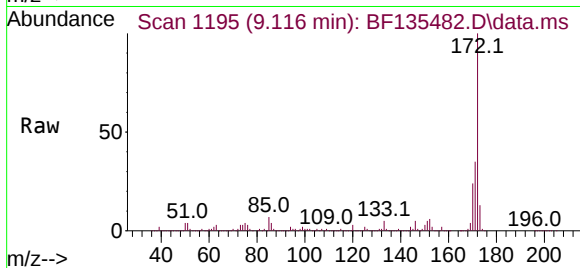
Tgt Ion:172 Resp: 1353637

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.657 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

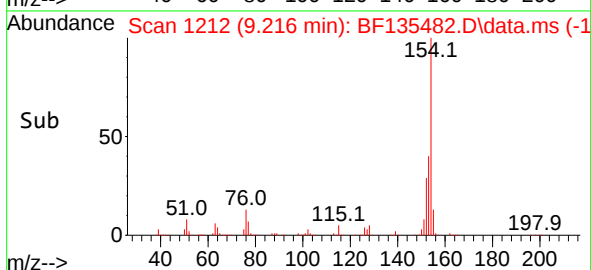
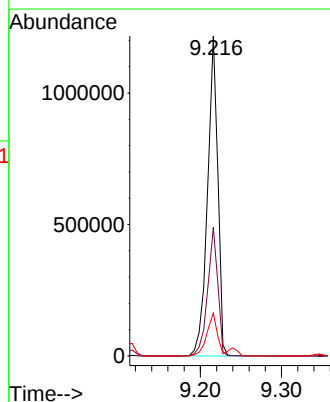
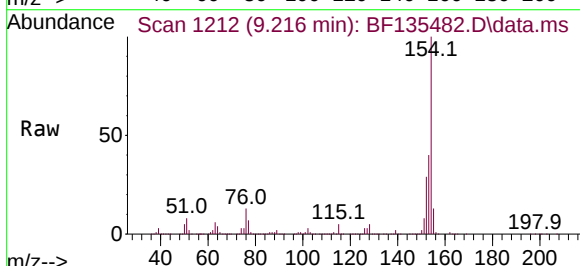
Tgt Ion:154 Resp: 1069698

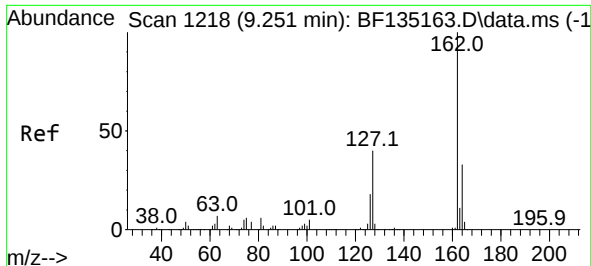
Ion Ratio Lower Upper

154 100

153 40.3 19.6 59.6

76 13.4 0.0 31.0

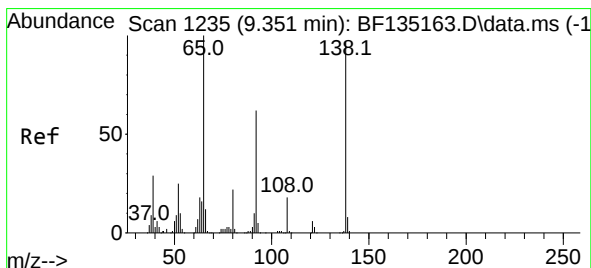
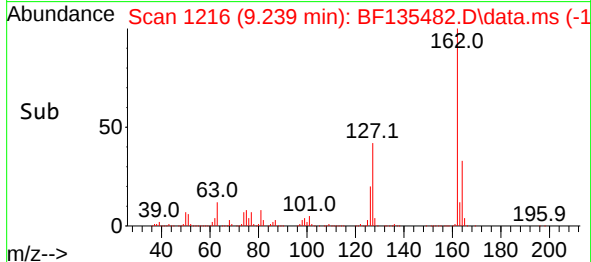
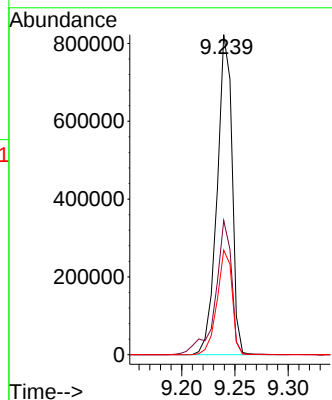
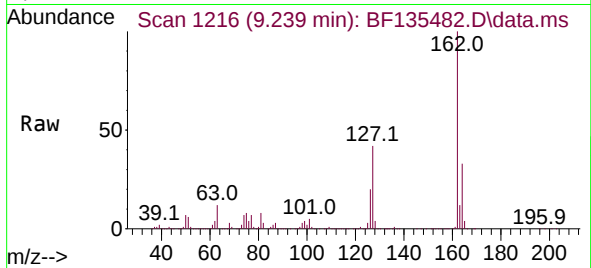




#47
2-Chloronaphthalene
Concen: 50.290 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

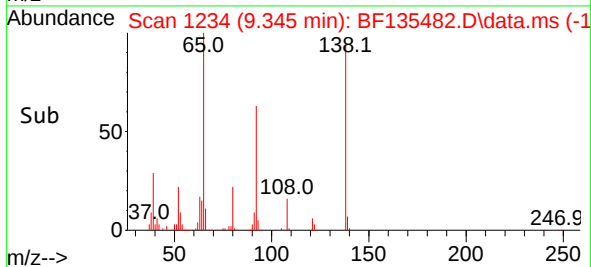
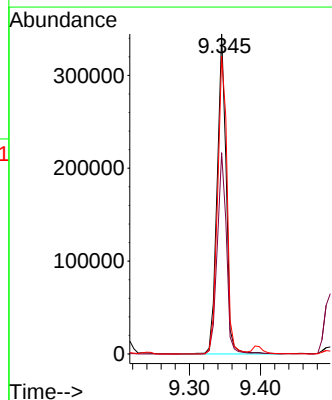
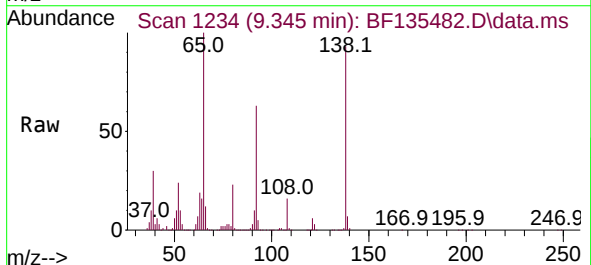
Instrument :
BNA_F
ClientSampleId :
TP-1MS

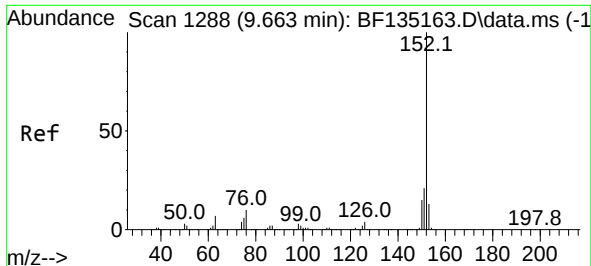
Tgt Ion:162 Resp: 802184
Ion Ratio Lower Upper
162 100
127 42.0 32.6 48.8
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 49.148 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion: 65 Resp: 304569
Ion Ratio Lower Upper
65 100
92 62.9 49.4 74.0
138 93.0 77.4 116.0





#49

Acenaphthylene

Concen: 48.259 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

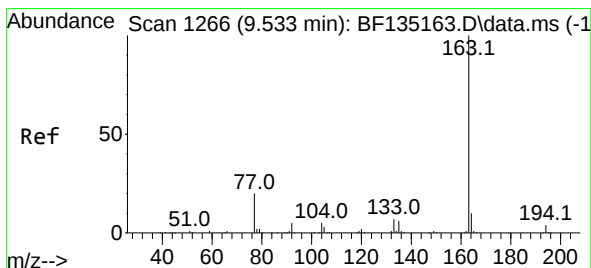
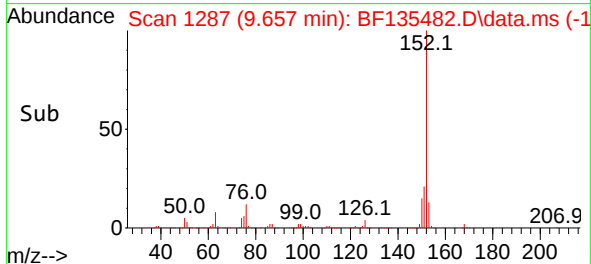
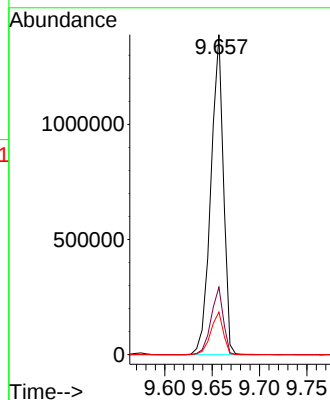
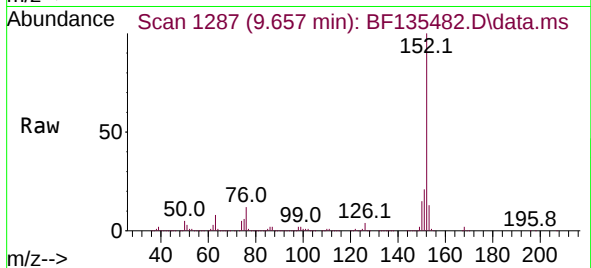
Tgt Ion:152 Resp: 1279312

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 47.913 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

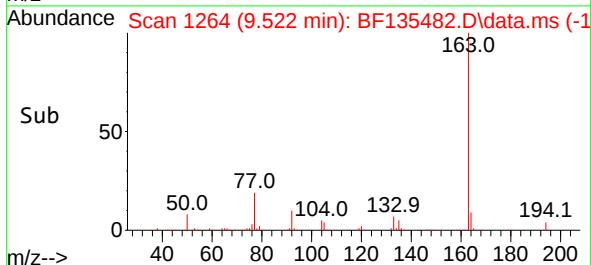
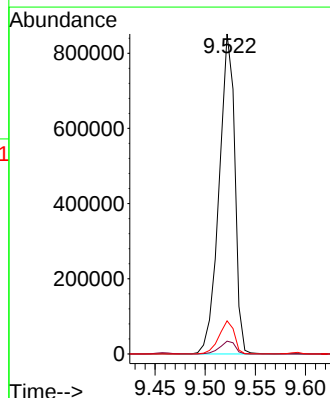
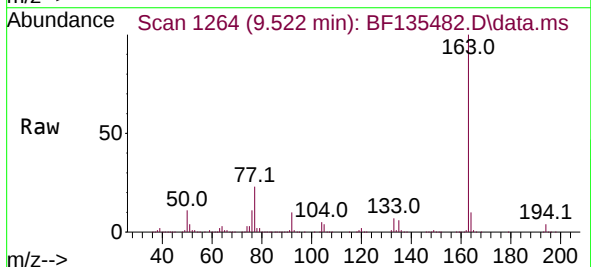
Tgt Ion:163 Resp: 926714

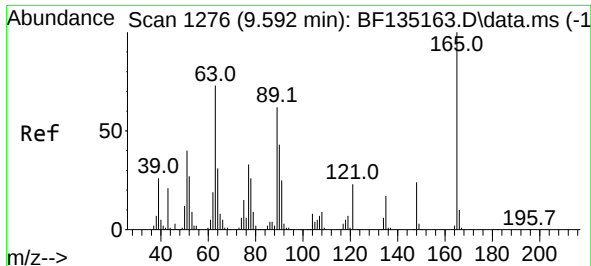
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.1 12.1

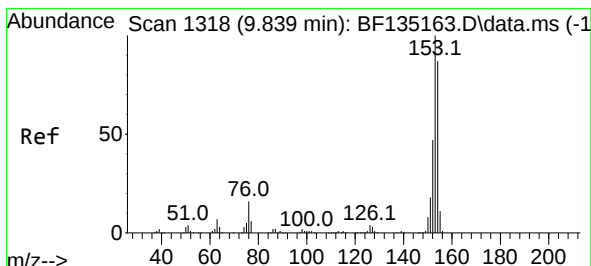
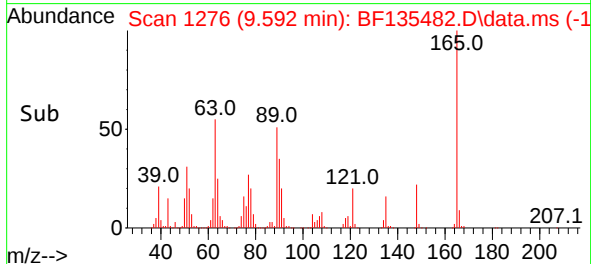
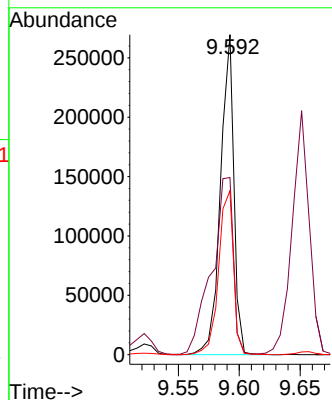
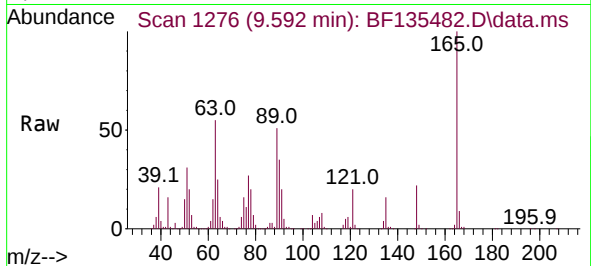




#51
2,6-Dinitrotoluene
Concen: 48.762 ng
RT: 9.592 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

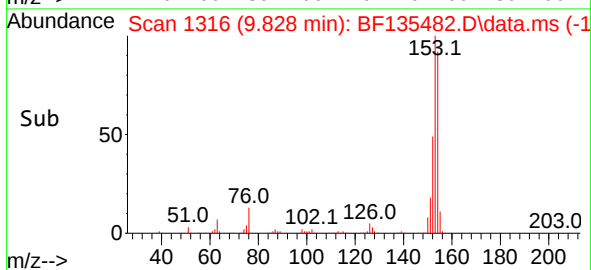
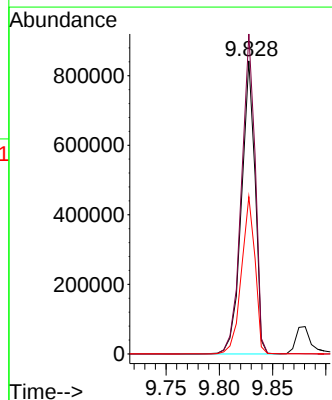
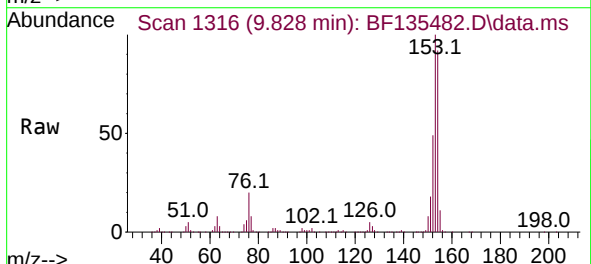
Instrument :
BNA_F
ClientSampleId :
TP-1MS

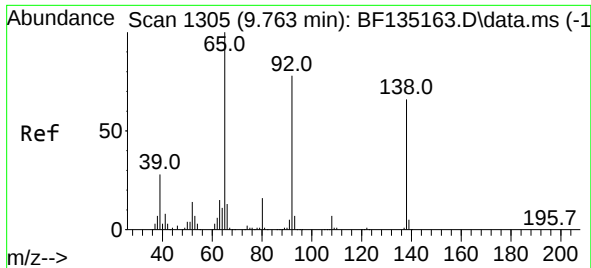
Tgt Ion:165 Resp: 206609
Ion Ratio Lower Upper
165 100
63 55.4 59.4 89.2#
89 51.2 49.8 74.8



#52
Acenaphthene
Concen: 47.963 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:154 Resp: 751122
Ion Ratio Lower Upper
154 100
153 109.2 92.1 138.1
152 53.6 43.1 64.7

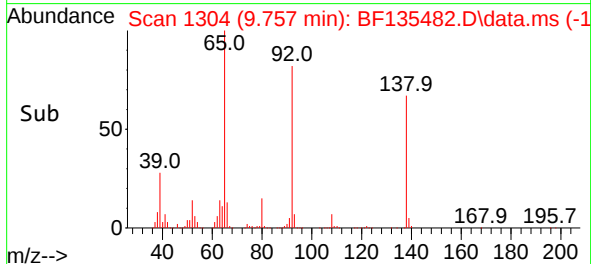
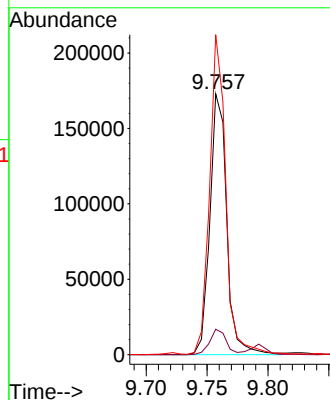
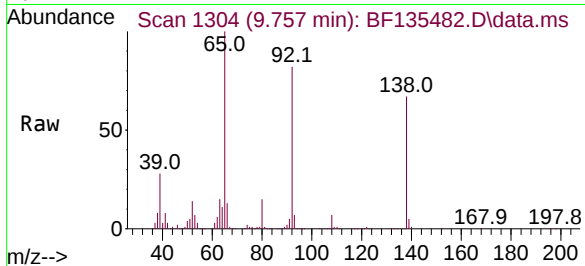




#53
3-Nitroaniline
Concen: 33.416 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

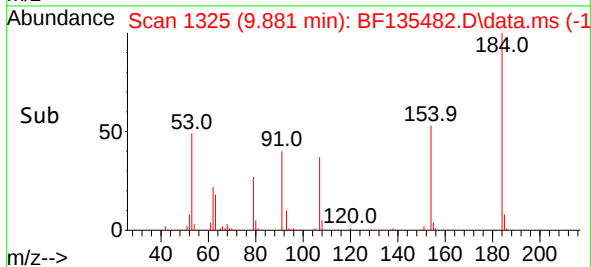
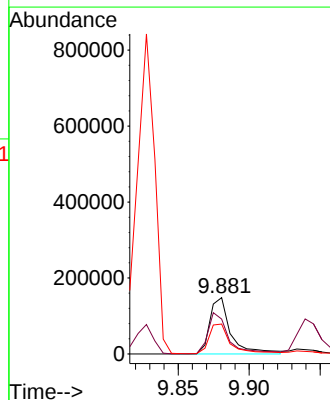
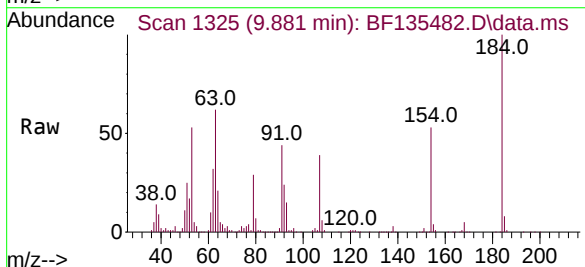
Instrument :
BNA_F
ClientSampleId :
TP-1MS

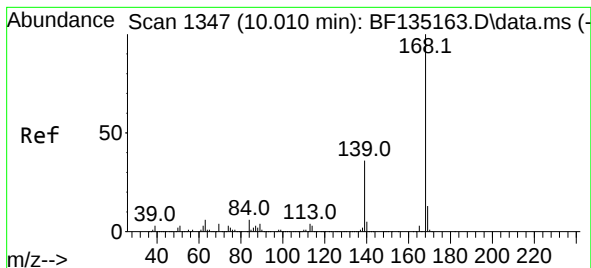
Tgt Ion:138 Resp: 166198
Ion Ratio Lower Upper
138 100
108 9.7 8.5 12.7
92 122.7 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 64.669 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:184 Resp: 152431
Ion Ratio Lower Upper
184 100
63 62.1 55.1 82.7
154 53.1 48.4 72.6

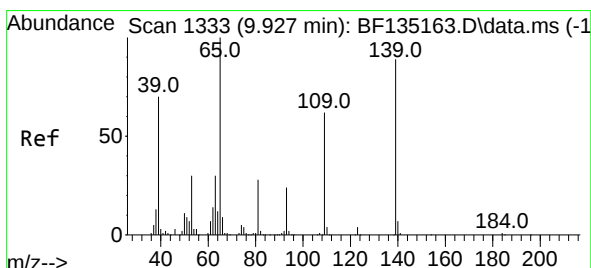
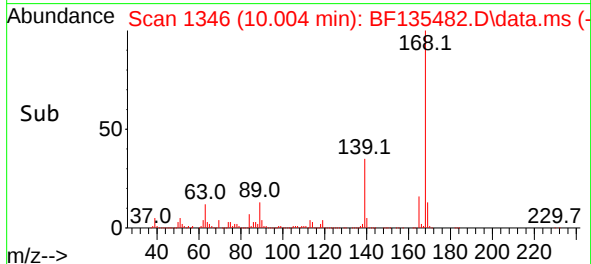
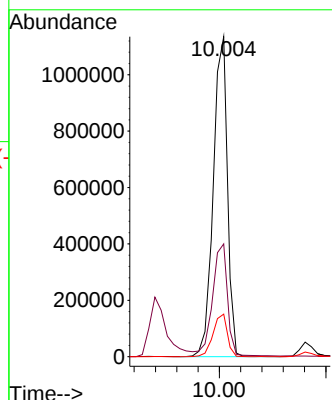
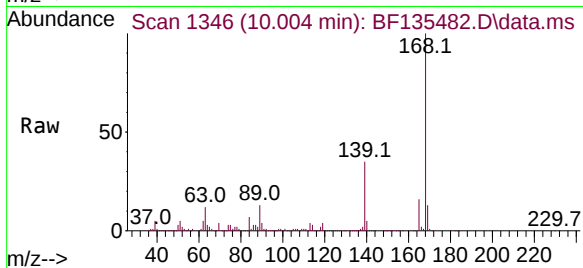




#55
Dibenzenofuran
Concen: 43.805 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

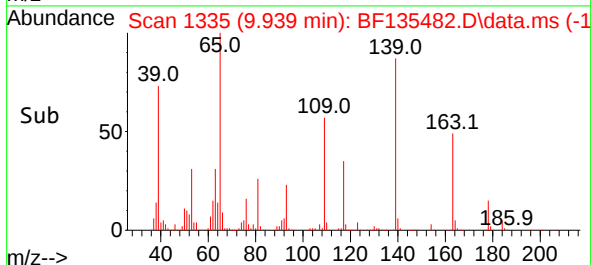
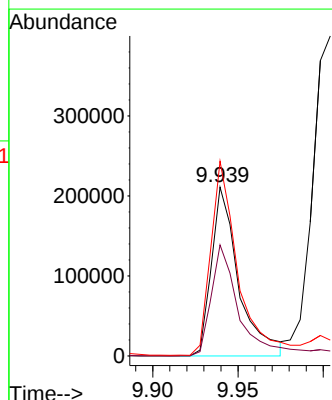
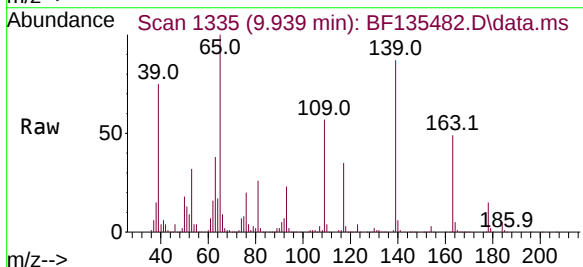
Instrument :
BNA_F
ClientSampleId :
TP-1MS

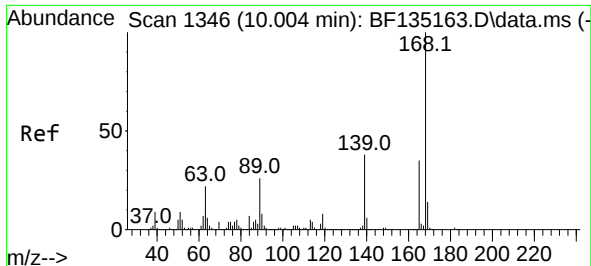
Tgt Ion:168 Resp: 1046835
Ion Ratio Lower Upper
168 100
139 35.2 29.0 43.6
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 74.158 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:139 Resp: 234416
Ion Ratio Lower Upper
139 100
109 65.8 49.8 89.8
65 115.3 92.7 132.7

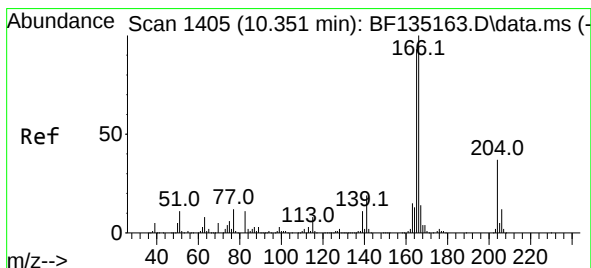
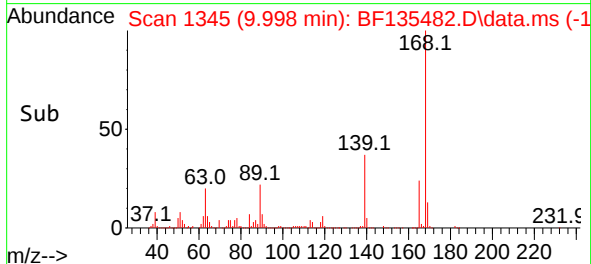
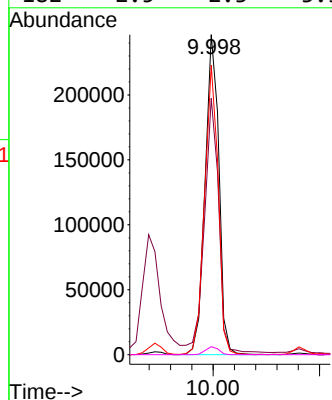
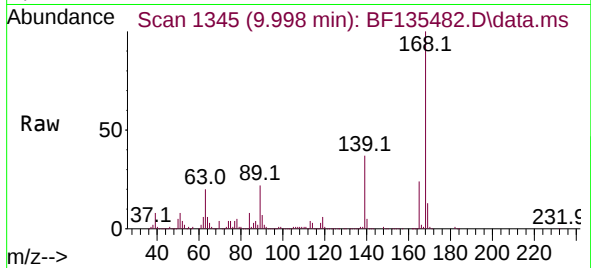




#57
2,4-Dinitrotoluene
Concen: 42.165 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

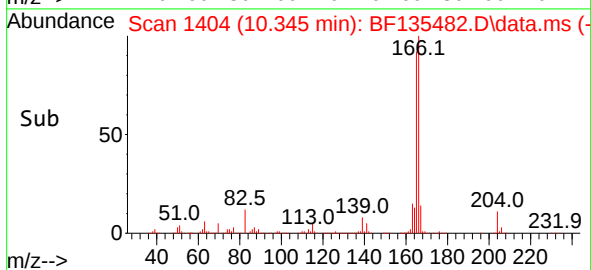
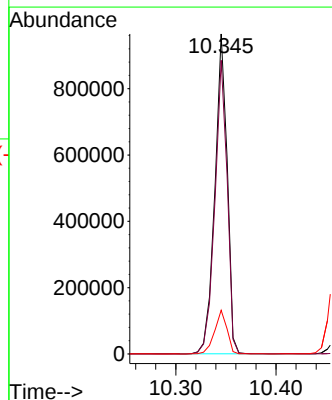
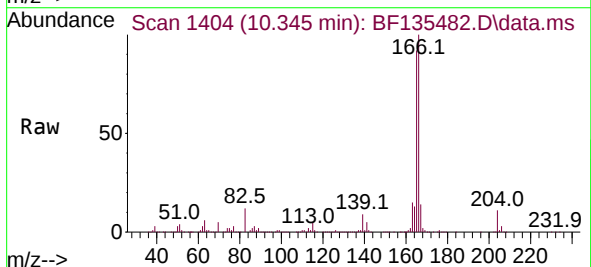
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:165 Resp: 223664
Ion Ratio Lower Upper
165 100
63 80.1 50.1 75.1#
89 90.4 59.3 88.9#
182 2.5 2.3 3.5



#58
Fluorene
Concen: 44.880 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:166 Resp: 824505
Ion Ratio Lower Upper
166 100
165 91.8 74.3 111.5
167 13.6 10.9 16.3

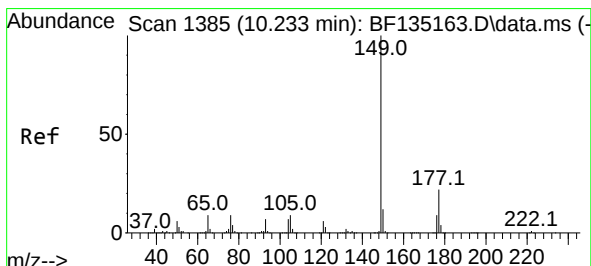
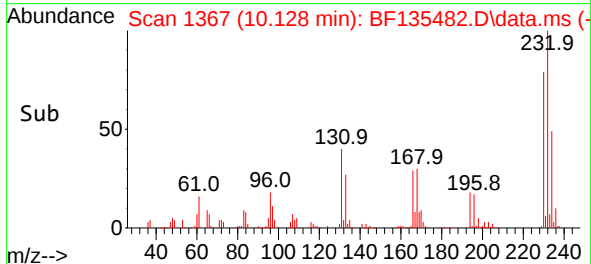
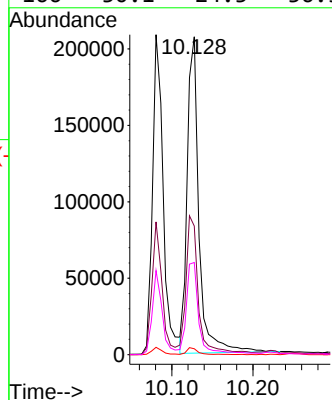
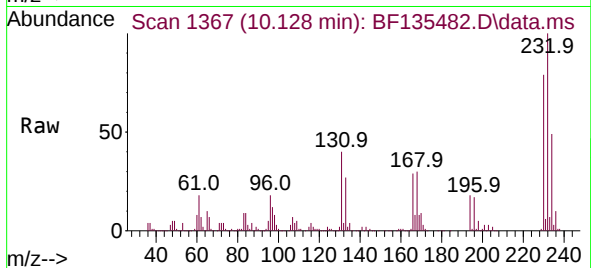




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.106 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

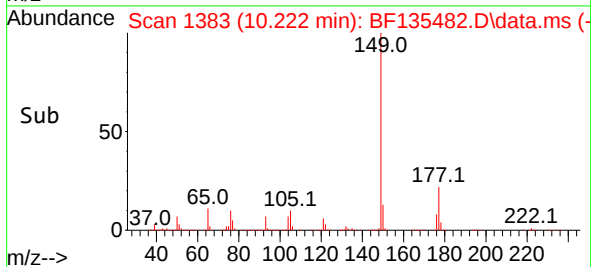
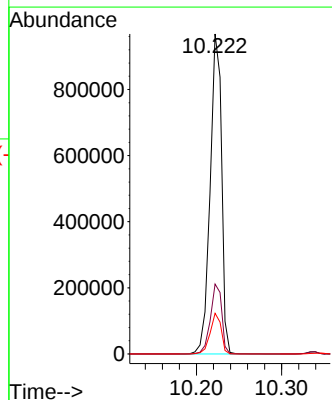
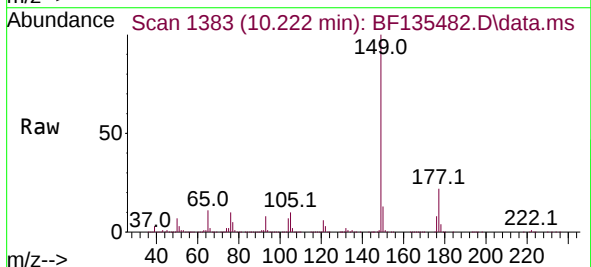
Instrument :
BNA_F
ClientSampleId :
TP-1MS

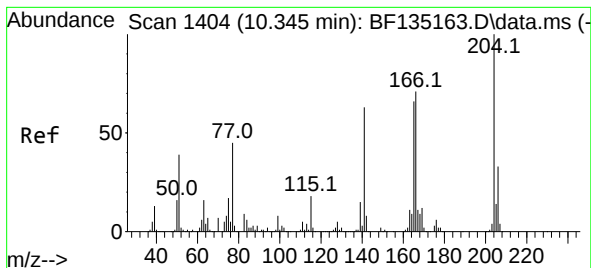
Tgt Ion:232 Resp: 207214
Ion Ratio Lower Upper
232 100
131 45.2 35.4 53.2
130 2.3 1.8 2.8
166 30.1 24.3 36.5



#60
Diethylphthalate
Concen: 46.550 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:149 Resp: 903584
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.7 10.0 15.0

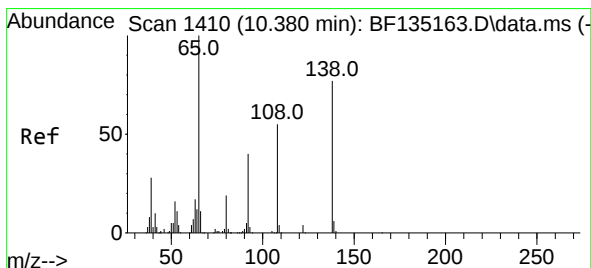
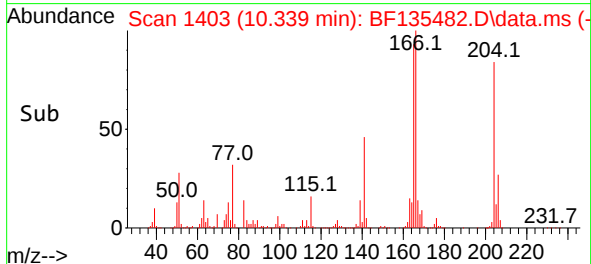
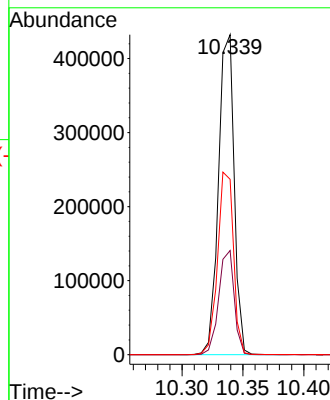
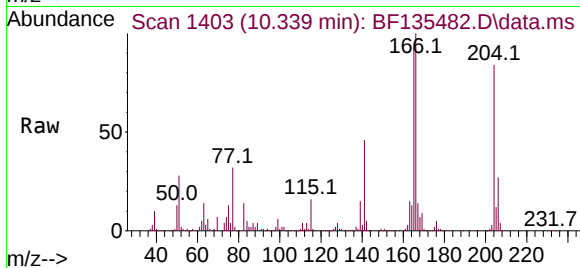




#61
4-Chlorophenyl-phenylether
Concen: 44.042 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

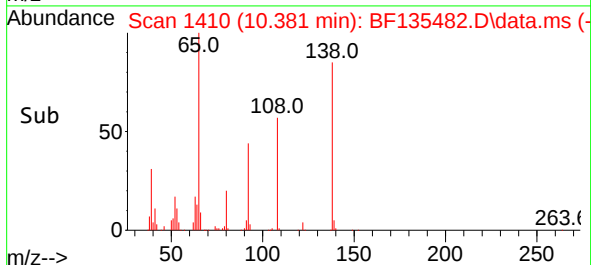
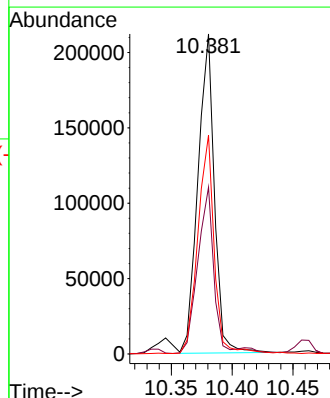
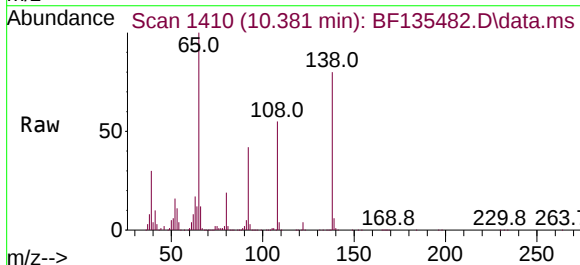
Instrument :
BNA_F
ClientSampleId :
TP-1MS

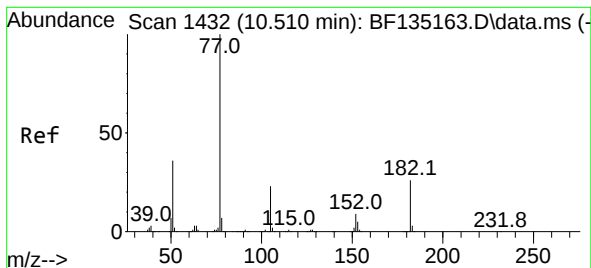
Tgt Ion:204 Resp: 388675
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 54.8 50.6 75.8



#62
4-Nitroaniline
Concen: 41.585 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:138 Resp: 198813
Ion Ratio Lower Upper
138 100
92 52.1 31.8 71.8
108 68.3 52.0 92.0





#63

Azobenzene

Concen: 48.785 ng

RT: 10.498 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 926785

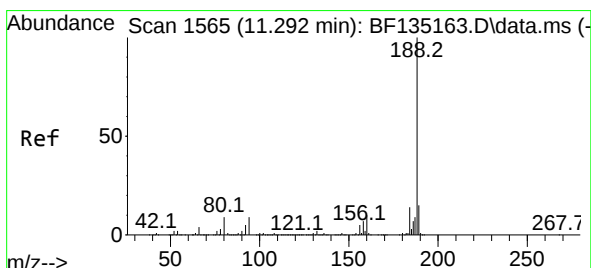
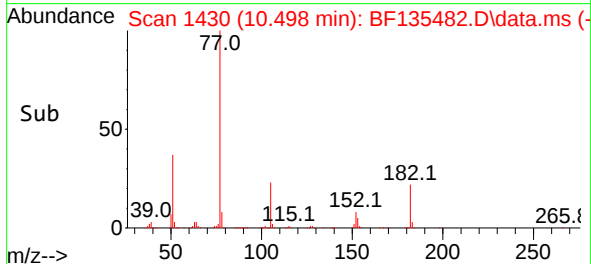
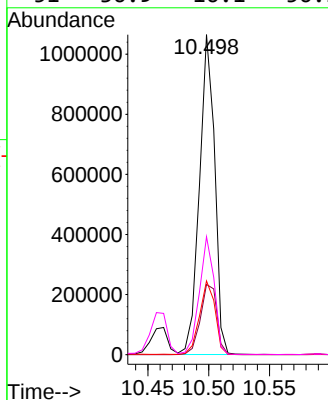
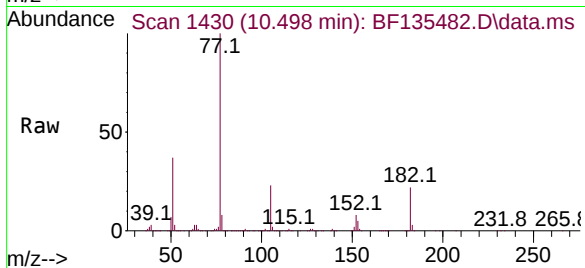
Ion Ratio Lower Upper

77 100

182 21.9 6.4 46.4

105 23.0 3.1 43.1

51 36.9 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

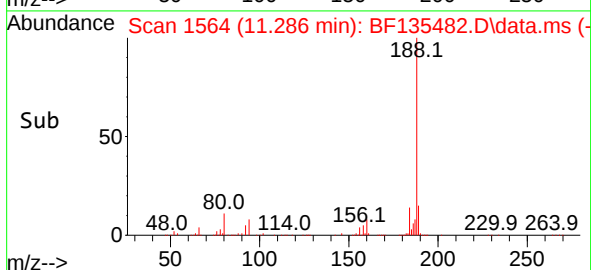
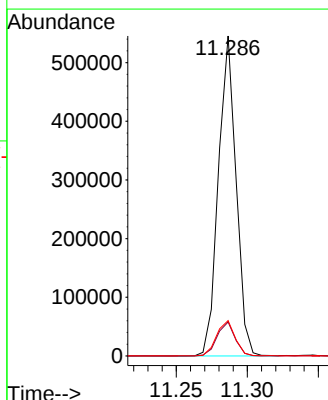
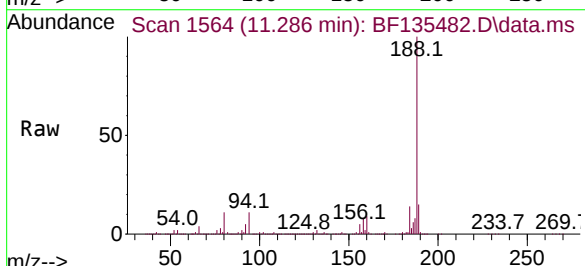
Tgt Ion: 188 Resp: 472764

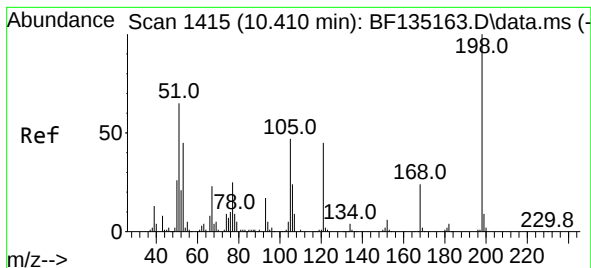
Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.1 7.5 11.3

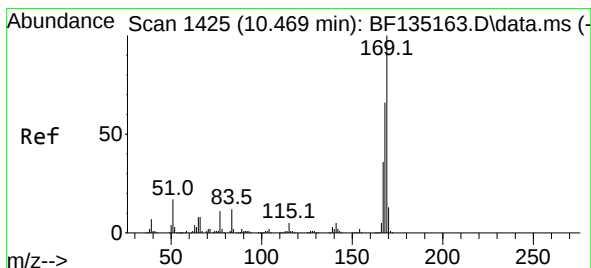
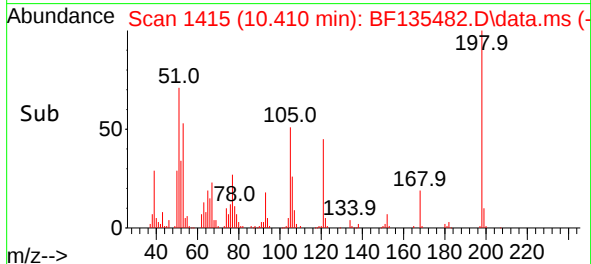
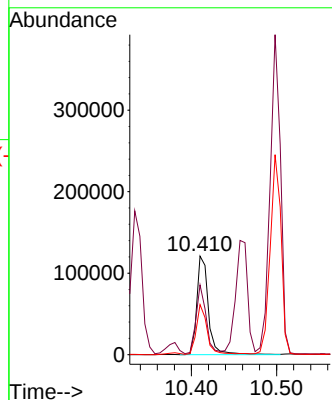
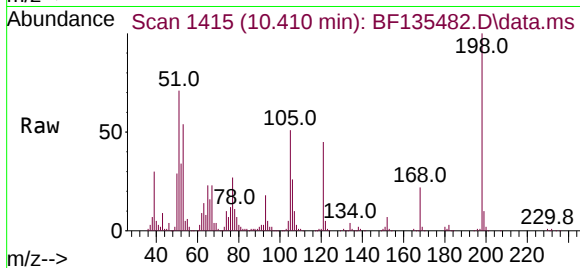




#65
4,6-Dinitro-2-methylphenol
Concen: 45.497 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

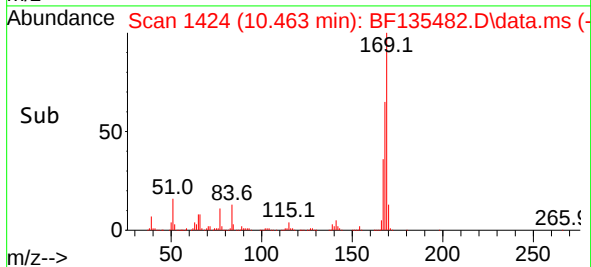
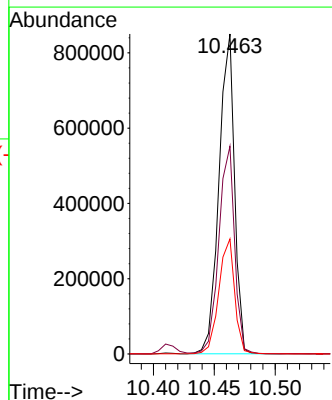
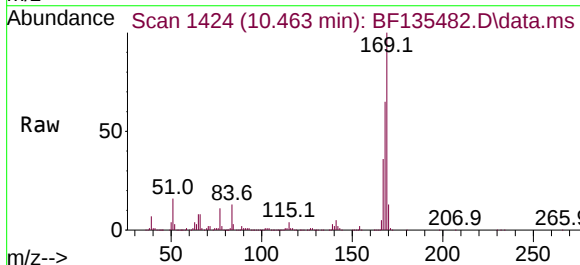
Instrument :
BNA_F
ClientSampleId :
TP-1MS

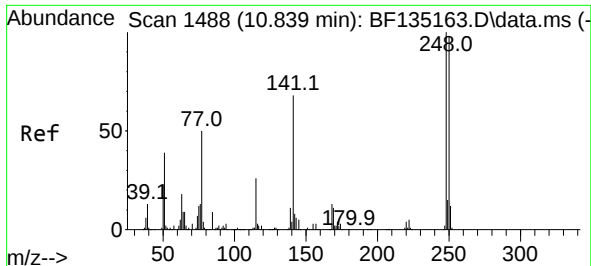
Tgt Ion:198 Resp: 114243
Ion Ratio Lower Upper
198 100
51 70.8 47.7 87.7
105 50.8 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 52.914 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:169 Resp: 757352
Ion Ratio Lower Upper
169 100
168 64.9 52.8 79.2
167 36.0 29.0 43.6

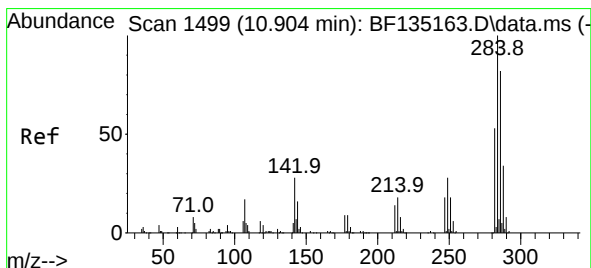
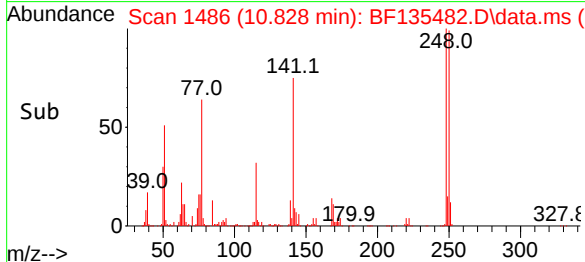
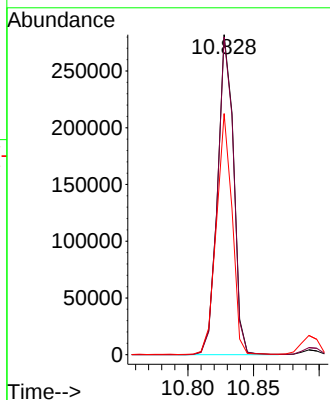
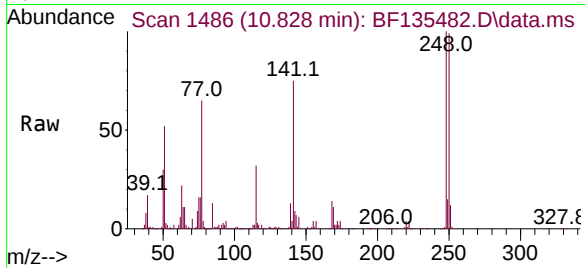




#67
4-Bromophenyl-phenylether
Concen: 50.830 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

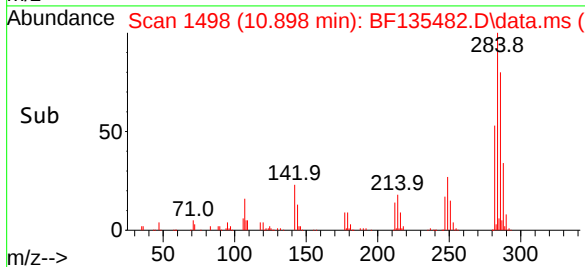
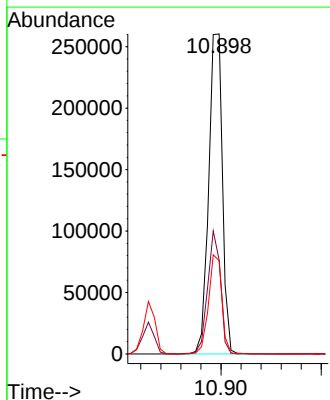
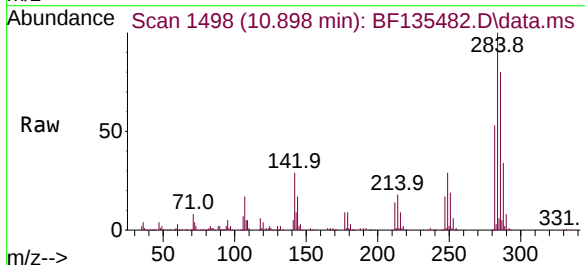
Instrument :
BNA_F
ClientSampleId :
TP-1MS

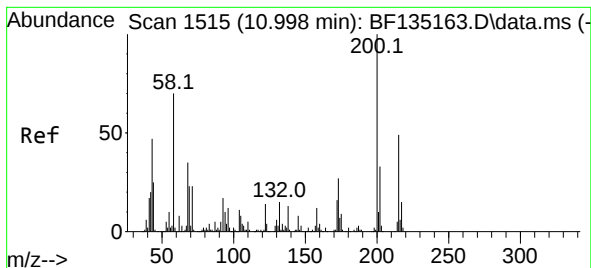
Tgt Ion:248 Resp: 239001
Ion Ratio Lower Upper
248 100
250 99.3 78.6 117.8
141 75.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 51.955 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:284 Resp: 248879
Ion Ratio Lower Upper
284 100
142 29.3 22.2 33.4
249 29.1 22.5 33.7





#69

Atrazine

Concen: 57.667 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

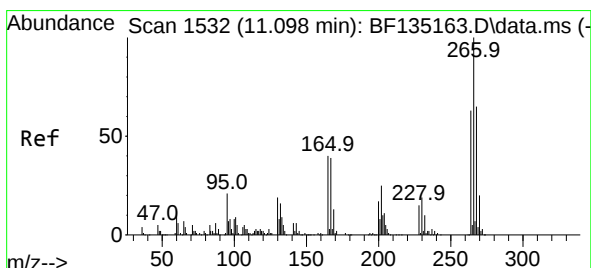
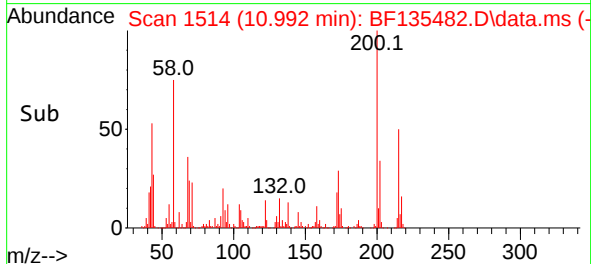
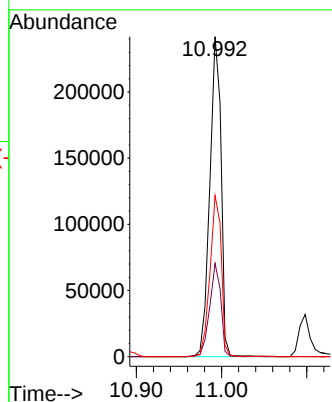
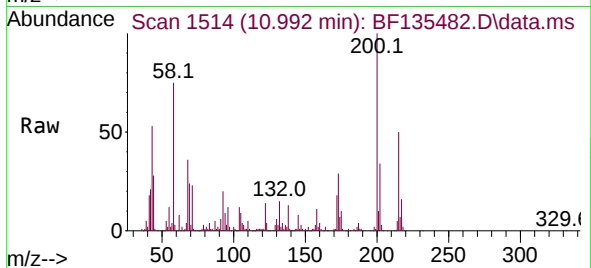
Tgt Ion:200 Resp: 222084

Ion Ratio Lower Upper

200 100

173 29.1 7.4 47.4

215 50.3 28.6 68.6



#70

Pentachlorophenol

Concen: 68.146 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

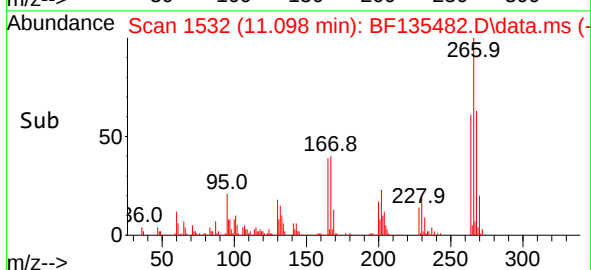
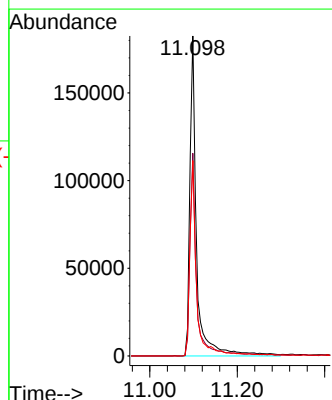
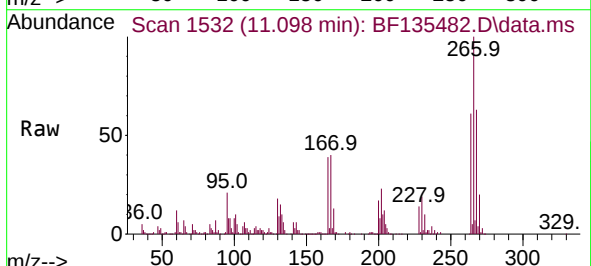
Tgt Ion:266 Resp: 195307

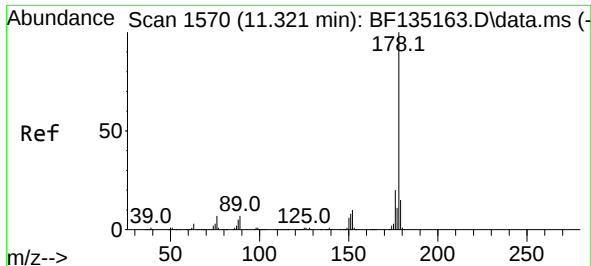
Ion Ratio Lower Upper

266 100

268 63.3 52.1 78.1

264 61.0 50.8 76.2

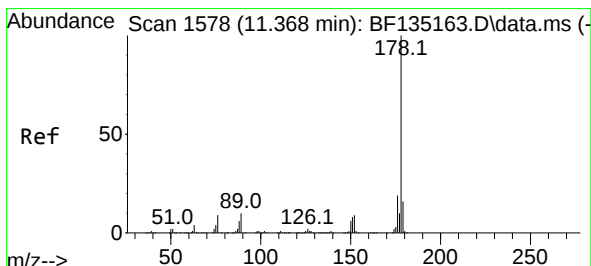
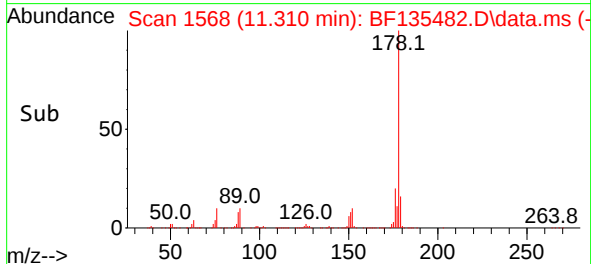
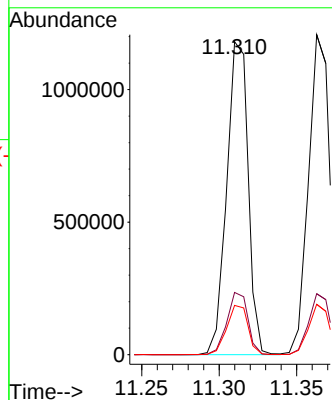
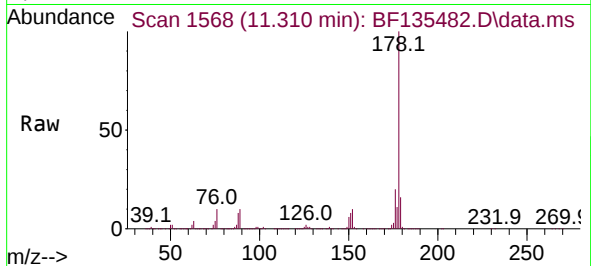




#71
Phenanthrene
Concen: 50.897 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

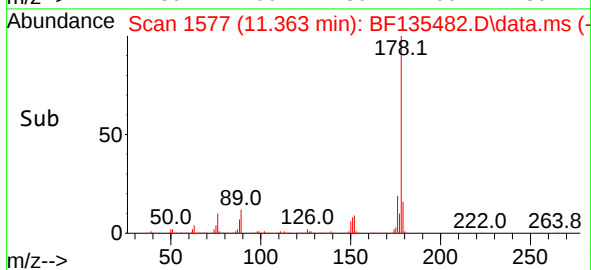
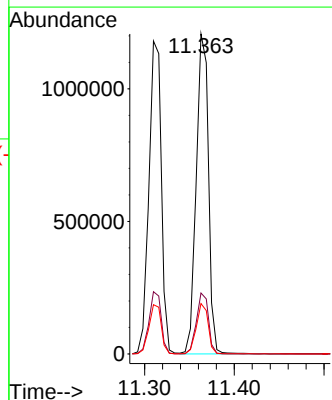
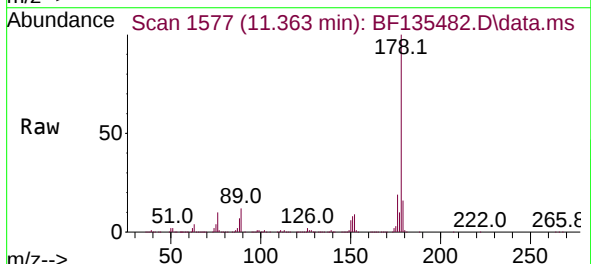
Instrument :
BNA_F
ClientSampleId :
TP-1MS

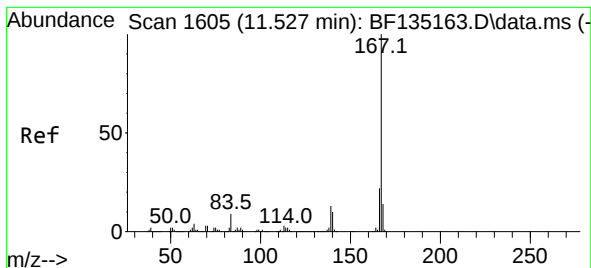
Tgt Ion:178 Resp: 1138045
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.8 12.0 18.0



#72
Anthracene
Concen: 49.706 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:178 Resp: 1142420
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.7 12.6 19.0





#73

Carbazole

Concen: 48.836 ng

RT: 11.528 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

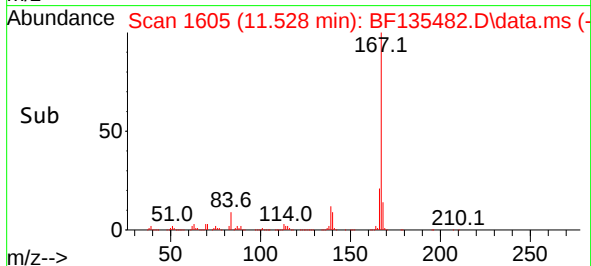
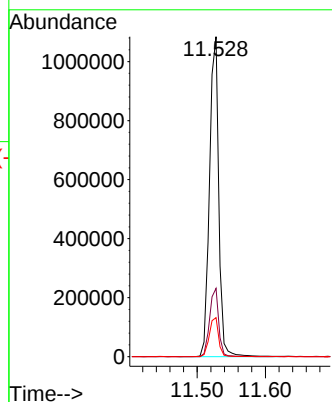
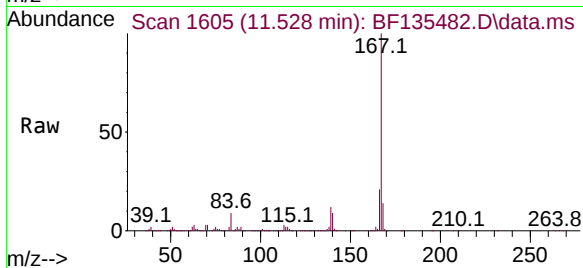
Tgt Ion:167 Resp: 1021762

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.931 ng

RT: 11.857 min Scan# 1661

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

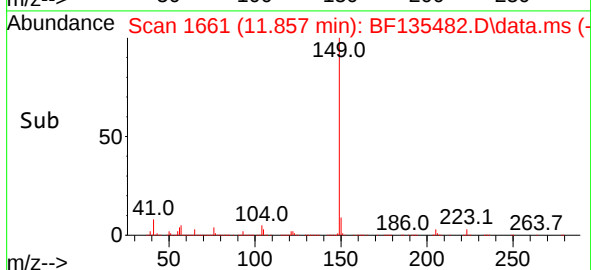
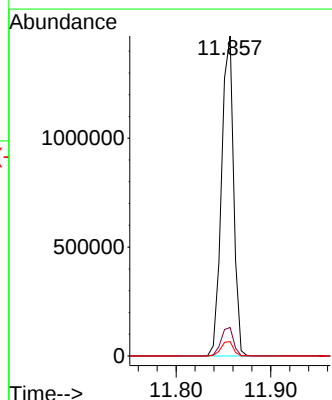
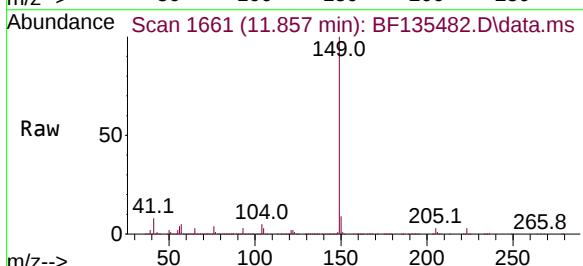
Tgt Ion:149 Resp: 1304947

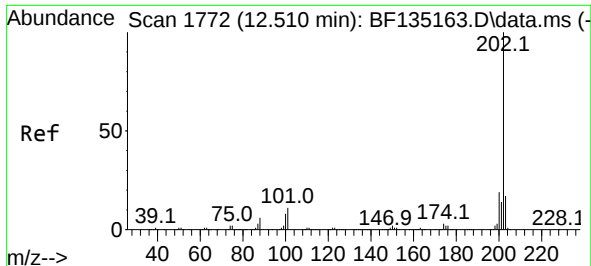
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 4.5 3.6 5.4

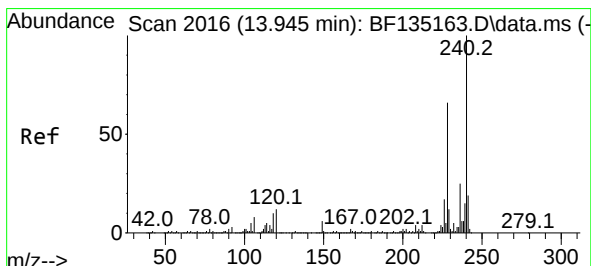
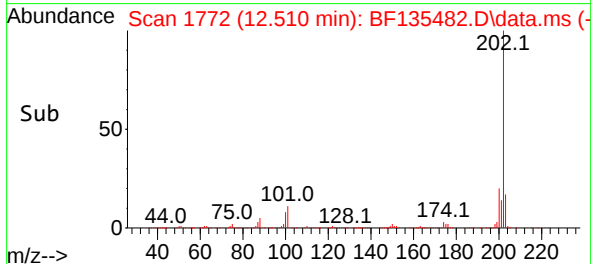
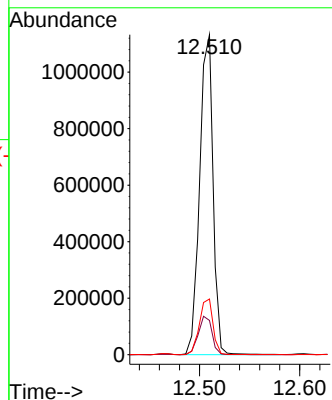
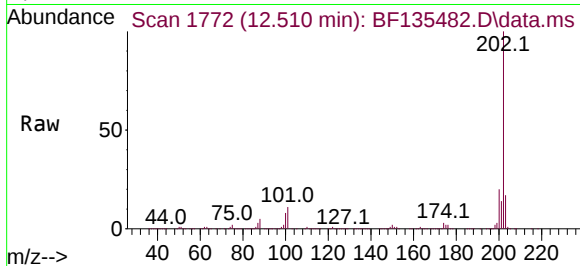




#75
Fluoranthene
Concen: 45.330 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

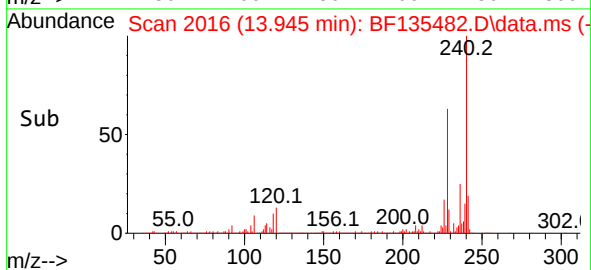
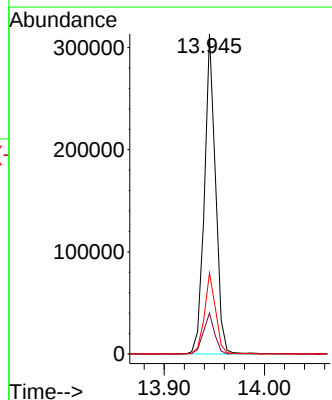
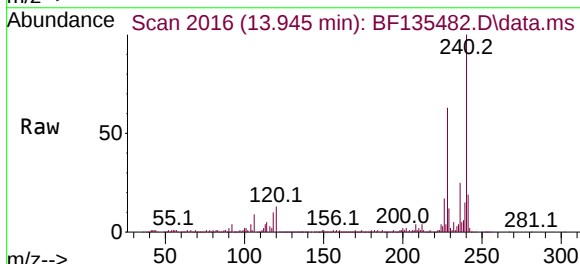
Instrument :
BNA_F
ClientSampleId :
TP-1MS

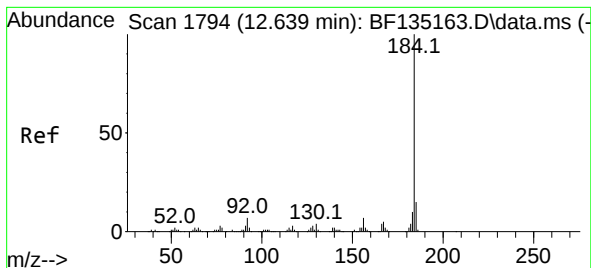
Tgt Ion:202 Resp: 1056122
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:240 Resp: 242583
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 25.3 19.8 29.8





#77

Benzidine

Concen: 82.094 ng

RT: 12.633 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

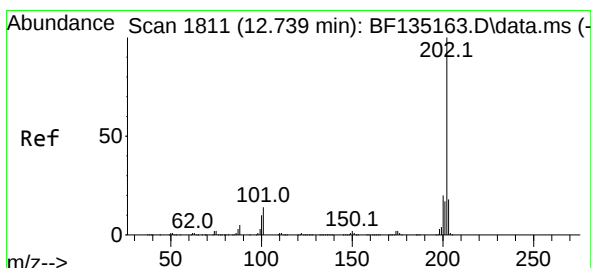
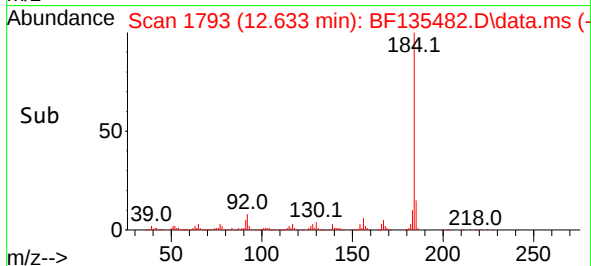
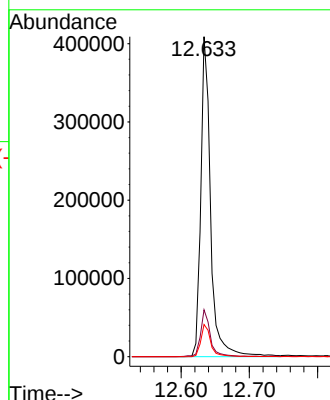
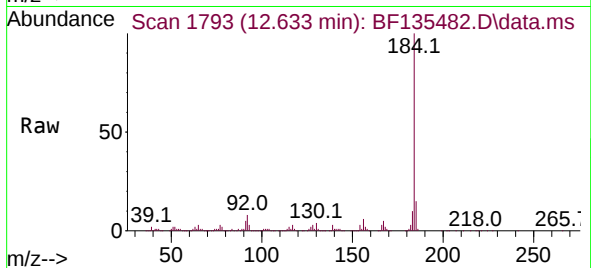
Tgt Ion:184 Resp: 407985

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.1 8.2 12.4



#78

Pyrene

Concen: 45.548 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

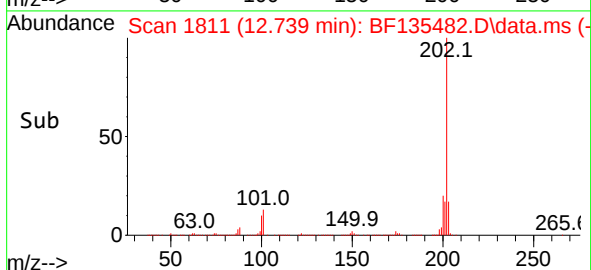
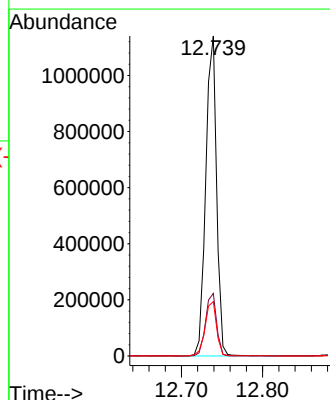
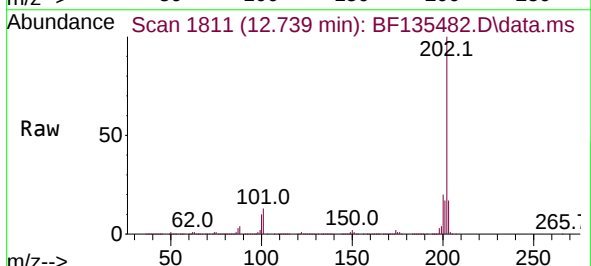
Tgt Ion:202 Resp: 1051976

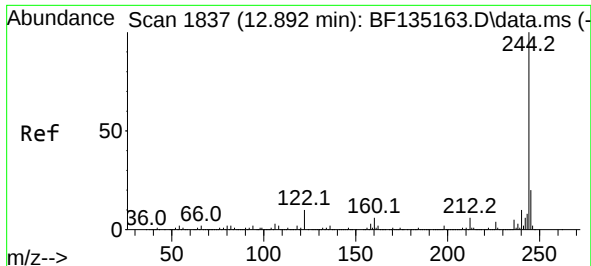
Ion Ratio Lower Upper

202 100

200 19.6 16.2 24.2

203 17.0 14.2 21.4

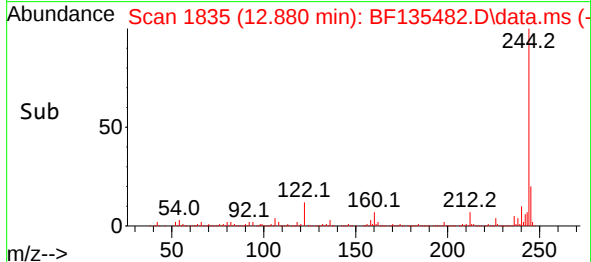
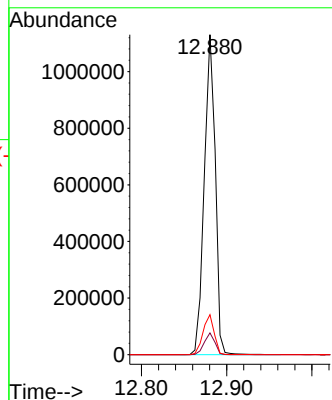
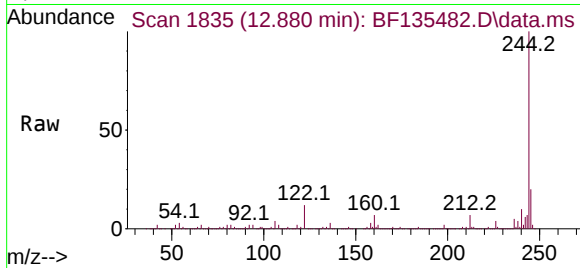




#79
 Terphenyl-d14
 Concen: 64.643 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF135482.D
 Acq: 27 Sep 2023 20:07

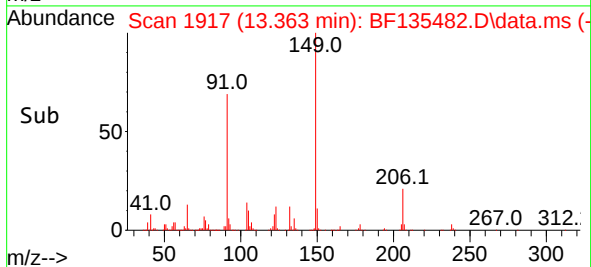
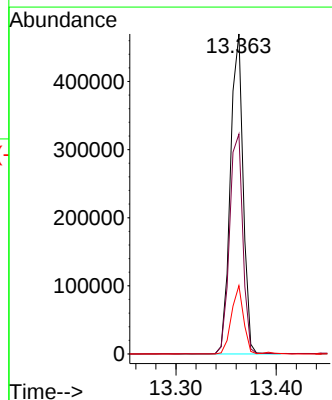
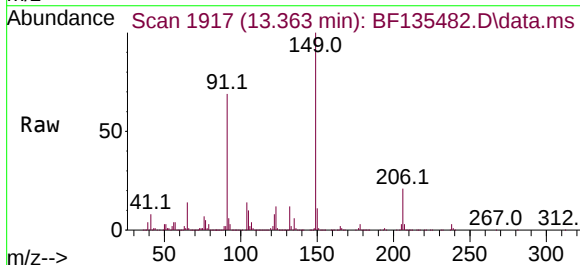
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

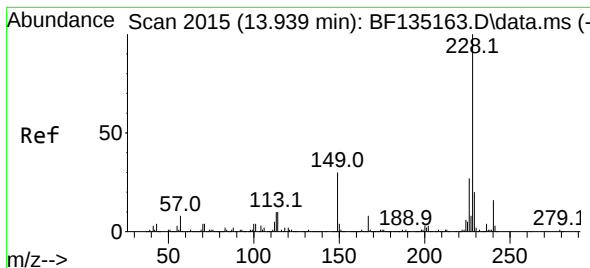
Tgt Ion:244 Resp: 1011568
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.5 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 50.843 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. 0.006 min
 Lab File: BF135482.D
 Acq: 27 Sep 2023 20:07

Tgt Ion:149 Resp: 413440
 Ion Ratio Lower Upper
 149 100
 91 68.7 54.7 82.1
 206 21.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 51.518 ng

RT: 13.933 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

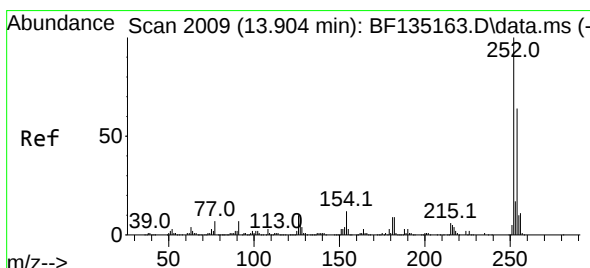
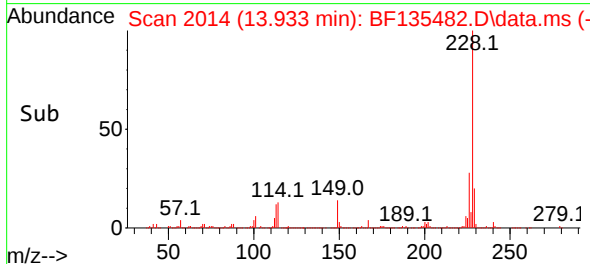
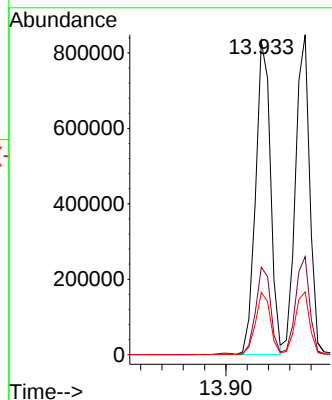
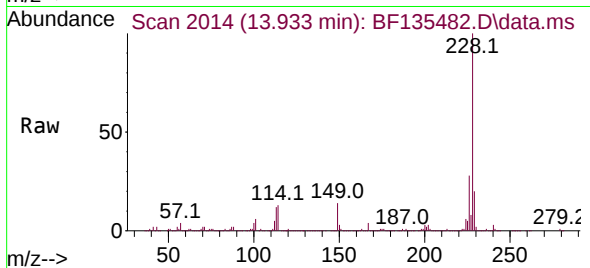
Tgt Ion:228 Resp: 806996

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 45.256 ng

RT: 13.898 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

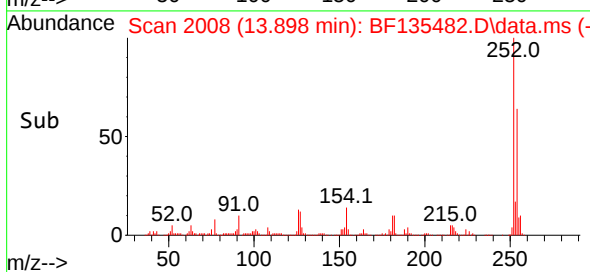
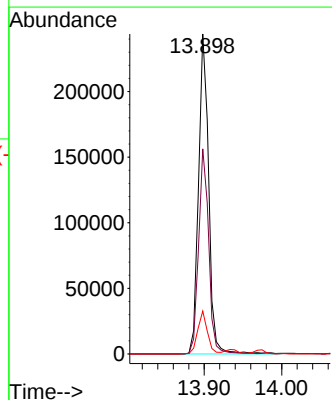
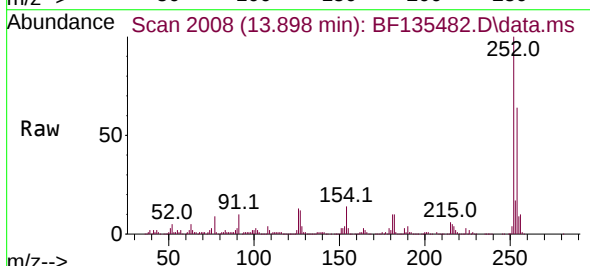
Tgt Ion:252 Resp: 221430

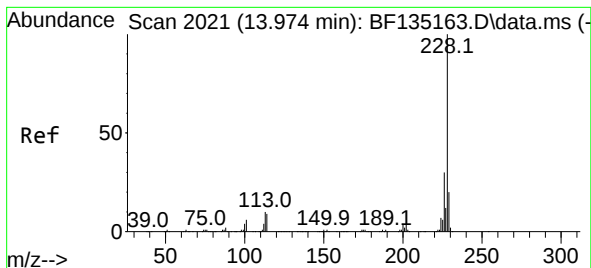
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.4

126 13.4 7.8 11.8#





#83

Chrysene

Concen: 50.607 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

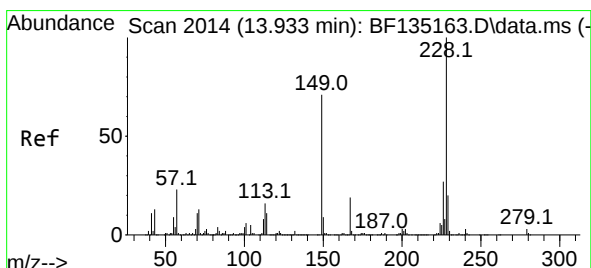
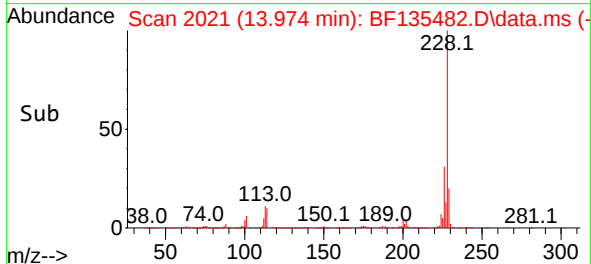
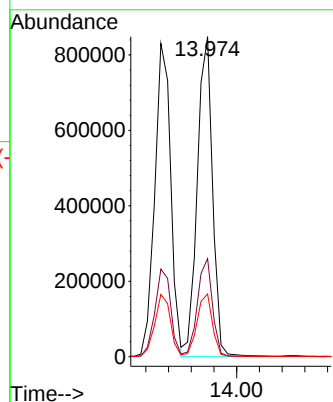
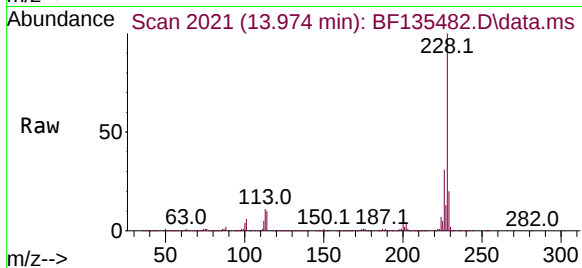
Tgt Ion:228 Resp: 788139

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.193 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

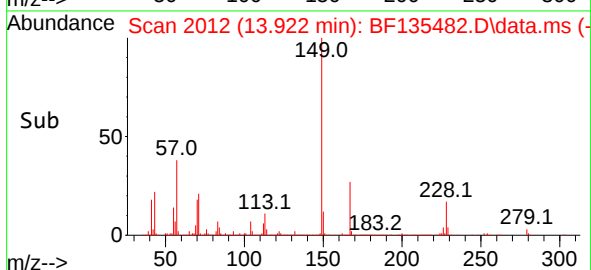
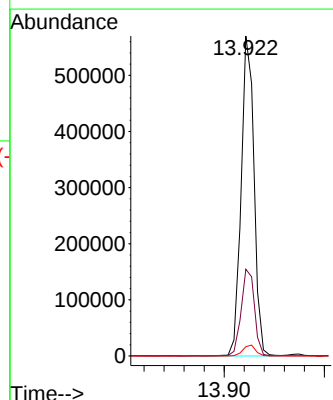
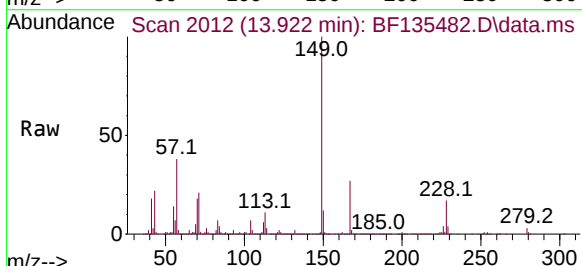
Tgt Ion:149 Resp: 510626

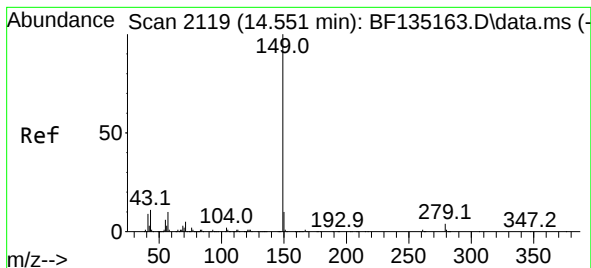
Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

279 2.9 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 72.205 ng

RT: 14.539 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

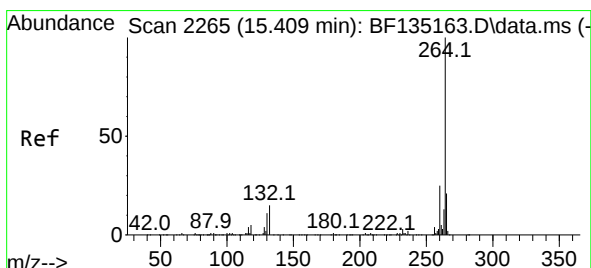
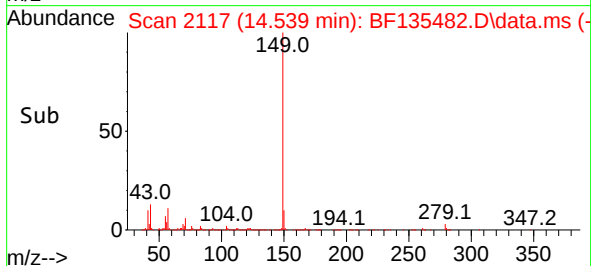
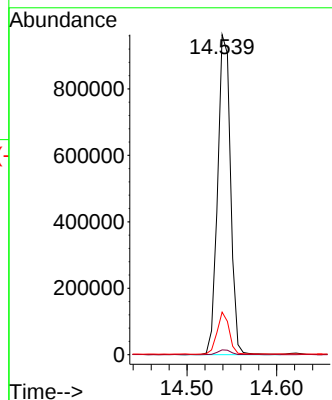
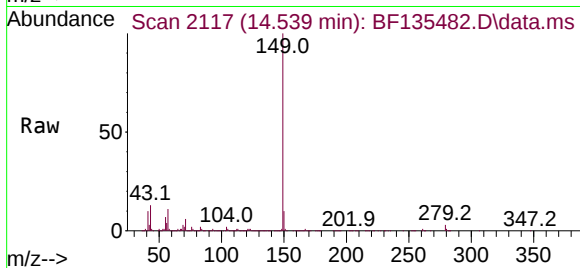
Tgt Ion:149 Resp: 957506

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

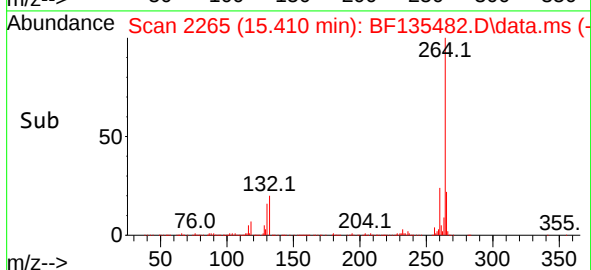
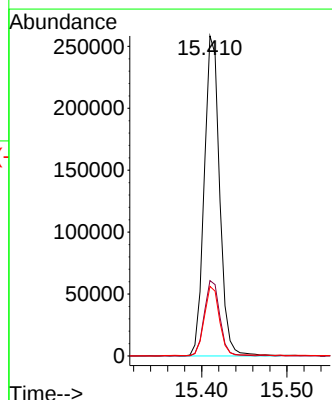
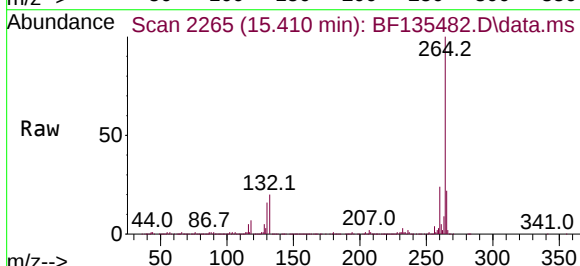
Tgt Ion:264 Resp: 324121

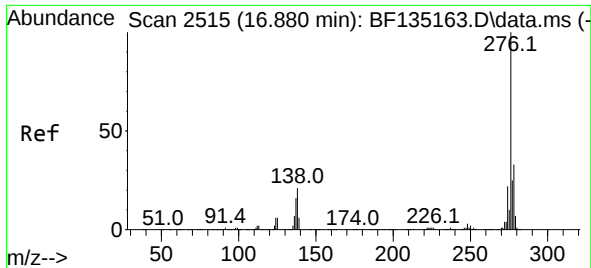
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.8 17.0 25.4

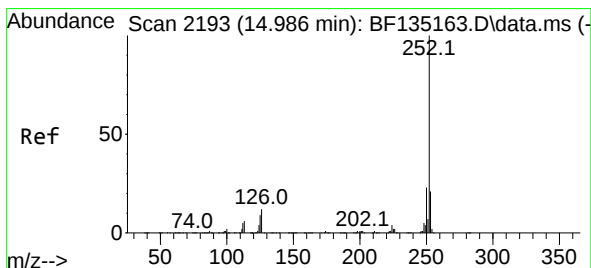
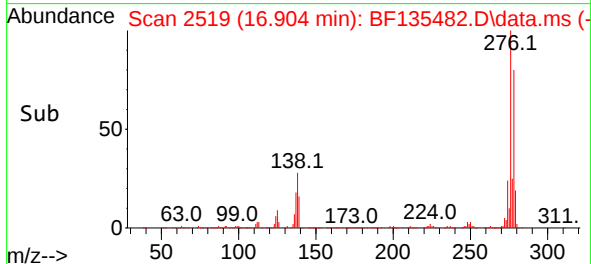
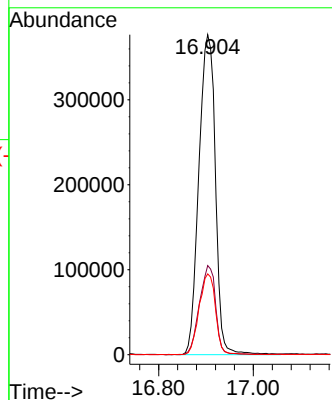
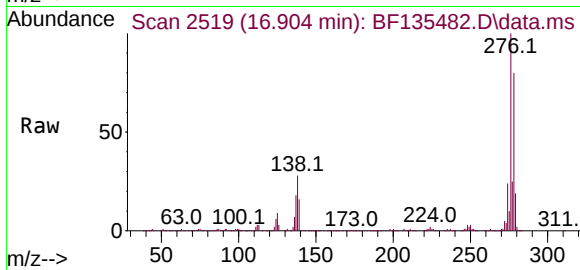




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.967 ng
 RT: 16.904 min Scan# 2119
 Delta R.T. 0.018 min
 Lab File: BF135482.D
 Acq: 27 Sep 2023 20:07

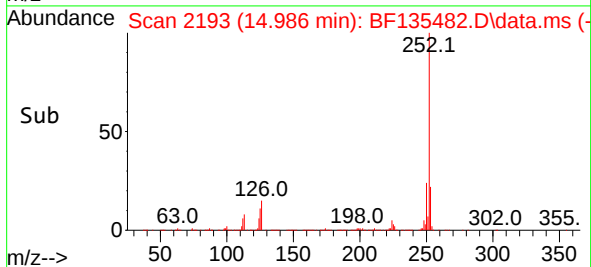
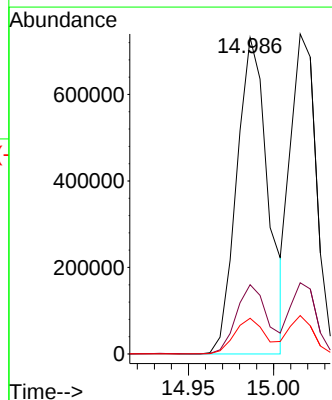
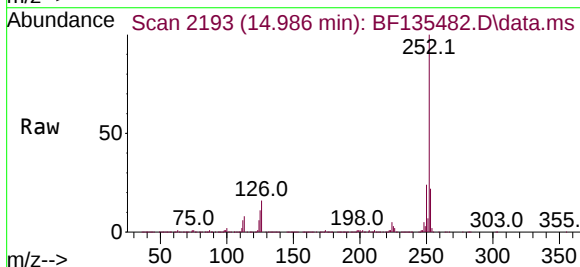
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

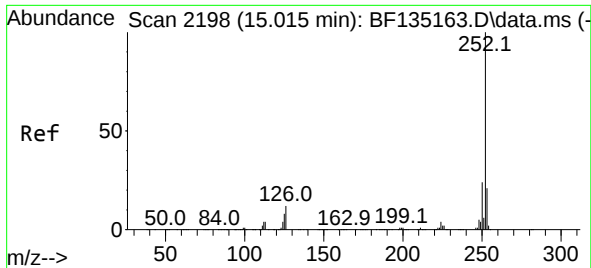
Tgt Ion:276 Resp: 913109
 Ion Ratio Lower Upper
 276 100
 138 27.3 19.2 28.8
 277 25.1 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 53.419 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.006 min
 Lab File: BF135482.D
 Acq: 27 Sep 2023 20:07

Tgt Ion:252 Resp: 937274
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 11.3 7.1 10.7#

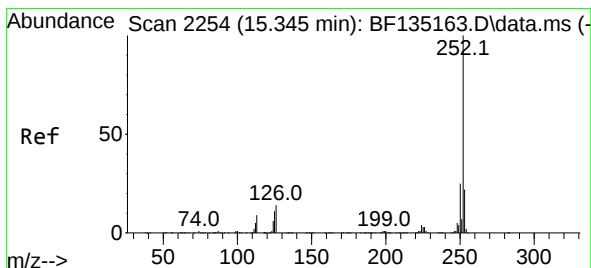
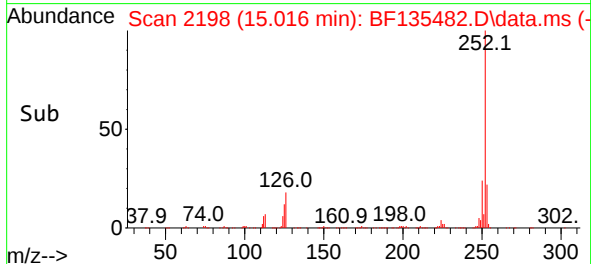
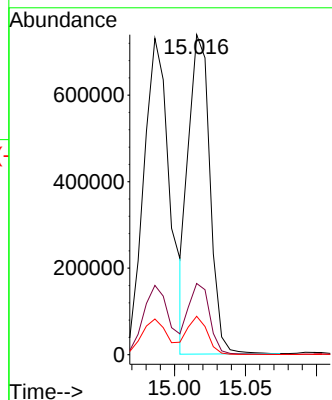
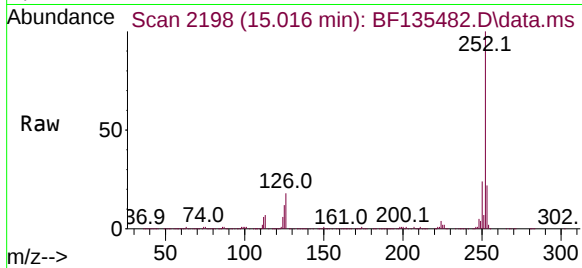




#89
Benzo(k)fluoranthene
Concen: 44.717 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

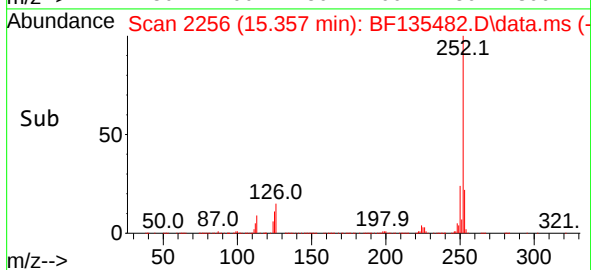
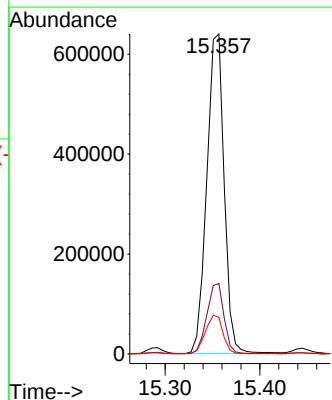
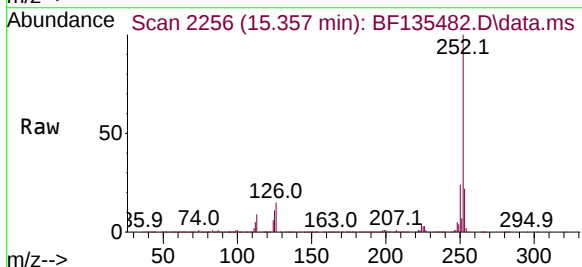
Instrument :
BNA_F
ClientSampleId :
TP-1MS

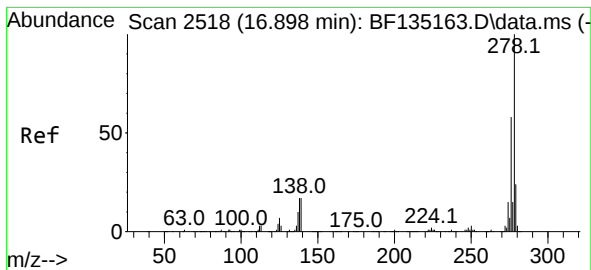
Tgt Ion:252 Resp: 775048
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 12.0 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 48.644 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.012 min
Lab File: BF135482.D
Acq: 27 Sep 2023 20:07

Tgt Ion:252 Resp: 813931
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 42.900 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

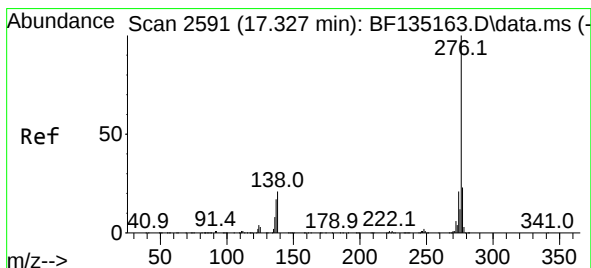
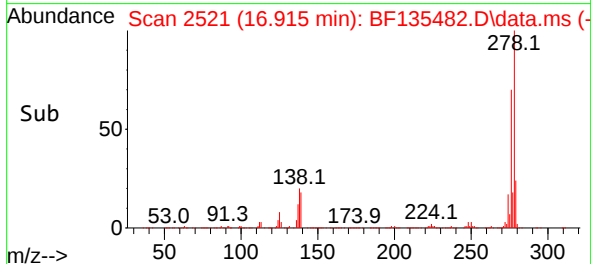
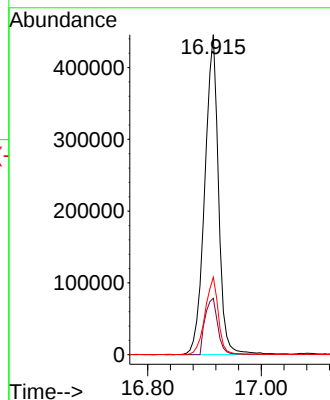
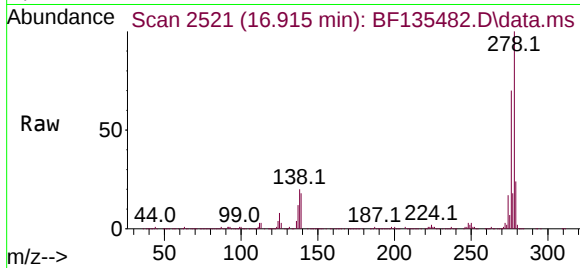
Tgt Ion:278 Resp: 745955

Ion Ratio Lower Upper

278 100

139 17.6 13.4 20.0

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 38.781 ng

RT: 17.351 min Scan# 2595

Delta R.T. 0.018 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion:276 Resp: 704250

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 23.2 16.9 25.3

