

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137502.D
 Acq On : 05 Mar 2024 16:01
 Operator : CG\JU
 Sample : P1672-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Quant Time: Mar 05 16:20:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	163434	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	610981	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	330621	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	562603	20.000	ng	0.00
76) Chrysene-d12	14.045	240	306155	20.000	ng	0.00
86) Perylene-d12	15.568	264	352773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	927515	85.953	ng	0.00
7) Phenol-d6	6.498	99	1230201	78.978	ng	0.00
23) Nitrobenzene-d5	7.416	82	732394	55.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	230159	79.272	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1189359	56.312	ng	0.00
79) Terphenyl-d14	12.980	244	1234729	55.458	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	248220	42.069	ng	99
3) Pyridine	3.481	79	571464	40.158	ng	97
4) n-Nitrosodimethylamine	3.457	42	267842	46.586	ng	97
6) Aniline	6.522	93	538467	28.291	ng	91
8) 2-Chlorophenol	6.645	128	523533	45.998	ng	98
9) Benzaldehyde	6.416	77	288765	37.840	ng	95
10) Phenol	6.510	94	737784	44.006	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	545754	44.422	ng	99
12) 1,3-Dichlorobenzene	6.798	146	559463	46.000	ng	96
13) 1,4-Dichlorobenzene	6.875	146	572569	46.012	ng	99
14) 1,2-Dichlorobenzene	7.022	146	542015	47.455	ng	99
15) Benzyl Alcohol	6.998	79	477280	49.218	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	893386	42.304	ng	99
17) 2-Methylphenol	7.110	107	425757	39.976	ng	99
18) Hexachloroethane	7.363	117	194768	47.535	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	386870	40.221	ng	98
20) 3+4-Methylphenols	7.263	107	503321	41.264	ng	# 89
22) Acetophenone	7.263	105	692984	46.877	ng	98
24) Nitrobenzene	7.434	77	597526	45.235	ng	100
25) Isophorone	7.669	82	1095920	43.869	ng	100
26) 2-Nitrophenol	7.751	139	256710	48.950	ng	95
27) 2,4-Dimethylphenol	7.792	122	364799	37.228	ng	95
28) bis(2-Chloroethoxy)met...	7.887	93	655136	44.696	ng	99
29) 2,4-Dichlorophenol	7.992	162	421156	46.829	ng	96
30) 1,2,4-Trichlorobenzene	8.075	180	445255	47.046	ng	100
31) Naphthalene	8.151	128	1467372	44.762	ng	99
32) Benzoic acid	7.892	122	82703	19.031	ng	98
33) 4-Chloroaniline	8.204	127	189170	14.717	ng	98
34) Hexachlorobutadiene	8.269	225	256224	45.857	ng	100
35) Caprolactam	8.575	113	94853	31.104	ng	93
36) 4-Chloro-3-methylphenol	8.692	107	447844	44.549	ng	100
37) 2-Methylnaphthalene	8.845	142	910489	43.568	ng	99
38) 1-Methylnaphthalene	8.945	142	839912	42.678	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	432200	46.825	ng	99
41) Hexachlorocyclopentadiene	8.998	237	315842	83.453	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	275181	45.782	ng	98

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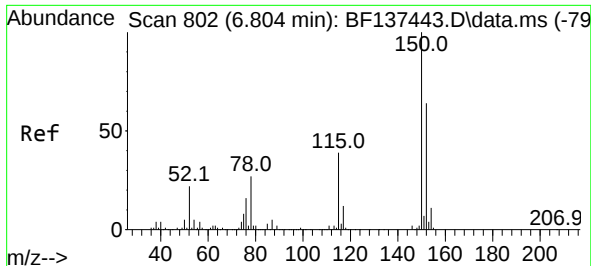
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	282901	40.858	ng	96
46) 1,1'-Biphenyl	9.310	154	1116385	46.134	ng	98
47) 2-Chloronaphthalene	9.334	162	856795	46.440	ng	99
48) 2-Nitroaniline	9.434	65	297932	47.511	ng	92
49) Acenaphthylene	9.751	152	1408790	47.715	ng	100
50) Dimethylphthalate	9.616	163	1016105	44.150	ng	100
51) 2,6-Dinitrotoluene	9.681	165	220846	45.877	ng	91
52) Acenaphthene	9.922	154	774308	43.928	ng	99
53) 3-Nitroaniline	9.851	138	149775	29.415	ng	91
54) 2,4-Dinitrophenol	9.957	184	109439	50.044	ng	99
55) Dibenzofuran	10.098	168	1187971	44.250	ng	99
56) 4-Nitrophenol	10.016	139	294801	81.301	ng	93
57) 2,4-Dinitrotoluene	10.086	165	283691	47.968	ng	99
58) Fluorene	10.439	166	889658	43.149	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	229924	41.410	ng	94
60) Diethylphthalate	10.322	149	966486	44.469	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	430360	42.590	ng	93
62) 4-Nitroaniline	10.469	138	197214	45.064	ng	97
63) Azobenzene	10.598	77	1112805	44.466	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	107861	34.398	ng	94
66) n-Nitrosodiphenylamine	10.557	169	822071	45.377	ng	100
67) 4-Bromophenyl-phenylether	10.928	248	277061	45.214	ng	96
68) Hexachlorobenzene	10.992	284	292462	47.254	ng	# 93
69) Atrazine	11.092	200	263452	47.836	ng	98
70) Pentachlorophenol	11.186	266	247836	66.241	ng	98
71) Phenanthrene	11.410	178	1367963	44.678	ng	100
72) Anthracene	11.463	178	1416047	45.030	ng	99
73) Carbazole	11.622	167	1244333	46.196	ng	98
74) Di-n-butylphthalate	11.957	149	1522158	47.497	ng	100
75) Fluoranthene	12.604	202	1330999	44.473	ng	99
77) Benzidine	12.739	184	457683	61.087	ng	98
78) Pyrene	12.833	202	1335380	44.452	ng	100
80) Butylbenzylphthalate	13.469	149	454496	59.241	ng	98
81) Benzo(a)anthracene	14.033	228	982446	45.784	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	172763	30.233	ng	98
83) Chrysene	14.069	228	1005533	46.364	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	620568	63.640	ng	99
85) Di-n-octyl phthalate	14.663	149	1102550	57.421	ng	98
87) Indeno(1,2,3-cd)pyrene	17.157	276	1056638	45.515	ng	98
88) Benzo(b)fluoranthene	15.116	252	974372	46.692	ng	99
89) Benzo(k)fluoranthene	15.151	252	955581	42.633	ng	99
90) Benzo(a)pyrene	15.504	252	929616	45.205	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	846521	44.951	ng	98
92) Benzo(g,h,i)perylene	17.639	276	795272	41.120	ng	99

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

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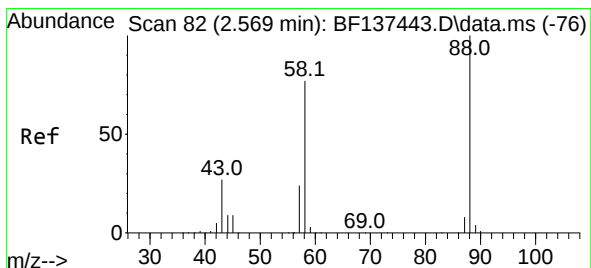
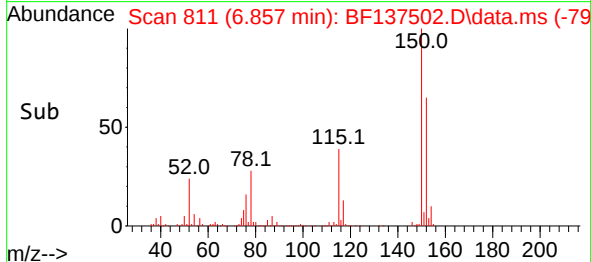
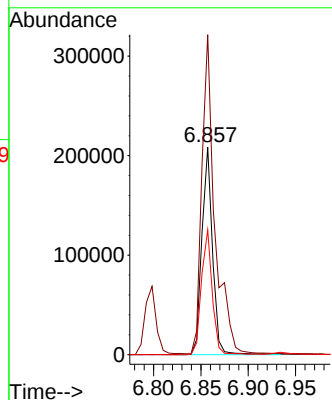
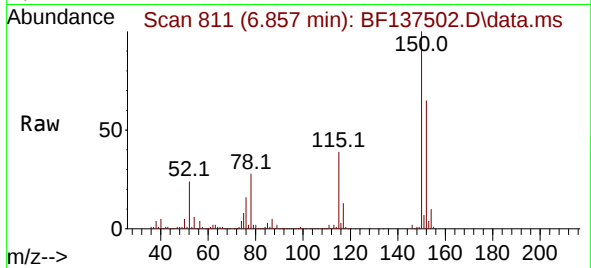




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF137502.D
 Acq: 05 Mar 2024 16:01

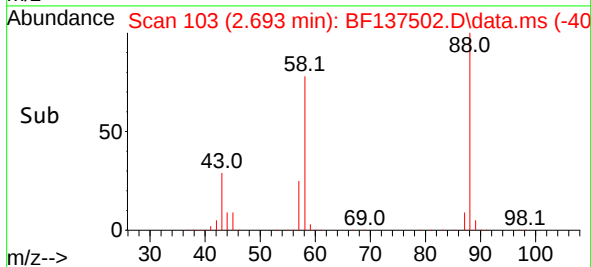
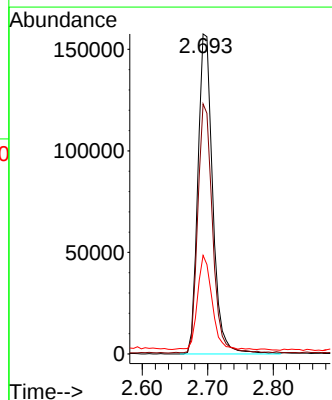
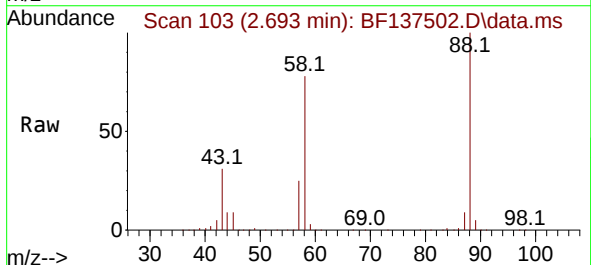
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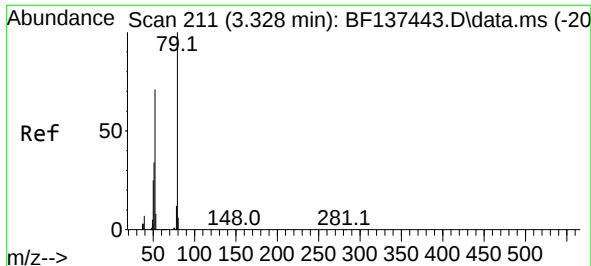
Tgt Ion:152 Resp: 163434
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.8 188.6
 115 60.1 48.8 73.2



#2
 1,4-Dioxane
 Concen: 42.069 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.018 min
 Lab File: BF137502.D
 Acq: 05 Mar 2024 16:01

Tgt Ion: 88 Resp: 248220
 Ion Ratio Lower Upper
 88 100
 58 77.4 61.8 92.8
 43 28.8 22.2 33.4

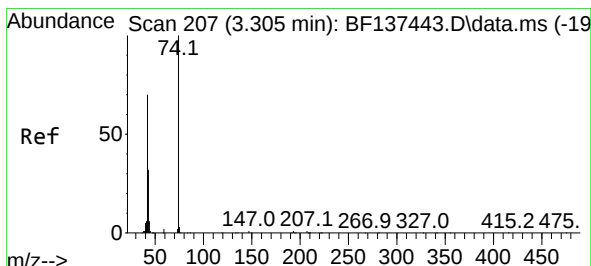
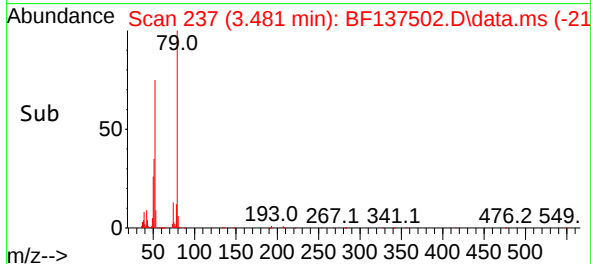
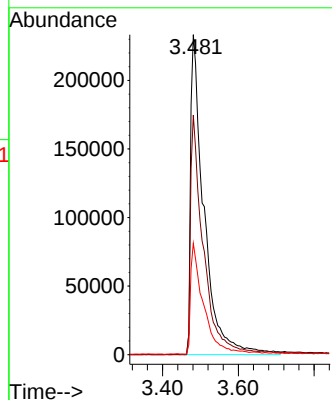
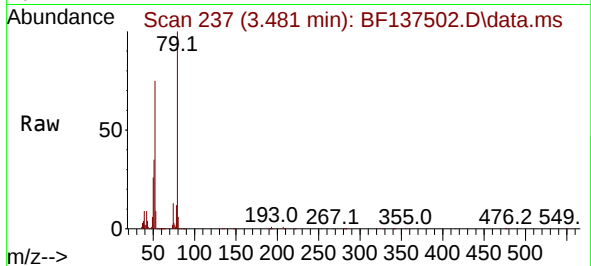




#3
Pyridine
Concen: 40.158 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.018 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

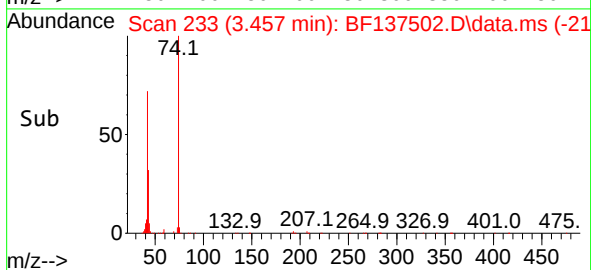
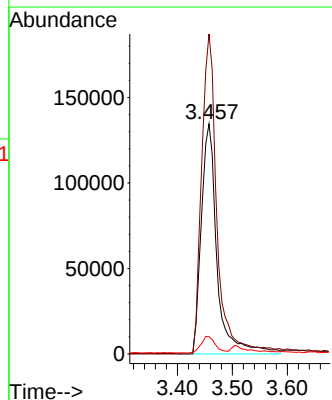
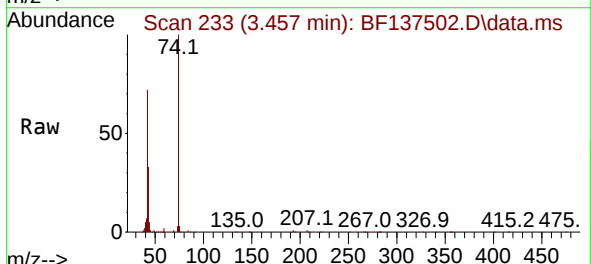
Instrument :
BNA_F
ClientSampleId :
TP-3MS

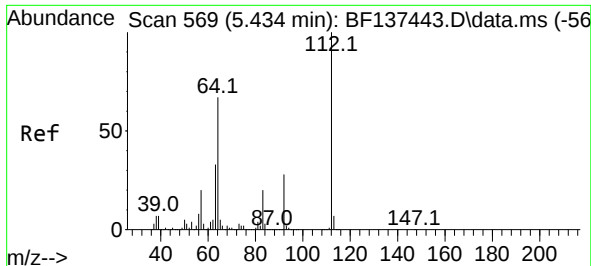
Tgt Ion: 79 Resp: 571464
Ion Ratio Lower Upper
79 100
52 74.9 57.0 85.4
51 34.8 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 46.586 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.012 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion: 42 Resp: 267842
Ion Ratio Lower Upper
42 100
74 139.1 114.0 171.0
44 7.5 7.0 10.4

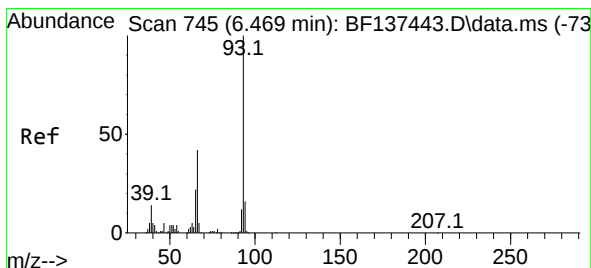
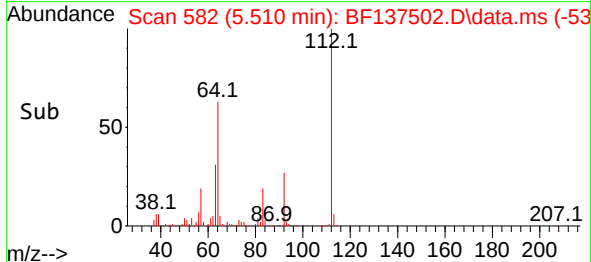
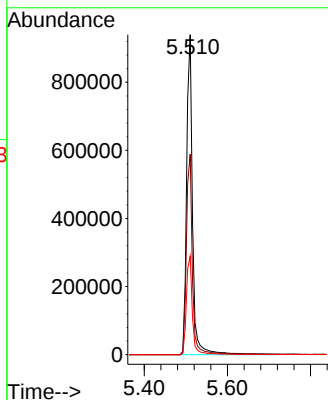
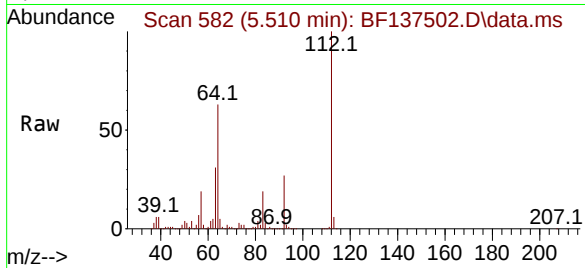




#5
2-Fluorophenol
Concen: 85.953 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

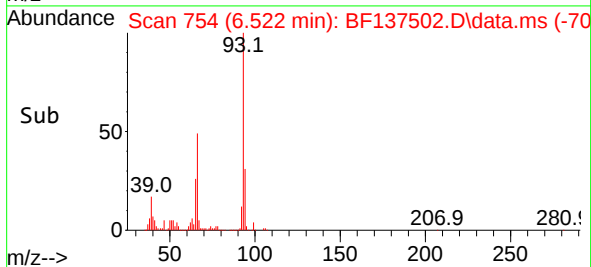
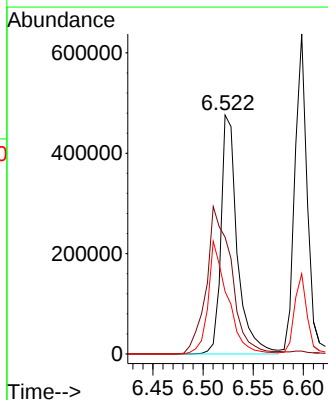
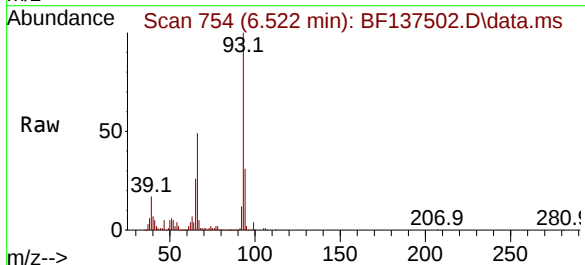
Instrument :
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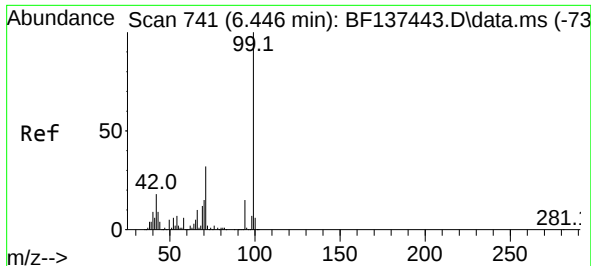
Tgt Ion:112 Resp: 927515
Ion Ratio Lower Upper
112 100
64 62.7 53.4 80.2
63 30.8 26.2 39.2



#6
Aniline
Concen: 28.291 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion: 93 Resp: 538467
Ion Ratio Lower Upper
93 100
66 48.9 34.0 51.0
65 26.1 17.8 26.8





#7

Phenol-d6

Concen: 78.978 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

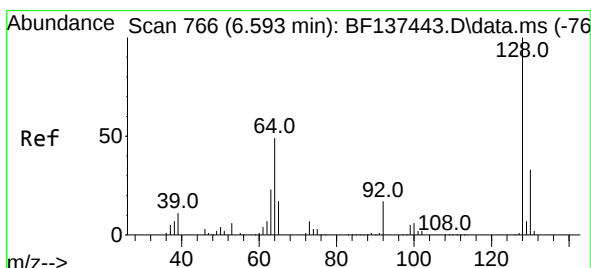
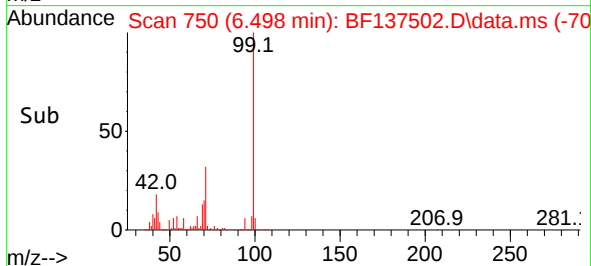
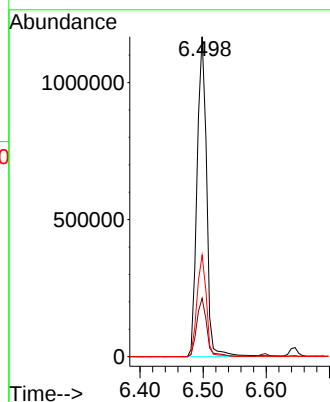
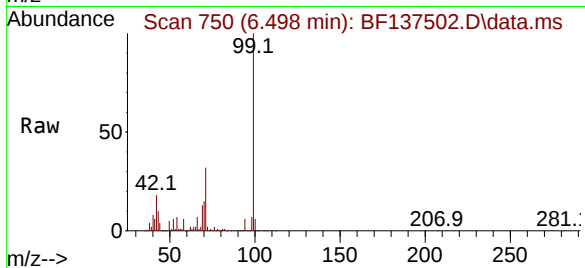
Tgt Ion: 99 Resp: 1230201

Ion Ratio Lower Upper

99 100

42 18.3 14.6 21.8

71 31.8 25.3 37.9



#8

2-Chlorophenol

Concen: 45.998 ng

RT: 6.645 min Scan# 775

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

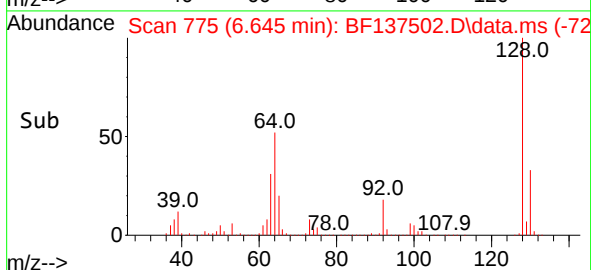
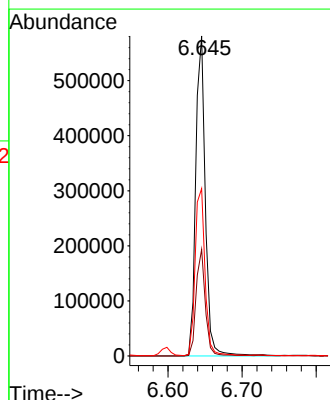
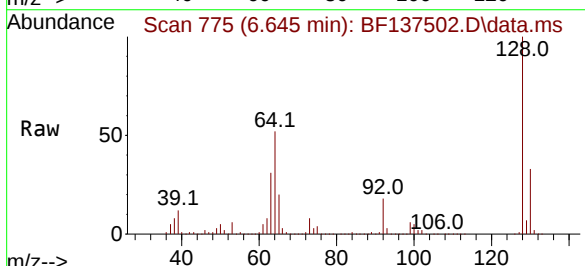
Tgt Ion:128 Resp: 523533

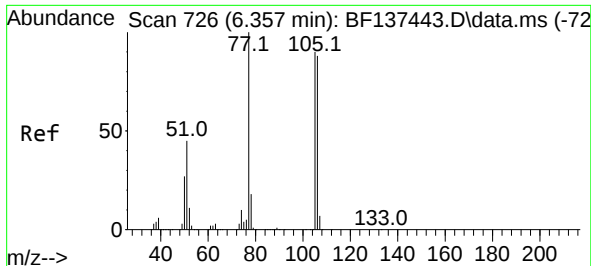
Ion Ratio Lower Upper

128 100

130 33.3 13.4 53.4

64 52.3 30.0 70.0

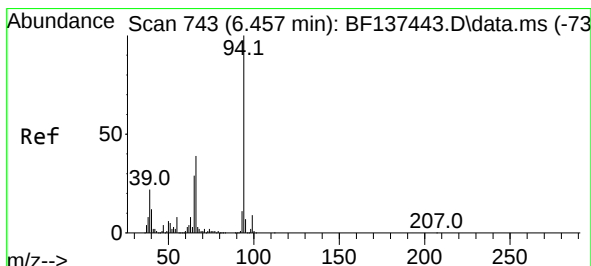
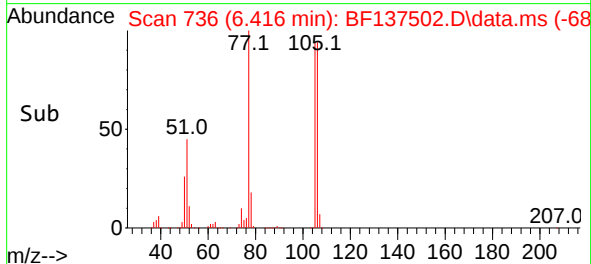
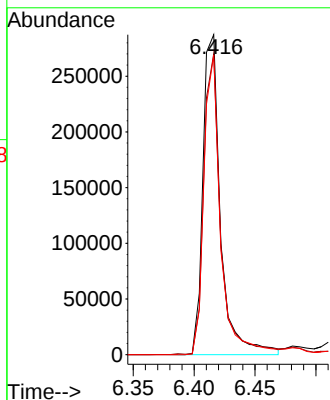
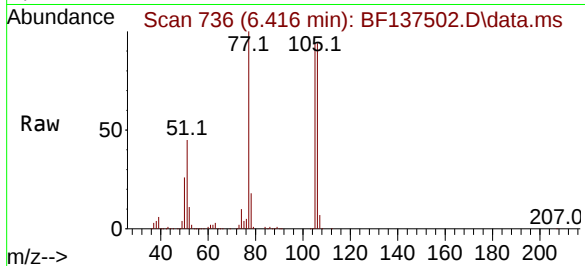




#9
Benzaldehyde
Concen: 37.840 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

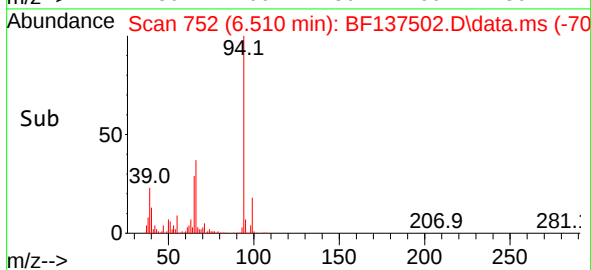
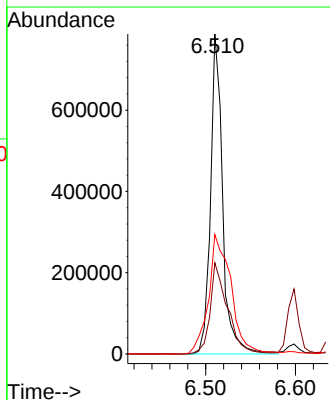
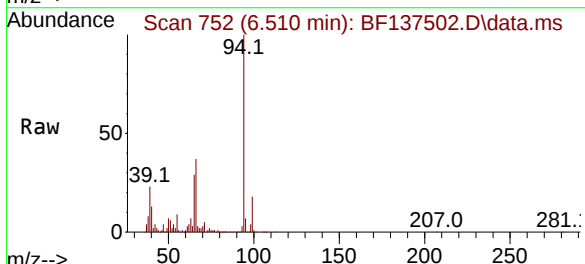
Instrument :
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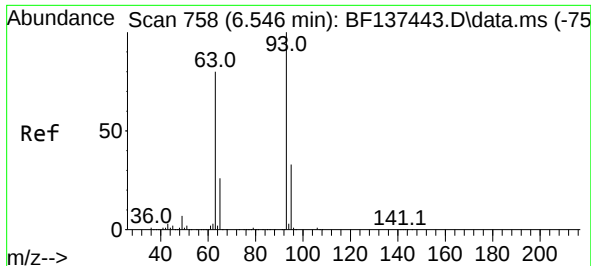
Tgt Ion: 77 Resp: 288765
Ion Ratio Lower Upper
77 100
105 94.0 69.8 109.8
106 93.7 67.8 107.8



#10
Phenol
Concen: 44.006 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion: 94 Resp: 737784
Ion Ratio Lower Upper
94 100
65 28.5 8.7 48.7
66 37.3 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 44.422 ng

RT: 6.598 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

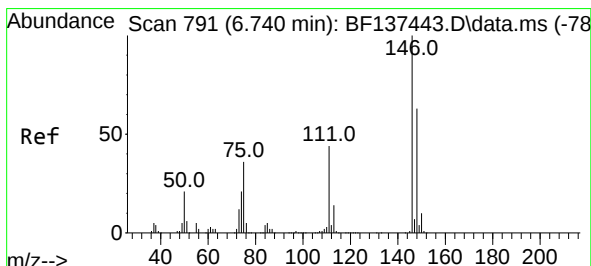
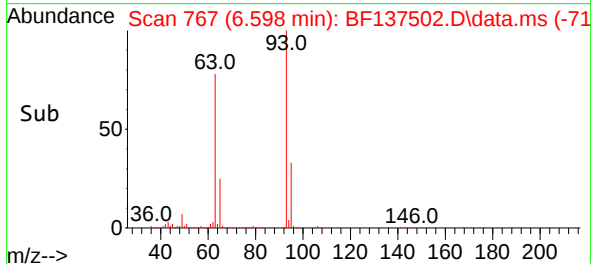
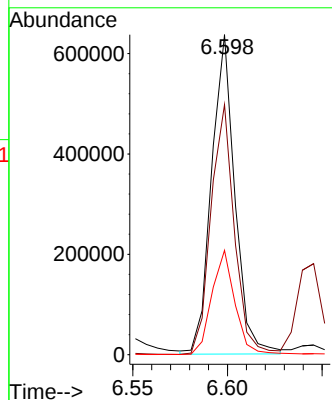
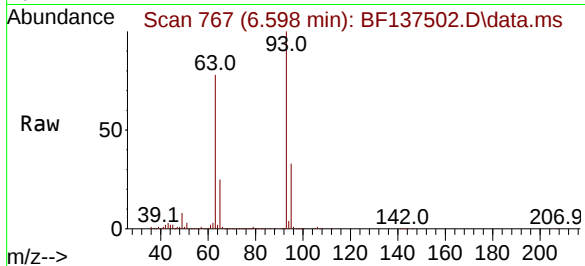
Tgt Ion: 93 Resp: 545754

Ion Ratio Lower Upper

93 100

63 78.2 58.9 98.9

95 32.6 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 46.000 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

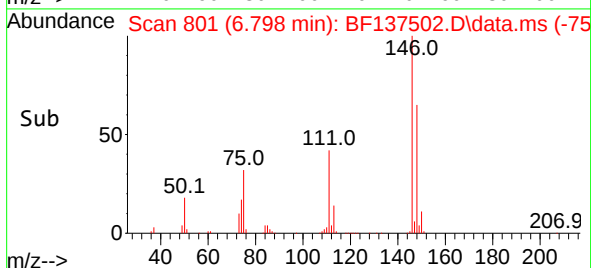
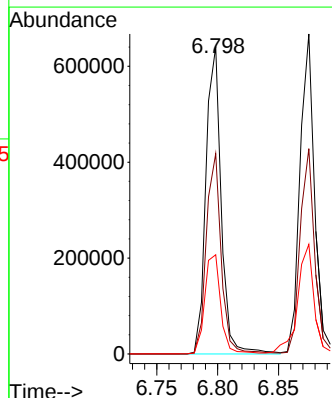
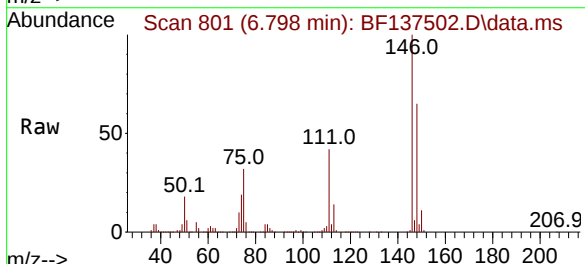
Tgt Ion: 146 Resp: 559463

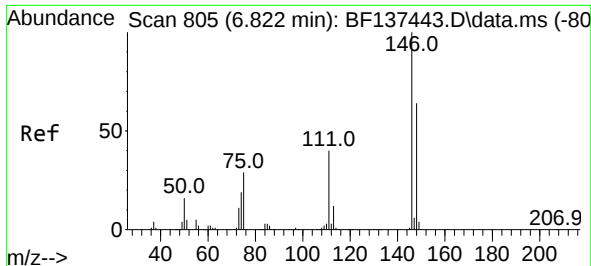
Ion Ratio Lower Upper

146 100

148 65.2 50.3 75.5

75 32.3 29.0 43.4

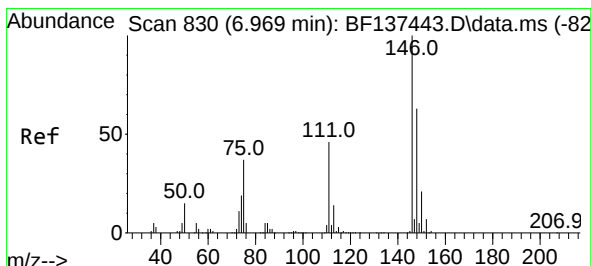
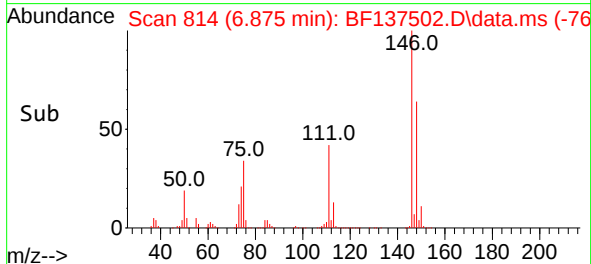
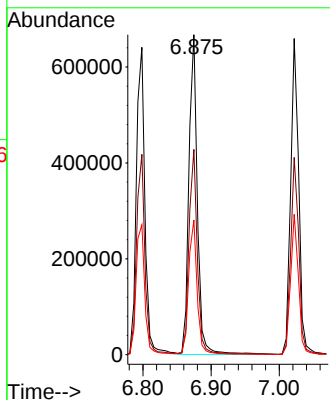
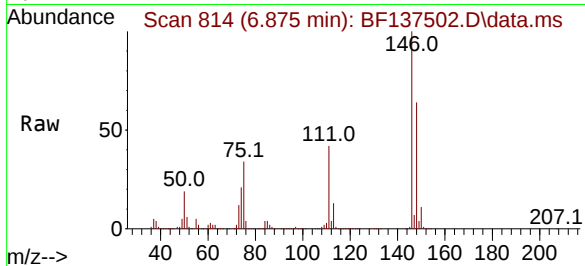




#13
1,4-Dichlorobenzene
Concen: 46.012 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

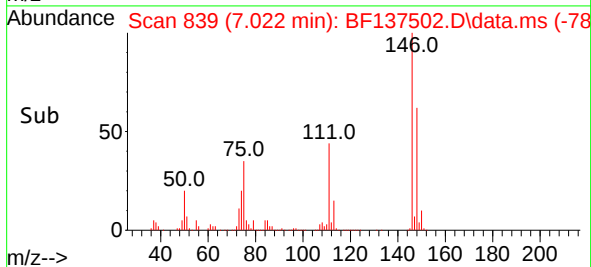
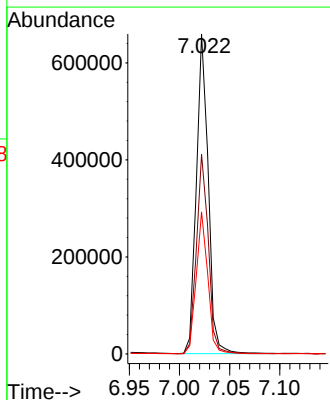
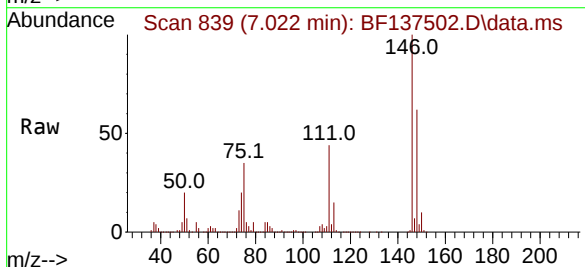
Instrument :
BNA_F
ClientSampleId :
TP-3MS

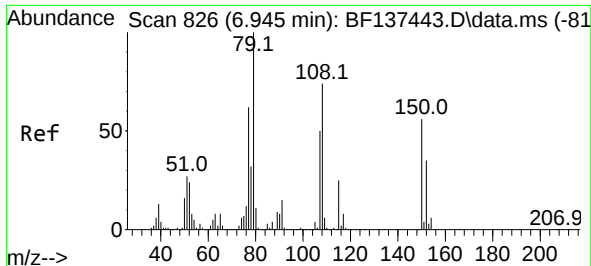
Tgt Ion:146 Resp: 572569
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 42.1 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 47.455 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:146 Resp: 542015
Ion Ratio Lower Upper
146 100
148 62.4 50.0 75.0
111 44.4 36.8 55.2

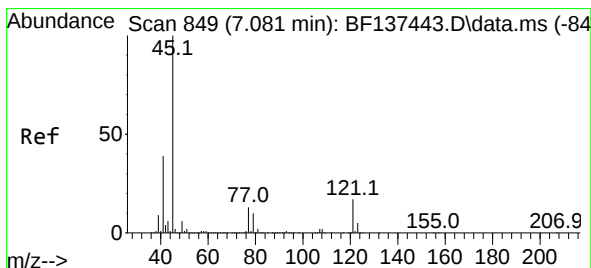
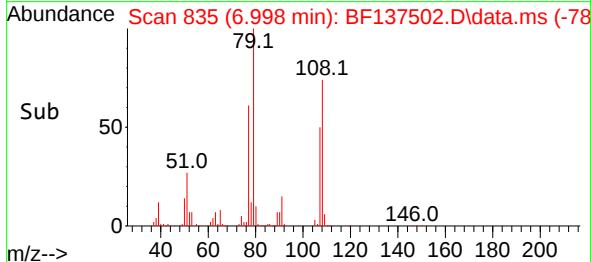
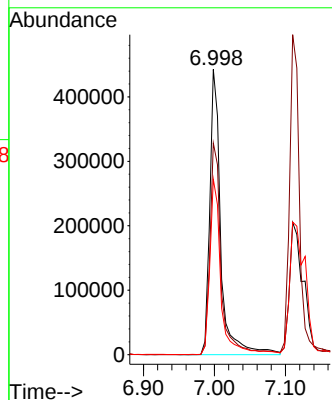
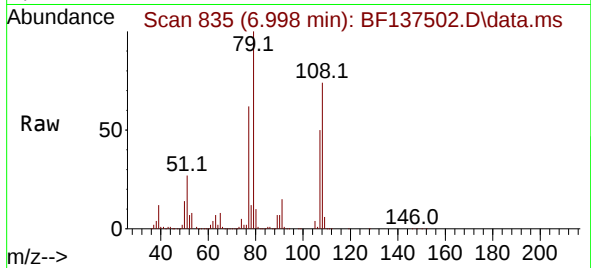




#15
Benzyl Alcohol
Concen: 49.218 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

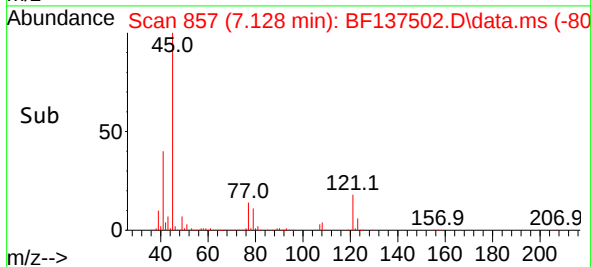
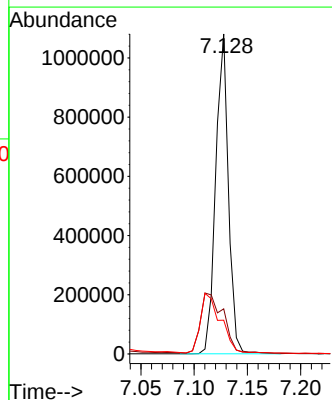
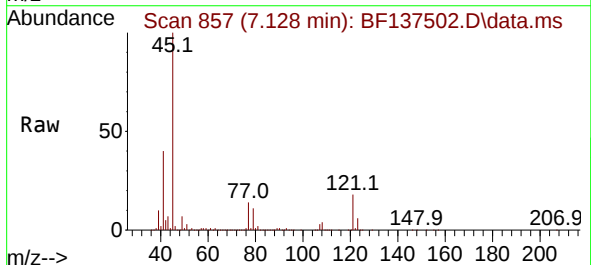
Instrument :
BNA_F
ClientSampleId :
TP-3MS

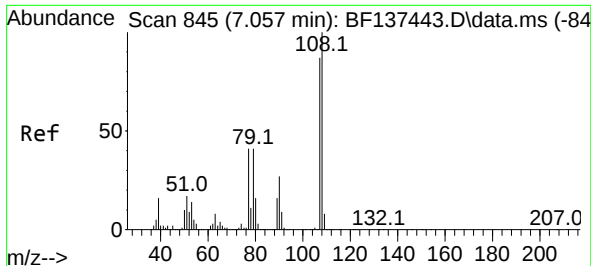
Tgt Ion: 79 Resp: 477280
Ion Ratio Lower Upper
79 100
108 74.2 59.5 89.3
77 61.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.304 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion: 45 Resp: 893386
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.4
79 10.6 0.0 30.9



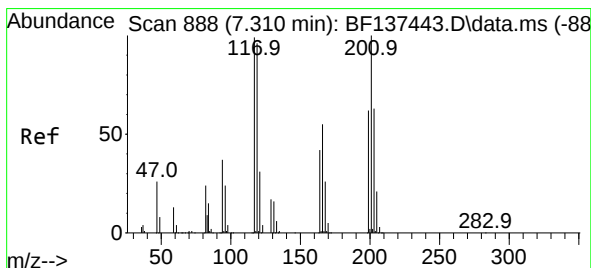
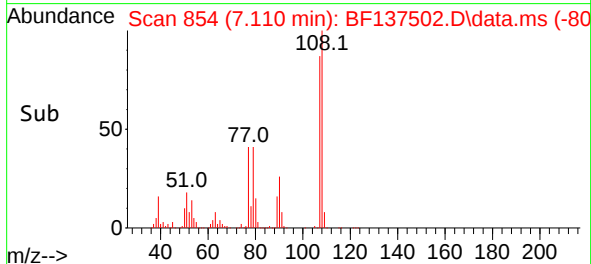
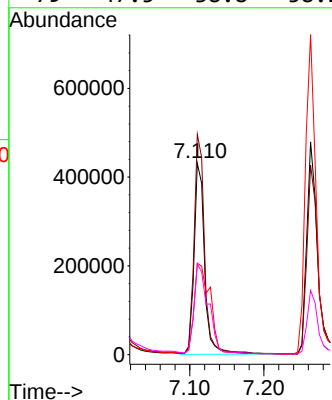
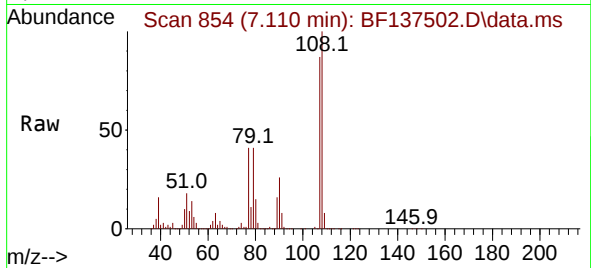


#17
2-Methylphenol
Concen: 39.976 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:107 Resp: 425757

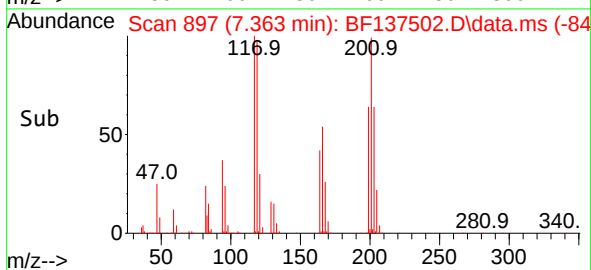
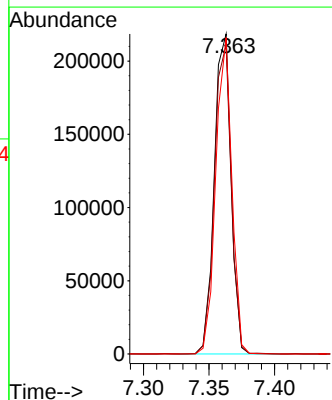
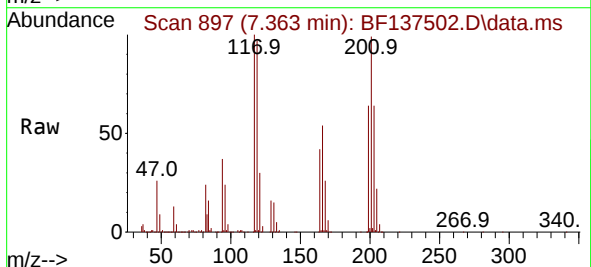
Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.2	138.4
77	47.7	38.6	57.8
79	47.5	38.8	58.2

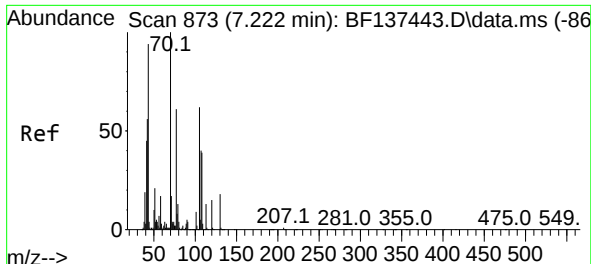


#18
Hexachloroethane
Concen: 47.535 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:117 Resp: 194768

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.5	116.3
201	98.9	80.6	121.0



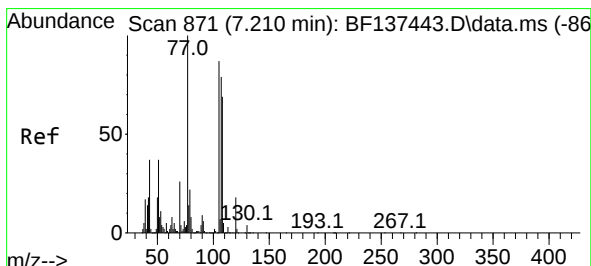
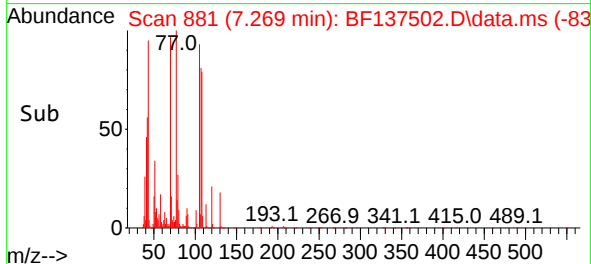
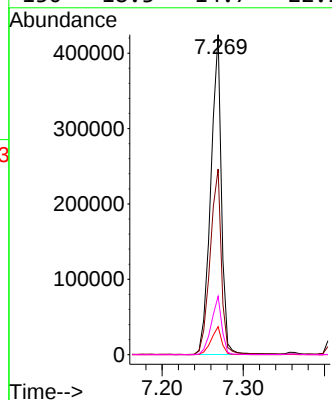
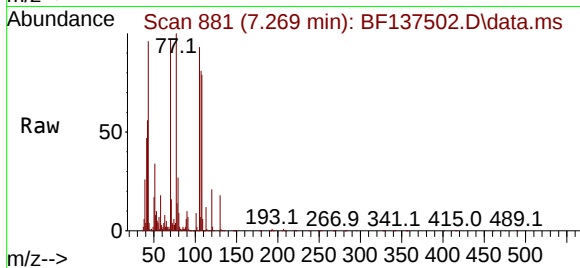


#19
n-Nitroso-di-n-propylamine
Concen: 40.221 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 70 Resp: 386870

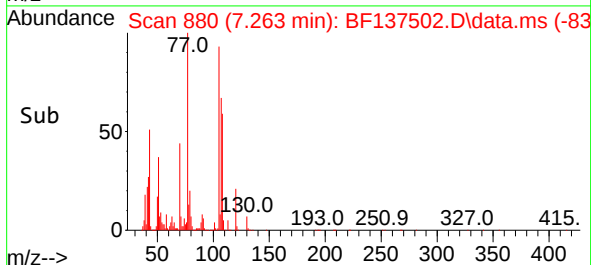
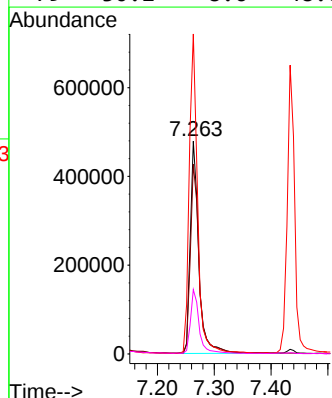
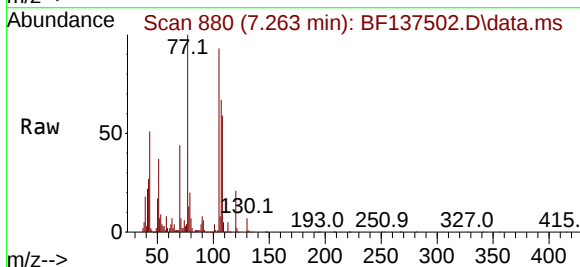
Ion	Ratio	Lower	Upper
70	100		
42	58.0	45.2	67.8
101	8.7	7.3	10.9
130	18.3	14.7	22.1

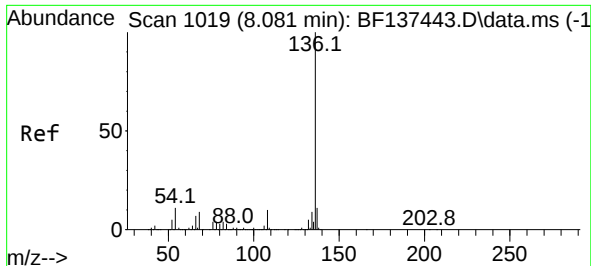


#20
3+4-Methylphenols
Concen: 41.264 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion: 107 Resp: 503321

Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.6	107.6
77	150.3	107.1	147.1#
79	30.2	8.6	48.6

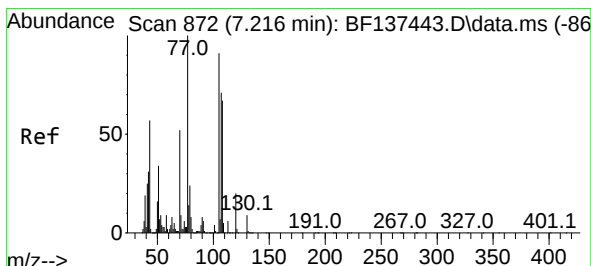
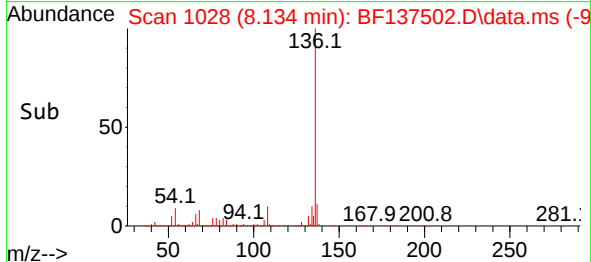
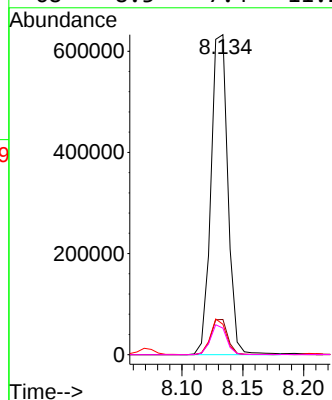
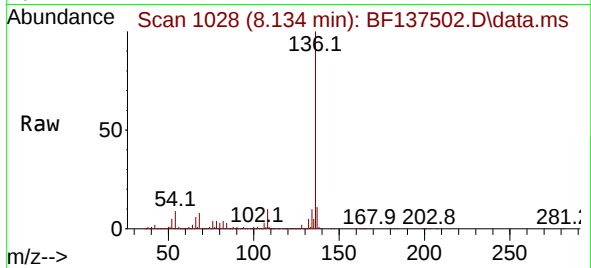




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

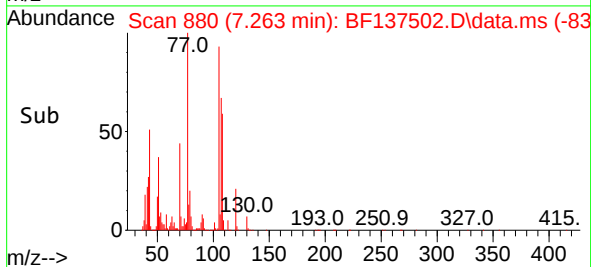
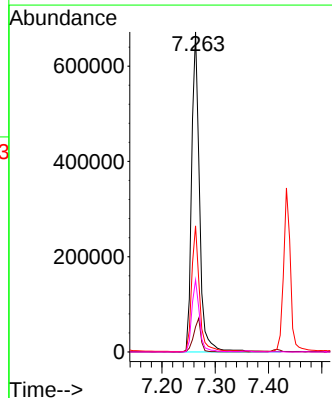
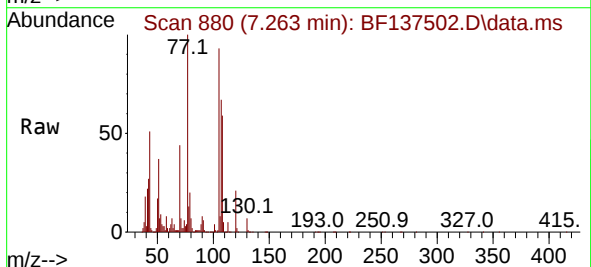
Instrument :
BNA_F
ClientSampleId :
TP-3MS

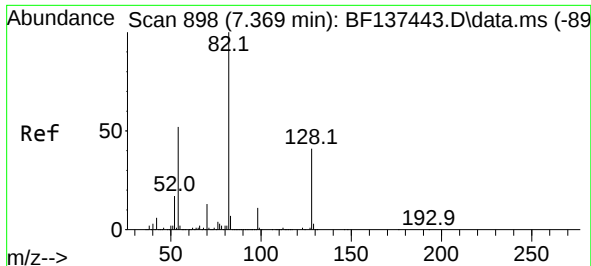
Tgt Ion:136 Resp: 610981
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.5 8.5 12.7
68 8.3 7.4 11.2



#22
Acetophenone
Concen: 46.877 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:105 Resp: 692984
Ion Ratio Lower Upper
105 100
71 7.9 7.7 11.5
51 39.4 30.4 45.6
120 22.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 55.697 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

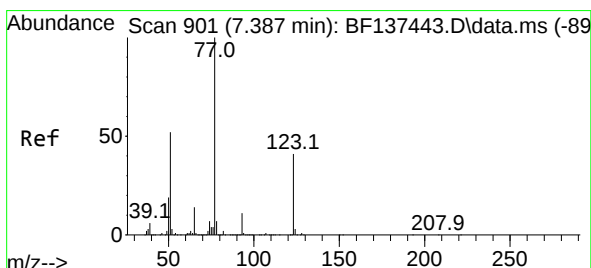
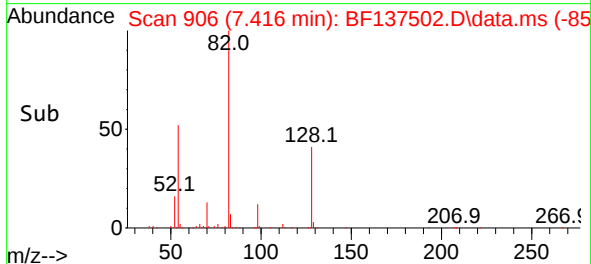
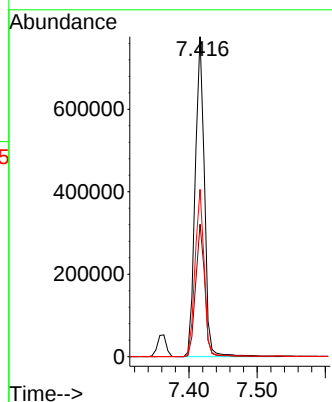
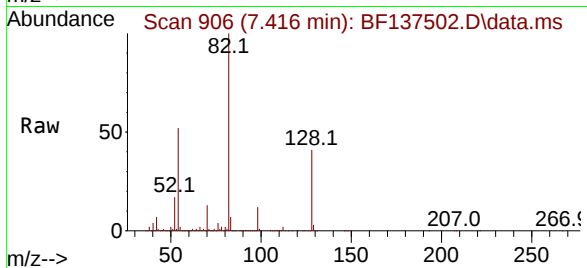
Tgt Ion: 82 Resp: 732394

Ion Ratio Lower Upper

82 100

128 41.4 32.5 48.7

54 52.3 41.5 62.3



#24

Nitrobenzene

Concen: 45.235 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

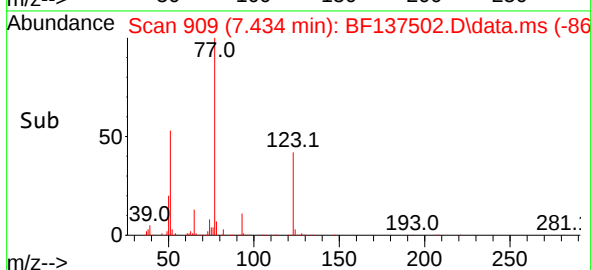
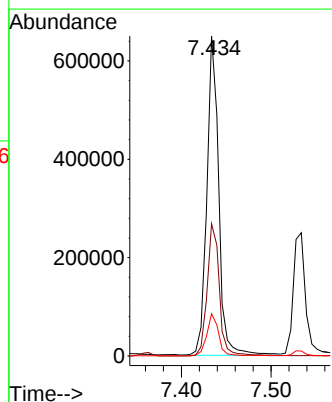
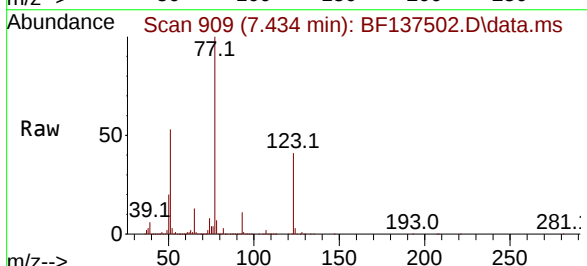
Tgt Ion: 77 Resp: 597526

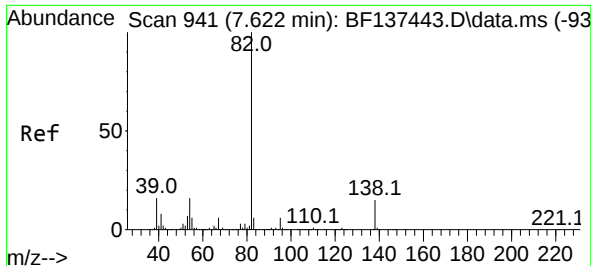
Ion Ratio Lower Upper

77 100

123 41.3 33.0 49.6

65 13.2 10.9 16.3

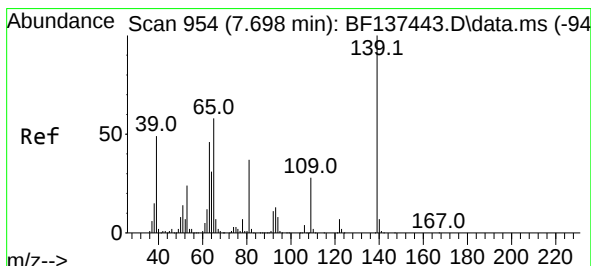
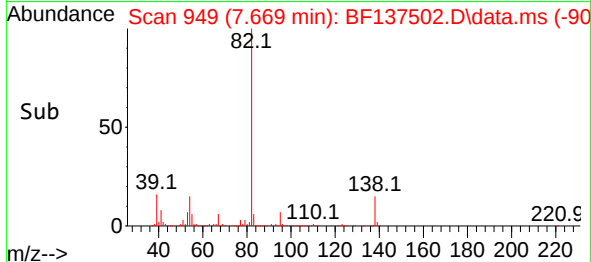
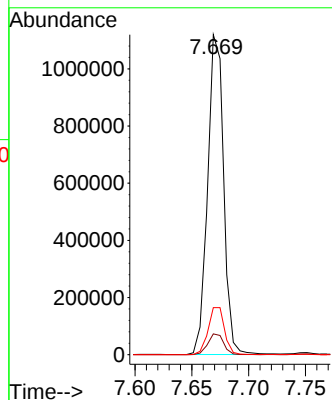
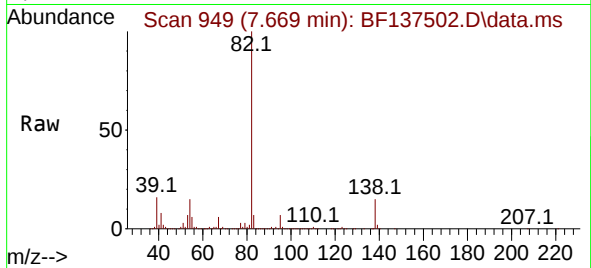




#25
Isophorone
Concen: 43.869 ng
RT: 7.669 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

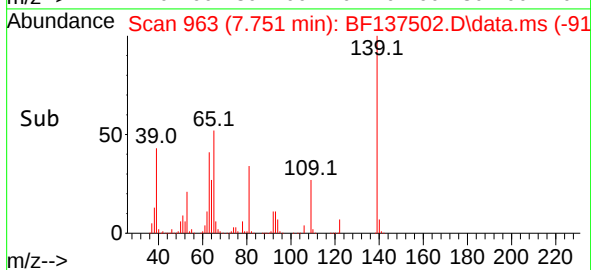
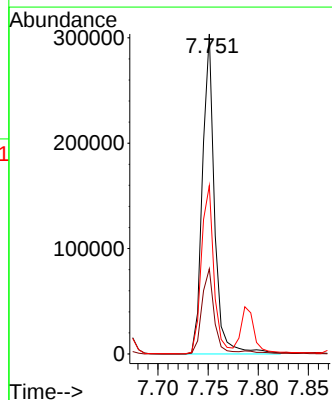
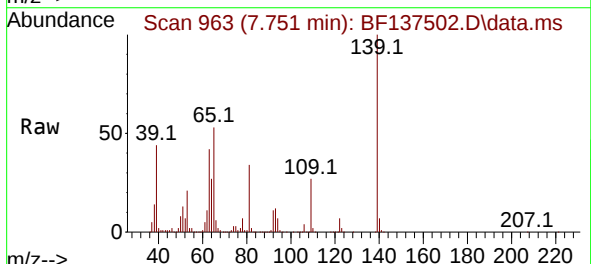
Instrument :
BNA_F
ClientSampleId :
TP-3MS

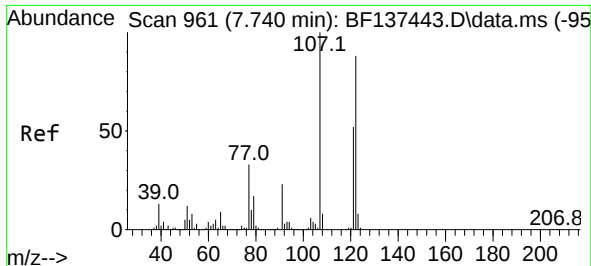
Tgt Ion: 82 Resp: 1095920
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.7 11.8 17.8



#26
2-Nitrophenol
Concen: 48.950 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:139 Resp: 256710
Ion Ratio Lower Upper
139 100
109 26.6 22.2 33.4
65 52.6 46.2 69.2

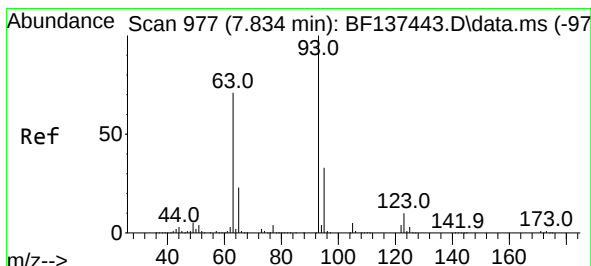
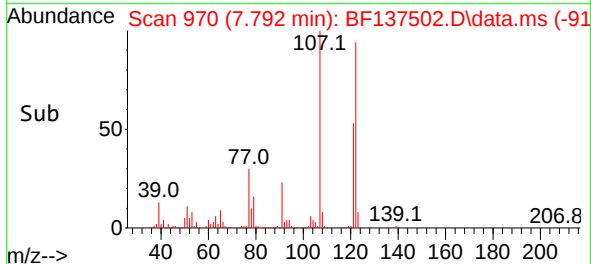
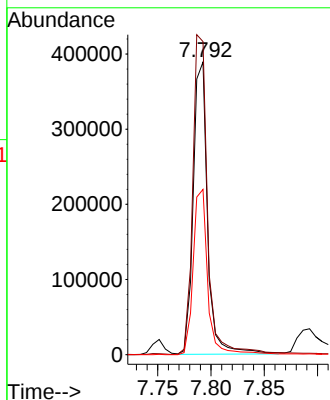
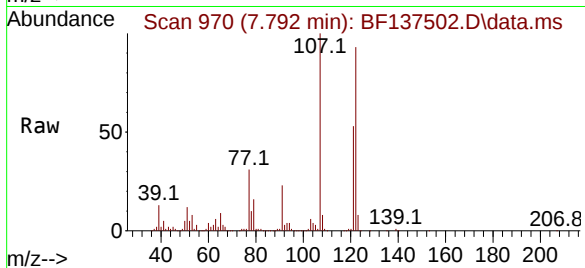




#27
2,4-Dimethylphenol
Concen: 37.228 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

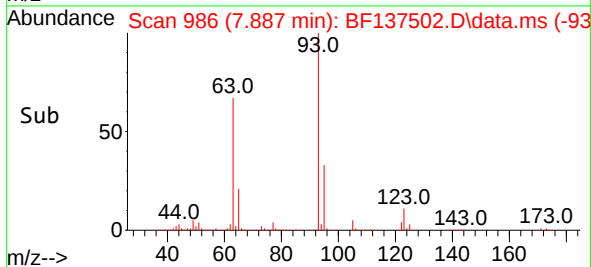
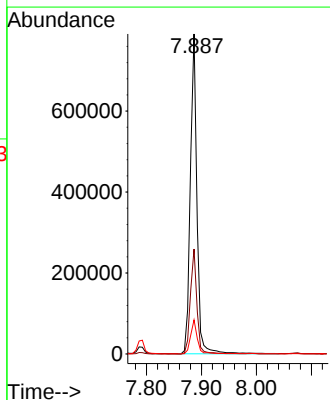
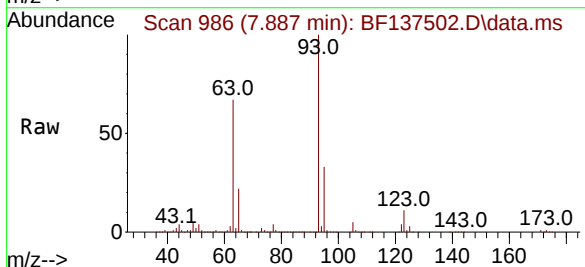
Instrument :
BNA_F
ClientSampleId :
TP-3MS

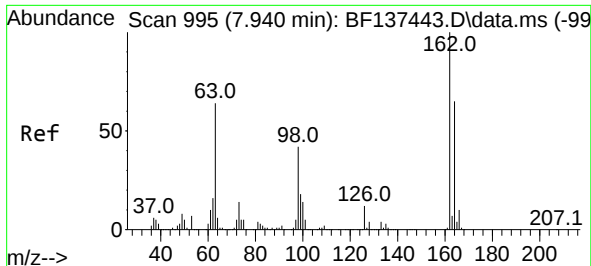
Tgt Ion:122 Resp: 364799
Ion Ratio Lower Upper
122 100
107 107.0 90.9 136.3
121 56.5 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.696 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion: 93 Resp: 655136
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.6 8.0 12.0

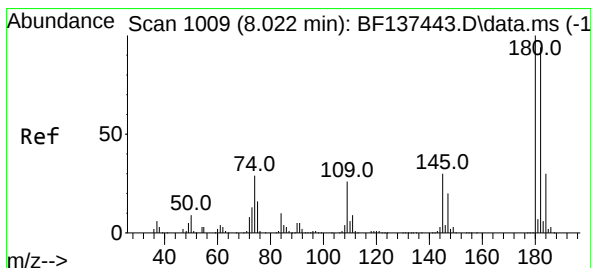
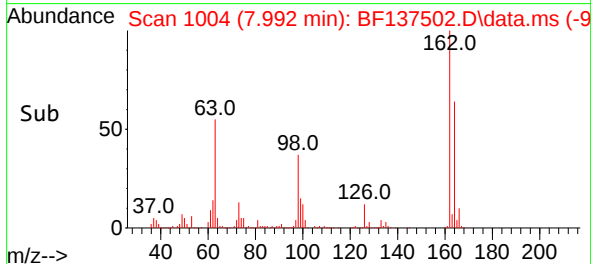
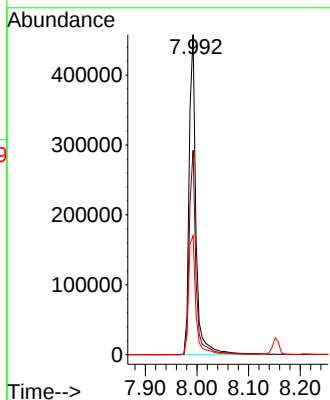
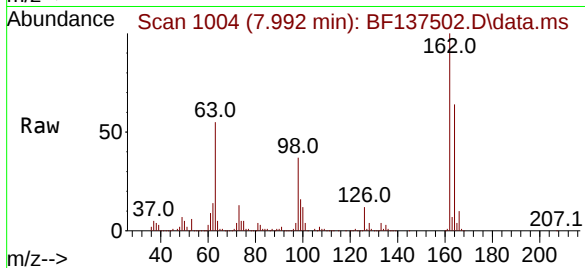




#29
2,4-Dichlorophenol
Concen: 46.829 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

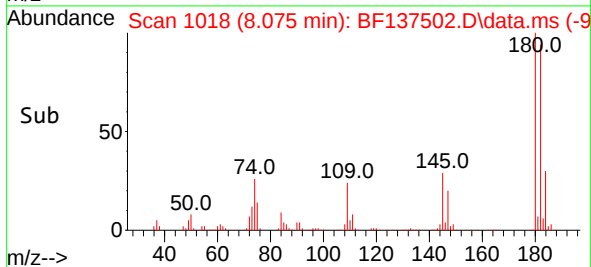
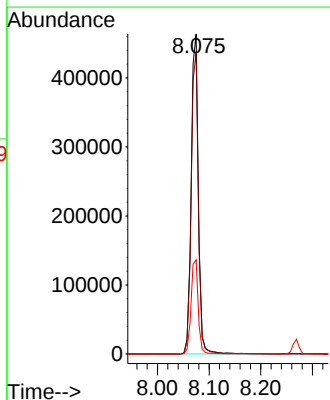
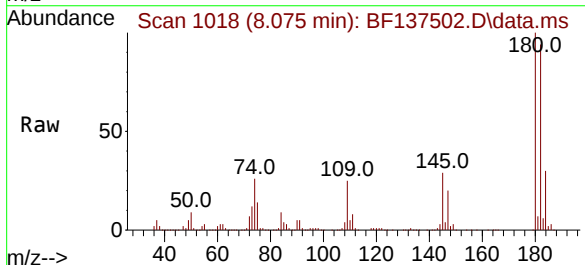
Instrument :
BNA_F
ClientSampleId :
TP-3MS

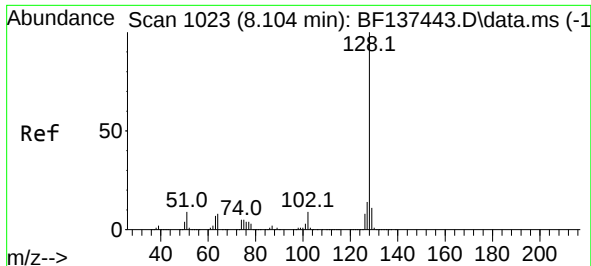
Tgt Ion:162 Resp: 421156
Ion Ratio Lower Upper
162 100
164 63.9 44.7 84.7
98 37.2 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 47.046 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:180 Resp: 445255
Ion Ratio Lower Upper
180 100
182 94.2 75.0 112.6
145 29.5 23.7 35.5

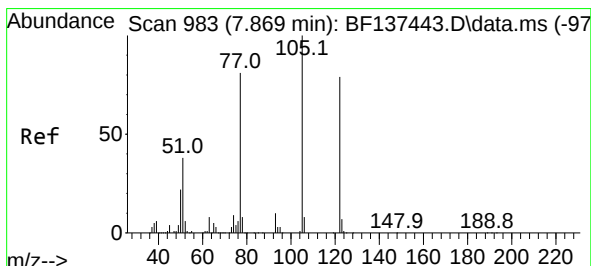
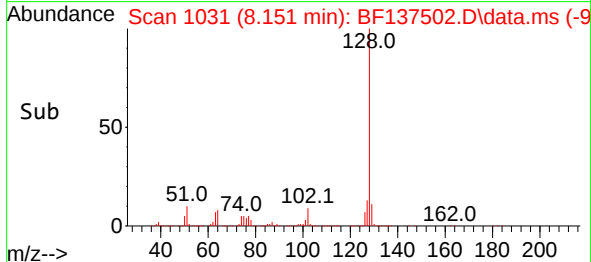
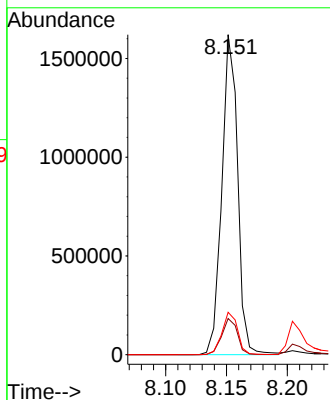
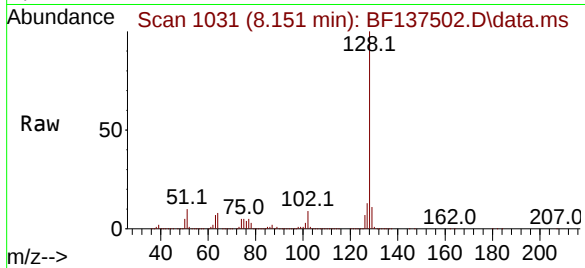




#31
Naphthalene
Concen: 44.762 ng
RT: 8.151 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

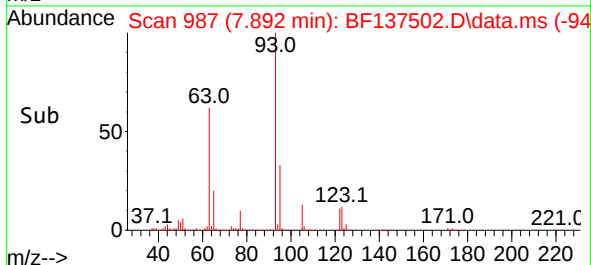
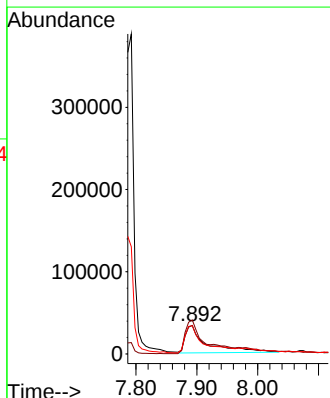
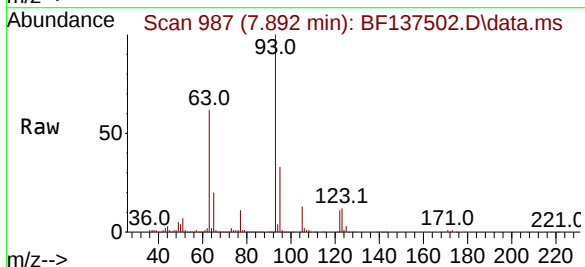
Instrument :
BNA_F
ClientSampleId :
TP-3MS

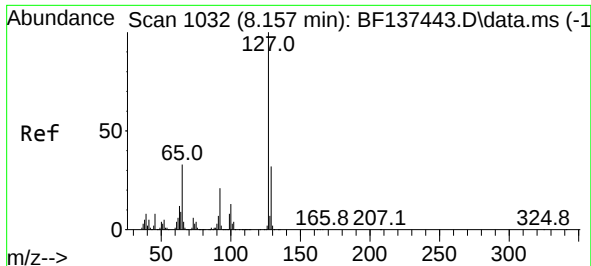
Tgt Ion:128 Resp: 1467372
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 19.031 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.035 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:122 Resp: 82703
Ion Ratio Lower Upper
122 100
105 119.8 102.4 142.4
77 99.9 81.1 121.1

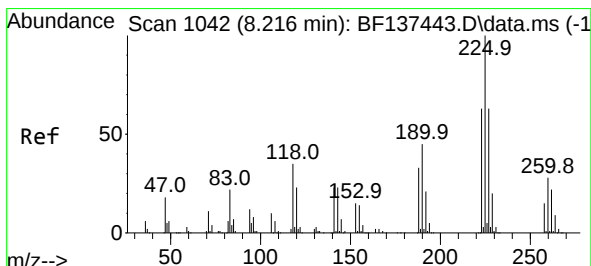
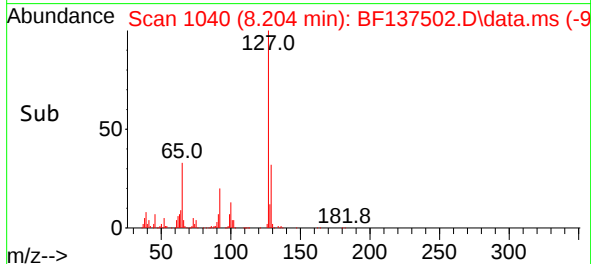
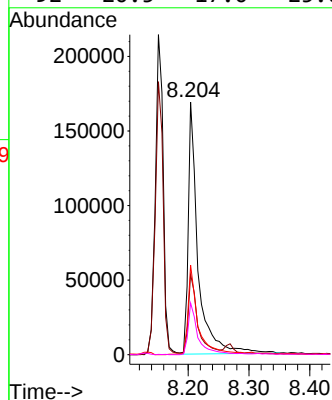
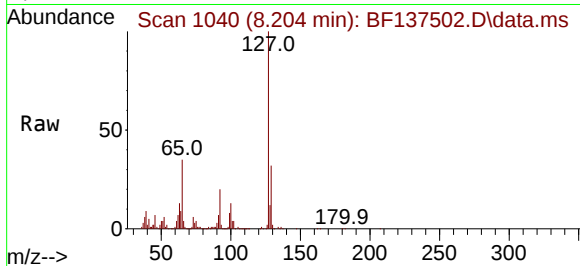




#33
4-Chloroaniline
Concen: 14.717 ng
RT: 8.204 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

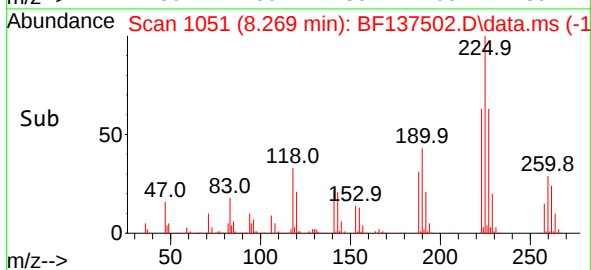
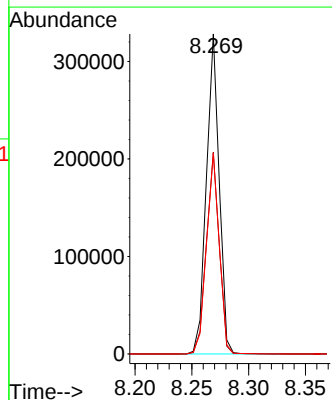
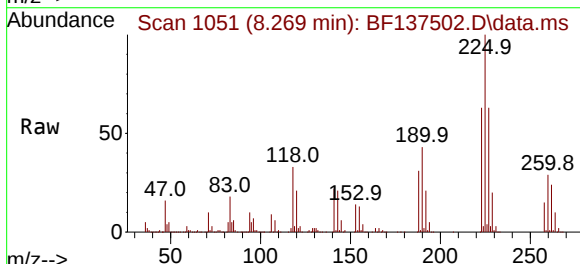
Instrument :
BNA_F
ClientSampleId :
TP-3MS

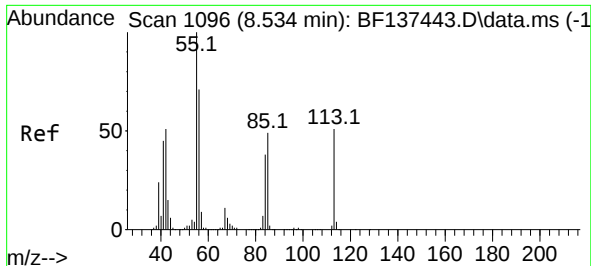
Tgt Ion:127	Resp: 189170
Ion Ratio	Lower Upper
127 100	
129 31.8	26.0 39.0
65 35.5	26.8 40.2
92 20.5	17.0 25.6



#34
Hexachlorobutadiene
Concen: 45.857 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt	Ion:225	Resp:	256224
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	62.8	50.6	75.8

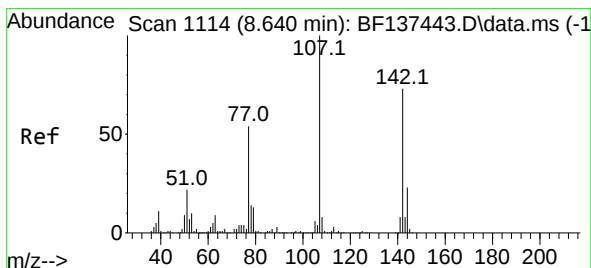
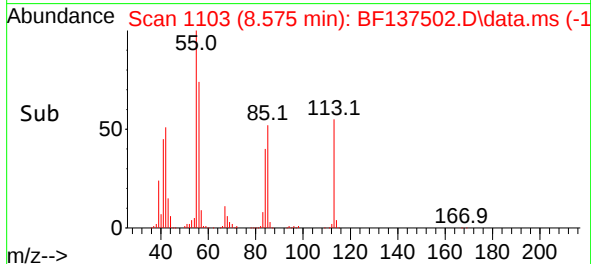
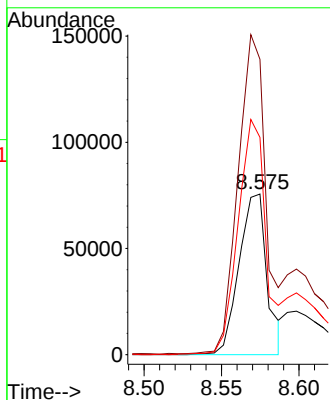
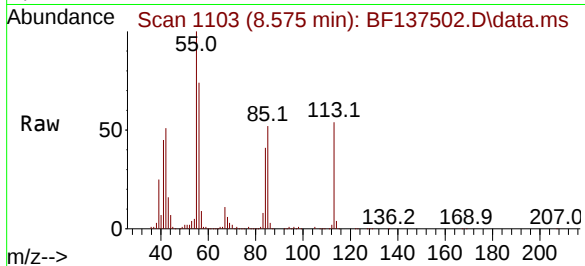




#35
 Caprolactam
 Concen: 31.104 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.017 min
 Lab File: BF137502.D
 Acq: 05 Mar 2024 16:01

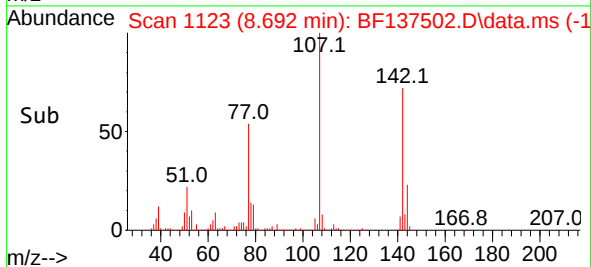
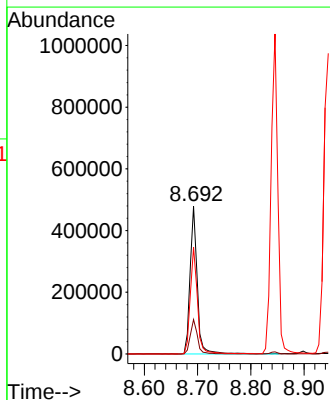
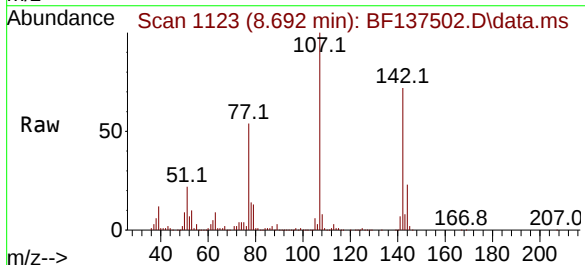
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

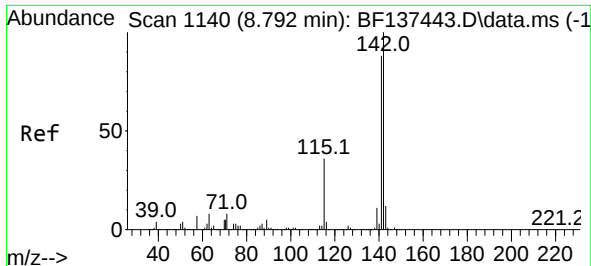
Tgt Ion:113 Resp: 94853
 Ion Ratio Lower Upper
 113 100
 55 183.8 176.7 216.7
 56 135.2 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.549 ng
 RT: 8.692 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: BF137502.D
 Acq: 05 Mar 2024 16:01

Tgt Ion:107 Resp: 447844
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 72.4 58.2 87.2





#37

2-Methylnaphthalene

Concen: 43.568 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

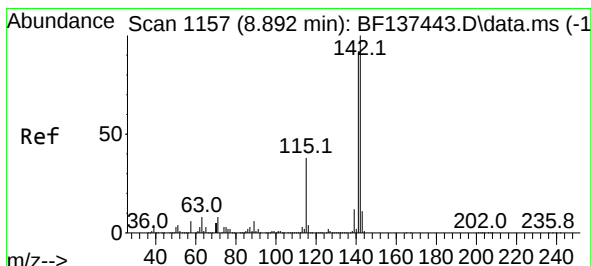
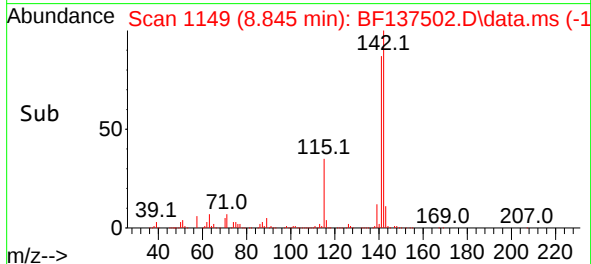
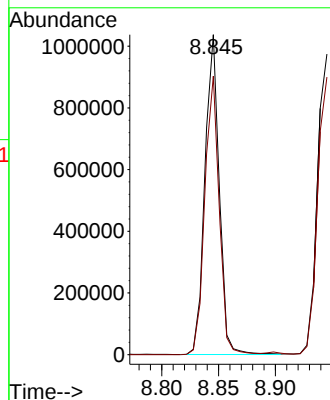
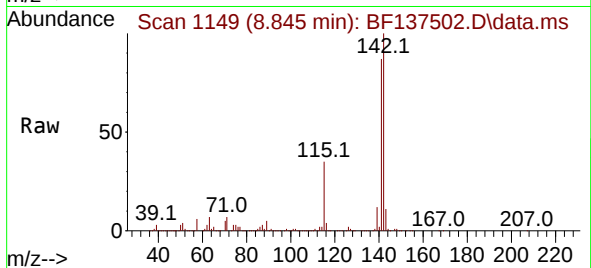
TP-3MS

Tgt Ion:142 Resp: 910489

Ion Ratio Lower Upper

142 100

141 87.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.678 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF137502.D

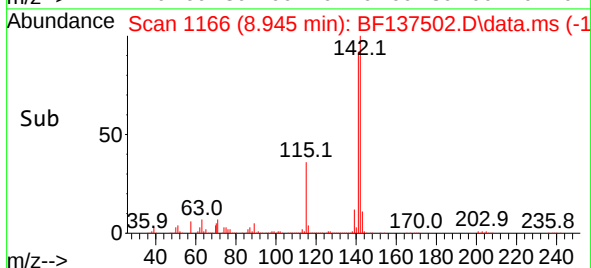
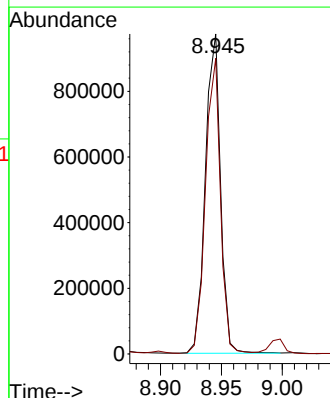
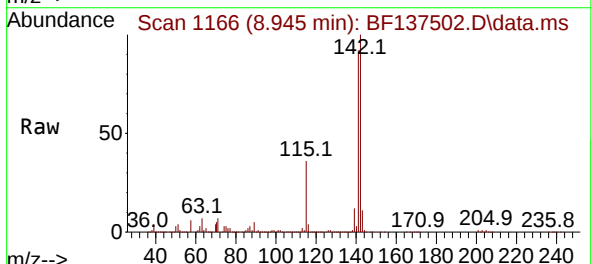
Acq: 05 Mar 2024 16:01

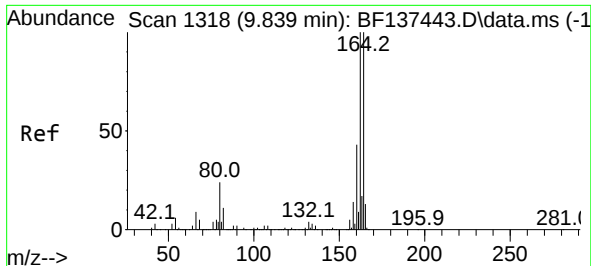
Tgt Ion:142 Resp: 839912

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.2

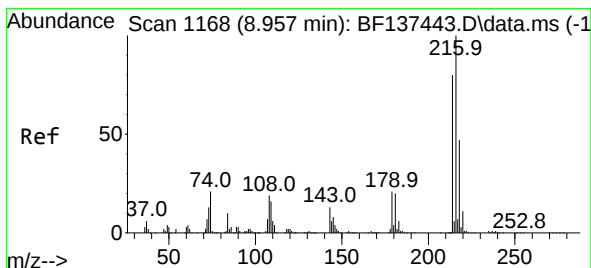
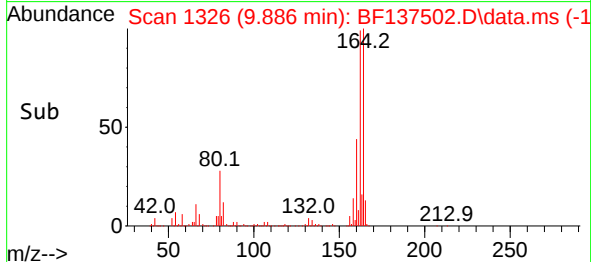
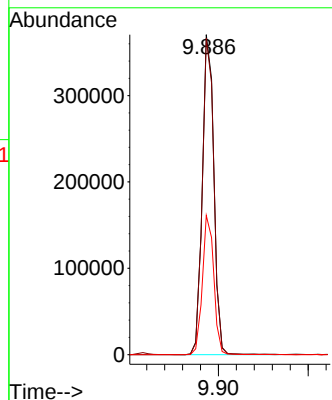
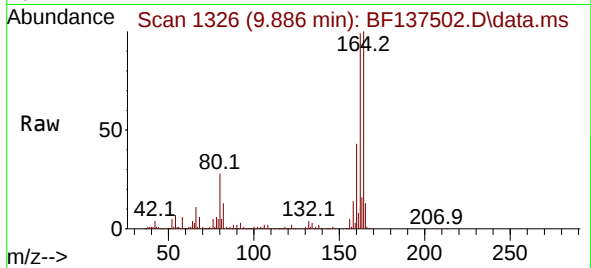




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

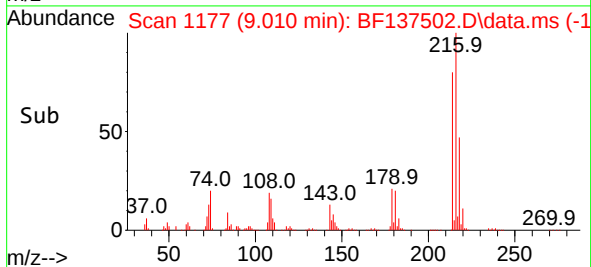
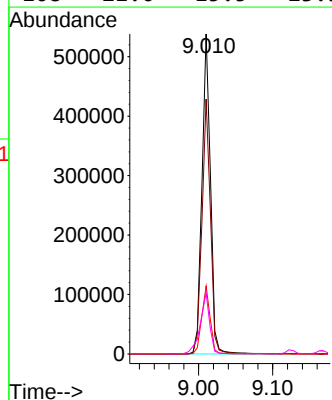
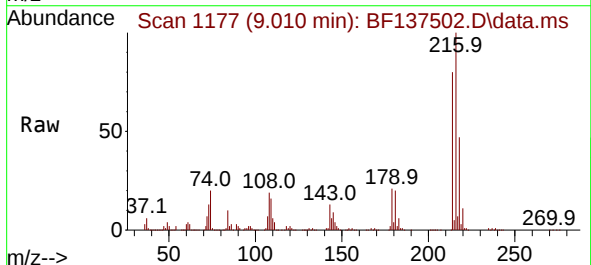
Instrument :
BNA_F
ClientSampleId :
TP-3MS

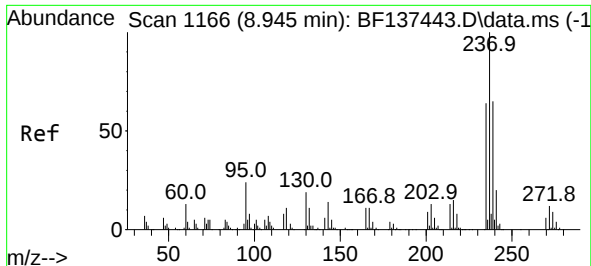
Tgt Ion:164 Resp: 330621
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 43.5 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.825 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:216 Resp: 432200
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 21.0 16.6 25.0
108 21.0 15.5 23.3

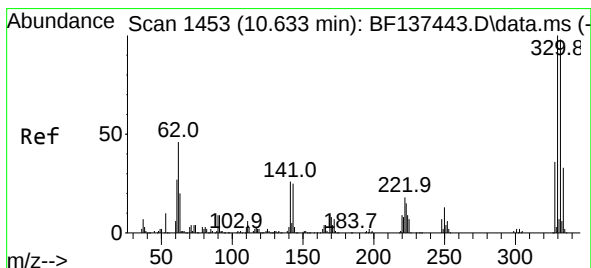
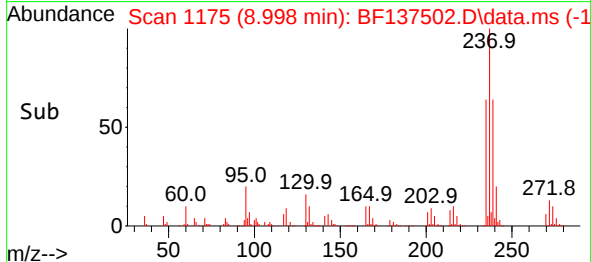
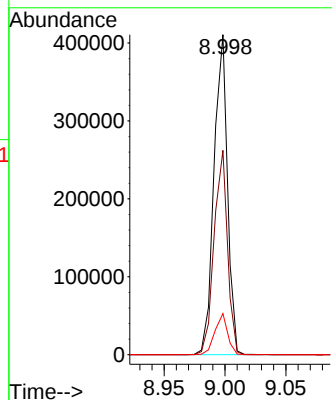
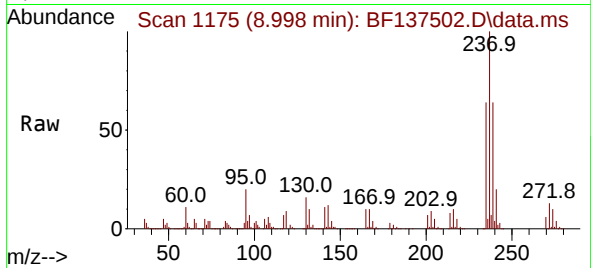




#41
Hexachlorocyclopentadiene
Concen: 83.453 ng
RT: 8.998 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

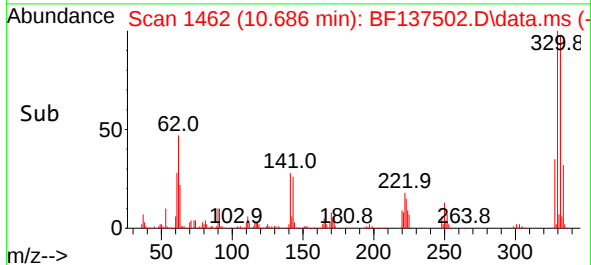
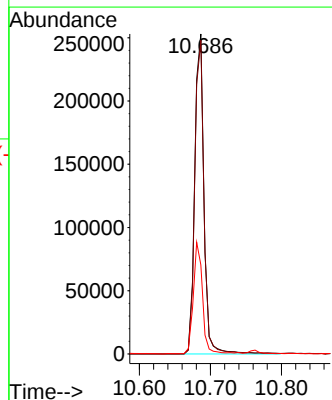
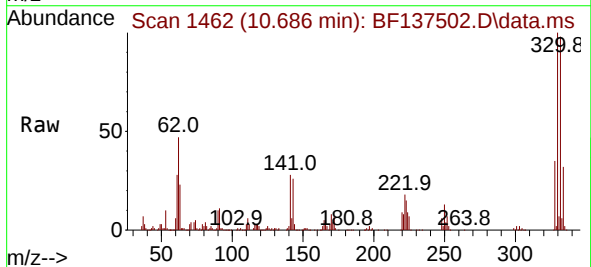
Instrument :
BNA_F
ClientSampleId :
TP-3MS

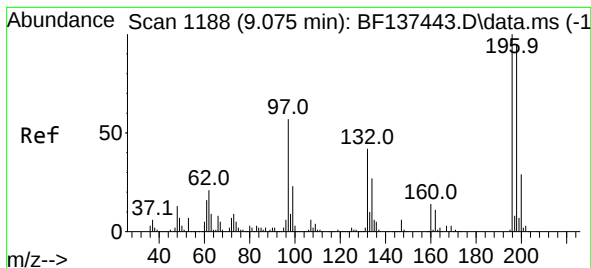
Tgt Ion:237 Resp: 315842
Ion Ratio Lower Upper
237 100
235 63.9 43.6 83.6
272 12.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 79.272 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:330 Resp: 230159
Ion Ratio Lower Upper
330 100
332 97.8 78.0 117.0
141 34.1 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 45.782 ng

RT: 9.128 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

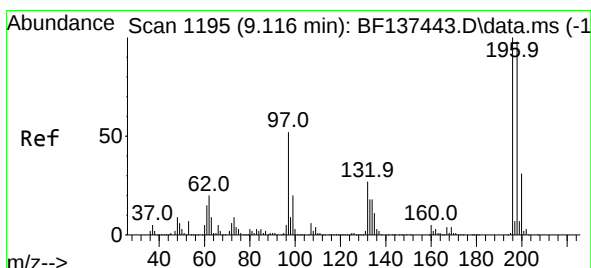
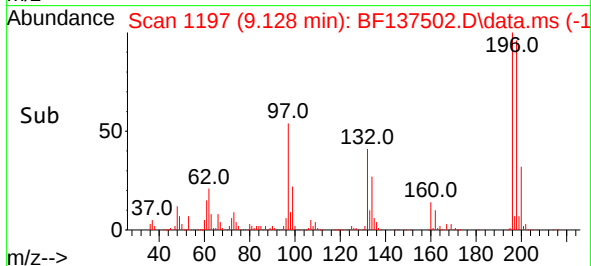
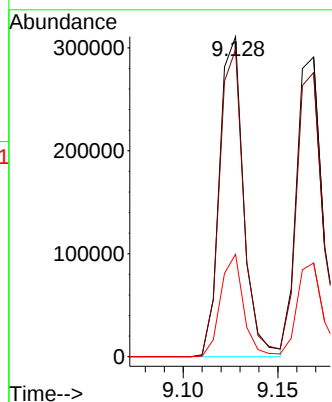
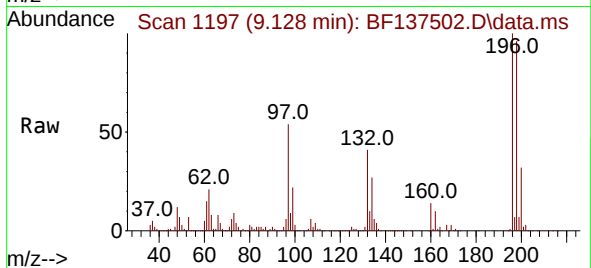
Tgt Ion:196 Resp: 275181

Ion Ratio Lower Upper

196 100

198 96.0 75.8 113.8

200 32.0 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 40.858 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Tgt Ion:196 Resp: 282901

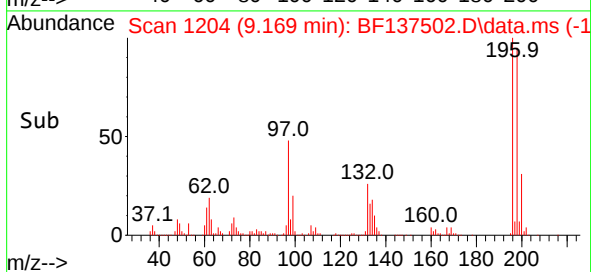
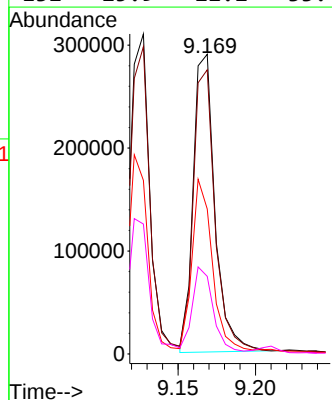
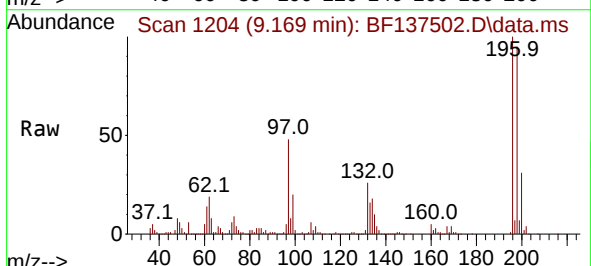
Ion Ratio Lower Upper

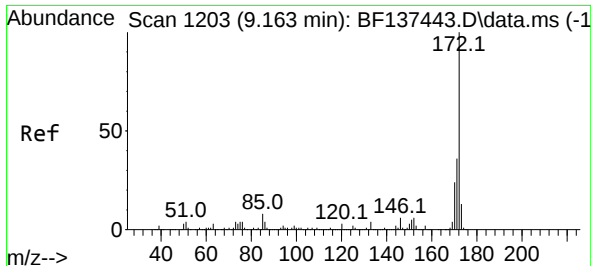
196 100

198 94.8 78.6 117.8

97 48.4 41.8 62.8

132 25.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 56.312 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

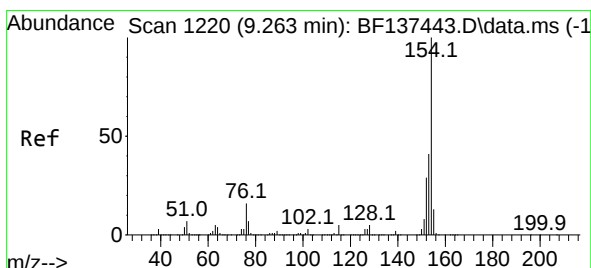
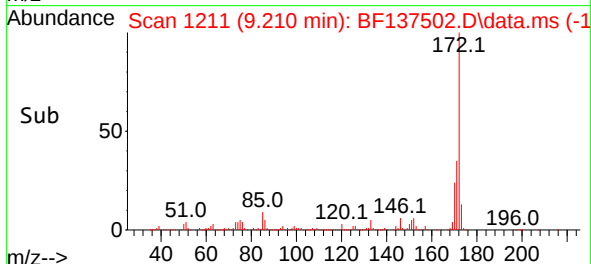
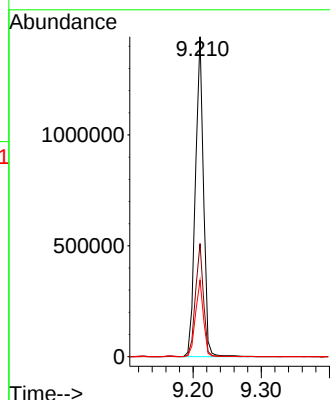
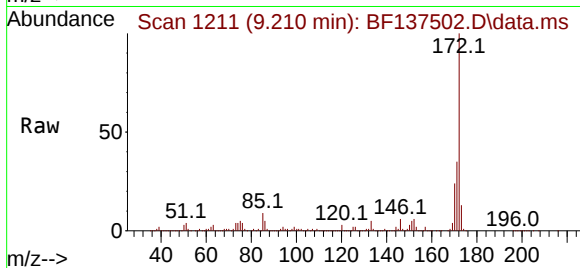
Tgt Ion:172 Resp: 1189359

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.134 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

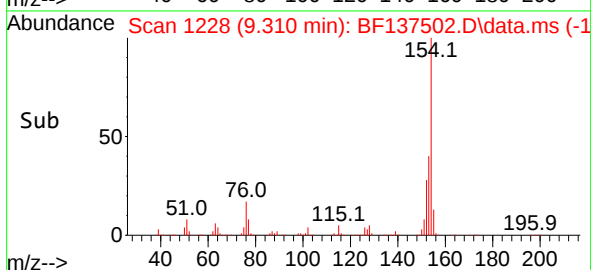
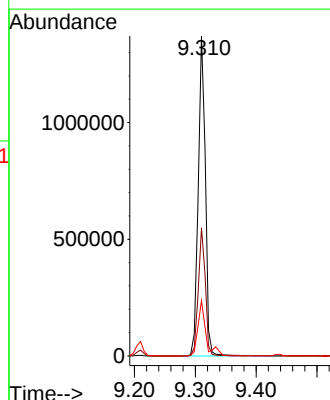
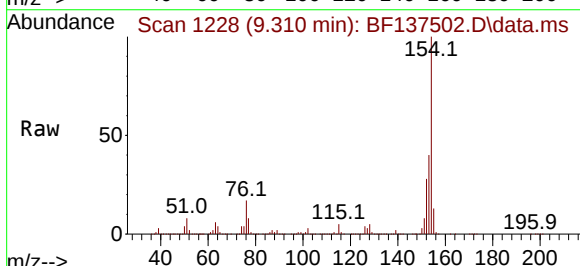
Tgt Ion:154 Resp: 1116385

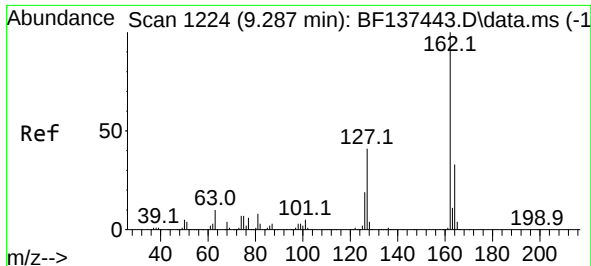
Ion Ratio Lower Upper

154 100

153 40.1 21.0 61.0

76 17.3 0.0 35.8

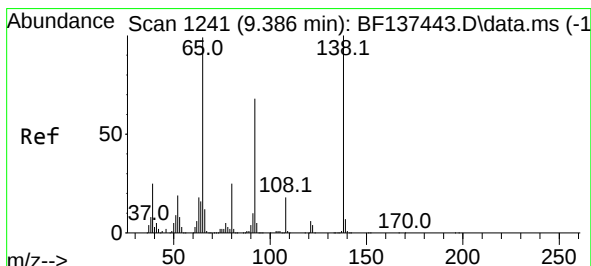
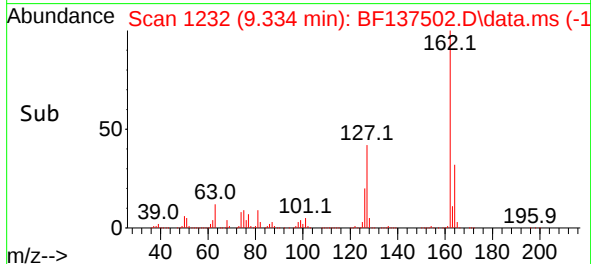
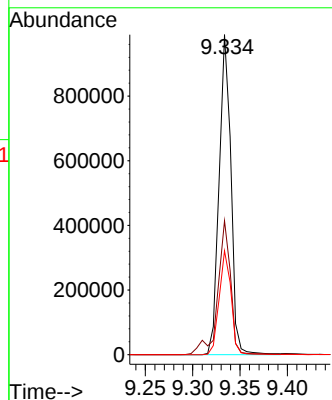
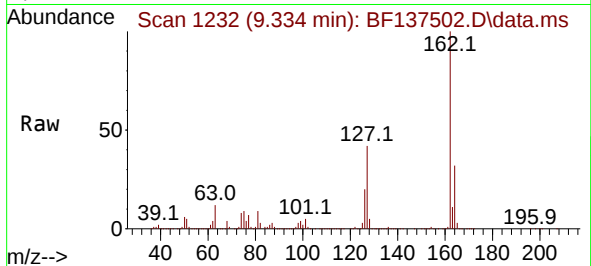




#47
2-Chloronaphthalene
Concen: 46.440 ng
RT: 9.334 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

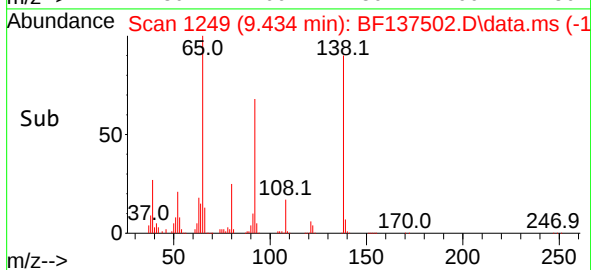
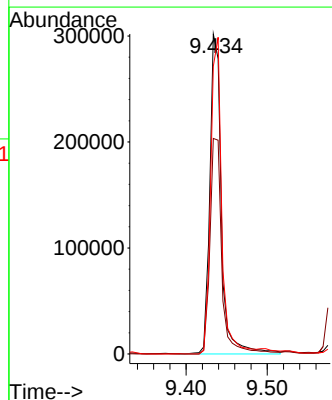
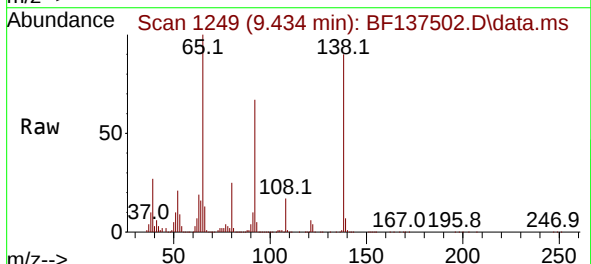
Instrument :
BNA_F
ClientSampleId :
TP-3MS

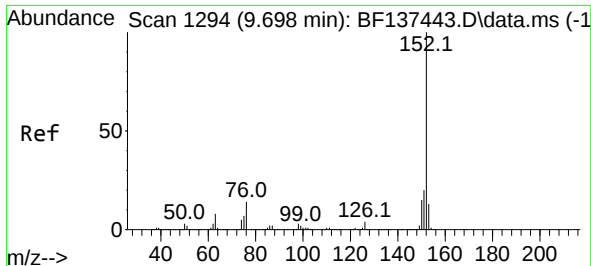
Tgt Ion:162 Resp: 856795
Ion Ratio Lower Upper
162 100
127 41.9 32.6 49.0
164 32.5 26.5 39.7



#48
2-Nitroaniline
Concen: 47.511 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion: 65 Resp: 297932
Ion Ratio Lower Upper
65 100
92 67.4 55.4 83.2
138 89.9 81.0 121.6





#49

Acenaphthylene

Concen: 47.715 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

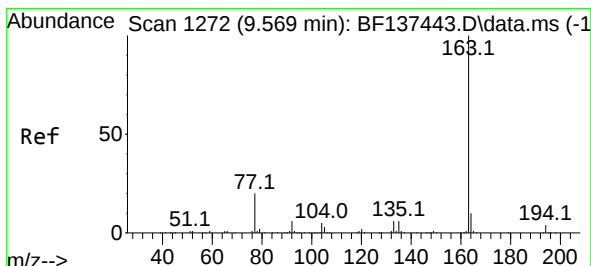
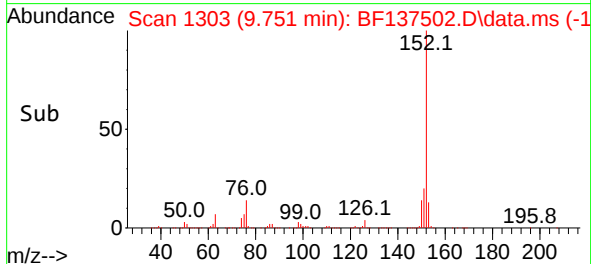
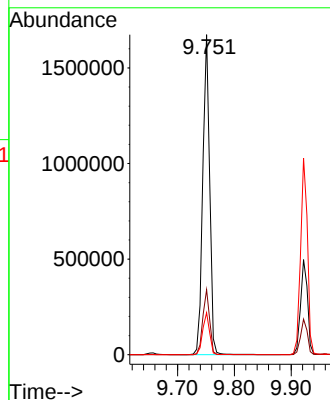
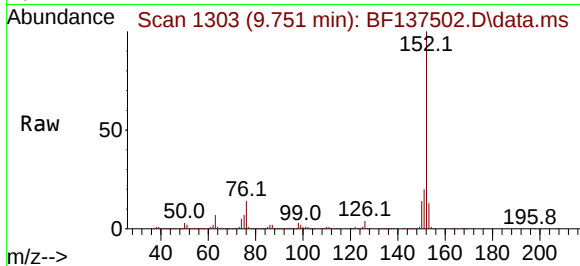
Tgt Ion:152 Resp: 1408790

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 44.150 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

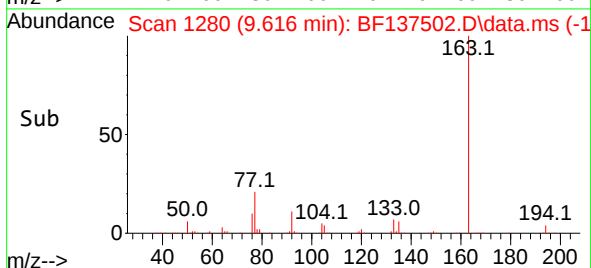
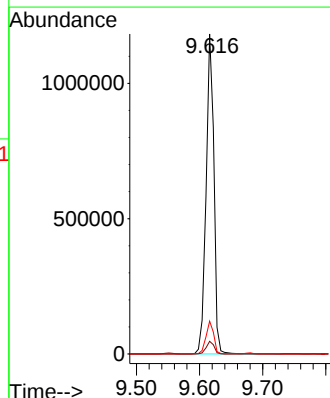
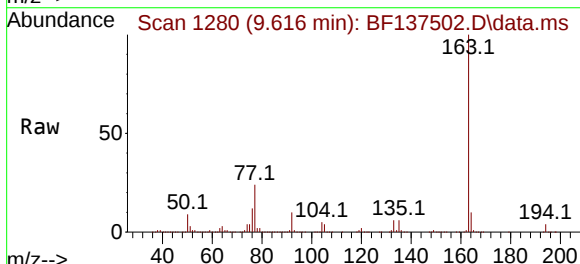
Tgt Ion:163 Resp: 1016105

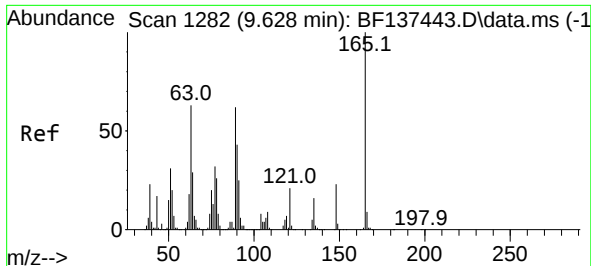
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 45.877 ng

RT: 9.681 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

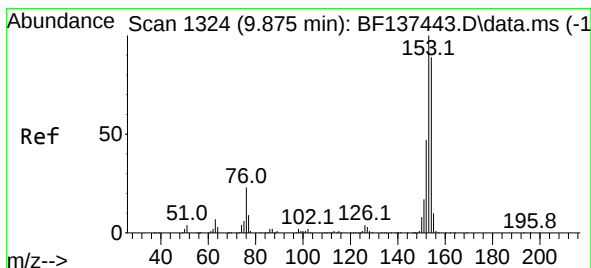
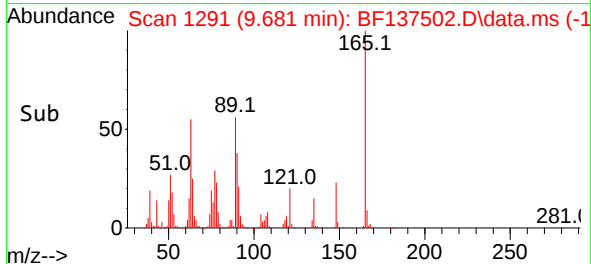
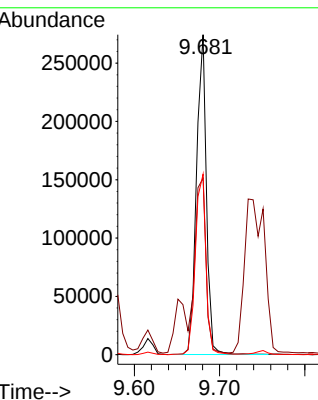
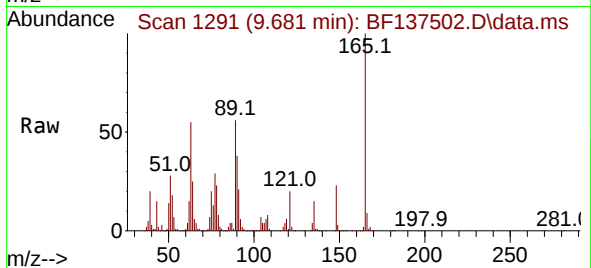
Tgt Ion:165 Resp: 220846

Ion Ratio Lower Upper

165 100

63 55.1 50.7 76.1

89 56.4 50.0 75.0



#52

Acenaphthene

Concen: 43.928 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

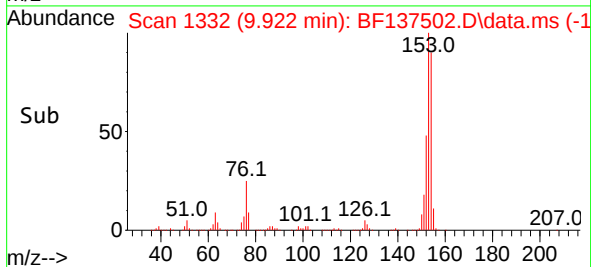
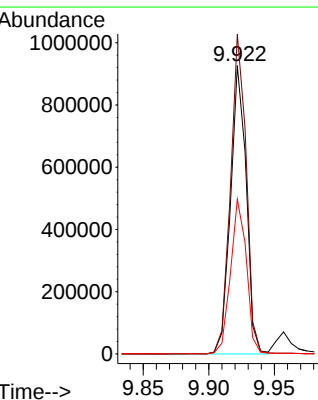
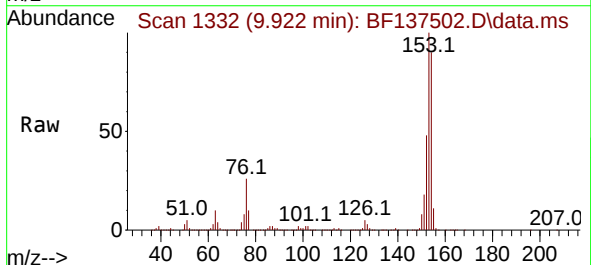
Tgt Ion:154 Resp: 774308

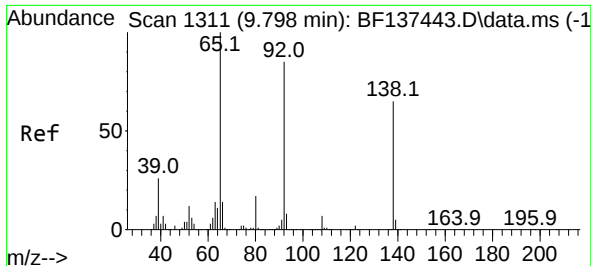
Ion Ratio Lower Upper

154 100

153 111.0 90.3 135.5

152 53.7 42.7 64.1

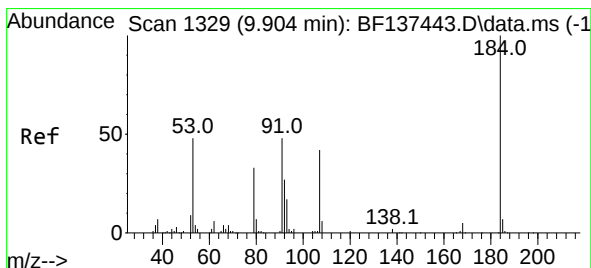
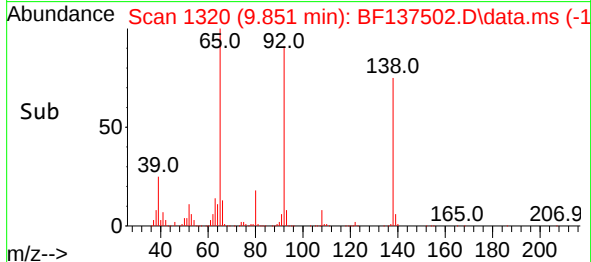
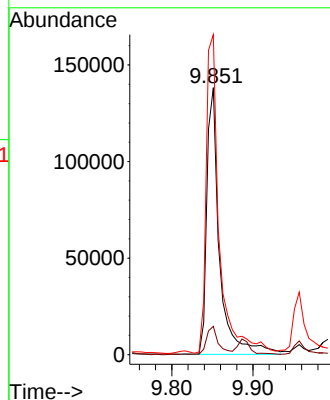
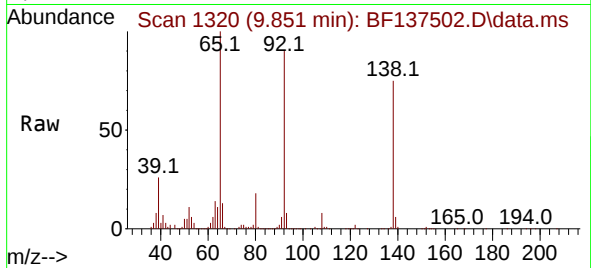




#53
3-Nitroaniline
Concen: 29.415 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

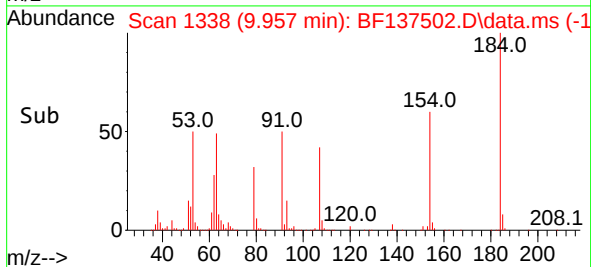
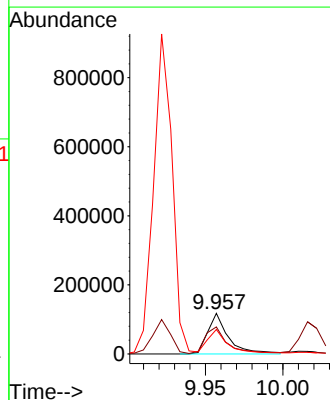
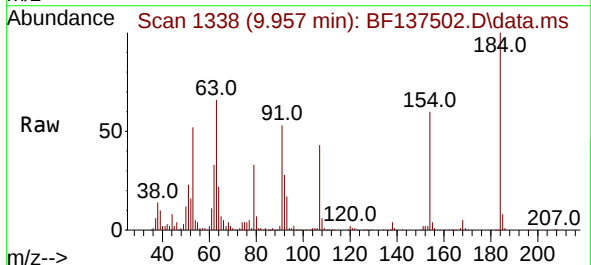
Instrument :
BNA_F
ClientSampleId :
TP-3MS

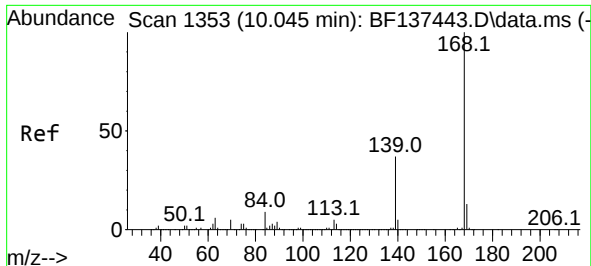
Tgt Ion:138 Resp: 149775
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 119.9 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 50.044 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:184 Resp: 109439
Ion Ratio Lower Upper
184 100
63 66.5 53.3 79.9
154 60.3 47.4 71.0

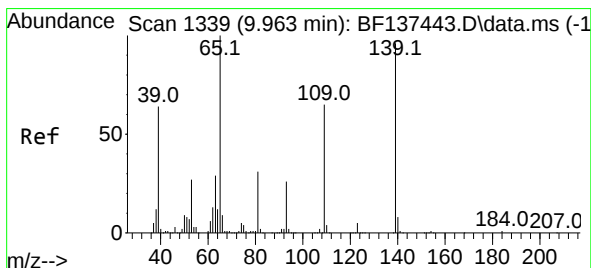
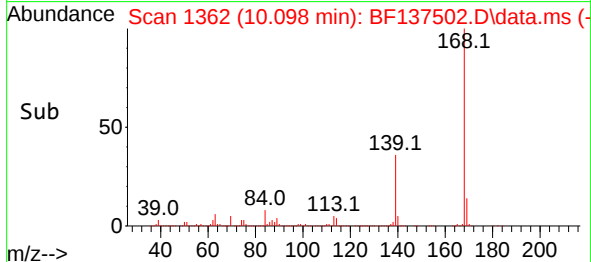
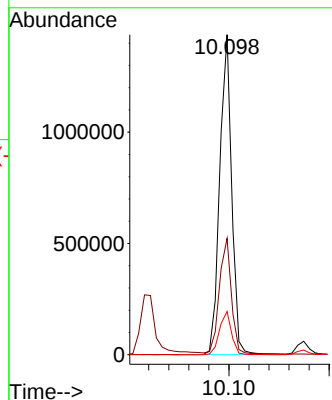
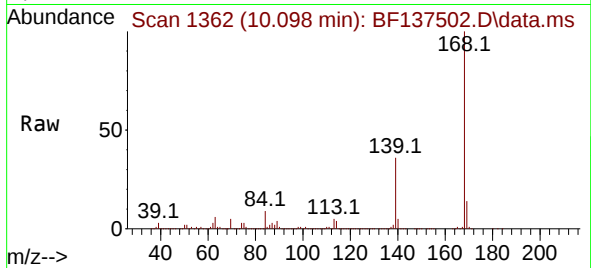




#55
Dibenzenofuran
Concen: 44.250 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

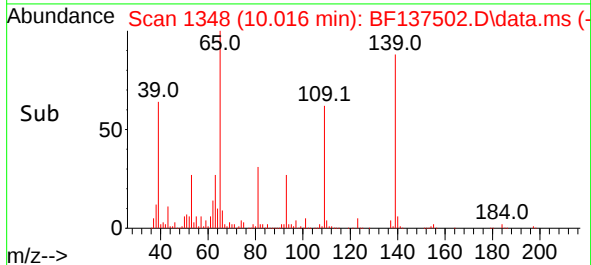
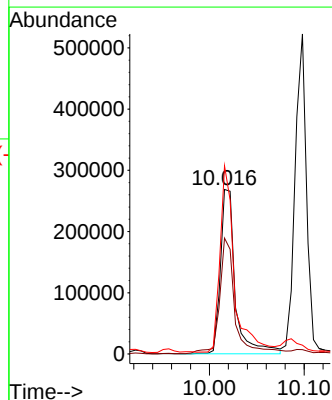
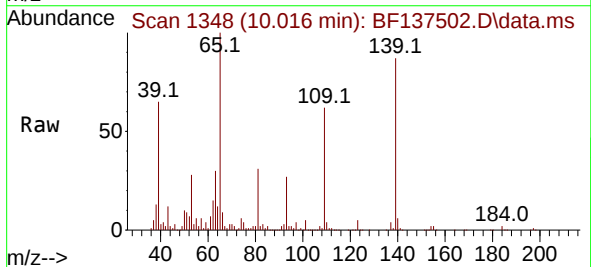
Instrument :
BNA_F
ClientSampleId :
TP-3MS

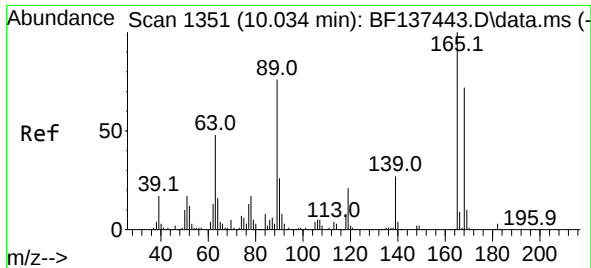
Tgt Ion:168 Resp: 1187971
Ion Ratio Lower Upper
168 100
139 36.4 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 81.301 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:139 Resp: 294801
Ion Ratio Lower Upper
139 100
109 70.4 47.1 87.1
65 114.4 85.1 125.1

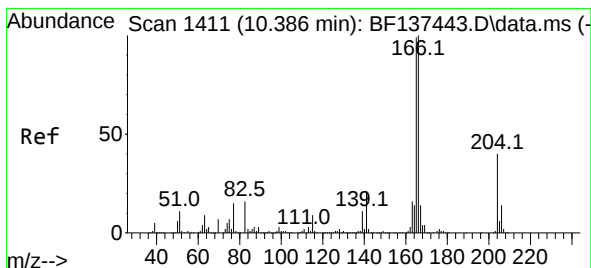
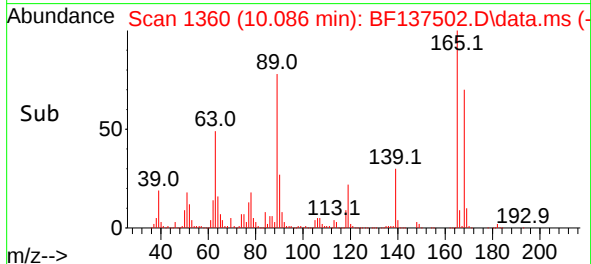
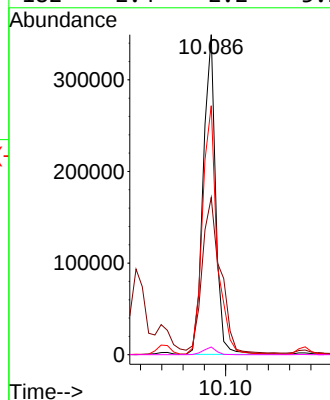
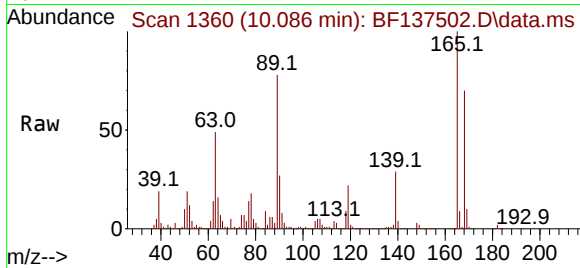




#57
2,4-Dinitrotoluene
Concen: 47.968 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

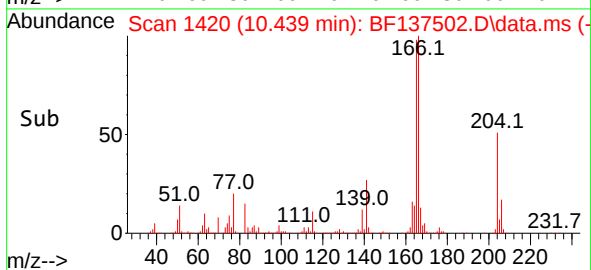
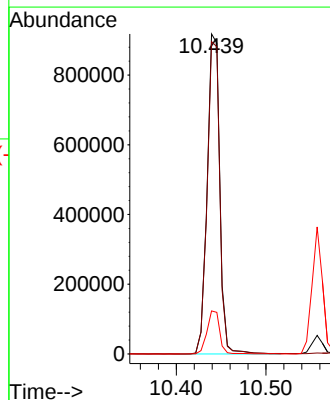
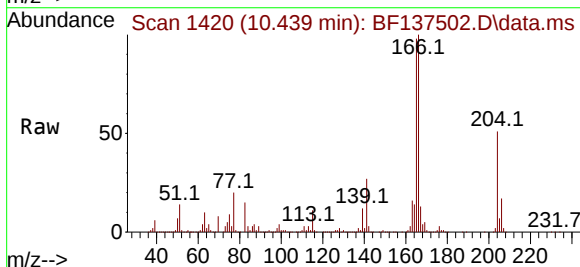
Instrument :
BNA_F
ClientSampleId :
TP-3MS

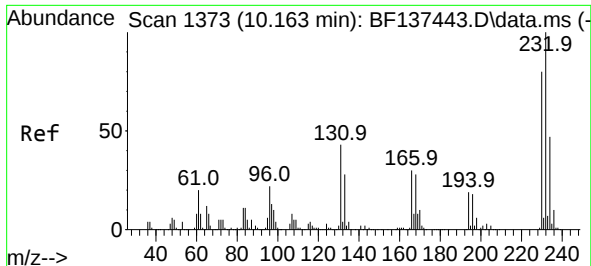
Tgt Ion:165 Resp: 283691
Ion Ratio Lower Upper
165 100
63 49.1 39.0 58.6
89 77.8 60.9 91.3
182 2.4 2.2 3.2



#58
Fluorene
Concen: 43.149 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:166 Resp: 889658
Ion Ratio Lower Upper
166 100
165 97.6 79.2 118.8
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.410 ng

RT: 10.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:232 Resp: 229924

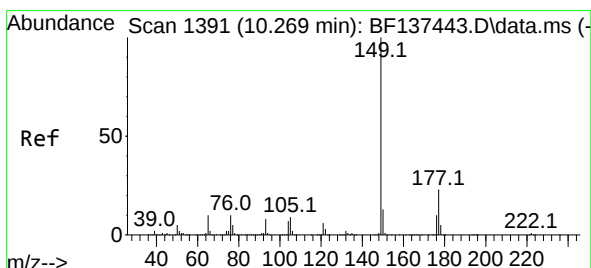
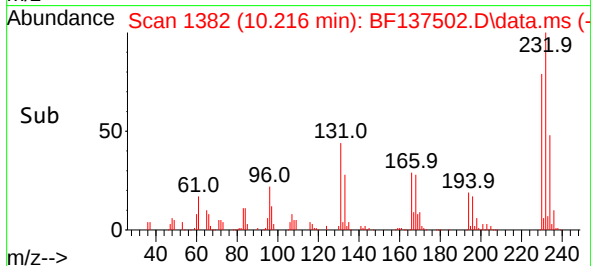
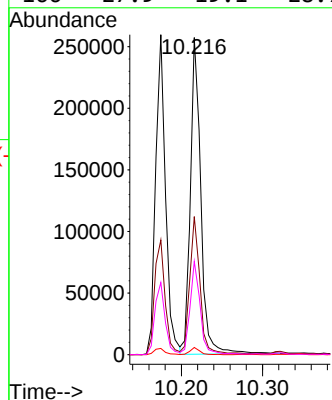
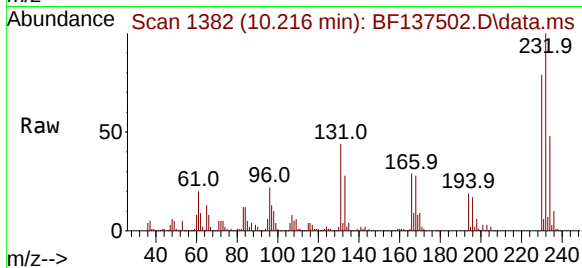
Ion Ratio Lower Upper

232 100

131 42.2 31.2 46.8

130 2.1 1.8 2.6

166 27.9 19.1 28.7



#60

Diethylphthalate

Concen: 44.469 ng

RT: 10.322 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

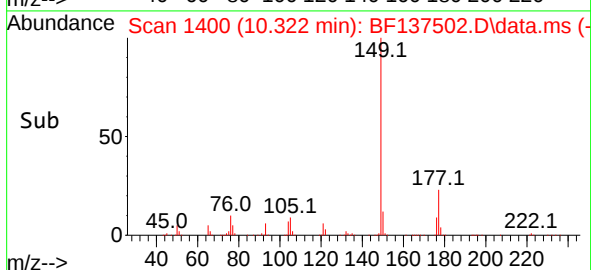
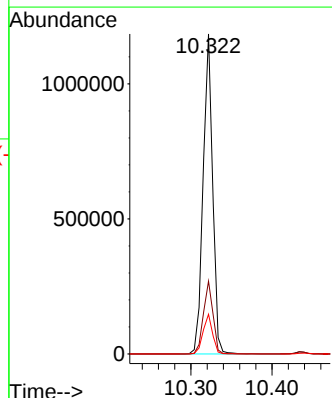
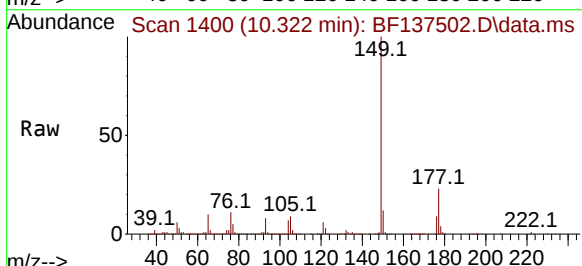
Tgt Ion:149 Resp: 966486

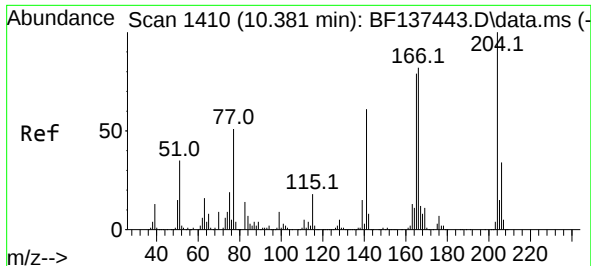
Ion Ratio Lower Upper

149 100

177 22.7 18.7 28.1

150 12.4 10.2 15.4

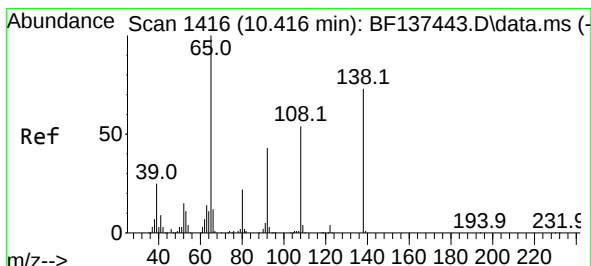
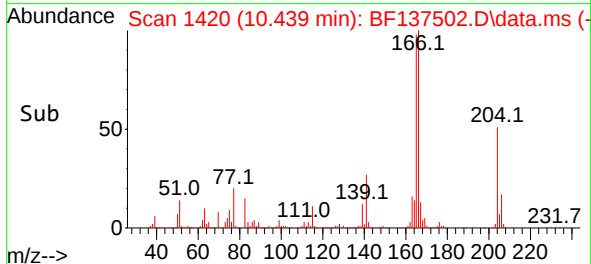
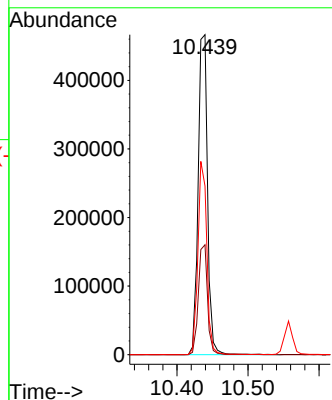
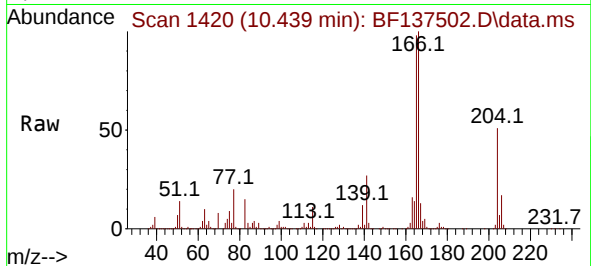




#61
4-Chlorophenyl-phenylether
Concen: 42.590 ng
RT: 10.439 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

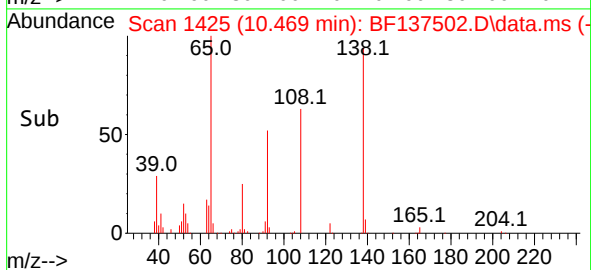
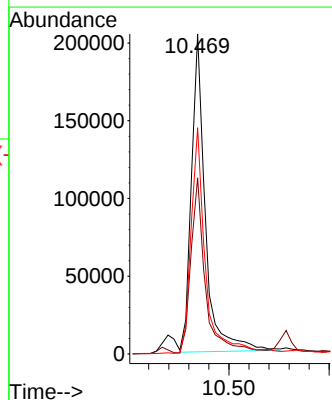
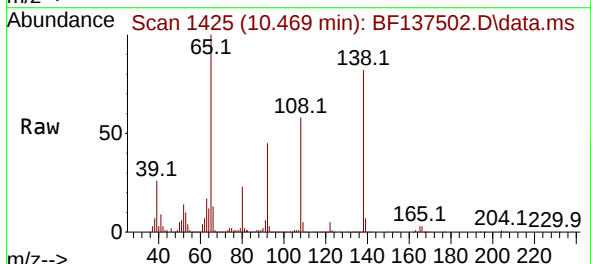
Instrument :
BNA_F
ClientSampleId :
TP-3MS

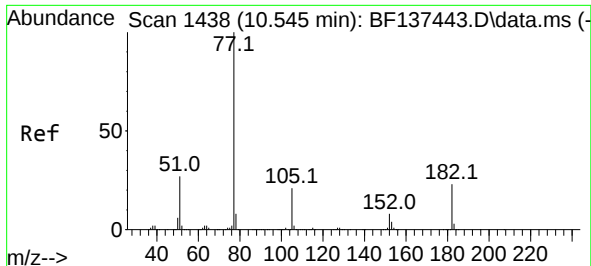
Tgt Ion:204 Resp: 430360
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.0
141 52.7 48.4 72.6



#62
4-Nitroaniline
Concen: 45.064 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:138 Resp: 197214
Ion Ratio Lower Upper
138 100
92 55.0 37.9 77.9
108 70.7 53.2 93.2

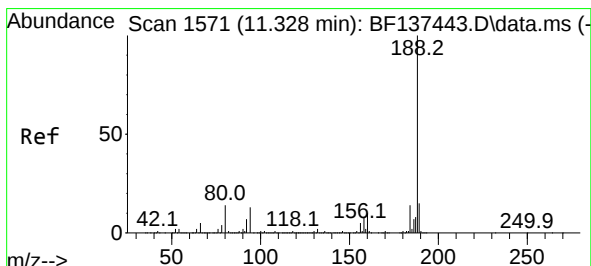
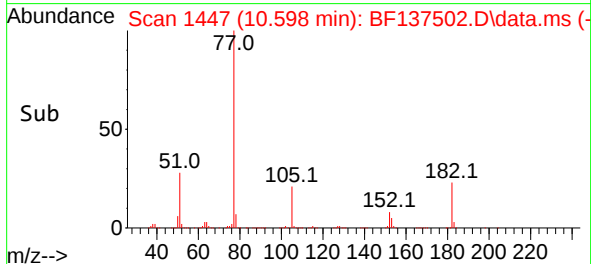
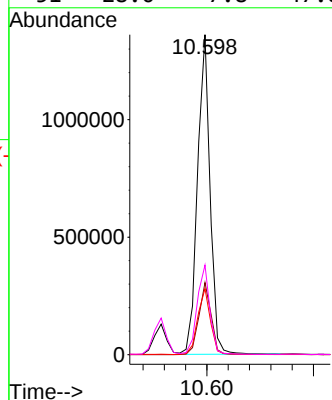
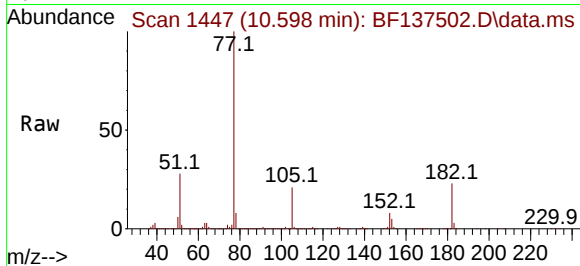




#63
Azobenzene
Concen: 44.466 ng
RT: 10.598 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

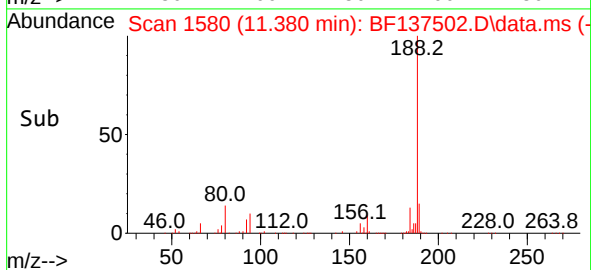
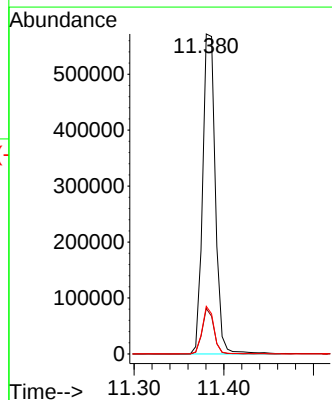
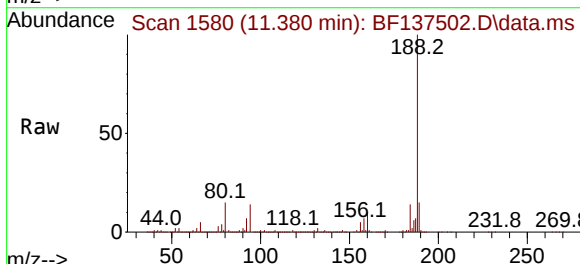
Instrument :
BNA_F
ClientSampleId :
TP-3MS

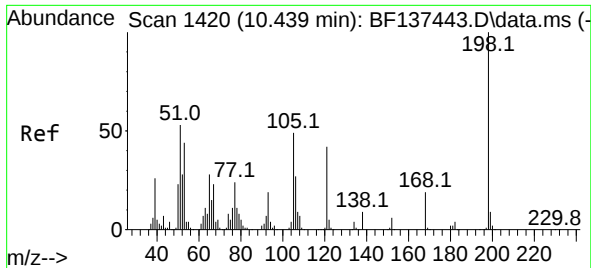
Tgt Ion: 77 Resp: 1112805
Ion Ratio Lower Upper
77 100
182 22.5 3.2 43.2
105 20.6 1.2 41.2
51 28.0 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion: 188 Resp: 562603
Ion Ratio Lower Upper
188 100
94 14.2 10.6 15.8
80 14.9 11.5 17.3

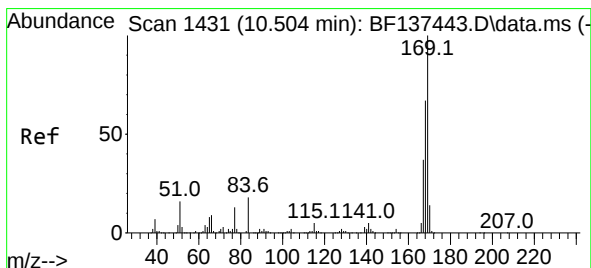
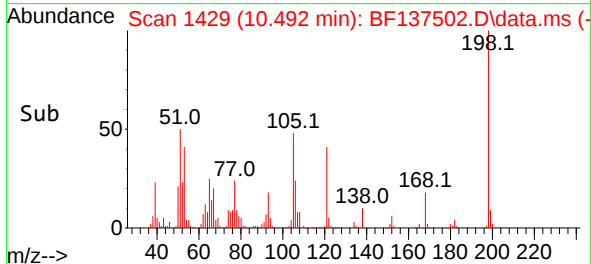
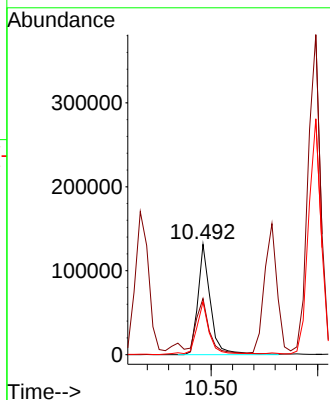
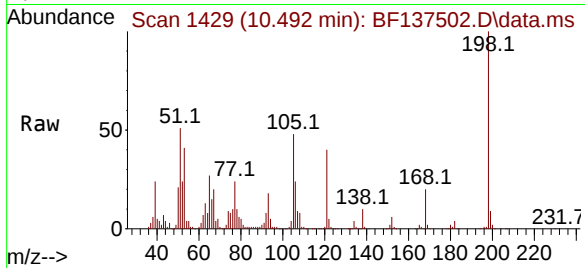




#65
4,6-Dinitro-2-methylphenol
Concen: 34.398 ng
RT: 10.492 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

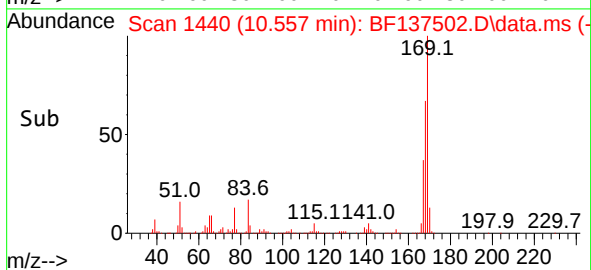
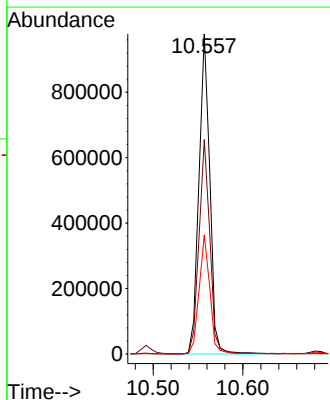
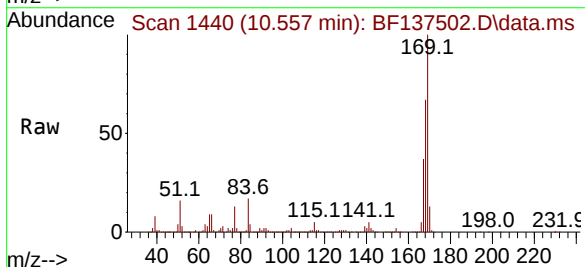
Instrument :
BNA_F
ClientSampleId :
TP-3MS

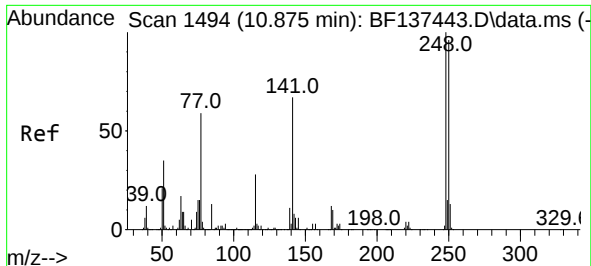
Tgt Ion:198 Resp: 107861
Ion Ratio Lower Upper
198 100
51 50.9 37.2 77.2
105 47.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 45.377 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:169 Resp: 822071
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 37.3 29.6 44.4

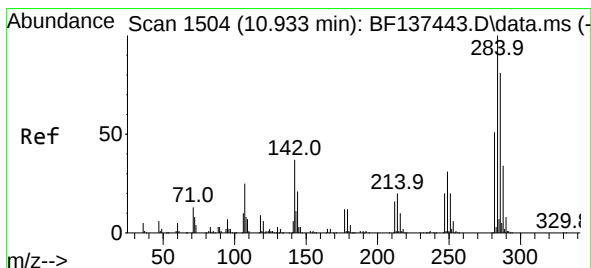
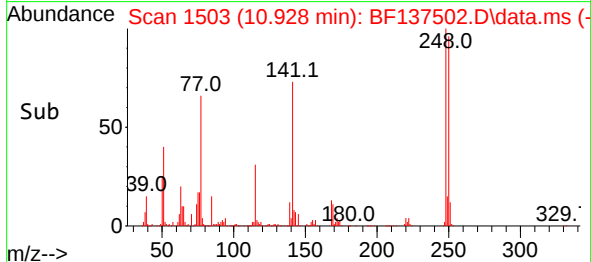
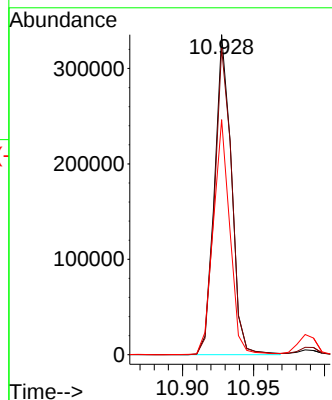
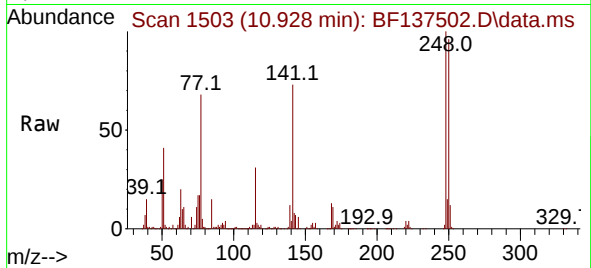




#67
4-Bromophenyl-phenylether
Concen: 45.214 ng
RT: 10.928 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

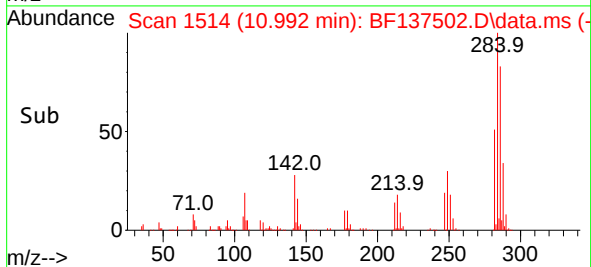
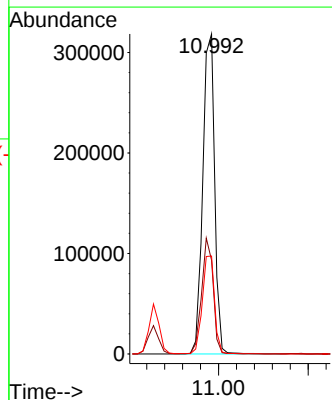
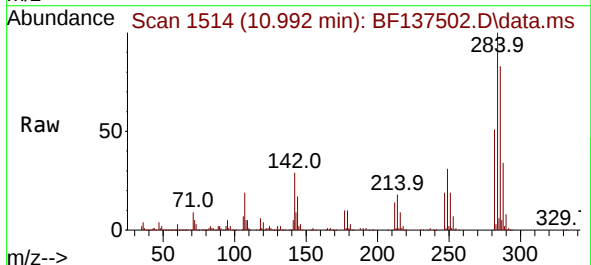
Instrument :
BNA_F
ClientSampleId :
TP-3MS

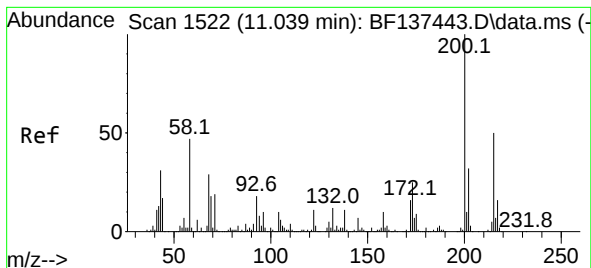
Tgt Ion:248 Resp: 277061
Ion Ratio Lower Upper
248 100
250 95.8 76.8 115.2
141 73.4 53.4 80.0



#68
Hexachlorobenzene
Concen: 47.254 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:284 Resp: 292462
Ion Ratio Lower Upper
284 100
142 29.3 29.4 44.0#
249 30.6 25.0 37.4





#69

Atrazine

Concen: 47.836 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

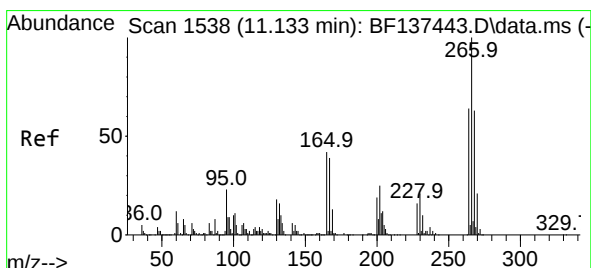
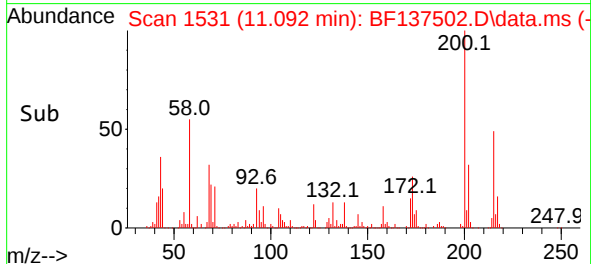
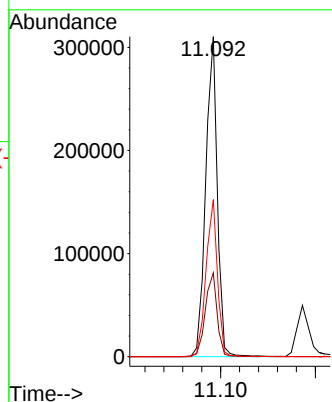
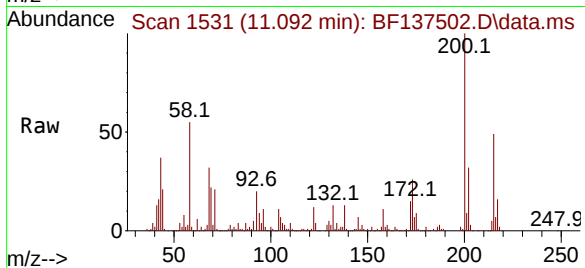
Tgt Ion:200 Resp: 263452

Ion Ratio Lower Upper

200 100

173 26.2 5.1 45.1

215 49.1 30.4 70.4



#70

Pentachlorophenol

Concen: 66.241 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

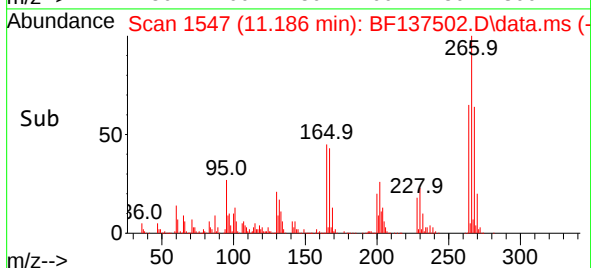
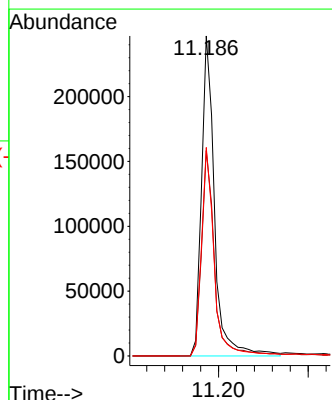
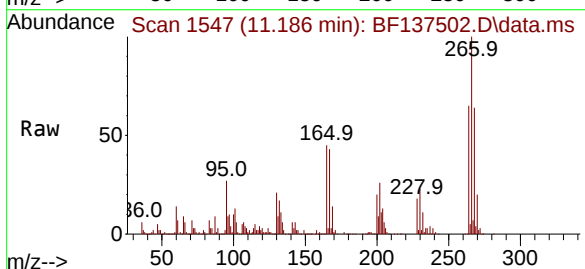
Tgt Ion:266 Resp: 247836

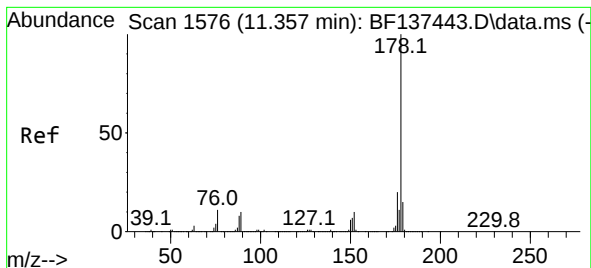
Ion Ratio Lower Upper

266 100

268 64.2 50.2 75.2

264 65.2 50.9 76.3





#71

Phenanthrene

Concen: 44.678 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

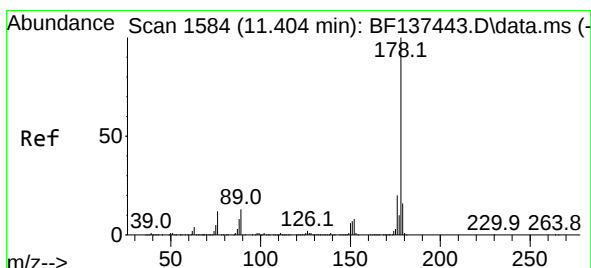
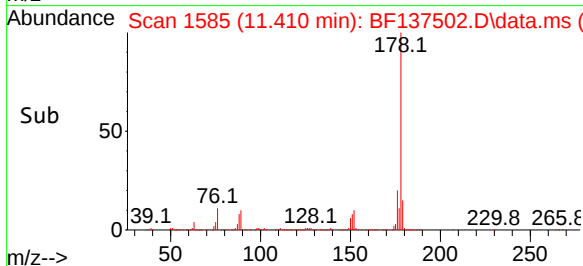
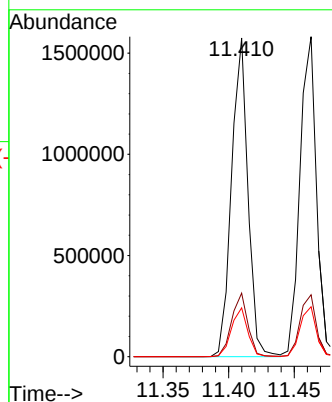
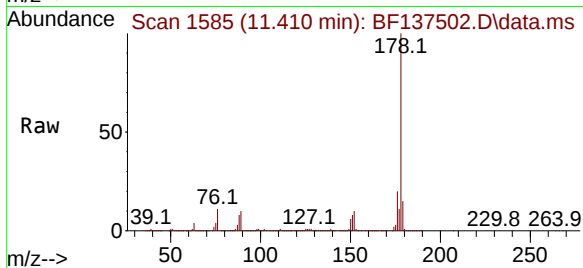
Tgt Ion:178 Resp: 1367963

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.3 12.2 18.2



#72

Anthracene

Concen: 45.030 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

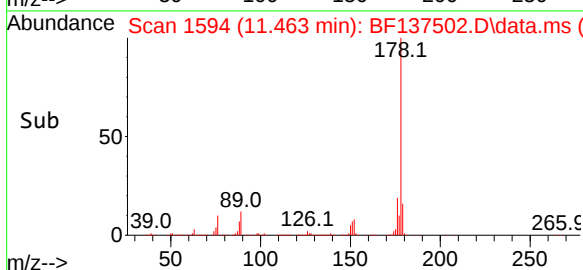
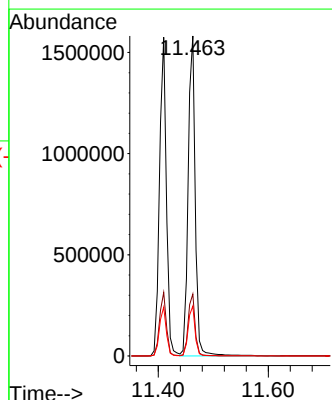
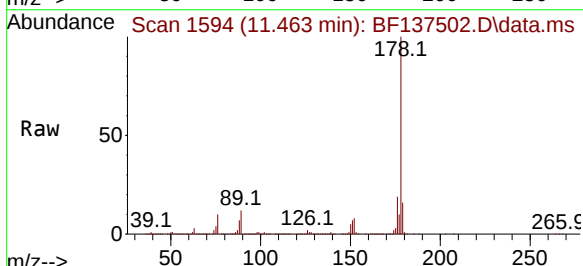
Tgt Ion:178 Resp: 1416047

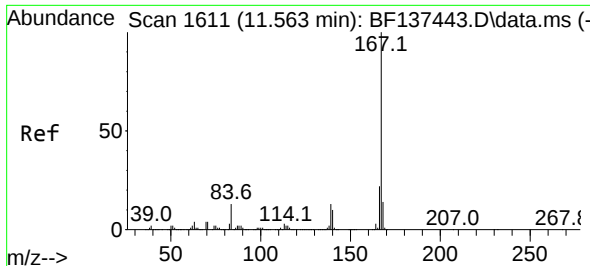
Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

179 15.6 12.7 19.1

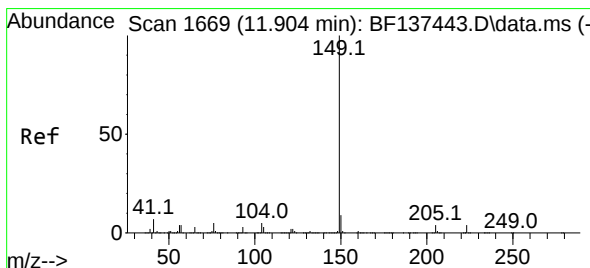
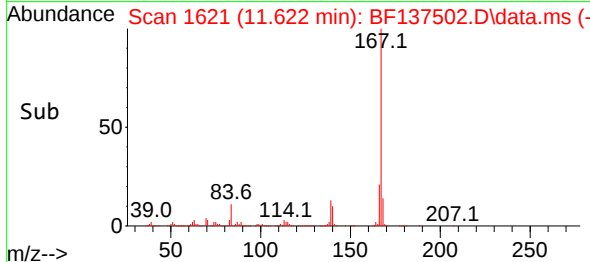
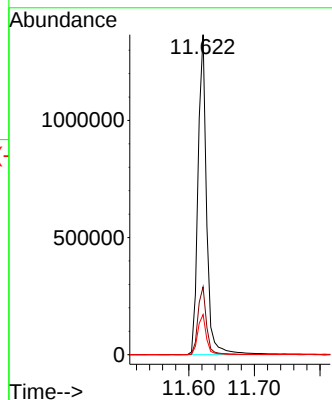
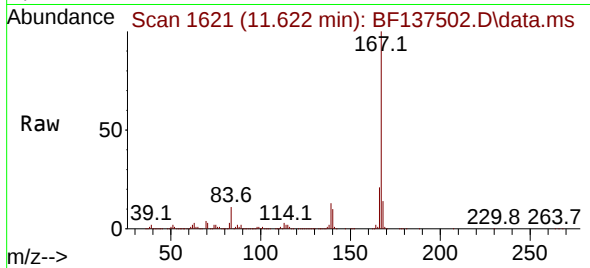




#73
 Carbazole
 Concen: 46.196 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF137502.D
 Acq: 05 Mar 2024 16:01

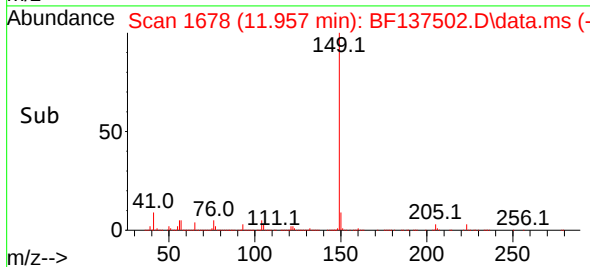
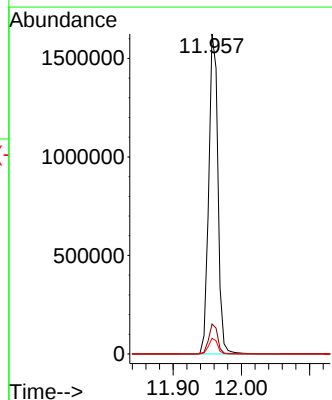
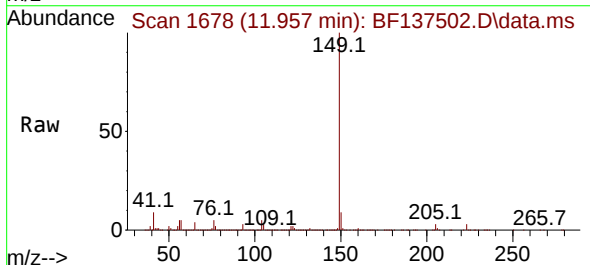
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

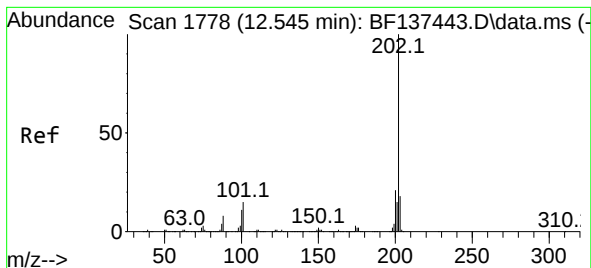
Tgt Ion:167 Resp: 1244333
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.8 26.8
 139 12.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 47.497 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. -0.006 min
 Lab File: BF137502.D
 Acq: 05 Mar 2024 16:01

Tgt Ion:149 Resp: 1522158
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 44.473 ng

RT: 12.604 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

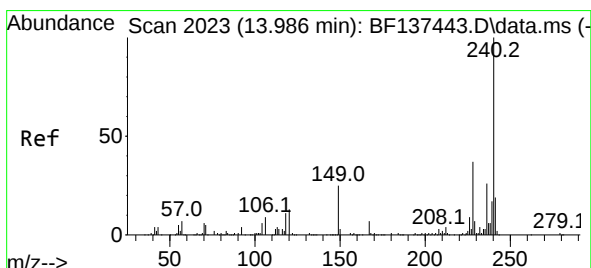
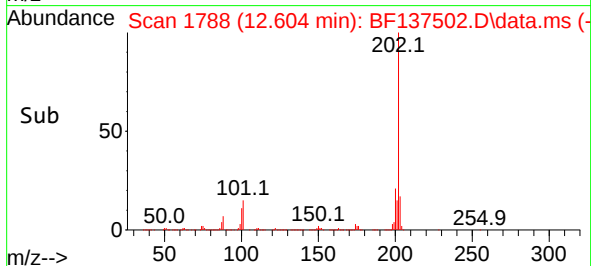
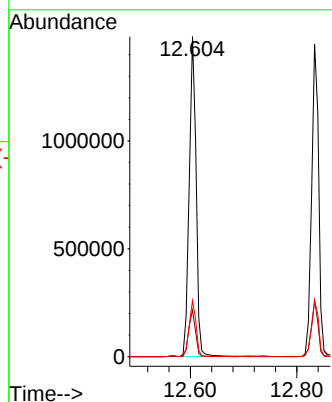
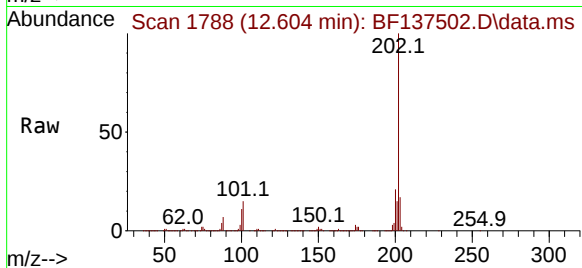
Tgt Ion:202 Resp: 1330999

Ion Ratio Lower Upper

202 100

101 14.6 0.0 35.0

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

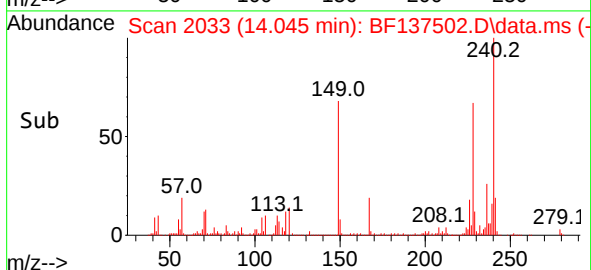
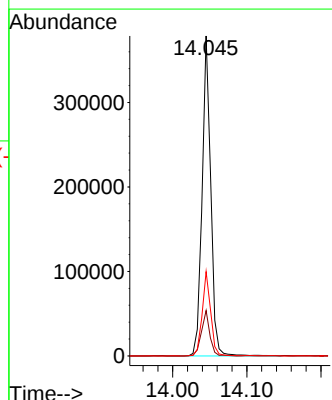
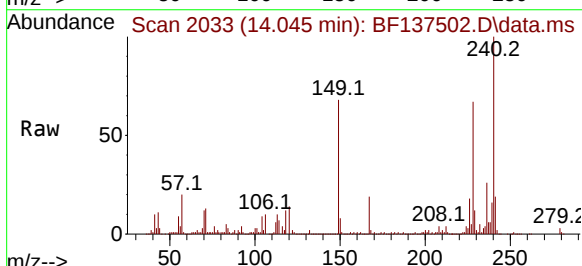
Tgt Ion:240 Resp: 306155

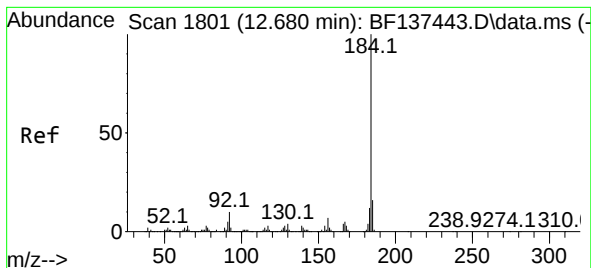
Ion Ratio Lower Upper

240 100

120 14.2 10.4 15.6

236 26.4 20.9 31.3





#77

Benzidine

Concen: 61.087 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

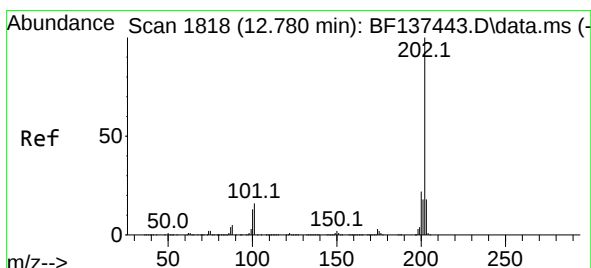
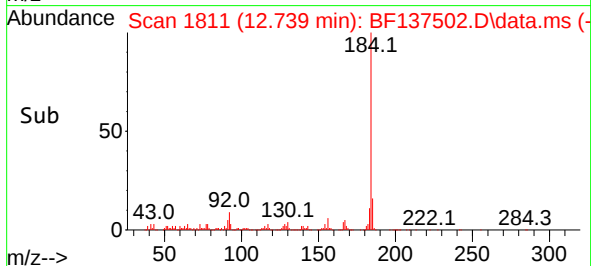
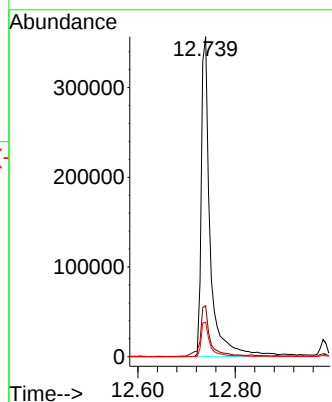
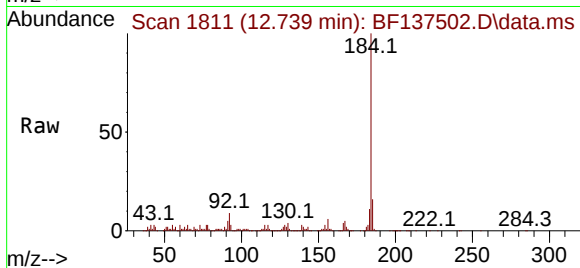
Tgt Ion:184 Resp: 457683

Ion Ratio Lower Upper

184 100

185 15.9 13.2 19.8

183 10.8 9.3 13.9



#78

Pyrene

Concen: 44.452 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

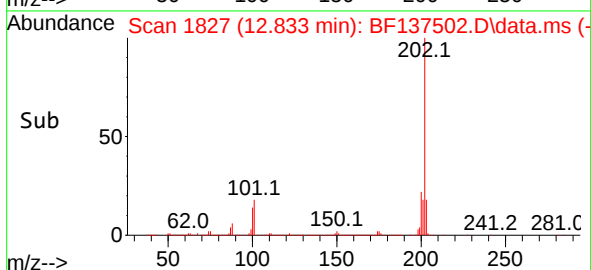
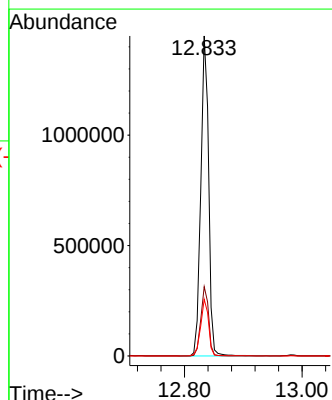
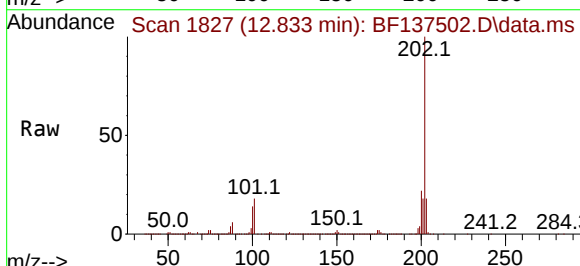
Tgt Ion:202 Resp: 1335380

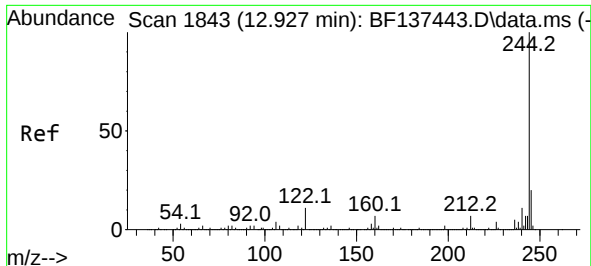
Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 17.7 14.1 21.1

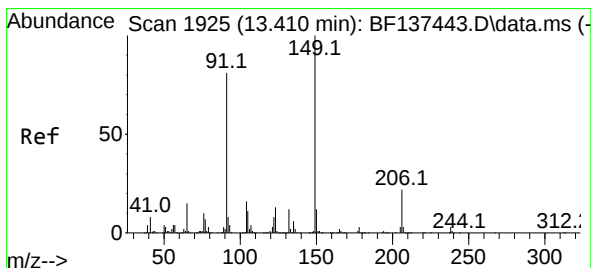
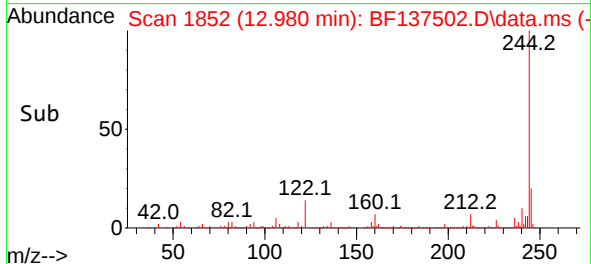
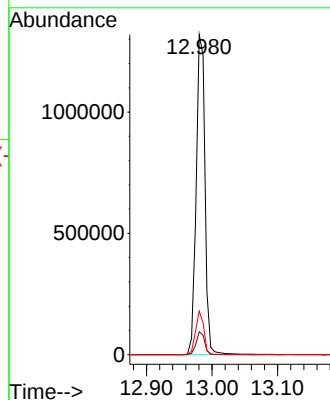
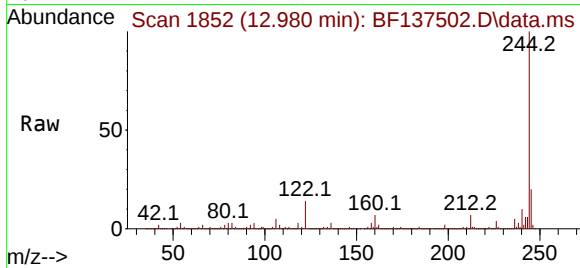




#79
 Terphenyl-d14
 Concen: 55.458 ng
 RT: 12.980 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF137502.D
 Acq: 05 Mar 2024 16:01

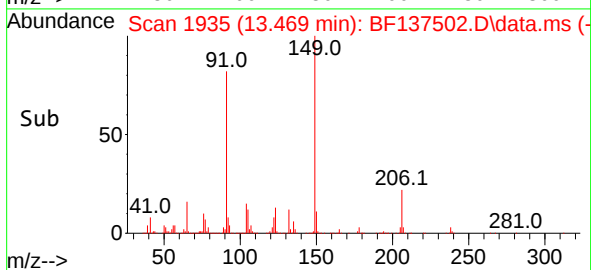
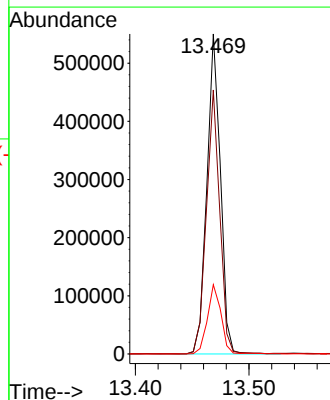
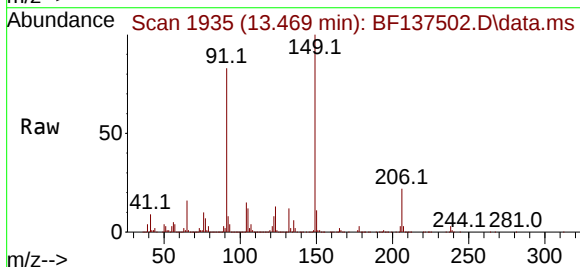
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

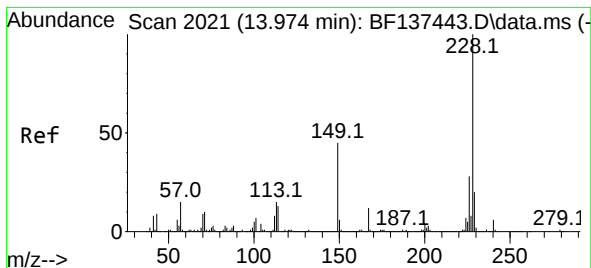
Tgt Ion:244 Resp: 1234729
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 13.7 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 59.241 ng
 RT: 13.469 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF137502.D
 Acq: 05 Mar 2024 16:01

Tgt Ion:149 Resp: 454496
 Ion Ratio Lower Upper
 149 100
 91 82.5 64.7 97.1
 206 21.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 45.784 ng

RT: 14.033 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

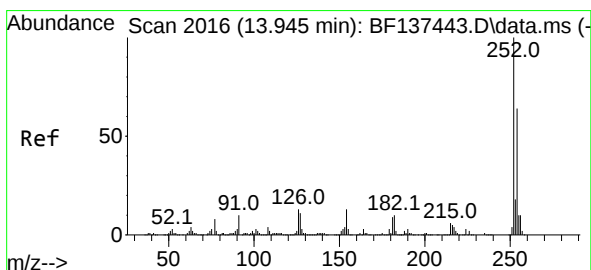
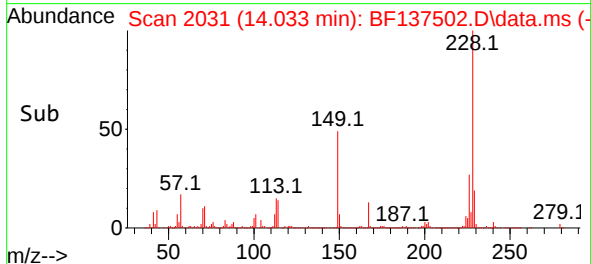
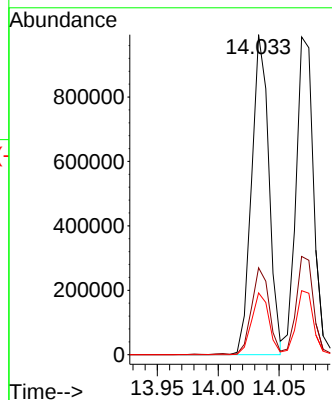
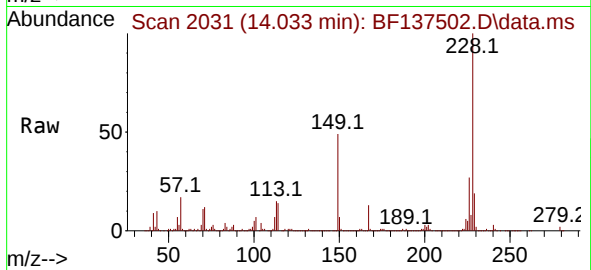
Tgt Ion:228 Resp: 982446

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

229 19.3 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 30.233 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

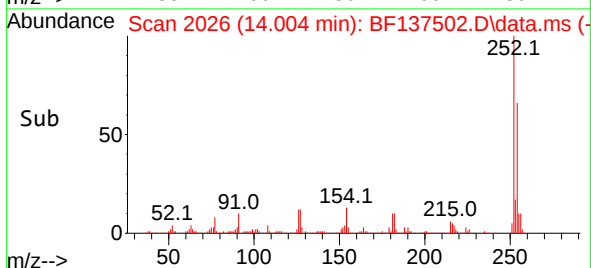
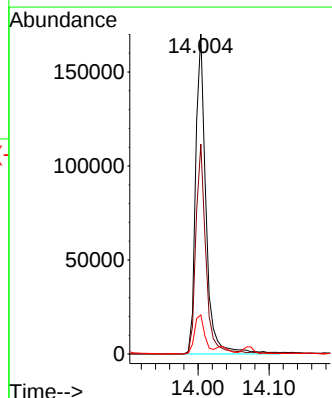
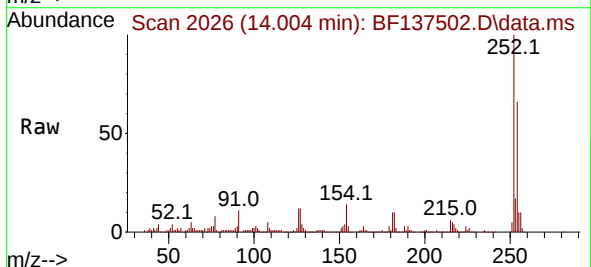
Tgt Ion:252 Resp: 172763

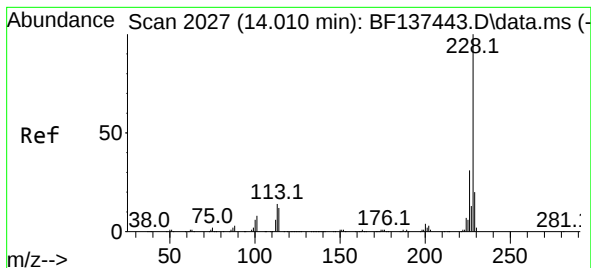
Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.2

126 12.2 10.4 15.6





#83

Chrysene

Concen: 46.364 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

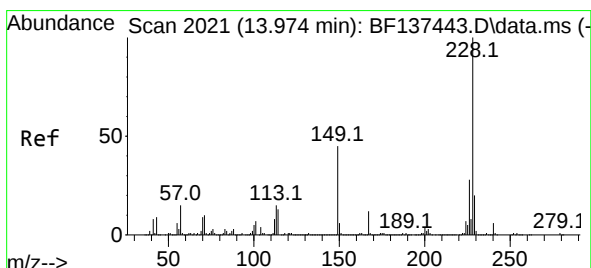
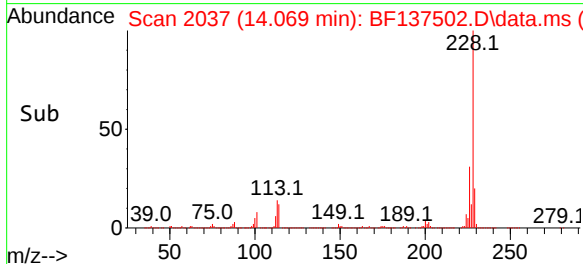
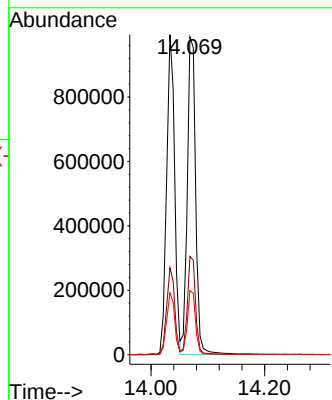
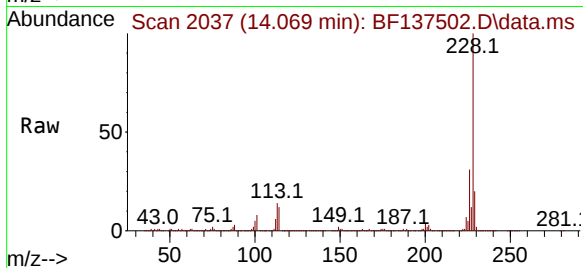
Tgt Ion:228 Resp: 1005533

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.640 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

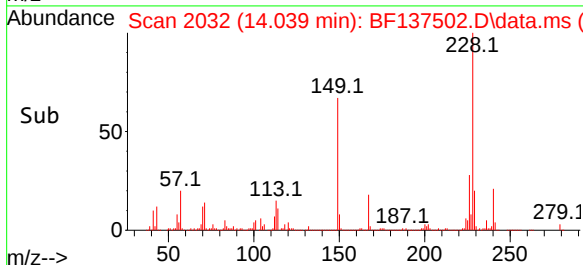
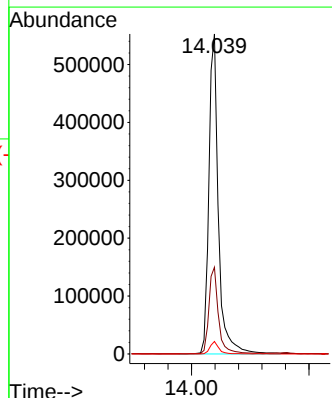
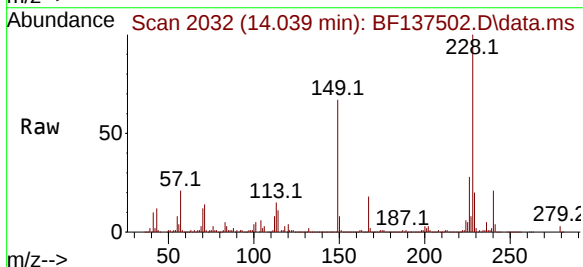
Tgt Ion:149 Resp: 620568

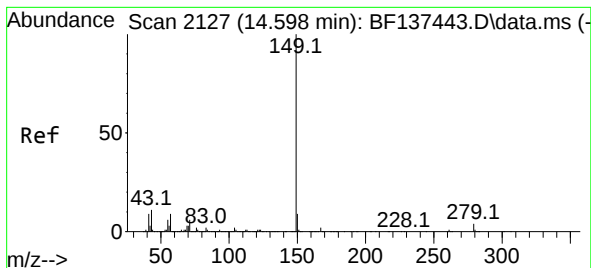
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 3.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 57.421 ng

RT: 14.663 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

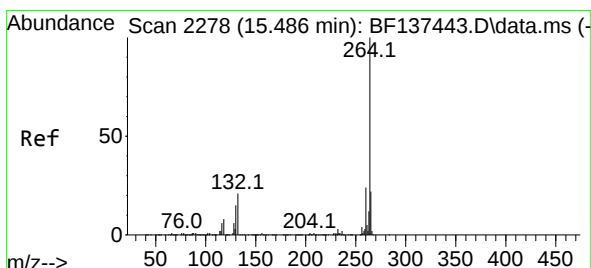
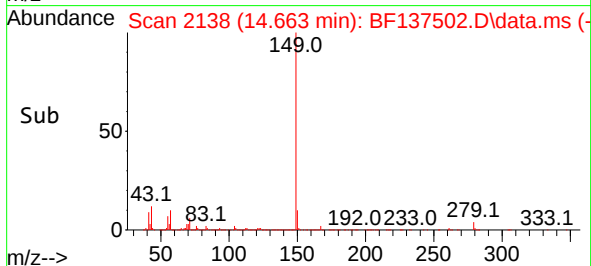
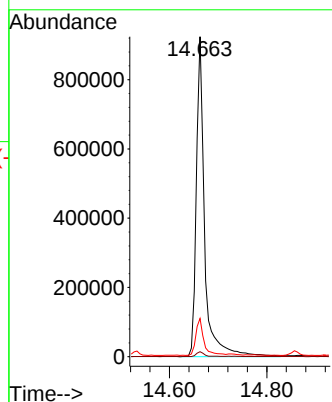
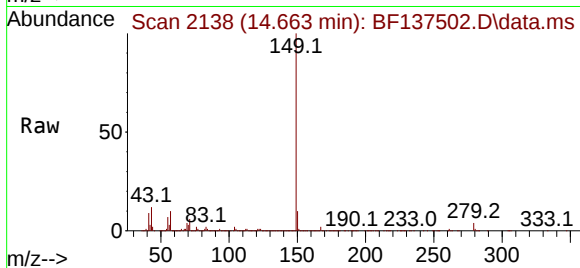
Tgt Ion:149 Resp: 1102550

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

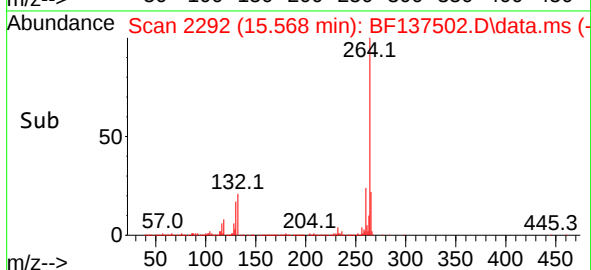
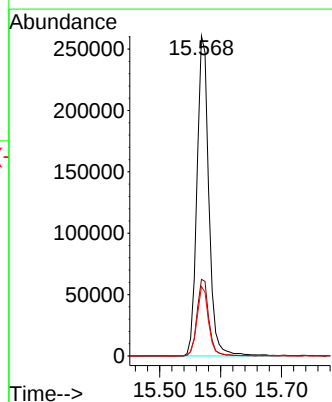
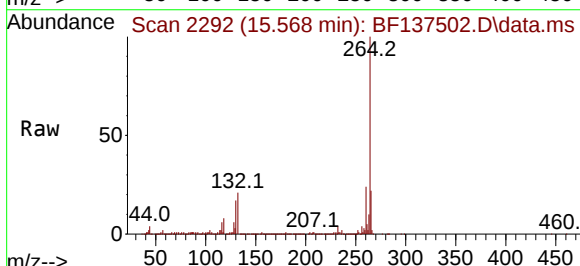
Tgt Ion:264 Resp: 352773

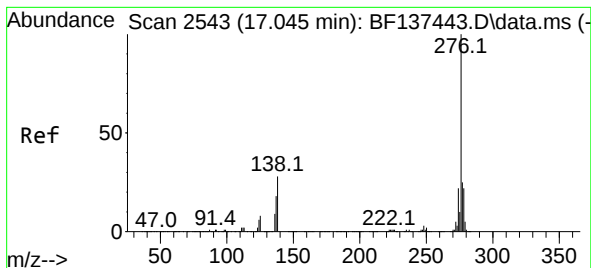
Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.515 ng

RT: 17.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

Instrument :

BNA_F

ClientSampleId :

TP-3MS

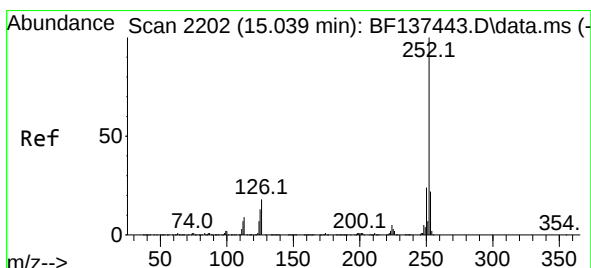
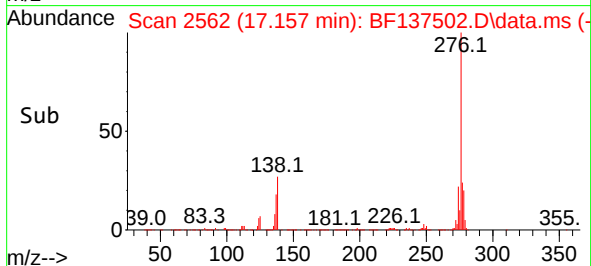
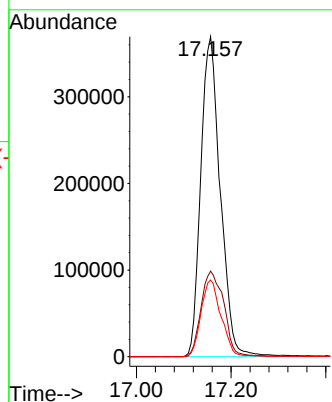
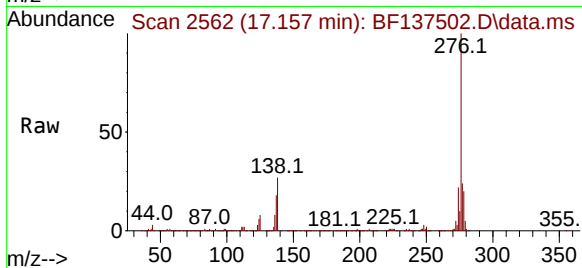
Tgt Ion:276 Resp: 1056638

Ion Ratio Lower Upper

276 100

138 31.1 25.8 38.8

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.692 ng

RT: 15.116 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF137502.D

Acq: 05 Mar 2024 16:01

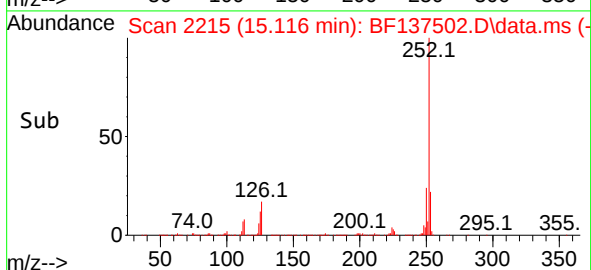
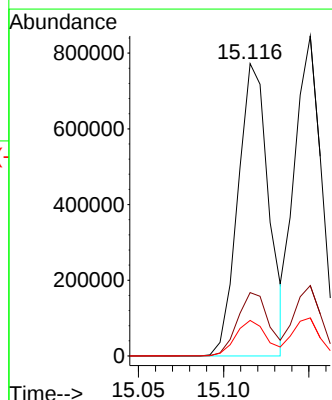
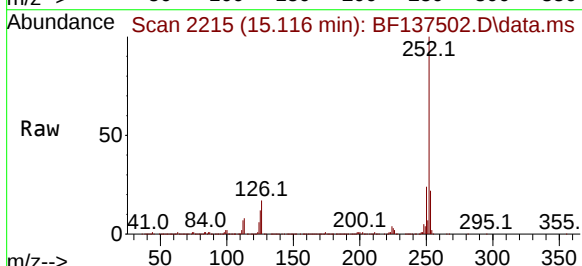
Tgt Ion:252 Resp: 974372

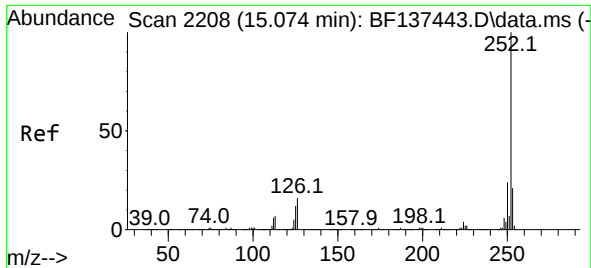
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 12.2 10.1 15.1

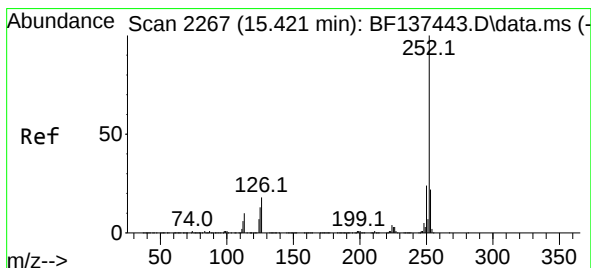
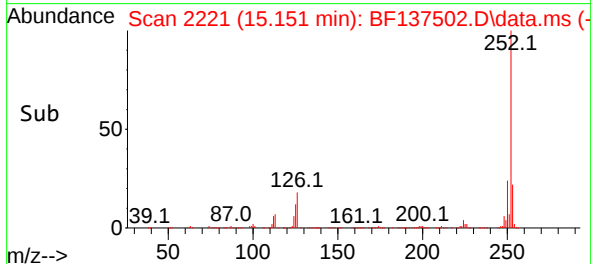
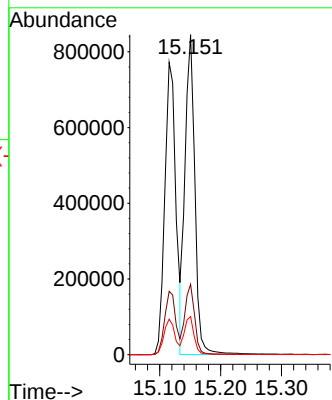
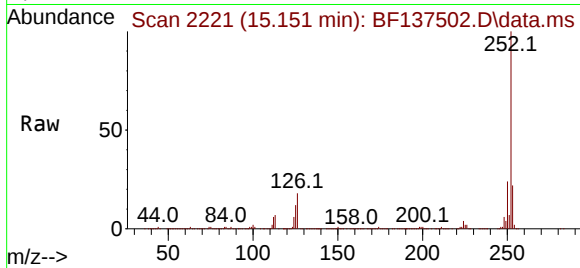




#89
Benzo(k)fluoranthene
Concen: 42.633 ng
RT: 15.151 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

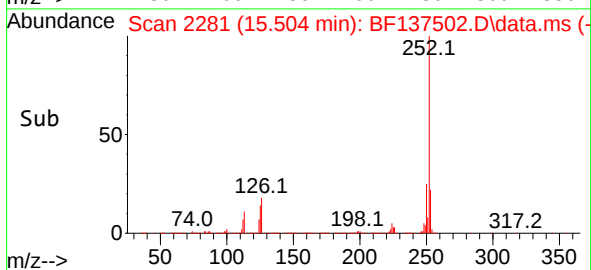
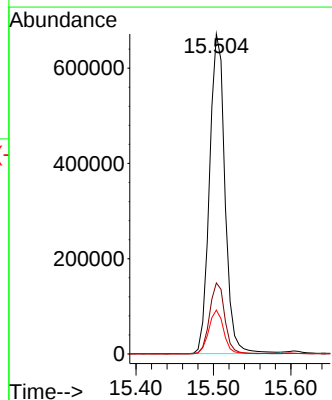
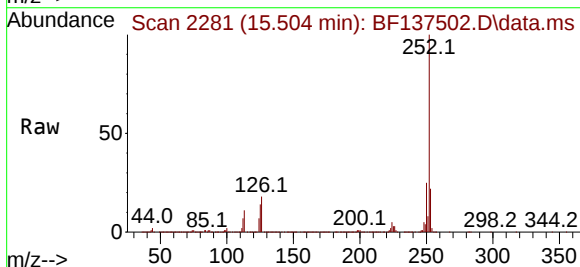
Instrument :
BNA_F
ClientSampleId :
TP-3MS

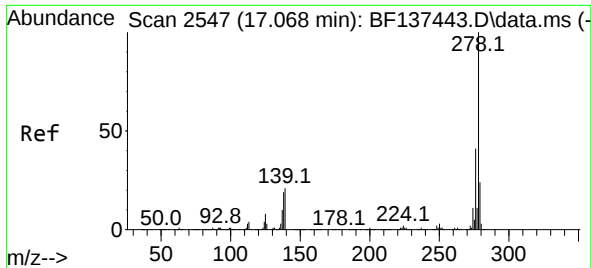
Tgt Ion:252 Resp: 955581
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.9 9.6 14.4



#90
Benzo(a)pyrene
Concen: 45.205 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:252 Resp: 929616
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 13.7 10.4 15.6

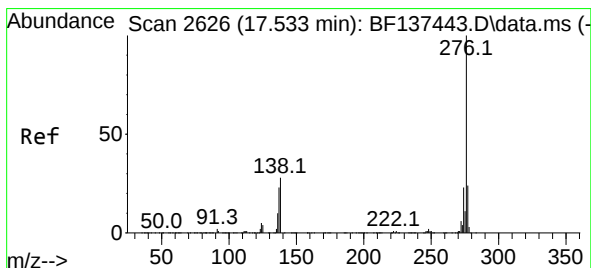
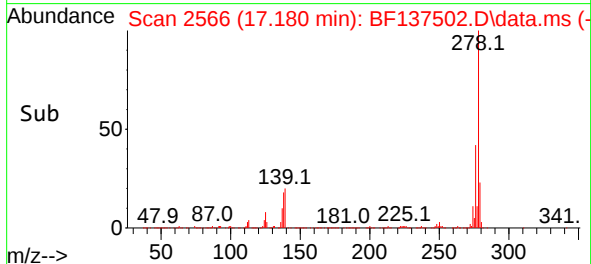
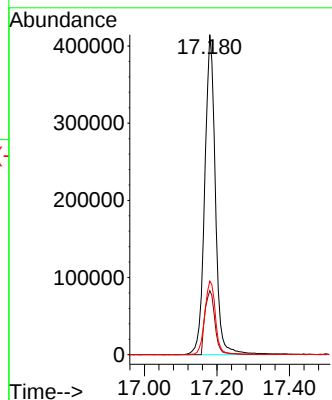
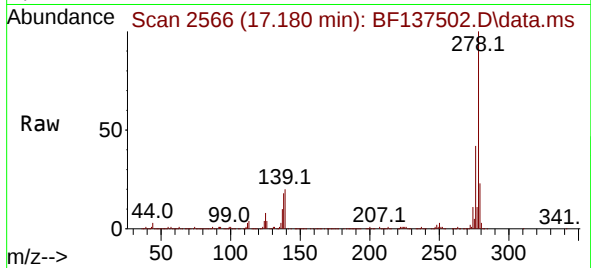




#91
Dibenzo(a,h)anthracene
Concen: 44.951 ng
RT: 17.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:278 Resp: 846521
Ion Ratio Lower Upper
278 100
139 20.0 17.0 25.6
279 23.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.120 ng
RT: 17.639 min Scan# 2644
Delta R.T. 0.000 min
Lab File: BF137502.D
Acq: 05 Mar 2024 16:01

Tgt Ion:276 Resp: 795272
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 27.3 22.2 33.2

