

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137503.D
 Acq On : 05 Mar 2024 16:32
 Operator : CG\JU
 Sample : P1672-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: Mar 05 16:50:53 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	177257	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	691022	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	376519	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	636957	20.000	ng	0.00
76) Chrysene-d12	14.045	240	334315	20.000	ng	0.00
86) Perylene-d12	15.568	264	371646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	958292	81.879	ng	0.00
7) Phenol-d6	6.498	99	1320118	78.142	ng	0.00
23) Nitrobenzene-d5	7.416	82	782285	52.601	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	260034	78.644	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1291146	53.679	ng	0.00
79) Terphenyl-d14	12.986	244	1335859	54.947	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	256401	40.066	ng	99
3) Pyridine	3.481	79	584369	37.863	ng	99
4) n-Nitrosodimethylamine	3.457	42	281817	45.308	ng	100
6) Aniline	6.528	93	573682	27.791	ng	99
8) 2-Chlorophenol	6.645	128	557096	45.130	ng	98
9) Benzaldehyde	6.410	77	302893	36.597	ng	98
10) Phenol	6.510	94	793063	43.614	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	574100	43.085	ng	99
12) 1,3-Dichlorobenzene	6.798	146	584787	44.333	ng	97
13) 1,4-Dichlorobenzene	6.875	146	606661	44.950	ng	99
14) 1,2-Dichlorobenzene	7.022	146	568458	45.889	ng	98
15) Benzyl Alcohol	6.998	79	513708	48.844	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	949420	41.452	ng	99
17) 2-Methylphenol	7.116	107	444981	38.523	ng	99
18) Hexachloroethane	7.363	117	205608	46.267	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	411541	39.449	ng	98
20) 3+4-Methylphenols	7.263	107	536829	40.579	ng	# 89
22) Acetophenone	7.263	105	731261	43.737	ng	# 98
24) Nitrobenzene	7.434	77	640789	42.891	ng	100
25) Isophorone	7.675	82	1196663	42.353	ng	98
26) 2-Nitrophenol	7.751	139	278431	46.942	ng	96
27) 2,4-Dimethylphenol	7.792	122	392891	35.450	ng	97
28) bis(2-Chloroethoxy)met...	7.886	93	719353	43.392	ng	99
29) 2,4-Dichlorophenol	7.992	162	453752	44.610	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	473492	44.235	ng	99
31) Naphthalene	8.151	128	1567119	42.268	ng	100
32) Benzoic acid	7.892	122	90359	18.598	ng	96
33) 4-Chloroaniline	8.204	127	204886	14.093	ng	97
34) Hexachlorobutadiene	8.269	225	274073	43.370	ng	100
35) Caprolactam	8.575	113	104205	30.213	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	491749	43.251	ng	98
37) 2-Methylnaphthalene	8.845	142	975579	41.276	ng	99
38) 1-Methylnaphthalene	8.945	142	907378	40.766	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	473314	45.028	ng	99
41) Hexachlorocyclopentadiene	8.998	237	344687	80.316	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	302883	44.248	ng	94

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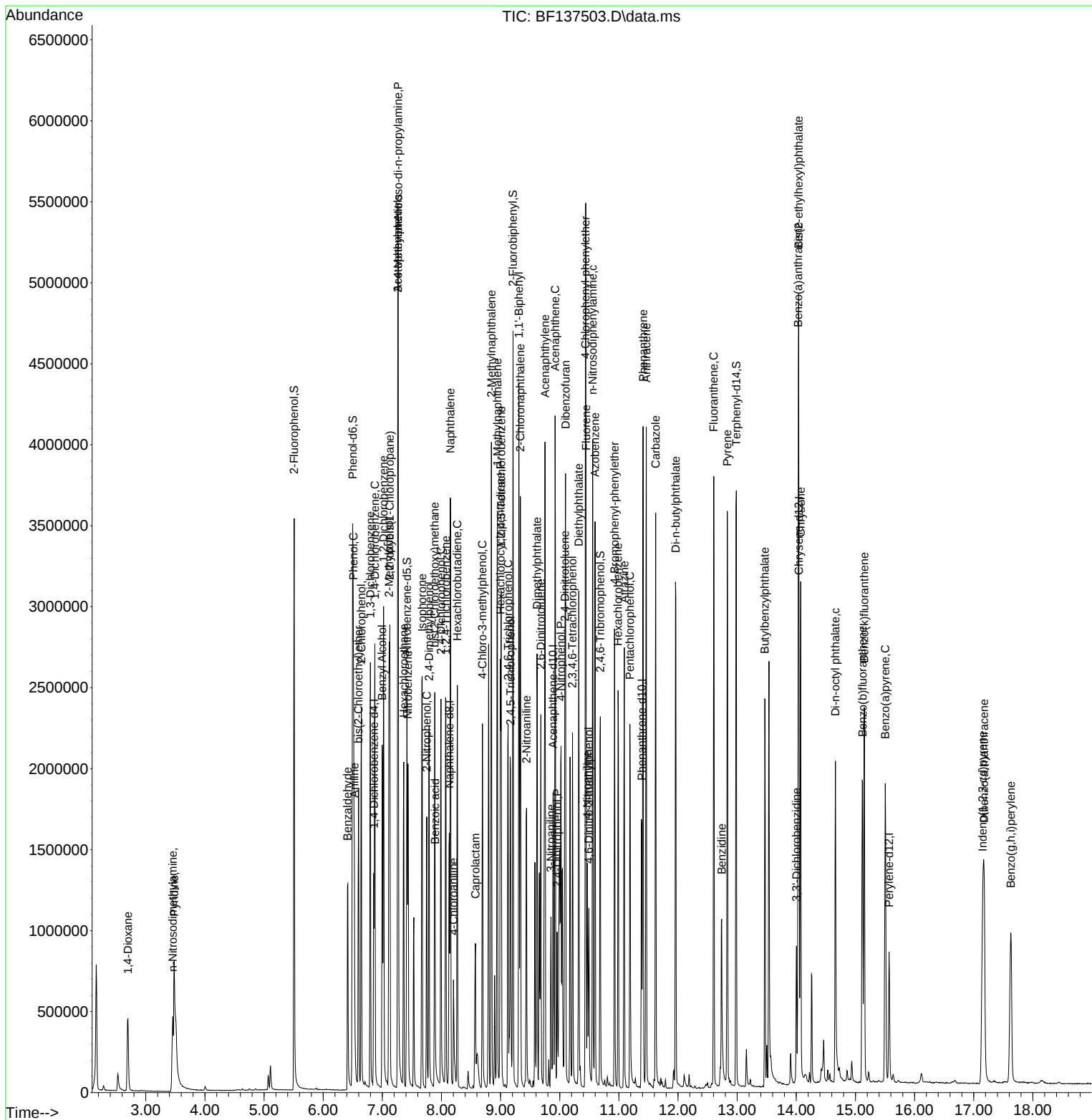
Instrument :
 BNA_F
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 TP-3MSD

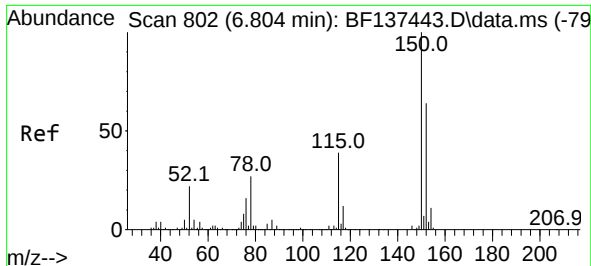
Quant Time: Mar 05 16:50:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	325313	41.256	ng	98
46) 1,1'-Biphenyl	9.310	154	1217464	44.178	ng	98
47) 2-Chloronaphthalene	9.333	162	943734	44.917	ng	99
48) 2-Nitroaniline	9.439	65	329538	46.145	ng	99
49) Acenaphthylene	9.751	152	1518393	45.158	ng	100
50) Dimethylphthalate	9.616	163	1134859	43.299	ng	99
51) 2,6-Dinitrotoluene	9.680	165	245089	44.707	ng	94
52) Acenaphthene	9.922	154	838184	41.755	ng	99
53) 3-Nitroaniline	9.851	138	165844	28.600	ng	94
54) 2,4-Dinitrophenol	9.957	184	118686	48.049	ng	96
55) Dibenzofuran	10.098	168	1301303	42.562	ng	99
56) 4-Nitrophenol	10.022	139	322382	78.250	ng	97
57) 2,4-Dinitrotoluene	10.086	165	313883	46.604	ng	97
58) Fluorene	10.445	166	968241	41.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	258030	40.807	ng	94
60) Diethylphthalate	10.322	149	1070325	43.244	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	467229	40.602	ng	99
62) 4-Nitroaniline	10.469	138	214582	43.056	ng	97
63) Azobenzene	10.598	77	1217045	42.703	ng	100
65) 4,6-Dinitro-2-methylph...	10.492	198	125205	35.268	ng	95
66) n-Nitrosodiphenylamine	10.557	169	892496	43.513	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	303032	43.680	ng	96
68) Hexachlorobenzene	10.986	284	325540	46.459	ng	99
69) Atrazine	11.092	200	285684	45.818	ng	96
70) Pentachlorophenol	11.186	266	272410	64.310	ng	100
71) Phenanthrene	11.410	178	1487375	42.908	ng	99
72) Anthracene	11.463	178	1532941	43.057	ng	100
73) Carbazole	11.622	167	1340930	43.971	ng	99
74) Di-n-butylphthalate	11.963	149	1654324	45.595	ng	100
75) Fluoranthene	12.604	202	1445071	42.648	ng	100
77) Benzidine	12.739	184	500291	61.149	ng	97
78) Pyrene	12.833	202	1438435	43.850	ng	100
80) Butylbenzylphthalate	13.468	149	488588	58.320	ng	97
81) Benzo(a)anthracene	14.033	228	1051432	44.872	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	196847	31.546	ng	99
83) Chrysene	14.074	228	1050065	44.339	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	666802	62.621	ng	99
85) Di-n-octyl phthalate	14.663	149	1173406	56.106	ng	98
87) Indeno(1,2,3-cd)pyrene	17.151	276	1063486	43.484	ng	98
88) Benzo(b)fluoranthene	15.121	252	978372	44.503	ng	99
89) Benzo(k)fluoranthene	15.151	252	992795	42.044	ng	99
90) Benzo(a)pyrene	15.504	252	948452	43.779	ng	100
91) Dibenzo(a,h)anthracene	17.174	278	850887	42.888	ng	98
92) Benzo(g,h,i)perylene	17.627	276	802028	39.363	ng	99

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

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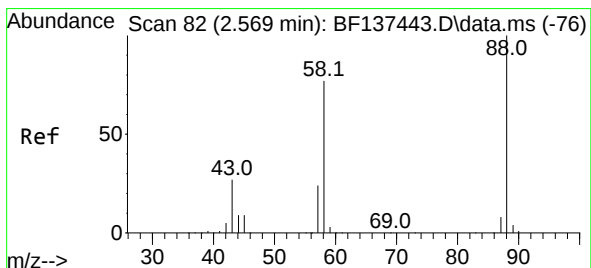
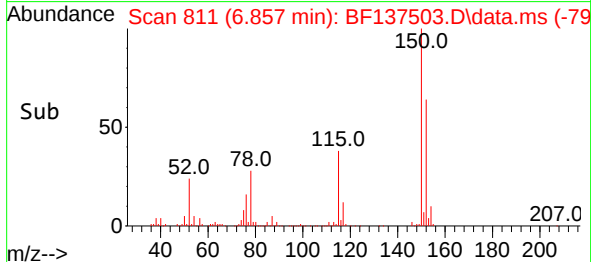
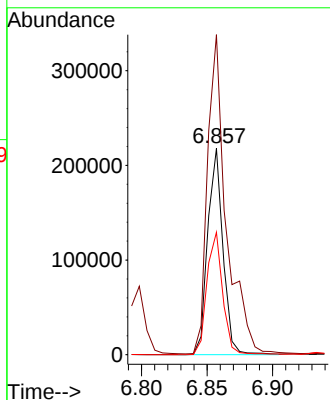
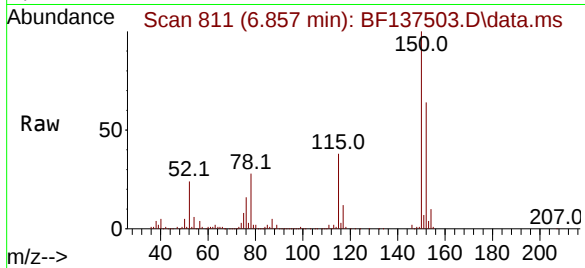




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF137503.D
 Acq: 05 Mar 2024 16:32

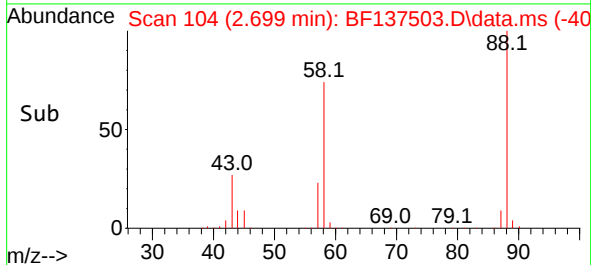
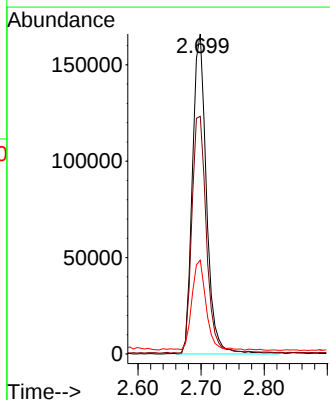
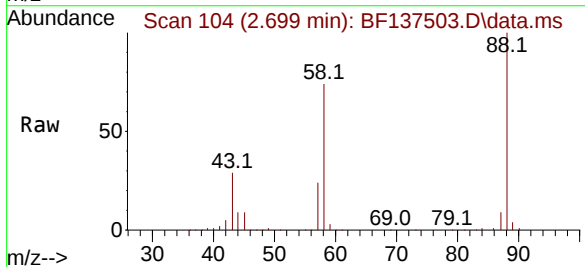
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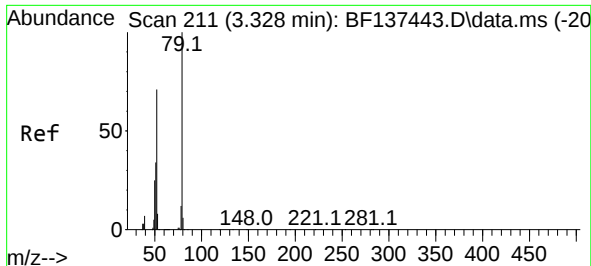
Tgt Ion:152 Resp: 177257
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.8 188.6
 115 59.3 48.8 73.2



#2
 1,4-Dioxane
 Concen: 40.066 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.024 min
 Lab File: BF137503.D
 Acq: 05 Mar 2024 16:32

Tgt Ion: 88 Resp: 256401
 Ion Ratio Lower Upper
 88 100
 58 76.0 61.8 92.8
 43 28.4 22.2 33.4

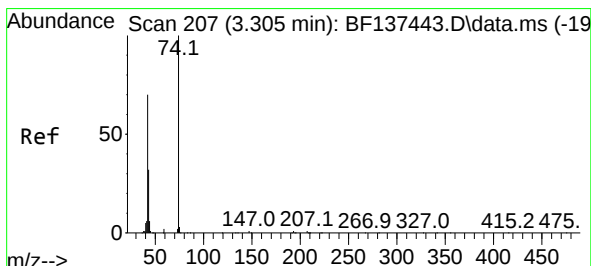
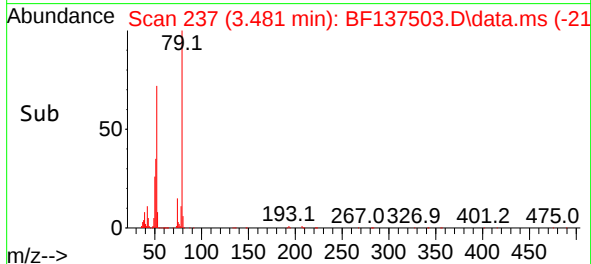
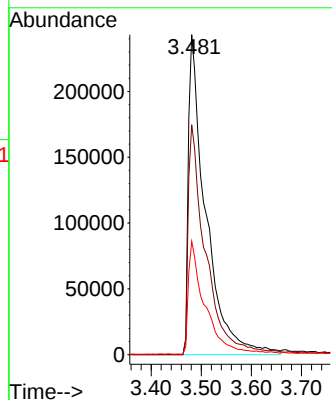
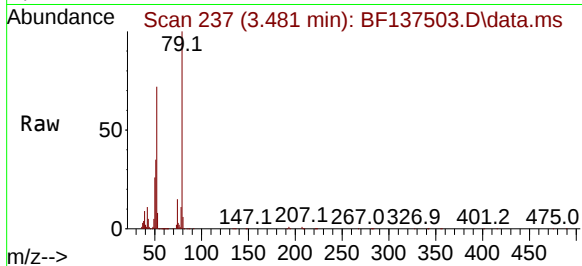




#3
Pyridine
Concen: 37.863 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.018 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

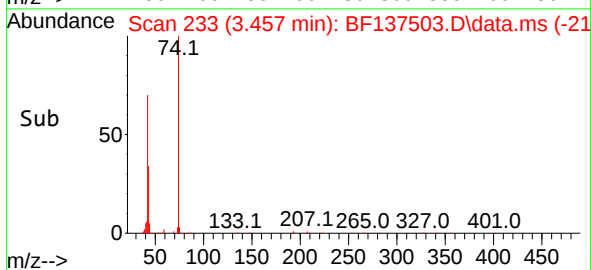
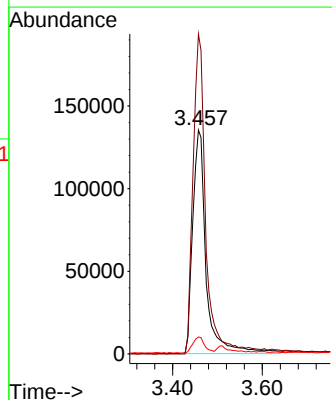
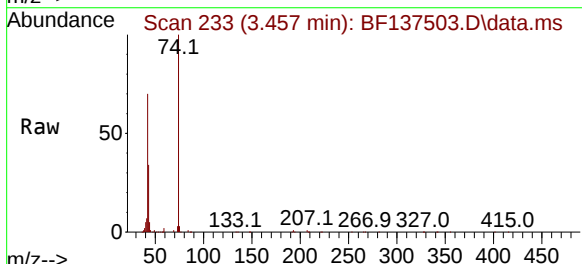
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

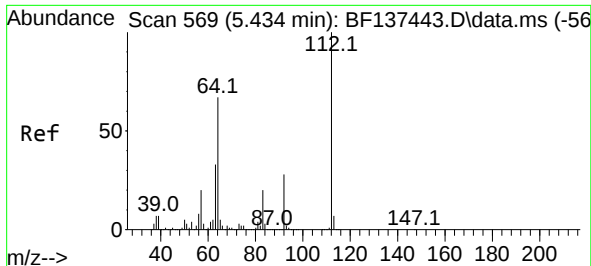
Tgt Ion: 79 Resp: 584369
Ion Ratio Lower Upper
79 100
52 71.8 57.0 85.4
51 35.4 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 45.308 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.012 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion: 42 Resp: 281817
Ion Ratio Lower Upper
42 100
74 142.8 114.0 171.0
44 7.6 7.0 10.4

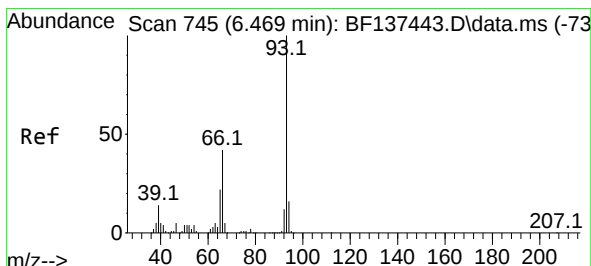
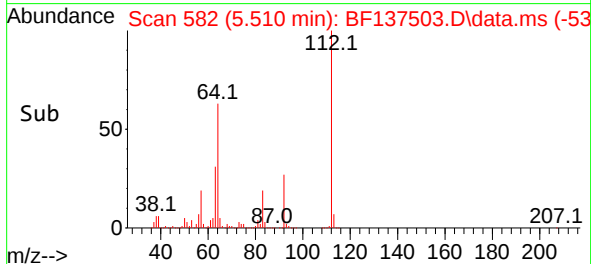
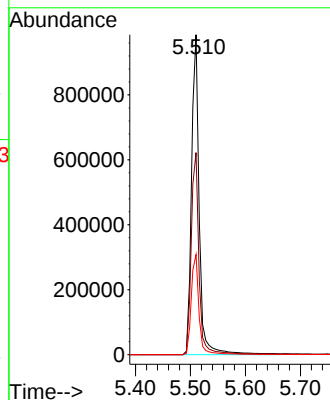
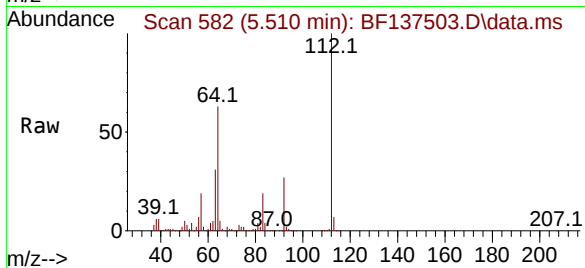




#5
2-Fluorophenol
Concen: 81.879 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

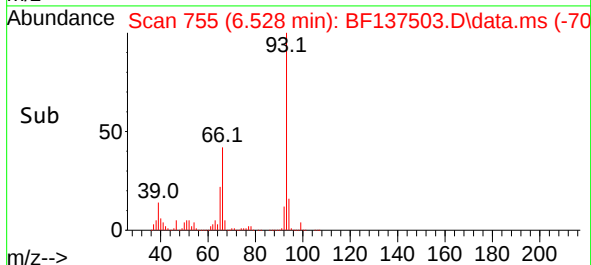
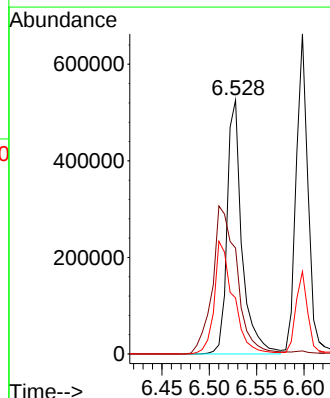
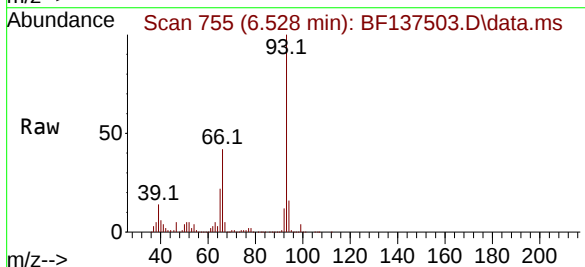
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:112 Resp: 958292
Ion Ratio Lower Upper
112 100
64 63.1 53.4 80.2
63 31.3 26.2 39.2



#6
Aniline
Concen: 27.791 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion: 93 Resp: 573682
Ion Ratio Lower Upper
93 100
66 41.7 34.0 51.0
65 22.1 17.8 26.8



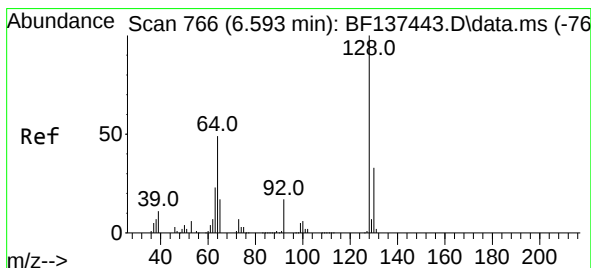
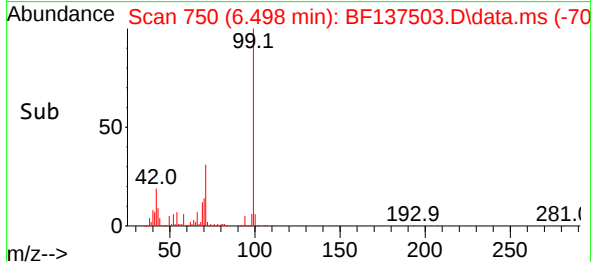
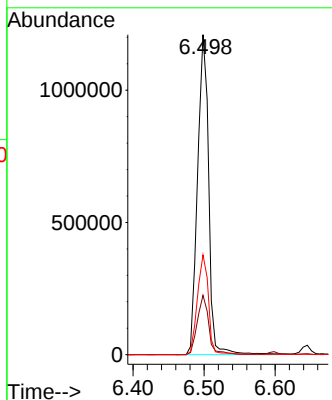
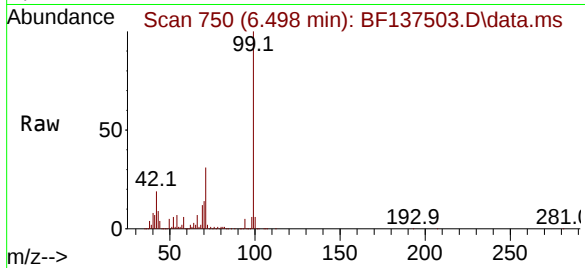


#7
Phenol-d6
Concen: 78.142 ng
RT: 6.498 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 99 Resp: 1320118

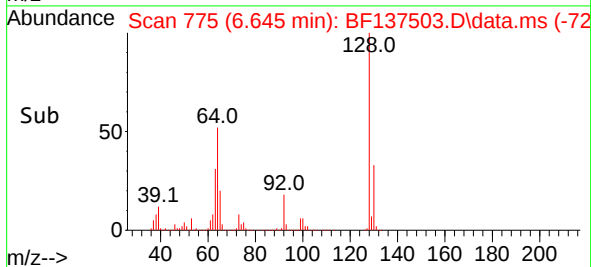
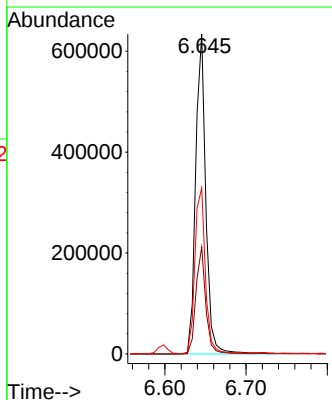
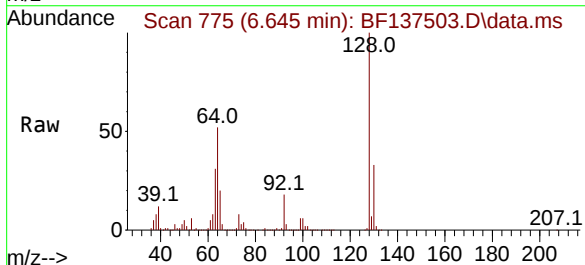
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	31.2	25.3	37.9

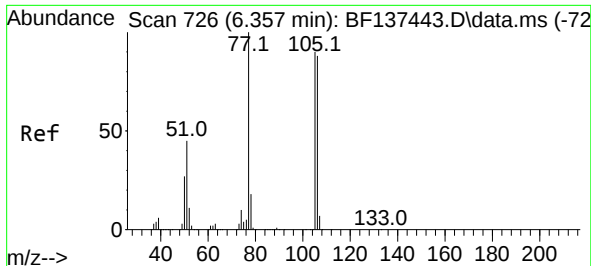


#8
2-Chlorophenol
Concen: 45.130 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion: 128 Resp: 557096

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.4	53.4
64	51.9	30.0	70.0

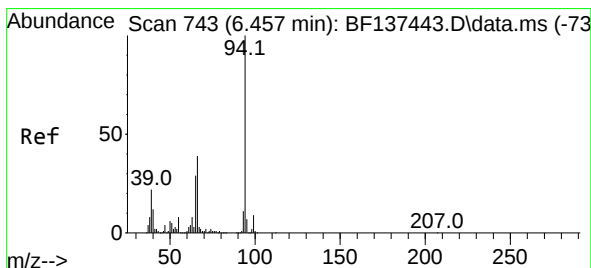
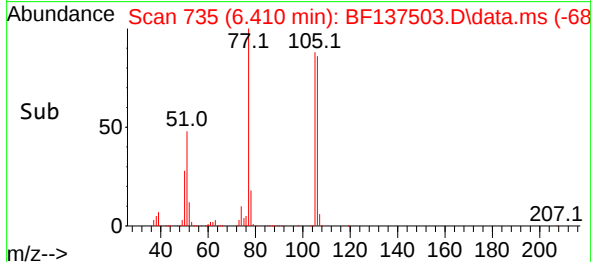
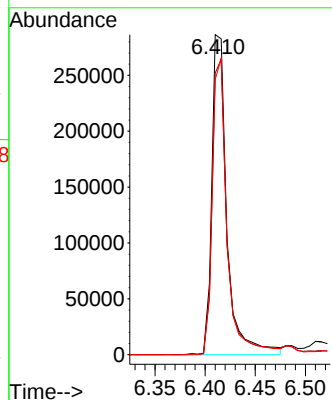
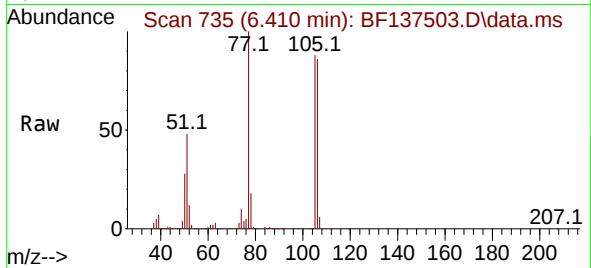




#9
Benzaldehyde
Concen: 36.597 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

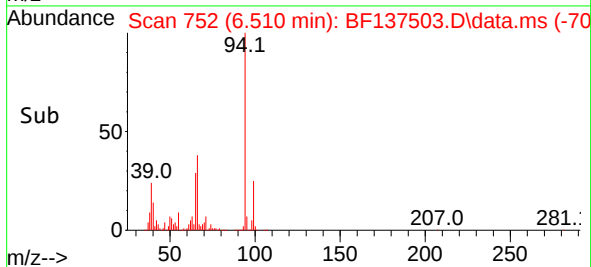
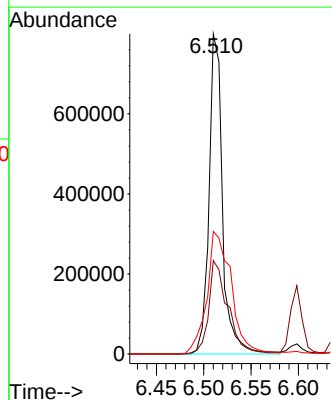
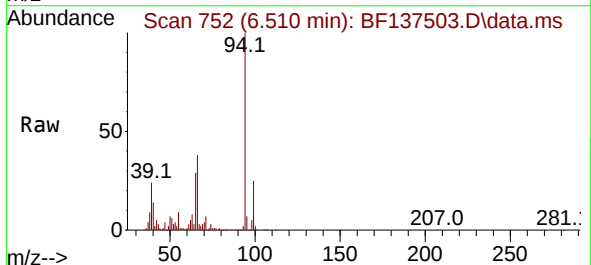
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

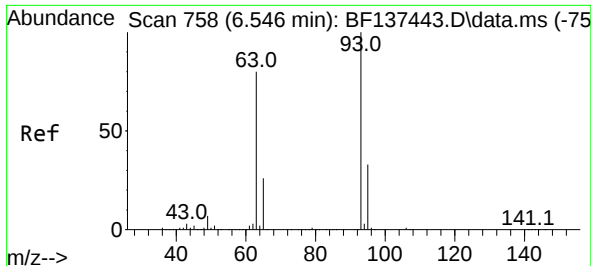
Tgt Ion: 77 Resp: 302893
Ion Ratio Lower Upper
77 100
105 88.0 69.8 109.8
106 85.9 67.8 107.8



#10
Phenol
Concen: 43.614 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion: 94 Resp: 793063
Ion Ratio Lower Upper
94 100
65 29.2 8.7 48.7
66 38.3 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 43.085 ng

RT: 6.598 min Scan# 701

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

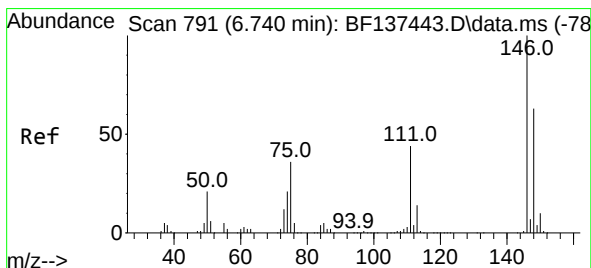
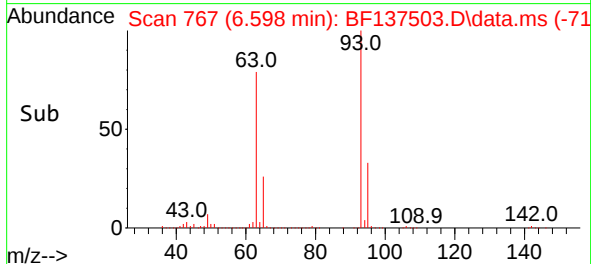
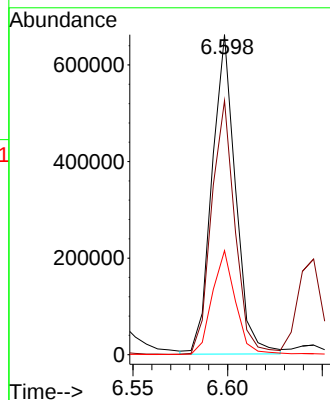
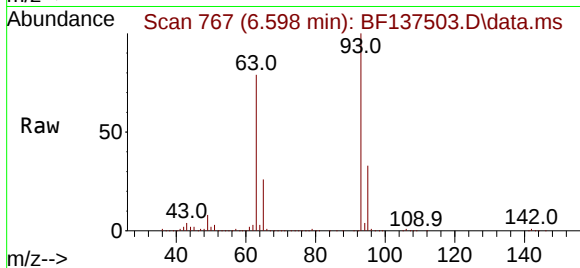
Tgt Ion: 93 Resp: 574100

Ion Ratio Lower Upper

93 100

63 79.4 58.9 98.9

95 32.5 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 44.333 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

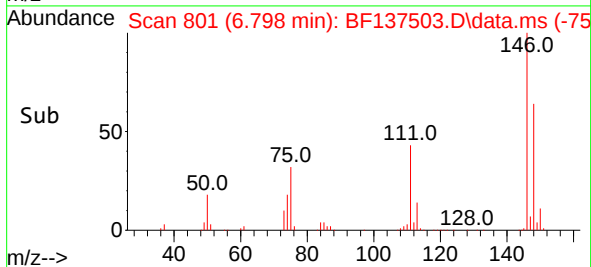
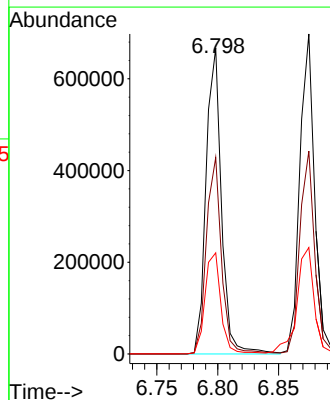
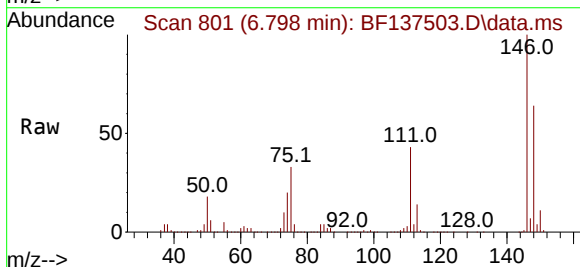
Tgt Ion: 146 Resp: 584787

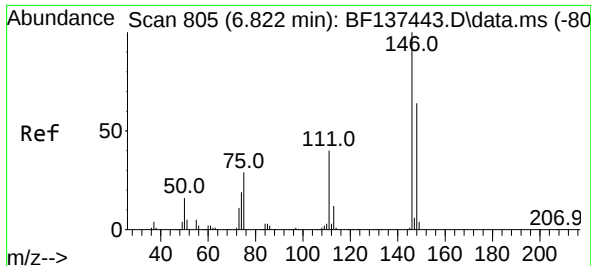
Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

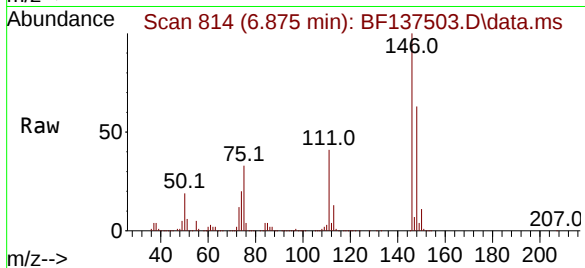
75 33.0 29.0 43.4



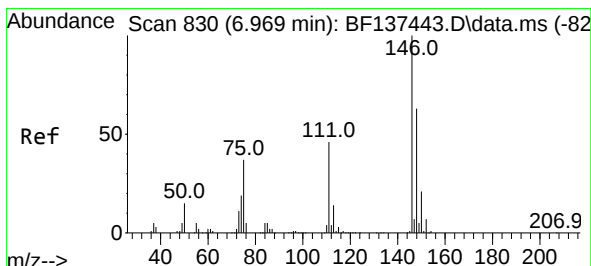
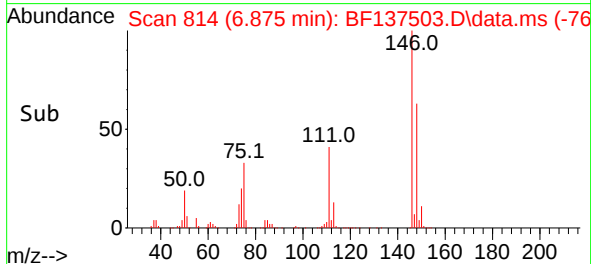
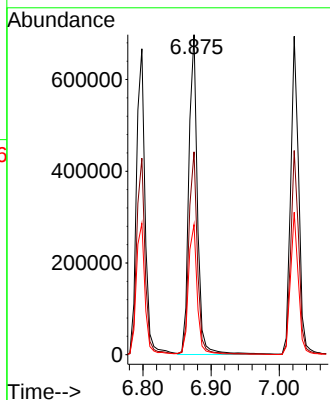


#13
1,4-Dichlorobenzene
Concen: 44.950 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

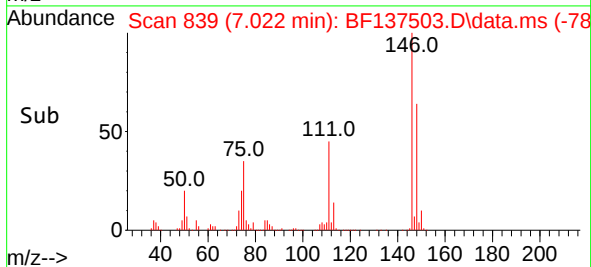
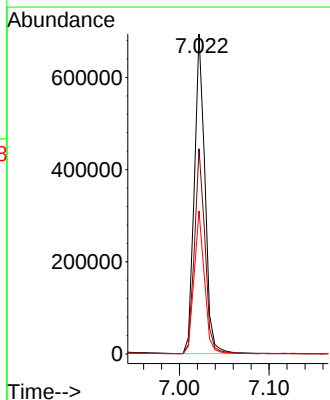
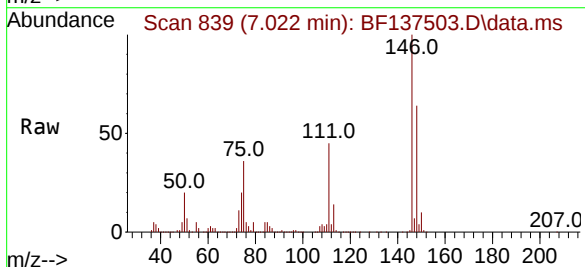


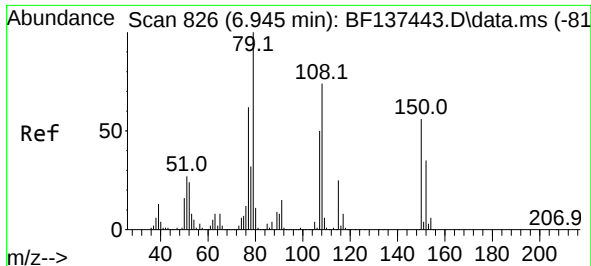
Tgt Ion:146 Resp: 606661
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 40.7 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 45.889 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:146 Resp: 568458
Ion Ratio Lower Upper
146 100
148 64.1 50.0 75.0
111 44.7 36.8 55.2

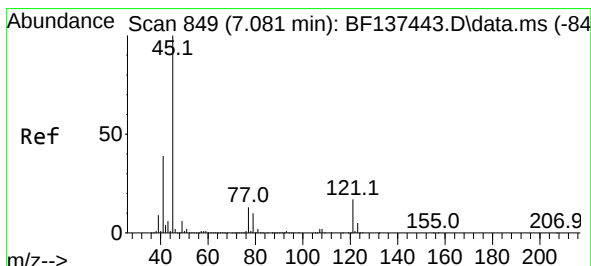
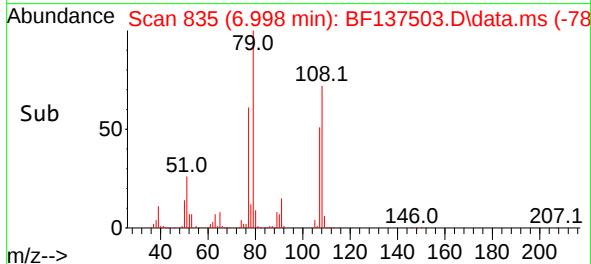
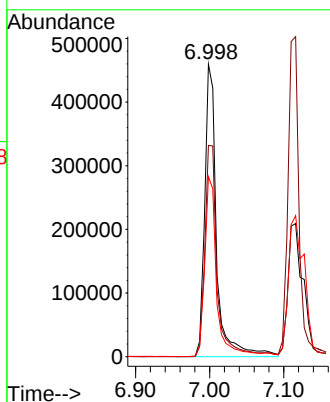
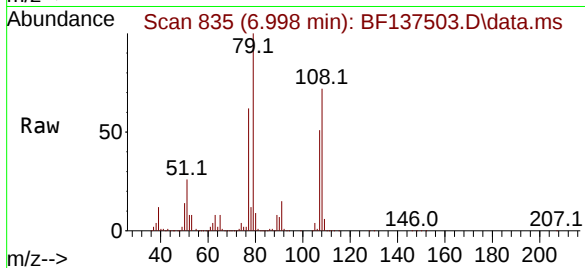




#15
Benzyl Alcohol
Concen: 48.844 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

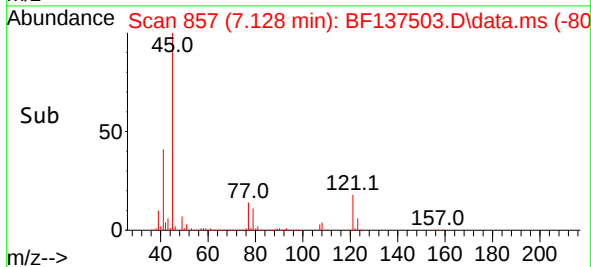
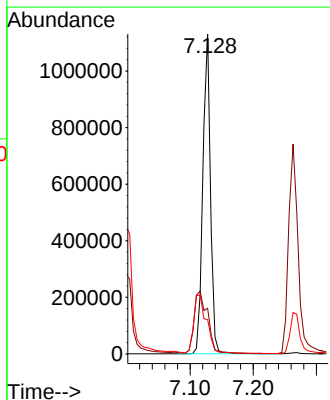
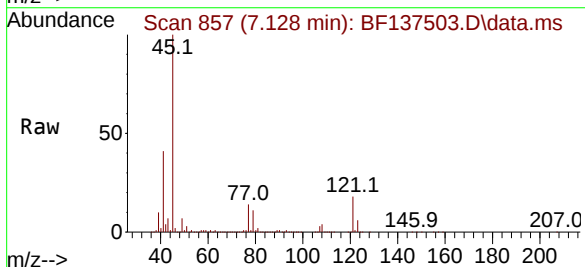
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

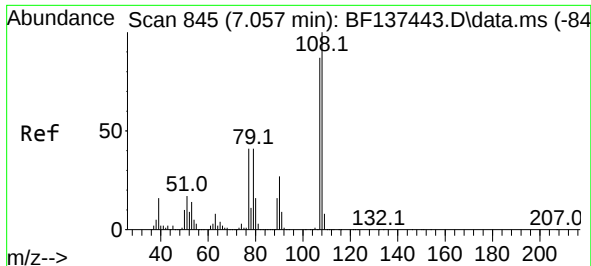
Tgt Ion: 79 Resp: 513708
Ion Ratio Lower Upper
79 100
108 72.2 59.5 89.3
77 61.5 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.452 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion: 45 Resp: 949420
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.4
79 10.7 0.0 30.9

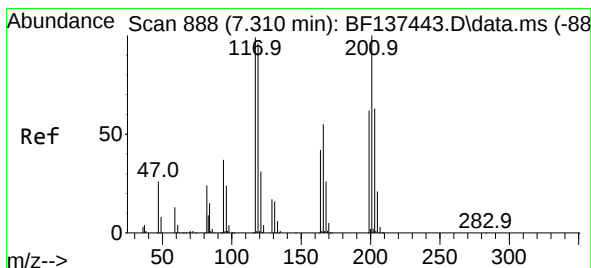
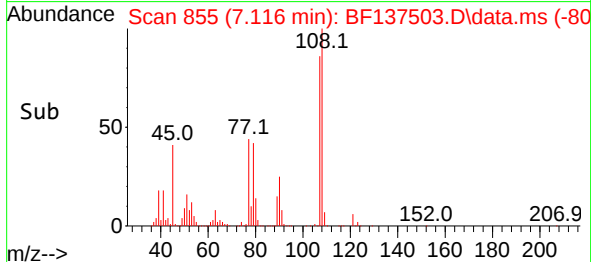
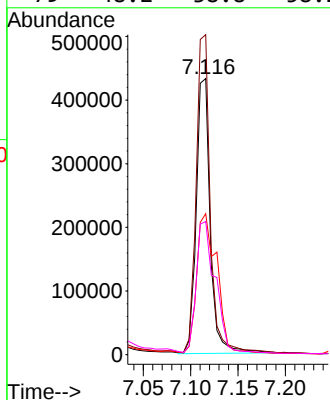
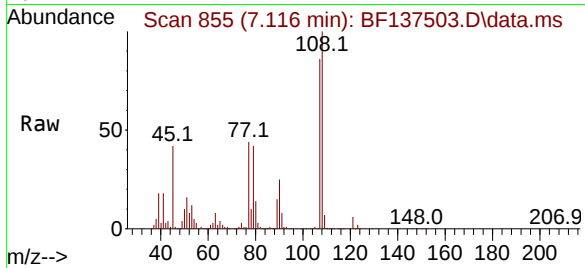




#17
2-Methylphenol
Concen: 38.523 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

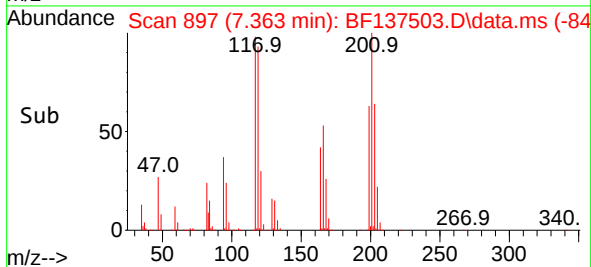
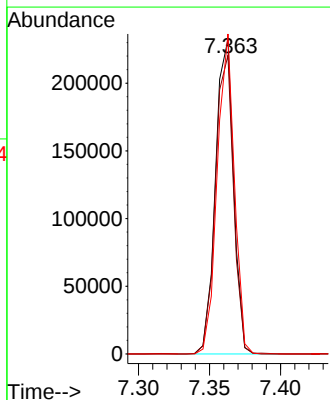
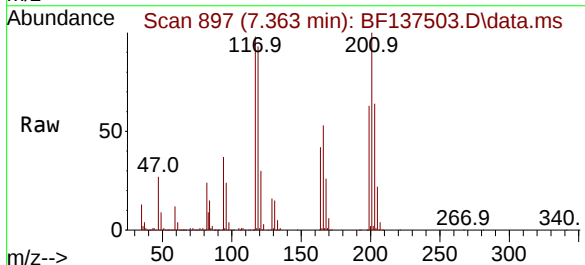
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:107 Resp: 444981
Ion Ratio Lower Upper
107 100
108 115.9 92.2 138.4
77 51.0 38.6 57.8
79 48.2 38.8 58.2



#18
Hexachloroethane
Concen: 46.267 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:117 Resp: 205608
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
201 101.7 80.6 121.0

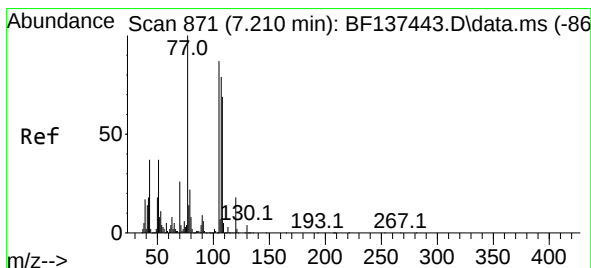
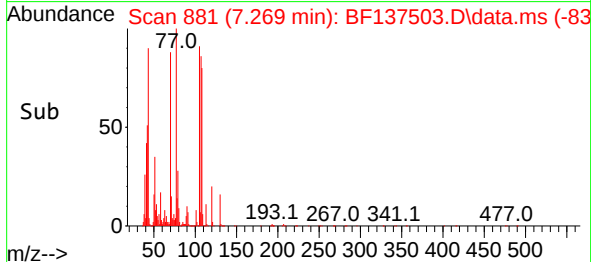
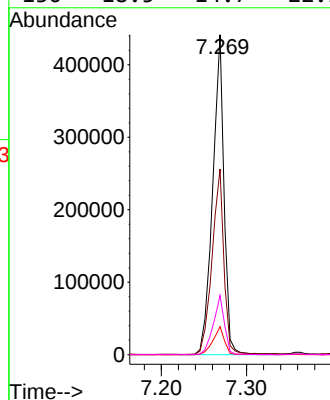
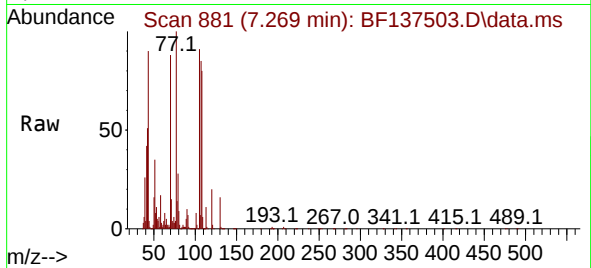




#19
n-Nitroso-di-n-propylamine
Concen: 39.449 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

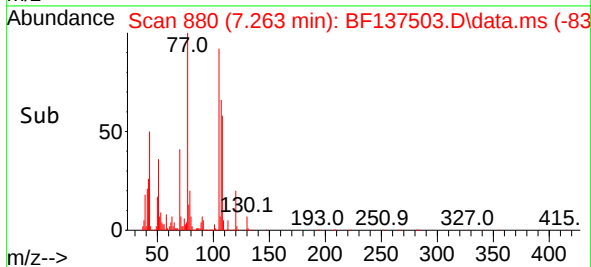
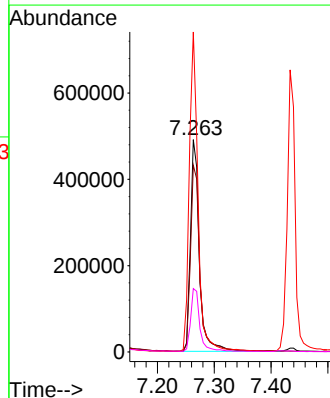
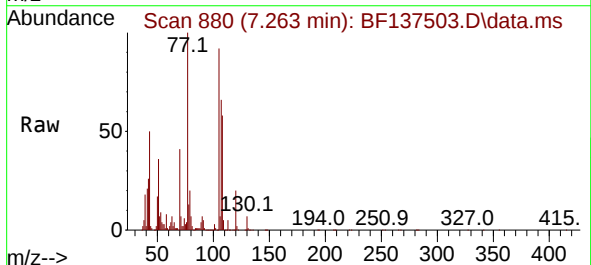
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

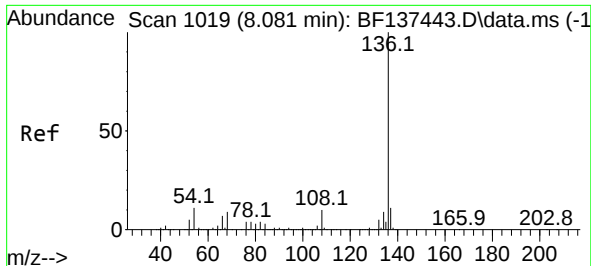
Tgt Ion: 70 Resp: 411541
Ion Ratio Lower Upper
70 100
42 58.0 45.2 67.8
101 8.7 7.3 10.9
130 18.5 14.7 22.1



#20
3+4-Methylphenols
Concen: 40.579 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion: 107 Resp: 536829
Ion Ratio Lower Upper
107 100
108 87.9 67.6 107.6
77 150.7 107.1 147.1#
79 29.8 8.6 48.6

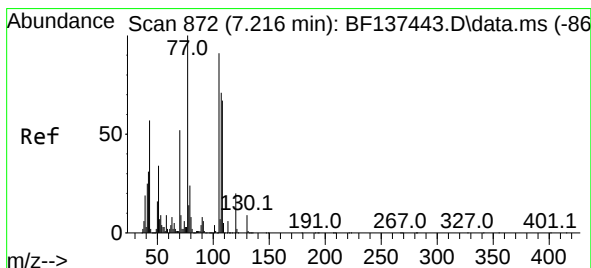
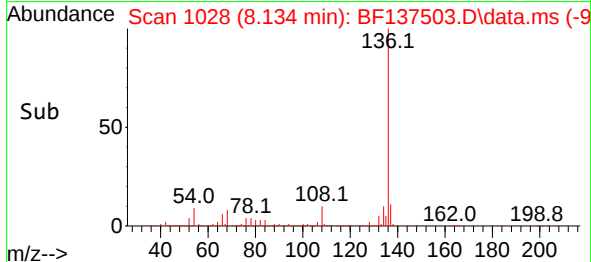
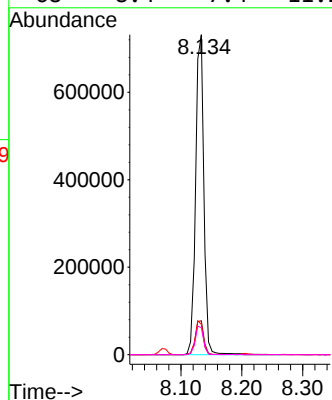
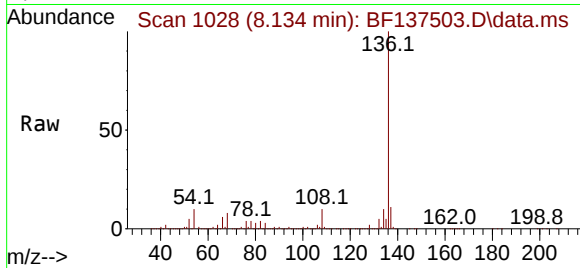




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

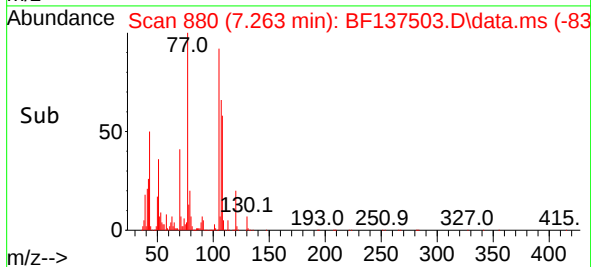
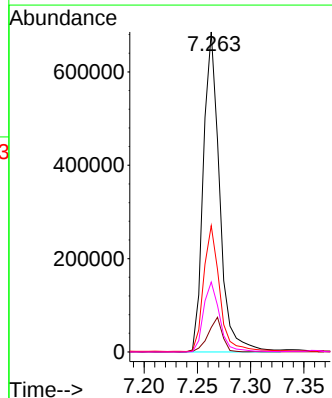
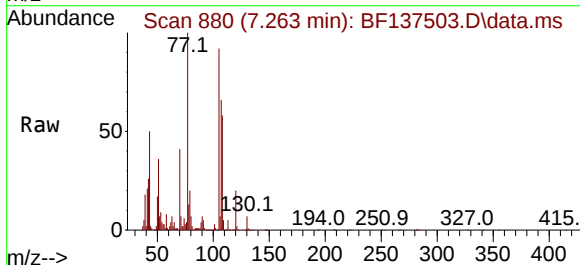
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

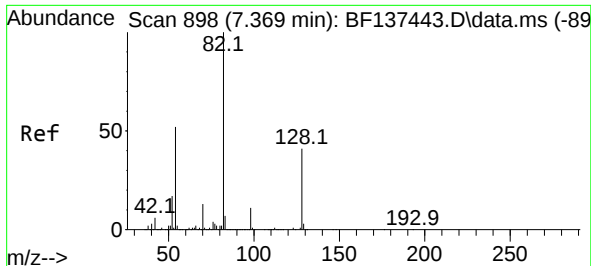
Tgt Ion:136 Resp: 691022
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 9.5 8.5 12.7
68 8.4 7.4 11.2



#22
Acetophenone
Concen: 43.737 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:105 Resp: 731261
Ion Ratio Lower Upper
105 100
71 7.6 7.7 11.5#
51 39.5 30.4 45.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 52.601 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

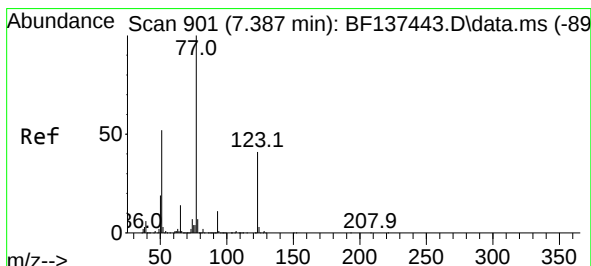
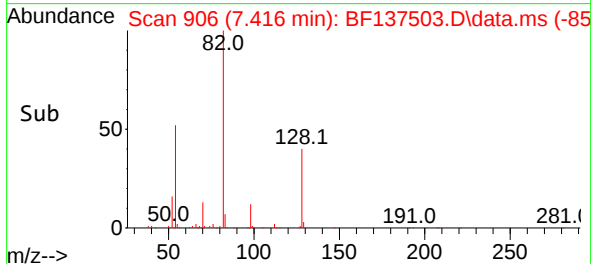
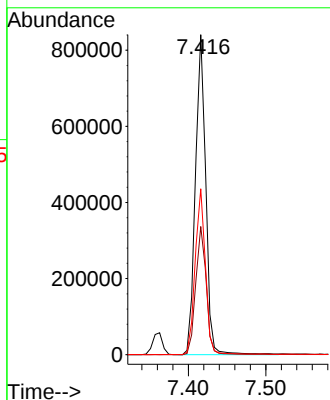
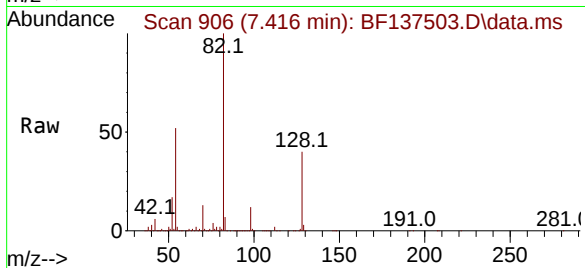
Tgt Ion: 82 Resp: 782285

Ion Ratio Lower Upper

82 100

128 40.0 32.5 48.7

54 51.8 41.5 62.3



#24

Nitrobenzene

Concen: 42.891 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

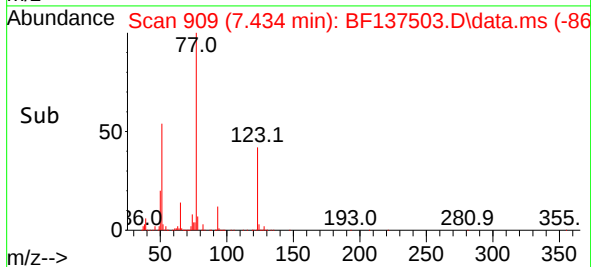
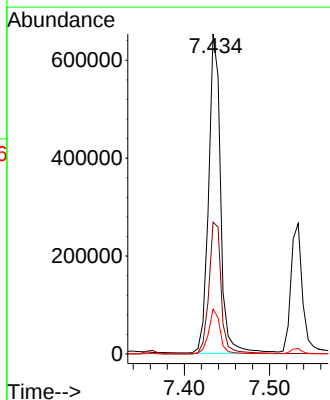
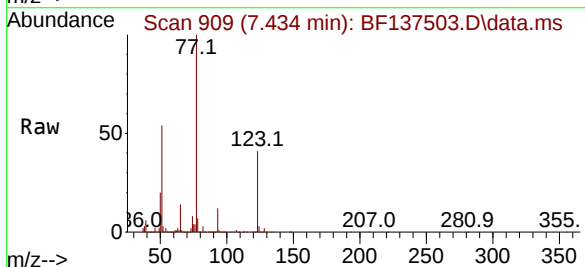
Tgt Ion: 77 Resp: 640789

Ion Ratio Lower Upper

77 100

123 41.2 33.0 49.6

65 14.1 10.9 16.3

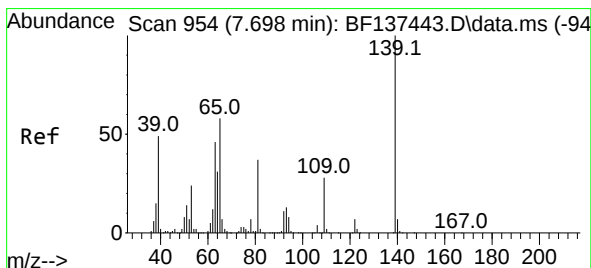
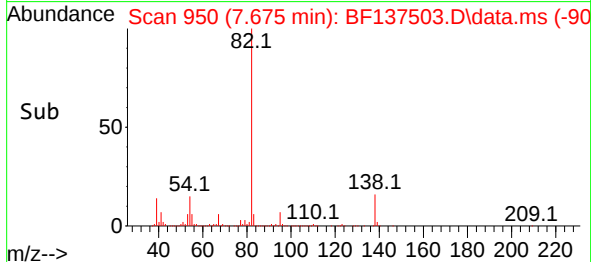
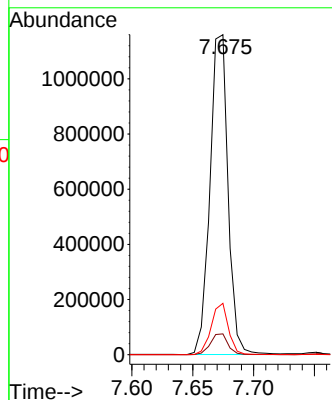
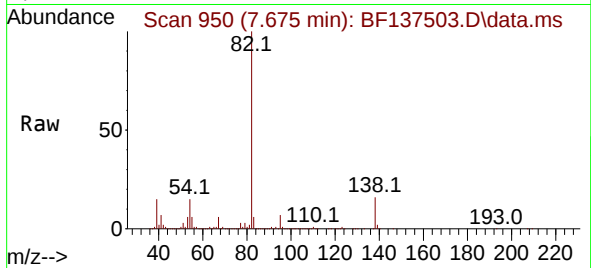




#25
Isophorone
Concen: 42.353 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

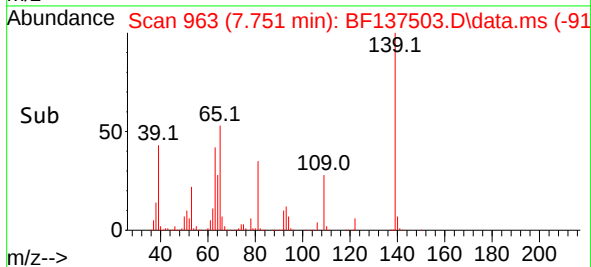
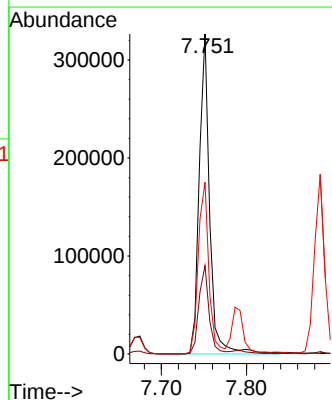
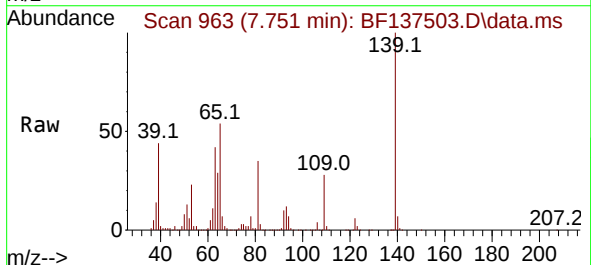
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

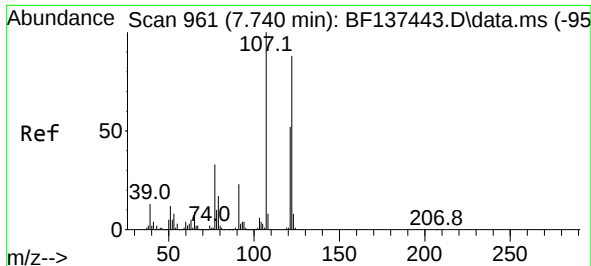
Tgt Ion: 82 Resp: 1196663
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.1 11.8 17.8



#26
2-Nitrophenol
Concen: 46.942 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:139 Resp: 278431
Ion Ratio Lower Upper
139 100
109 27.6 22.2 33.4
65 53.7 46.2 69.2

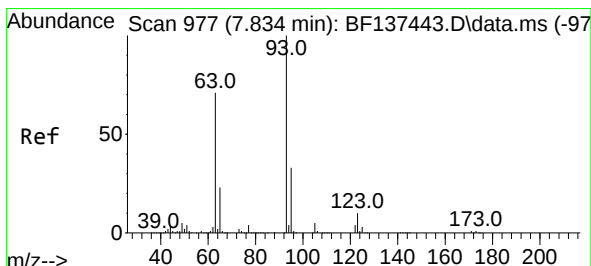
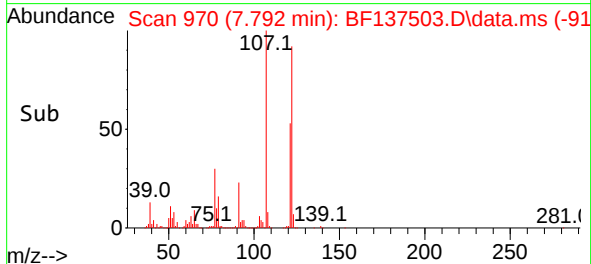
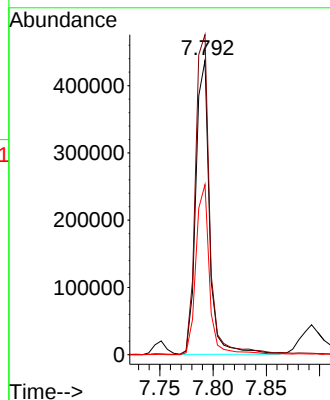
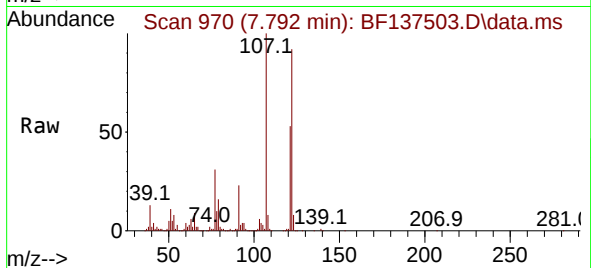




#27
2,4-Dimethylphenol
Concen: 35.450 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

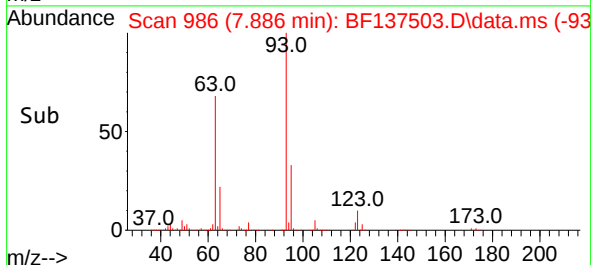
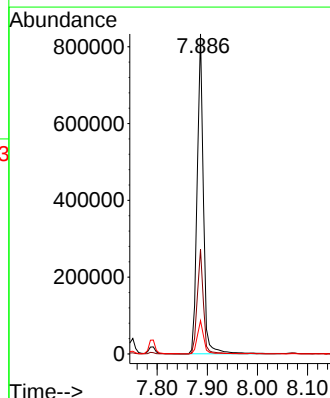
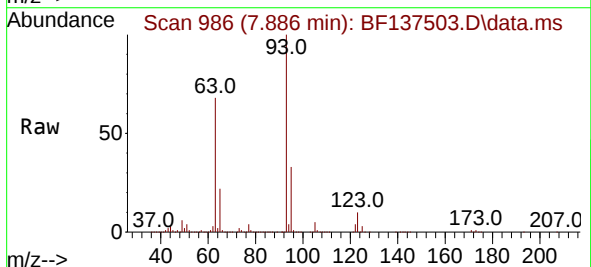
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

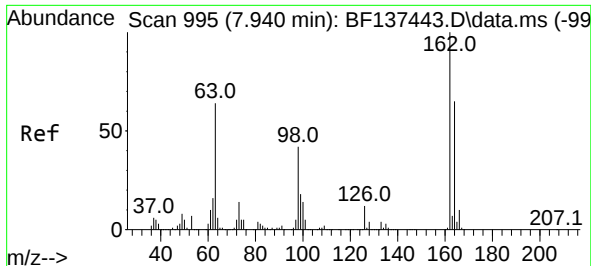
Tgt Ion:122 Resp: 392891
Ion Ratio Lower Upper
122 100
107 108.7 90.9 136.3
121 57.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.392 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion: 93 Resp: 719353
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 10.4 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 44.610 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

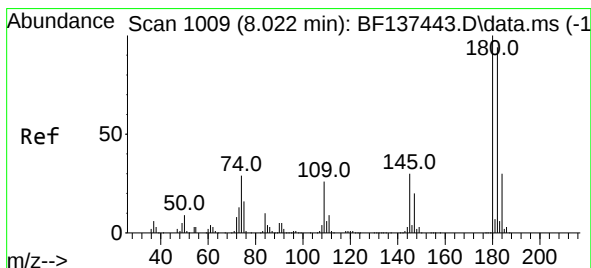
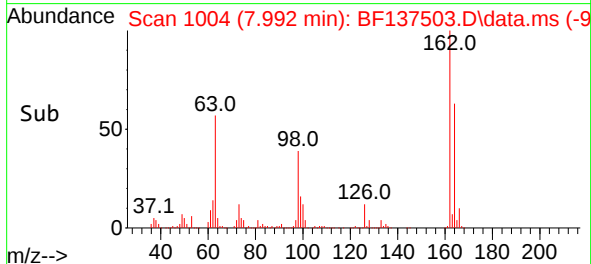
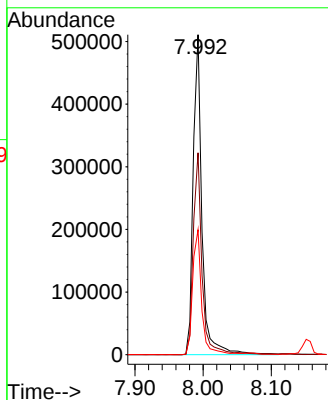
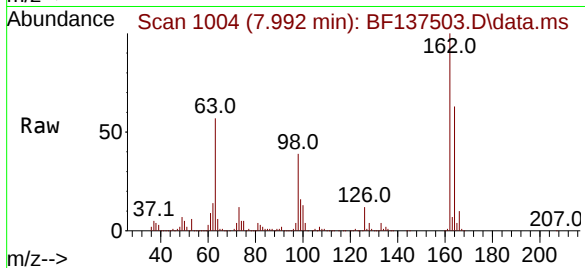
Tgt Ion:162 Resp: 453752

Ion Ratio Lower Upper

162 100

164 63.1 44.7 84.7

98 39.1 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 44.235 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

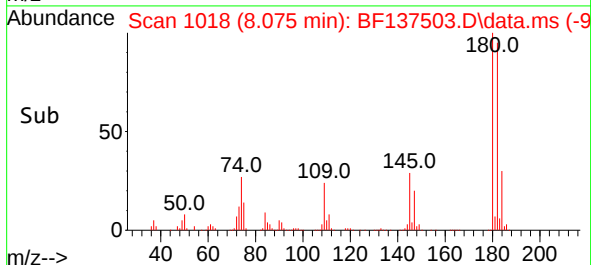
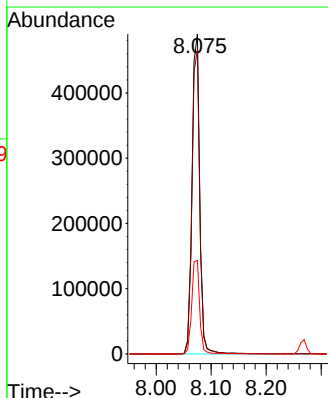
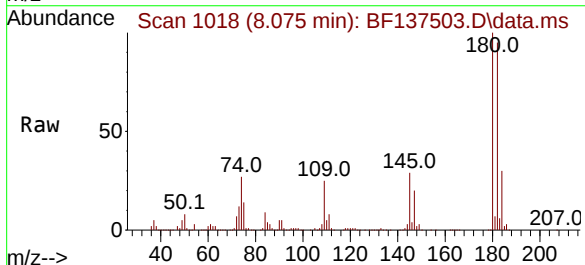
Tgt Ion:180 Resp: 473492

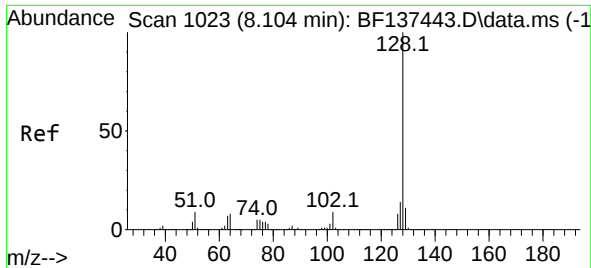
Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.6

145 29.2 23.7 35.5

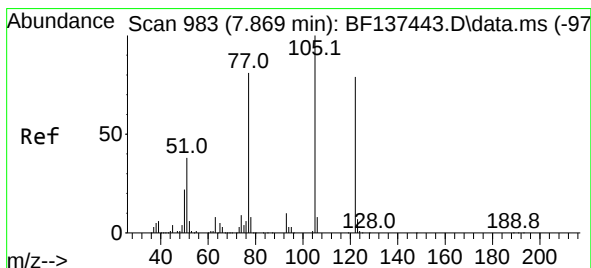
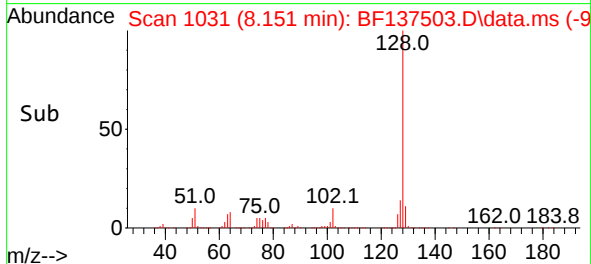
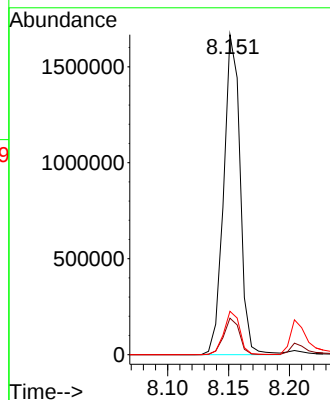
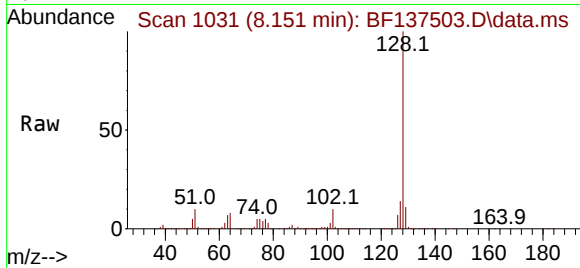




#31
Naphthalene
Concen: 42.268 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

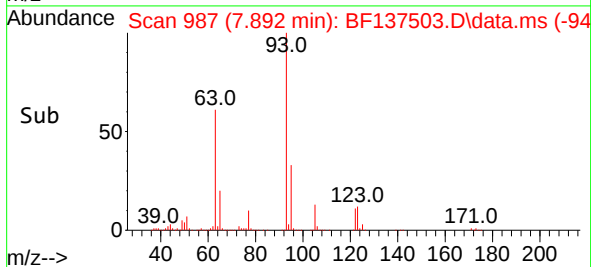
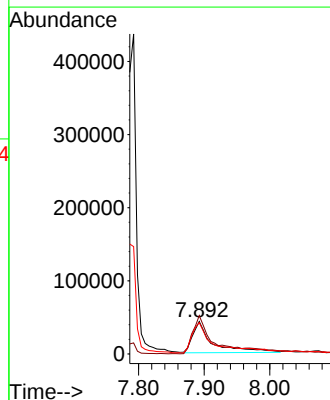
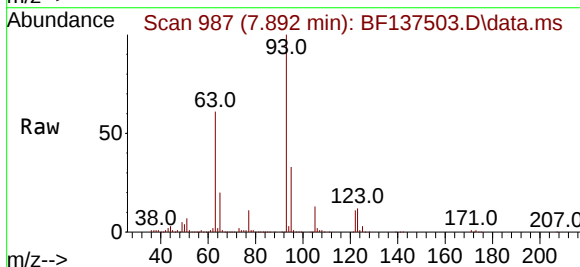
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

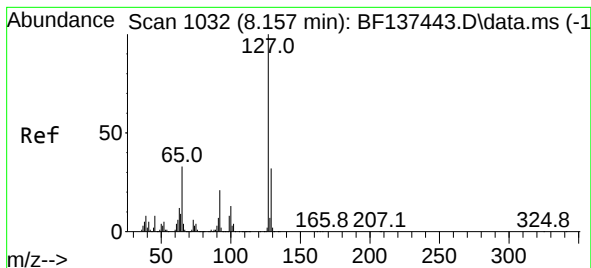
Tgt Ion:128 Resp: 1567119
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 18.598 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.035 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:122 Resp: 90359
Ion Ratio Lower Upper
122 100
105 118.4 102.4 142.4
77 96.5 81.1 121.1





#33

4-Chloroaniline

Concen: 14.093 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:127 Resp: 204886

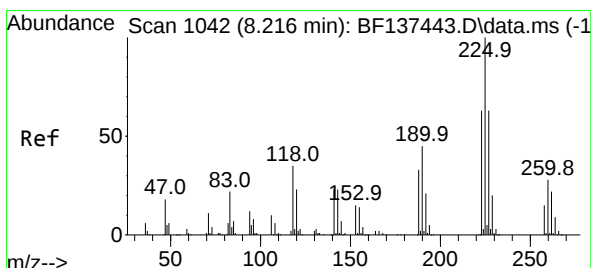
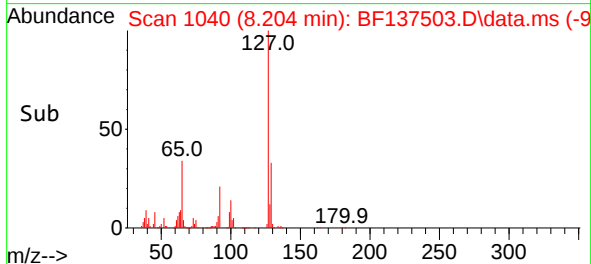
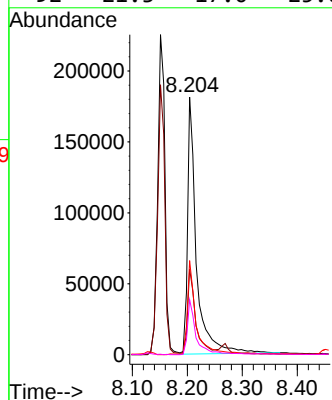
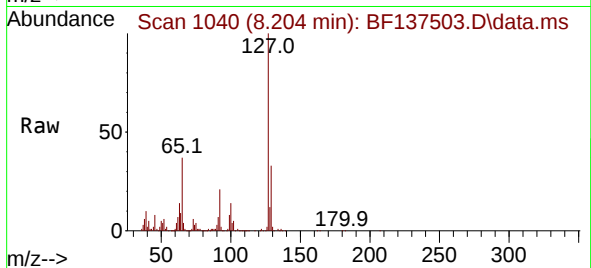
Ion Ratio Lower Upper

127 100

129 33.3 26.0 39.0

65 36.5 26.8 40.2

92 21.3 17.0 25.6



#34

Hexachlorobutadiene

Concen: 43.370 ng

RT: 8.269 min Scan# 1051

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

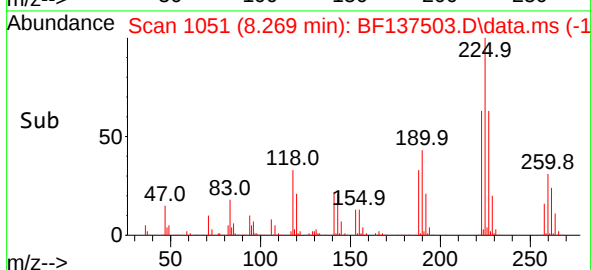
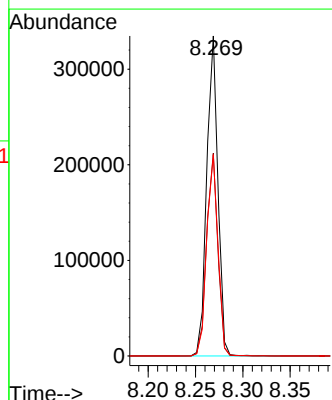
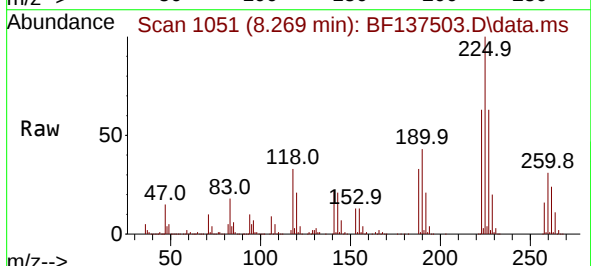
Tgt Ion:225 Resp: 274073

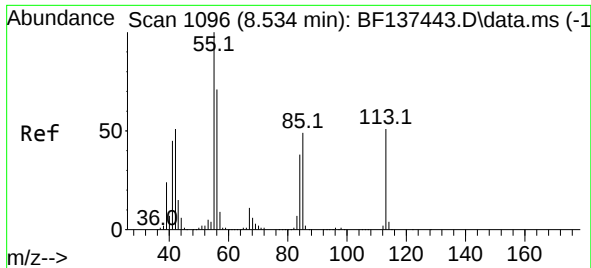
Ion Ratio Lower Upper

225 100

223 63.3 50.7 76.1

227 62.9 50.6 75.8

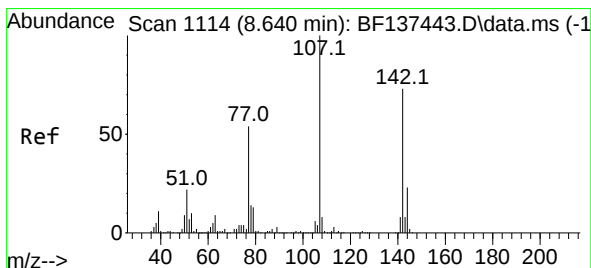
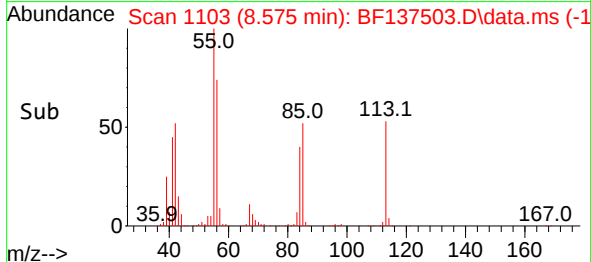
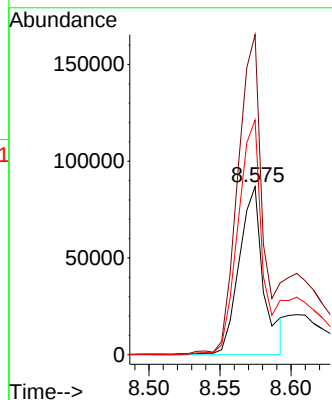
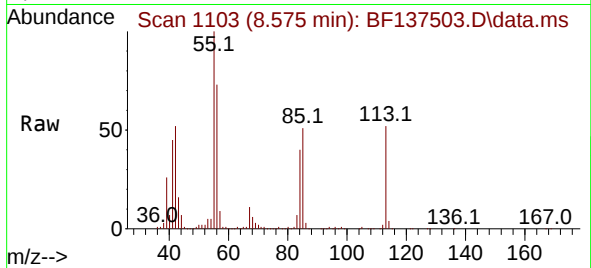




#35
 Caprolactam
 Concen: 30.213 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. -0.018 min
 Lab File: BF137503.D
 Acq: 05 Mar 2024 16:32

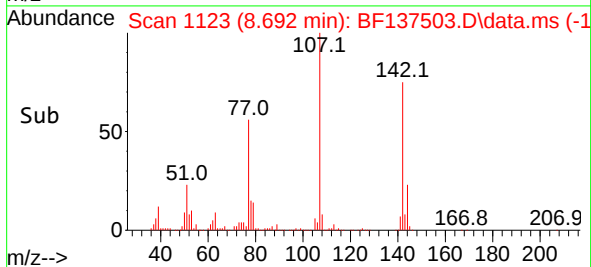
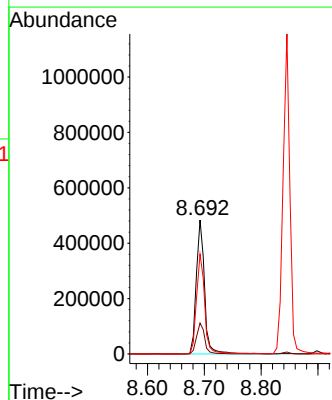
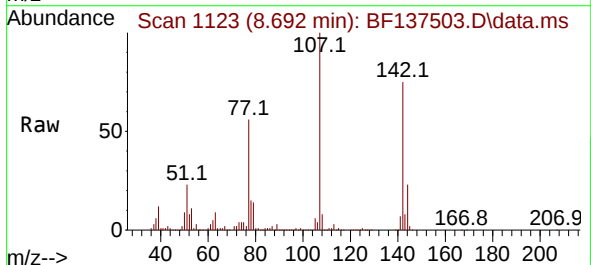
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

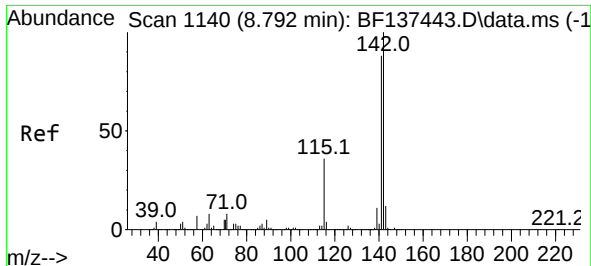
Tgt Ion:113 Resp: 104205
 Ion Ratio Lower Upper
 113 100
 55 190.5 176.7 216.7
 56 139.8 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.251 ng
 RT: 8.692 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: BF137503.D
 Acq: 05 Mar 2024 16:32

Tgt Ion:107 Resp: 491749
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.7 28.1
 142 74.6 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.276 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

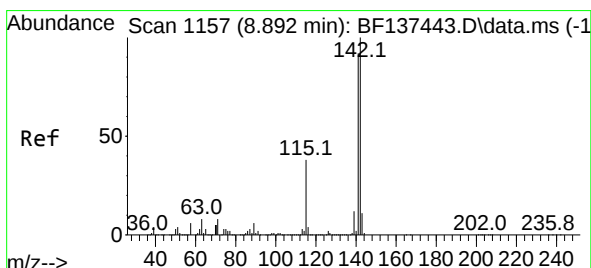
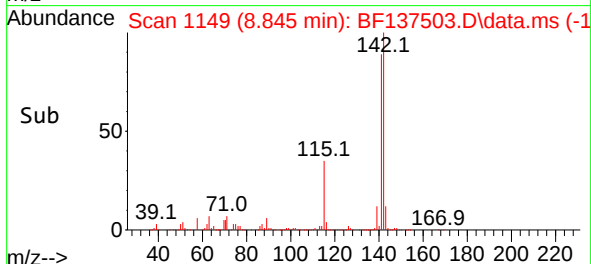
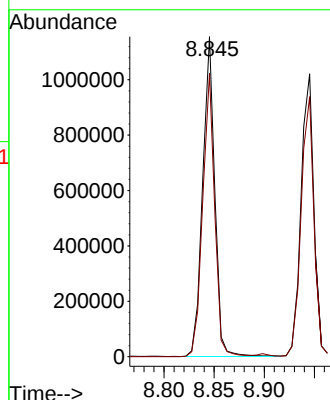
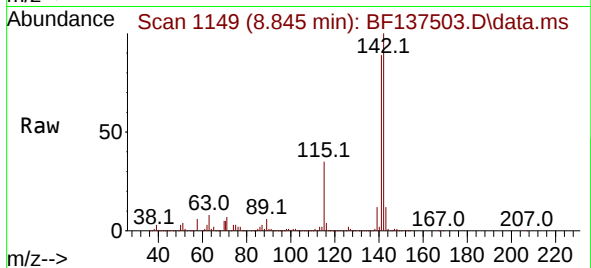
TP-3MSD

Tgt Ion:142 Resp: 975579

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6



#38

1-Methylnaphthalene

Concen: 40.766 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF137503.D

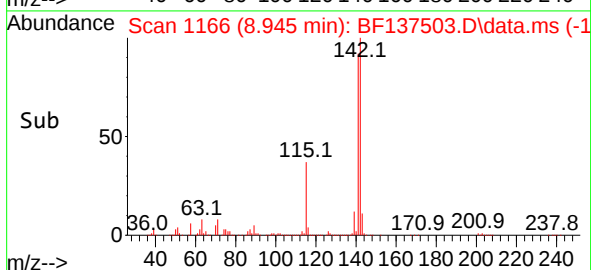
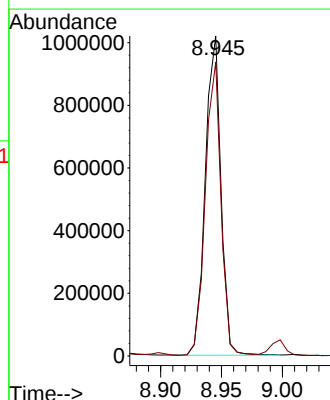
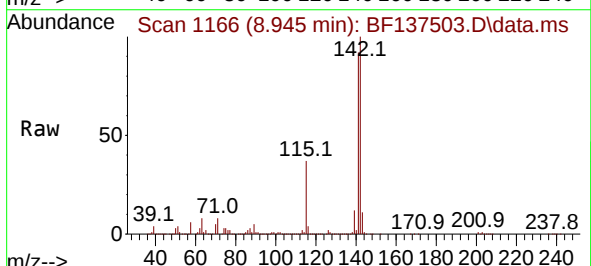
Acq: 05 Mar 2024 16:32

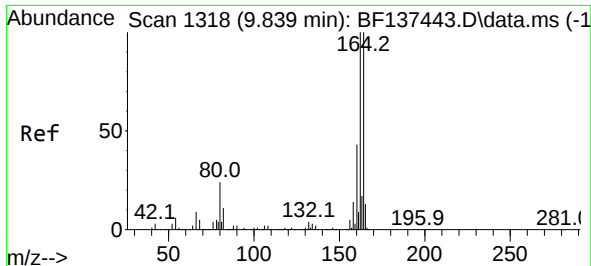
Tgt Ion:142 Resp: 907378

Ion Ratio Lower Upper

142 100

141 91.9 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: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

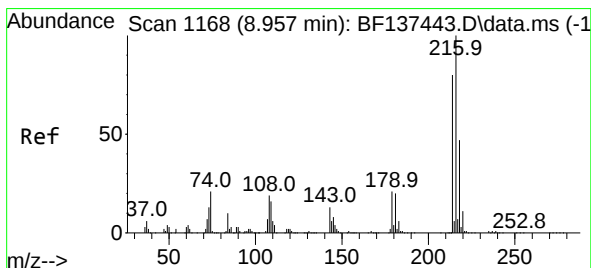
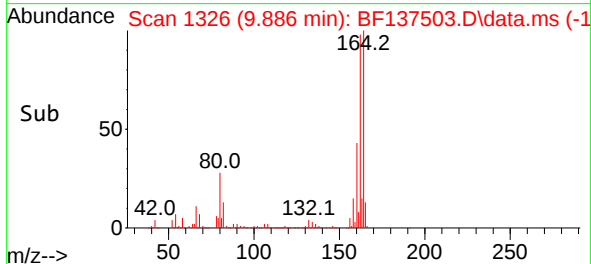
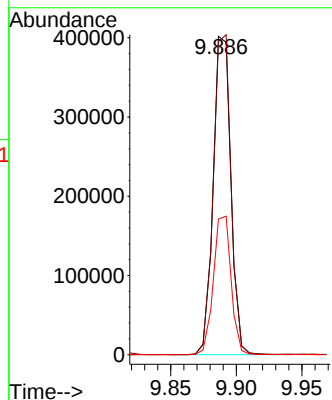
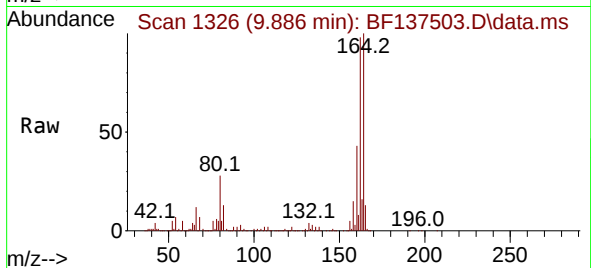
Tgt Ion:164 Resp: 376519

Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 42.5 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.028 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Tgt Ion:216 Resp: 473314

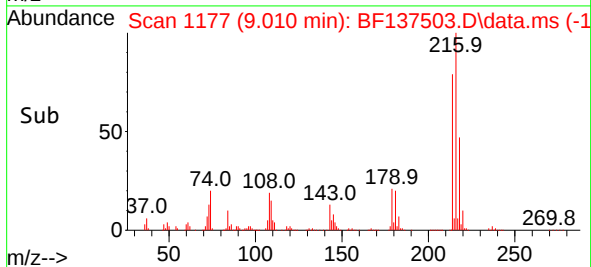
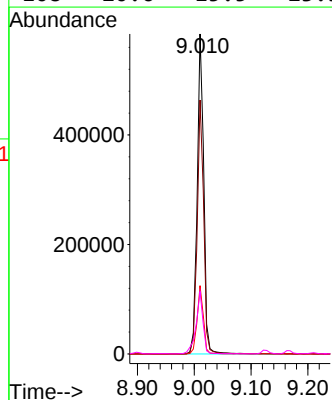
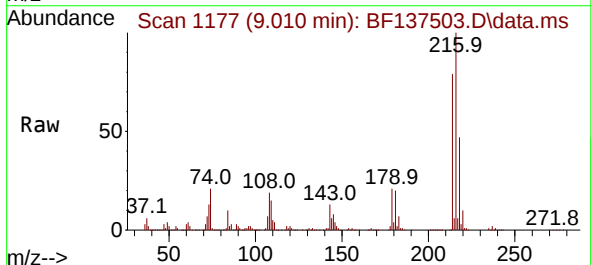
Ion Ratio Lower Upper

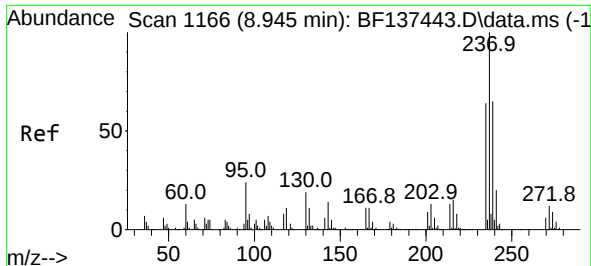
216 100

214 78.5 63.5 95.3

179 20.7 16.6 25.0

108 20.6 15.5 23.3

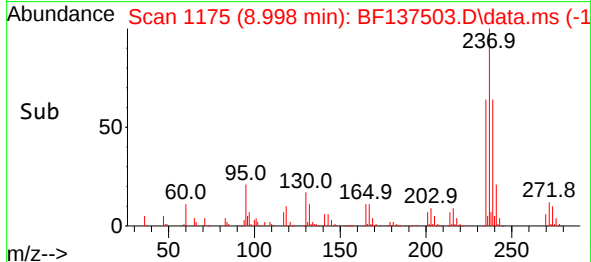
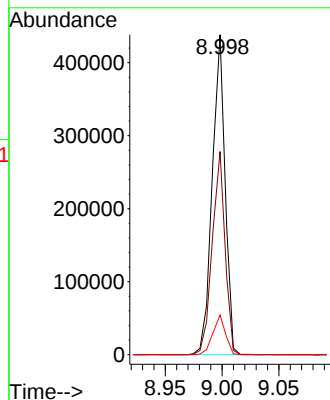
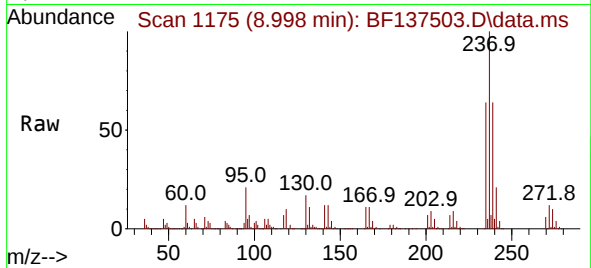




#41
Hexachlorocyclopentadiene
Concen: 80.316 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

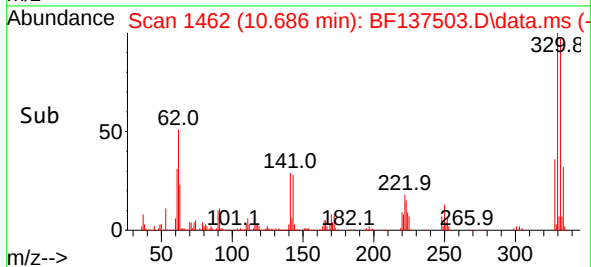
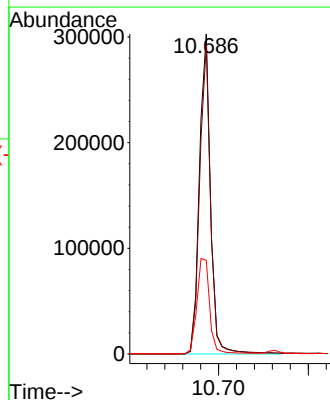
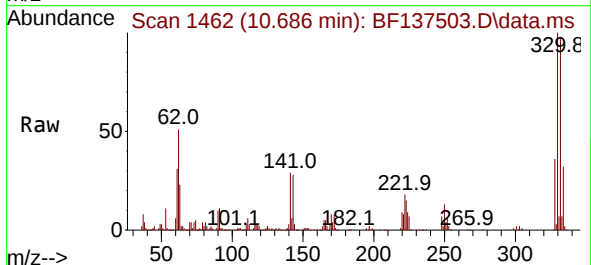
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

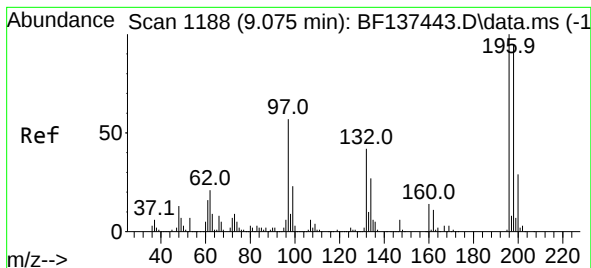
Tgt Ion:237 Resp: 344687
Ion Ratio Lower Upper
237 100
235 63.5 43.6 83.6
272 12.4 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 78.644 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:330 Resp: 260034
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 34.6 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 44.248 ng

RT: 9.128 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

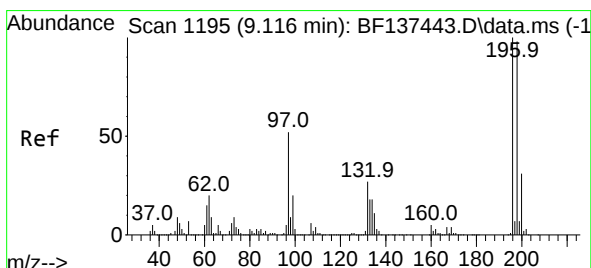
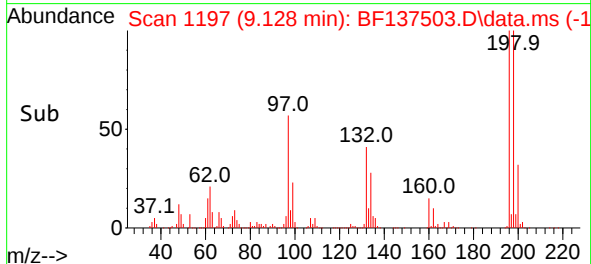
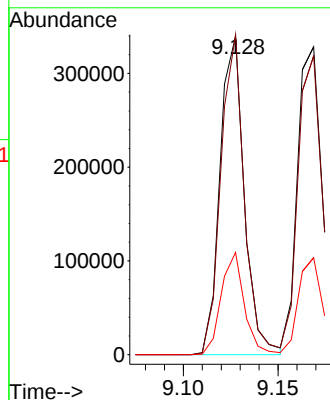
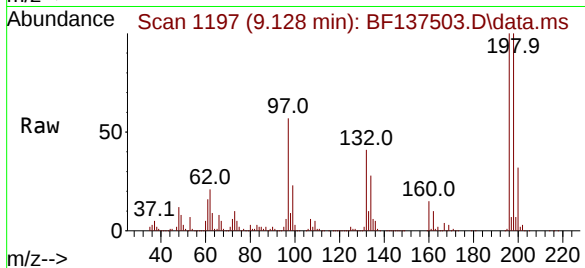
Tgt Ion:196 Resp: 302883

Ion Ratio Lower Upper

196 100

198 100.5 75.8 113.8

200 32.1 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 41.256 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Tgt Ion:196 Resp: 325313

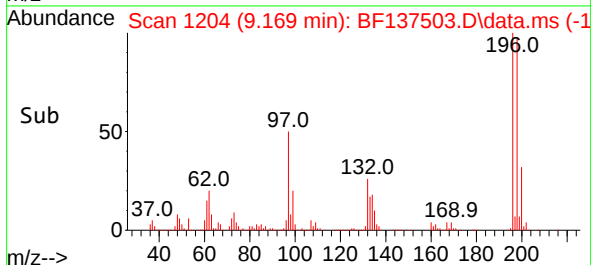
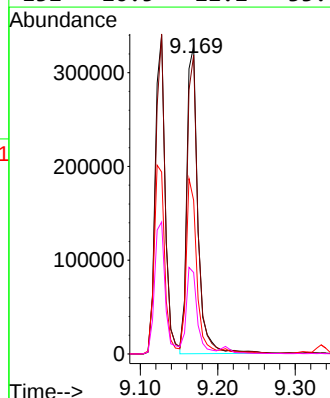
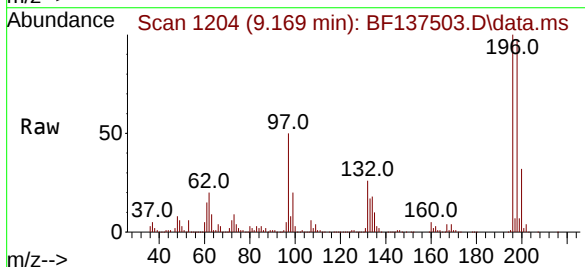
Ion Ratio Lower Upper

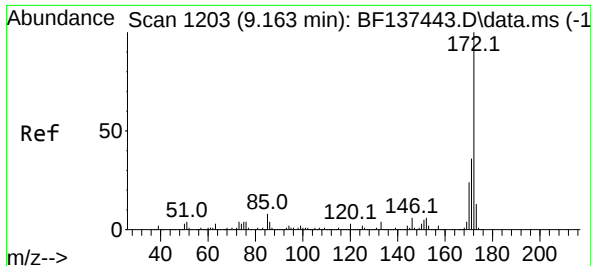
196 100

198 97.0 78.6 117.8

97 49.9 41.8 62.8

132 26.5 22.2 33.4

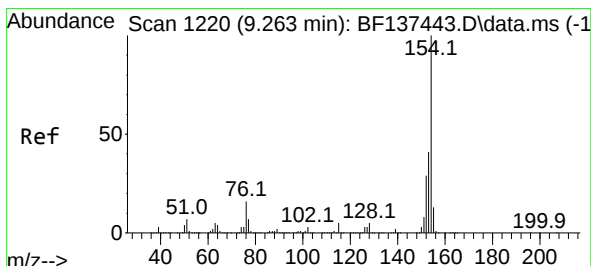
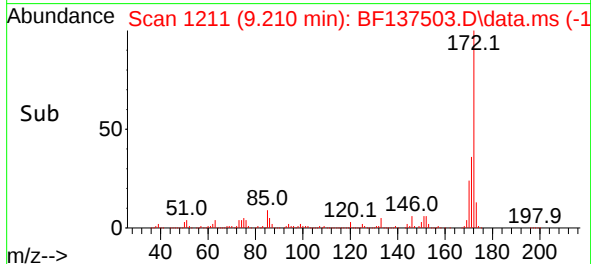
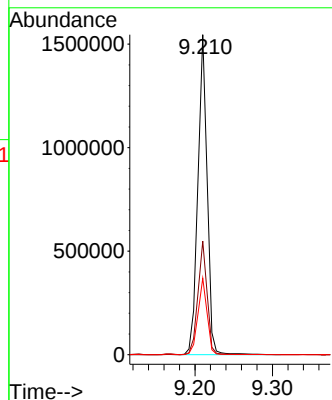
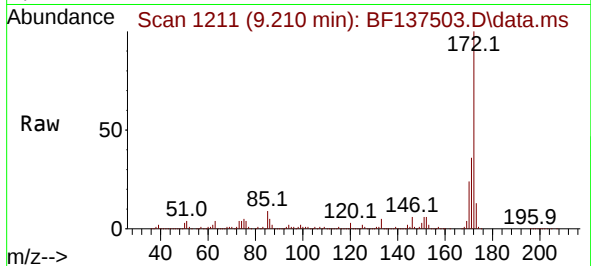




#45
2-Fluorobiphenyl
Concen: 53.679 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

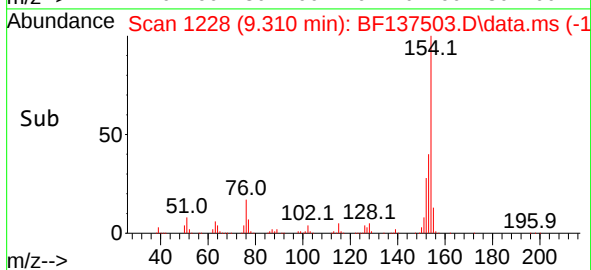
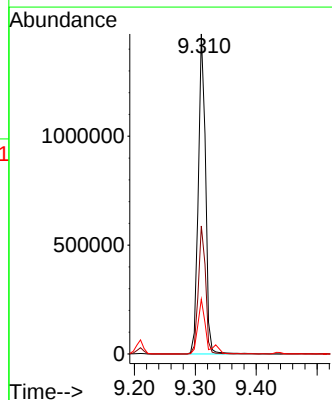
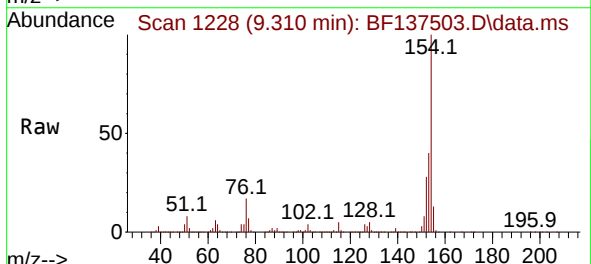
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

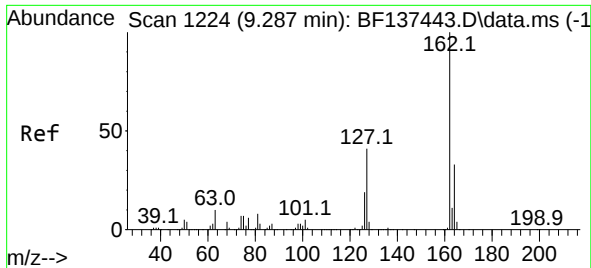
Tgt Ion:172 Resp: 1291146
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 44.178 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:154 Resp: 1217464
Ion Ratio Lower Upper
154 100
153 40.0 21.0 61.0
76 17.1 0.0 35.8

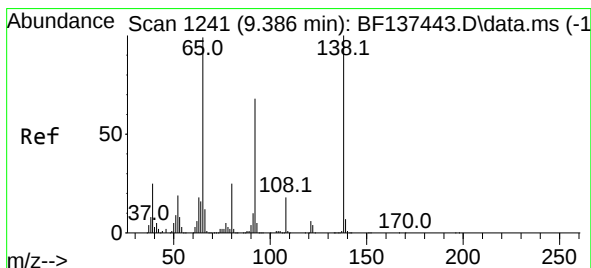
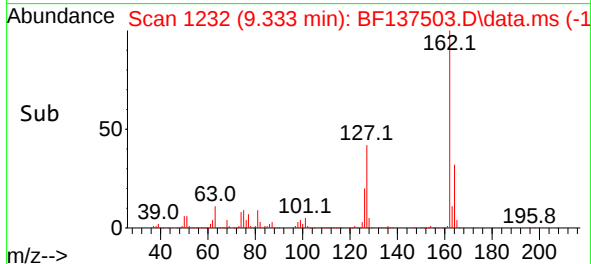
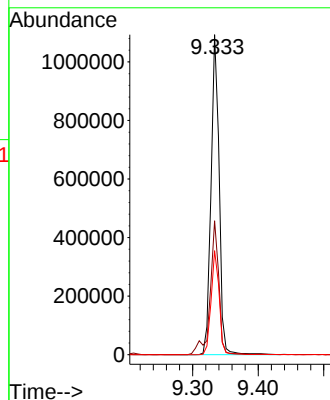
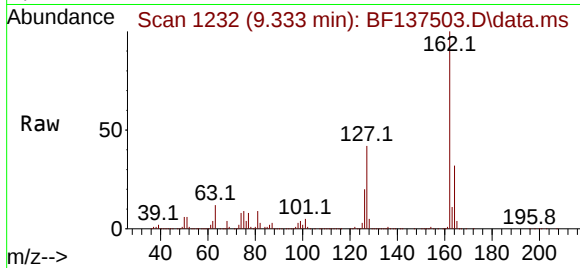




#47
2-Chloronaphthalene
Concen: 44.917 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

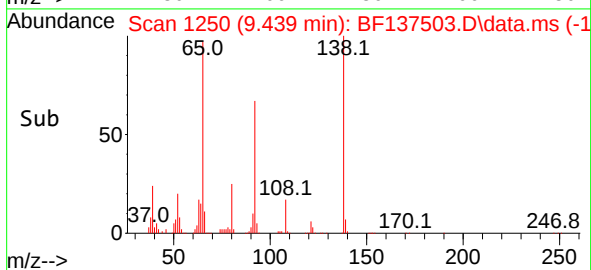
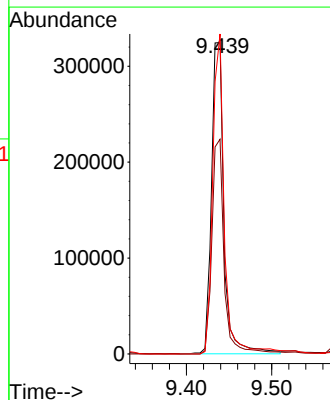
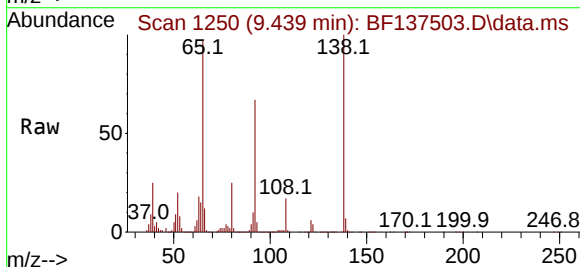
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

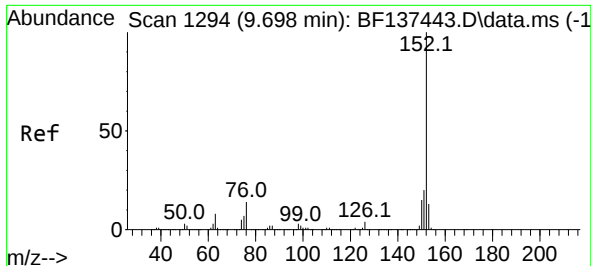
Tgt Ion:162 Resp: 943734
Ion Ratio Lower Upper
162 100
127 41.9 32.6 49.0
164 32.5 26.5 39.7



#48
2-Nitroaniline
Concen: 46.145 ng
RT: 9.439 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion: 65 Resp: 329538
Ion Ratio Lower Upper
65 100
92 69.0 55.4 83.2
138 102.8 81.0 121.6





#49

Acenaphthylene

Concen: 45.158 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

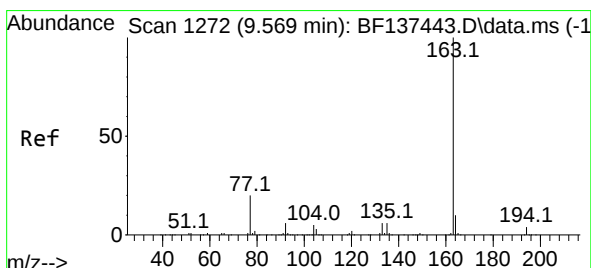
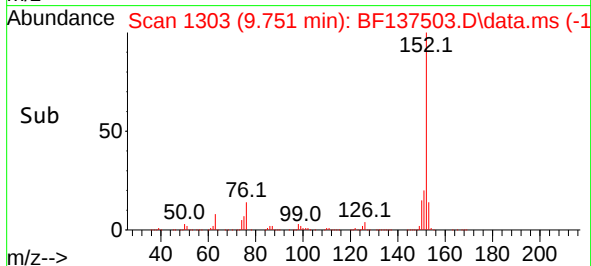
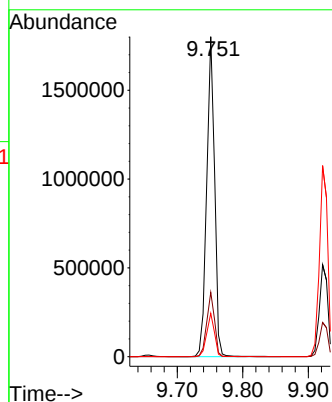
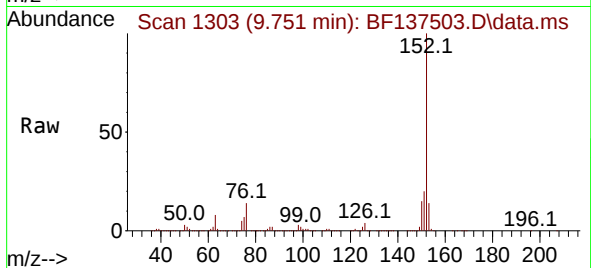
Tgt Ion:152 Resp: 1518393

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.6 10.8 16.2



#50

Dimethylphthalate

Concen: 43.299 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

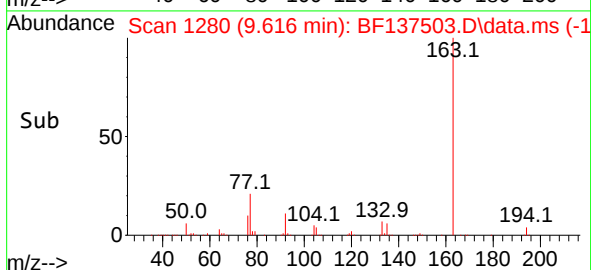
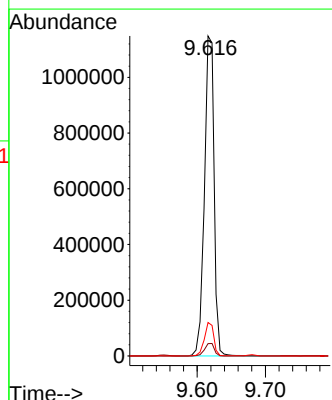
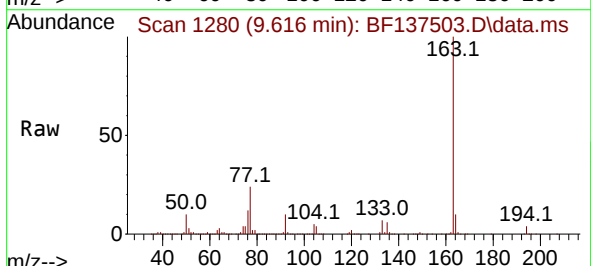
Tgt Ion:163 Resp: 1134859

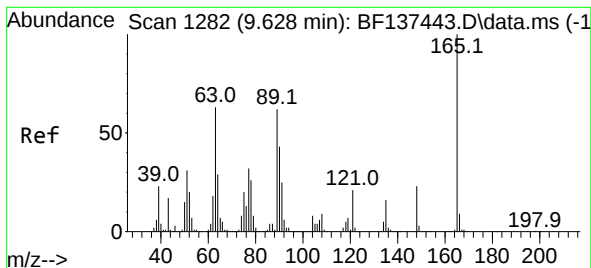
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.707 ng

RT: 9.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

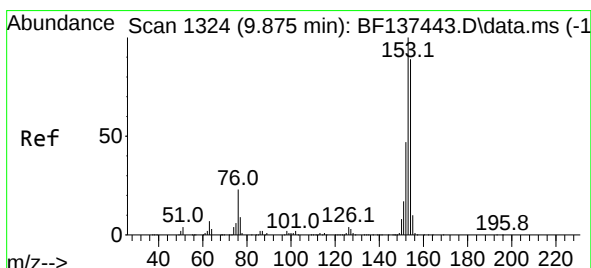
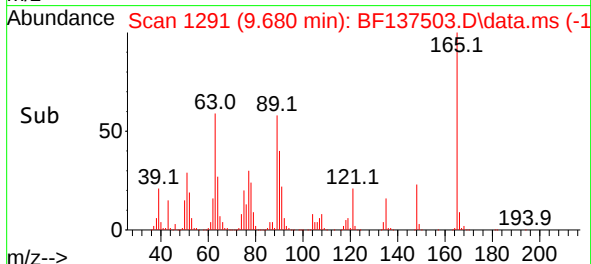
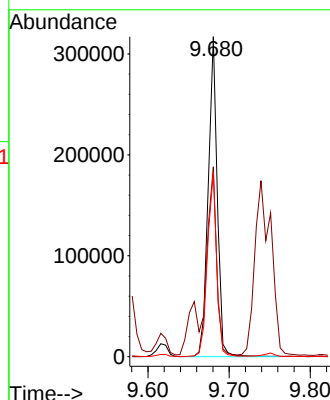
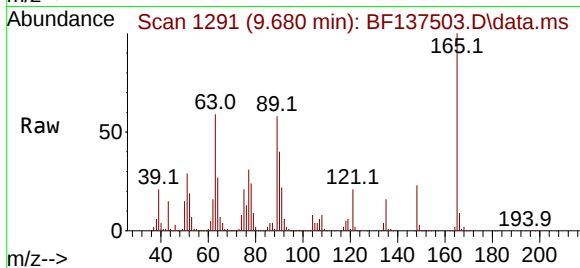
Tgt Ion:165 Resp: 245089

Ion Ratio Lower Upper

165 100

63 59.4 50.7 76.1

89 57.6 50.0 75.0



#52

Acenaphthene

Concen: 41.755 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

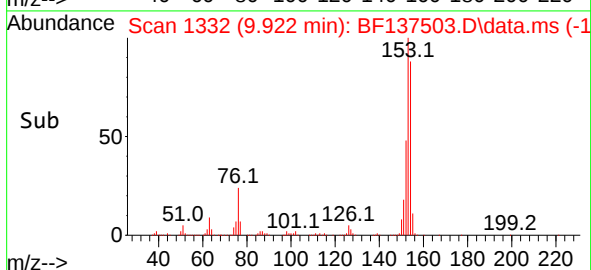
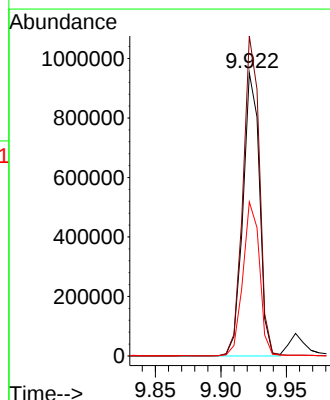
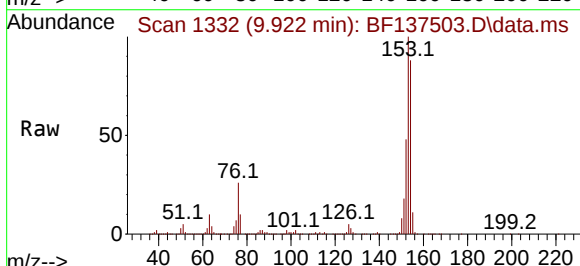
Tgt Ion:154 Resp: 838184

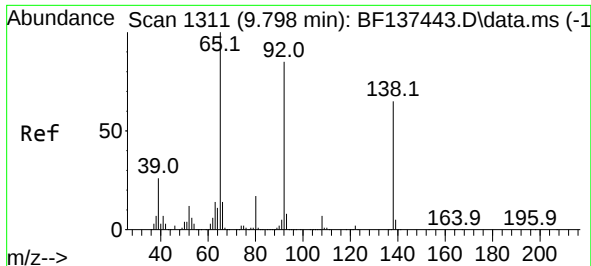
Ion Ratio Lower Upper

154 100

153 113.0 90.3 135.5

152 54.4 42.7 64.1

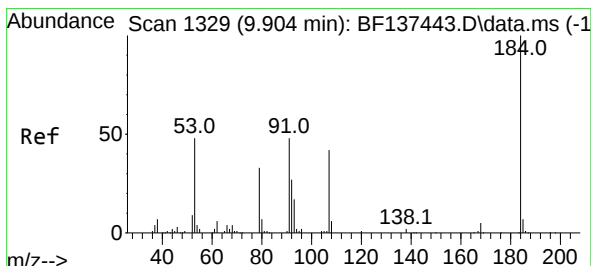
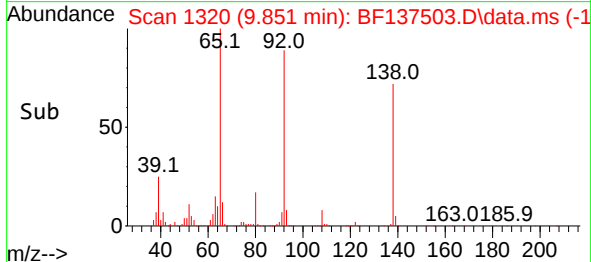
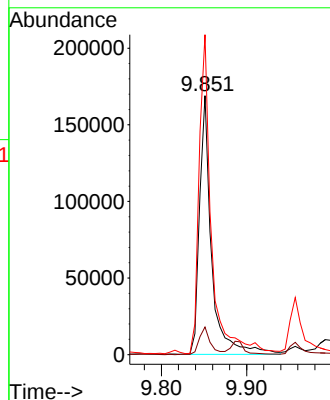
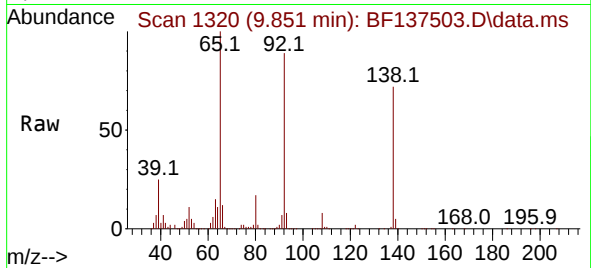




#53
3-Nitroaniline
Concen: 28.600 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

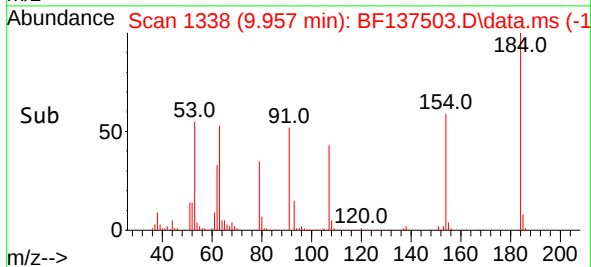
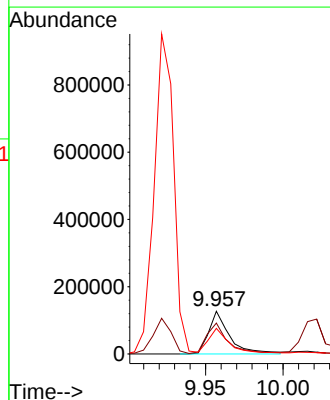
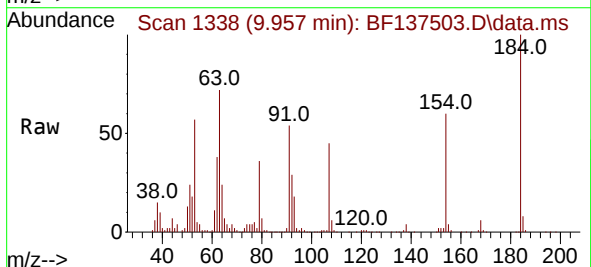
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

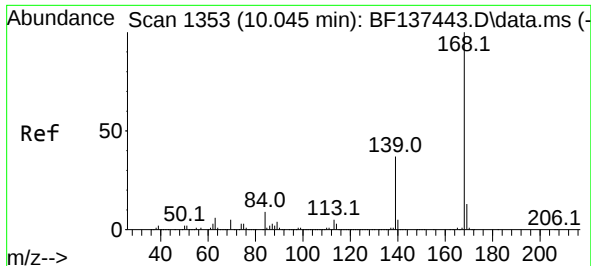
Tgt Ion:138 Resp: 165844
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 123.6 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 48.049 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:184 Resp: 118686
Ion Ratio Lower Upper
184 100
63 72.1 53.3 79.9
154 59.8 47.4 71.0

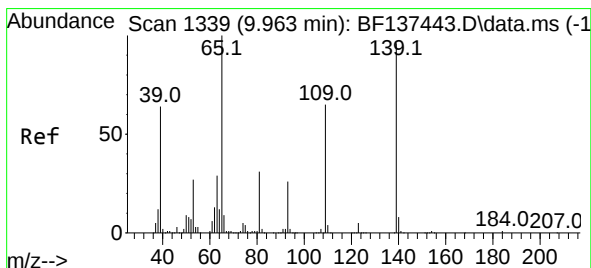
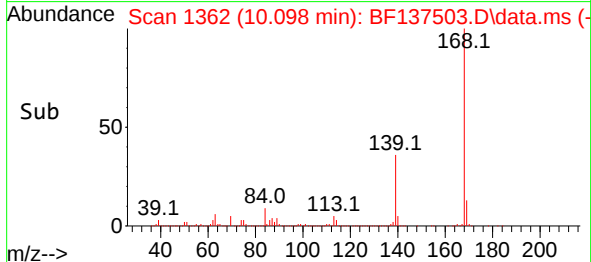
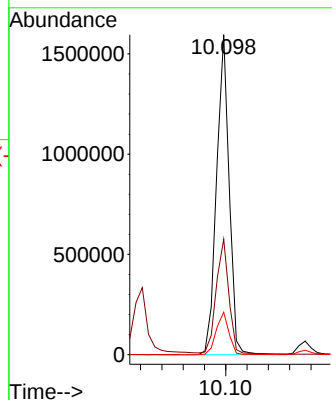
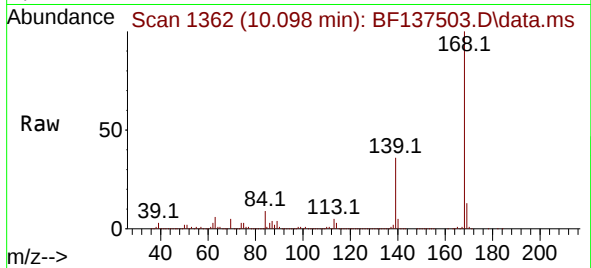




#55
Dibenzenofuran
Concen: 42.562 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

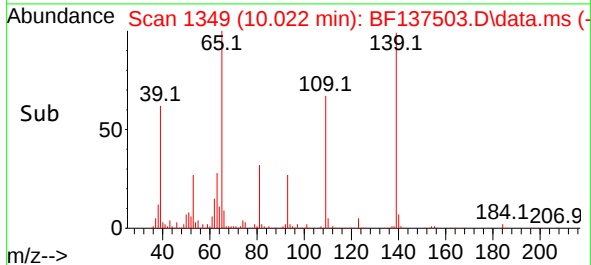
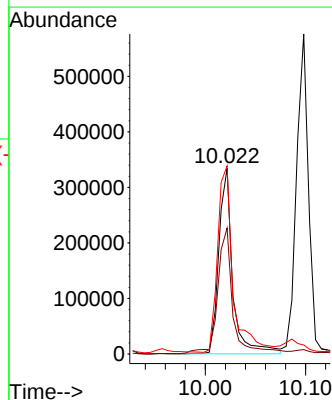
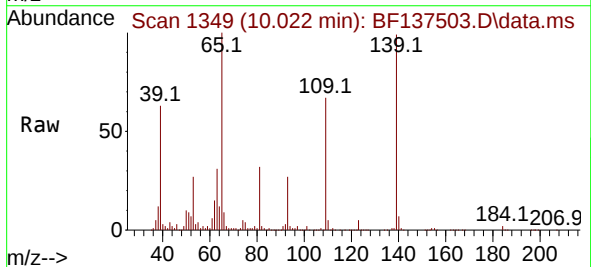
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

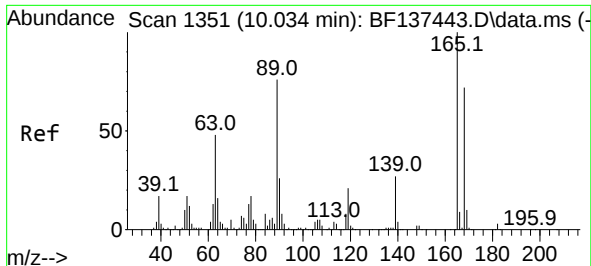
Tgt Ion:168 Resp: 1301303
Ion Ratio Lower Upper
168 100
139 36.1 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 78.250 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:139 Resp: 322382
Ion Ratio Lower Upper
139 100
109 67.8 47.1 87.1
65 101.2 85.1 125.1

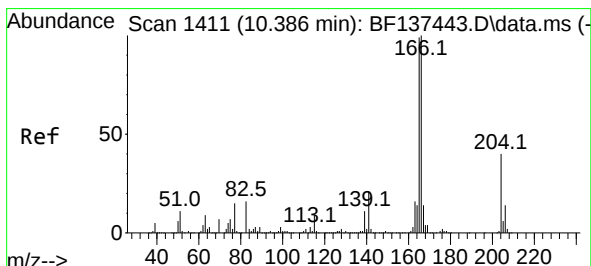
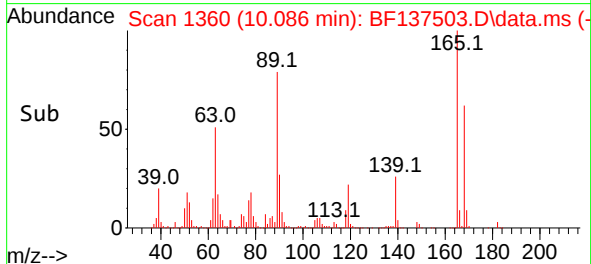
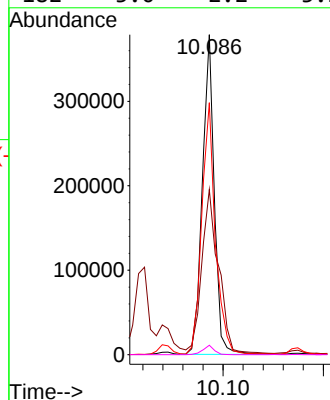
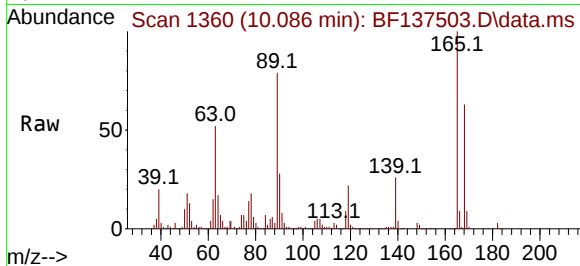




#57
2,4-Dinitrotoluene
Concen: 46.604 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

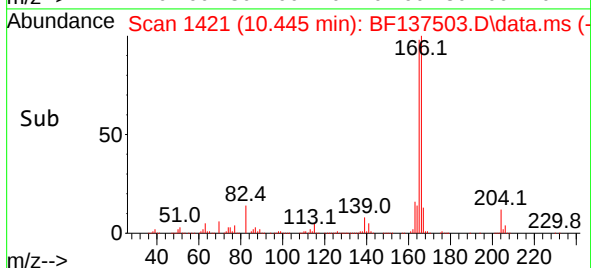
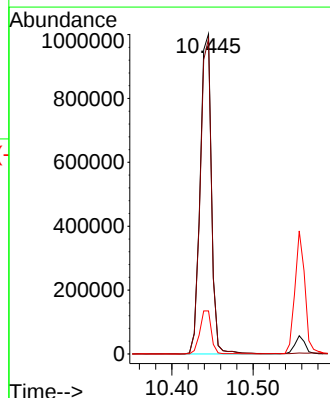
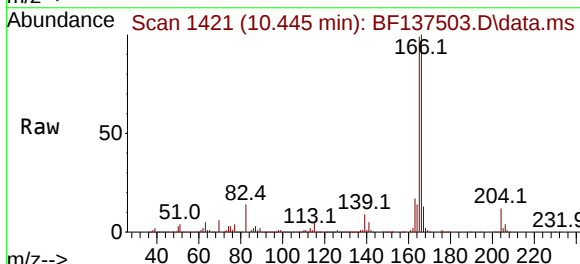
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

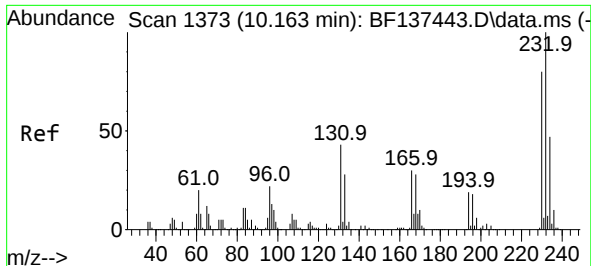
Tgt Ion:165 Resp: 313883
Ion Ratio Lower Upper
165 100
63 51.6 39.0 58.6
89 78.7 60.9 91.3
182 3.0 2.2 3.2



#58
Fluorene
Concen: 41.236 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:166 Resp: 968241
Ion Ratio Lower Upper
166 100
165 98.5 79.2 118.8
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.807 ng

RT: 10.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:232 Resp: 258030

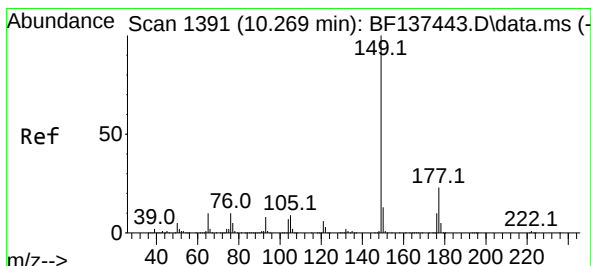
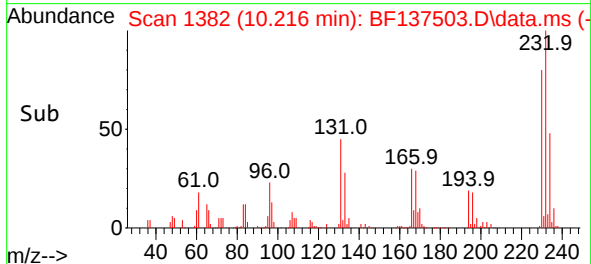
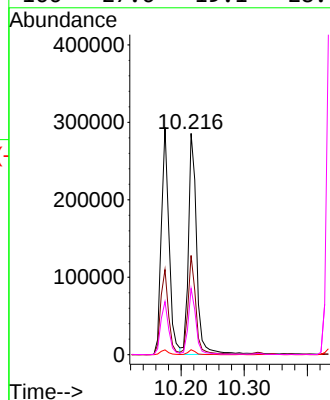
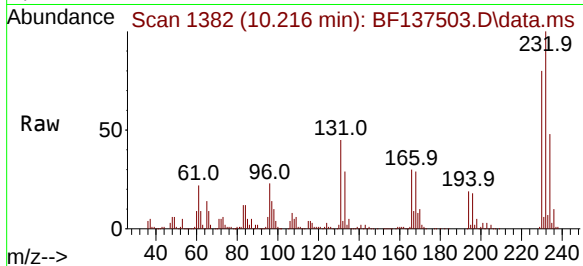
Ion Ratio Lower Upper

232 100

131 42.0 31.2 46.8

130 1.9 1.8 2.6

166 27.6 19.1 28.7



#60

Diethylphthalate

Concen: 43.244 ng

RT: 10.322 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

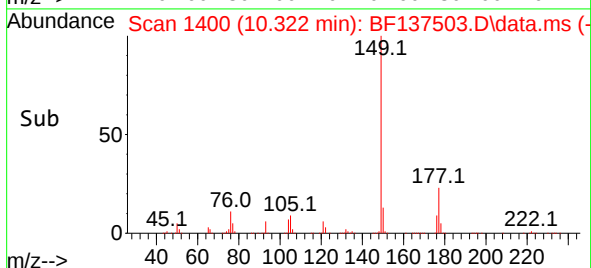
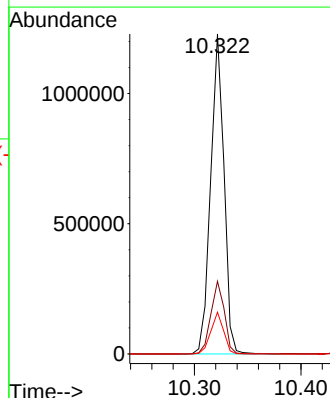
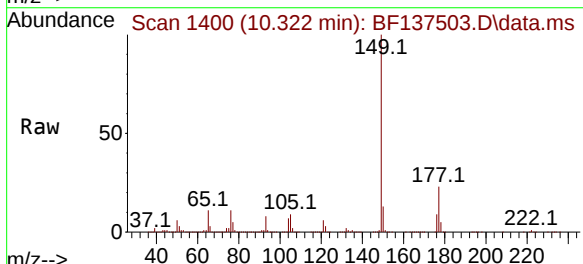
Tgt Ion:149 Resp: 1070325

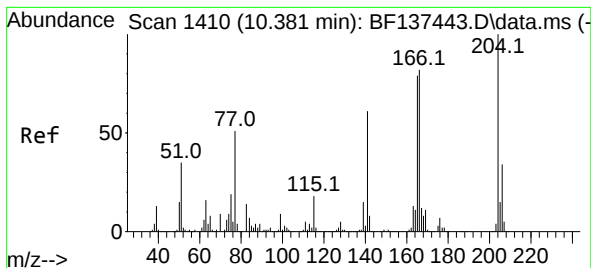
Ion Ratio Lower Upper

149 100

177 22.7 18.7 28.1

150 13.0 10.2 15.4

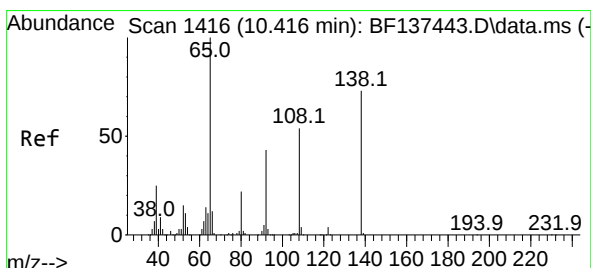
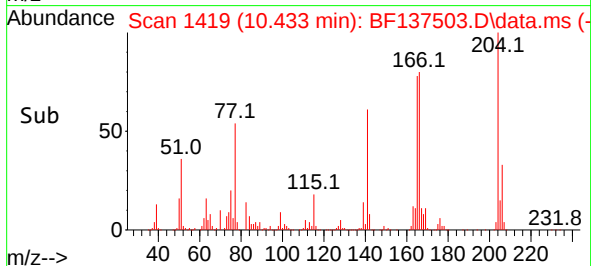
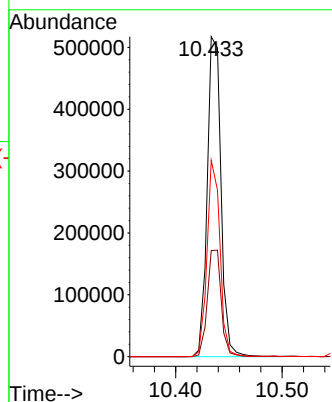
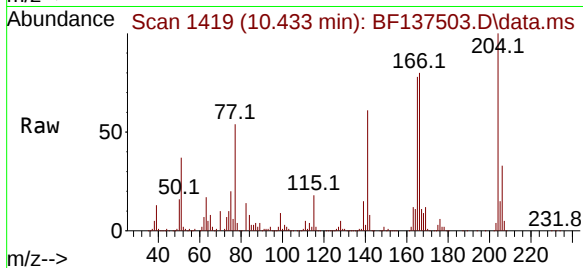




#61
4-Chlorophenyl-phenylether
Concen: 40.602 ng
RT: 10.433 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

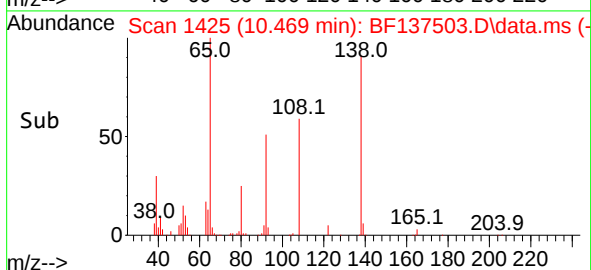
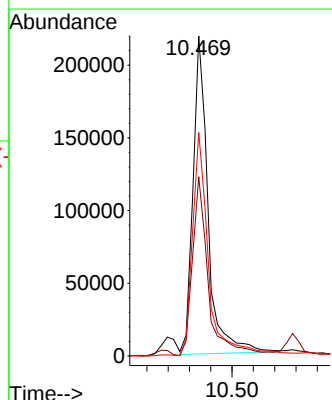
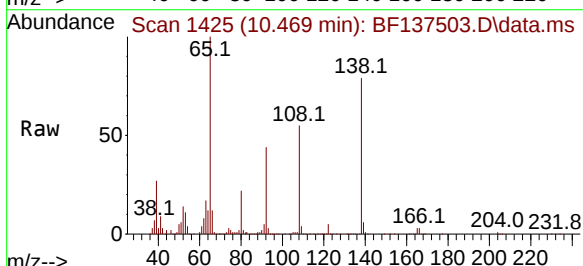
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

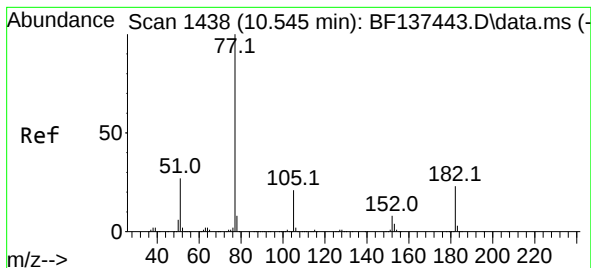
Tgt Ion:204 Resp: 467229
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.0
141 61.3 48.4 72.6



#62
4-Nitroaniline
Concen: 43.056 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:138 Resp: 214582
Ion Ratio Lower Upper
138 100
92 56.0 37.9 77.9
108 69.8 53.2 93.2





#63

Azobenzene

Concen: 42.703 ng

RT: 10.598 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 77 Resp: 1217045

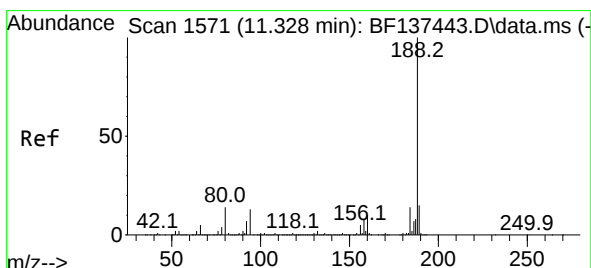
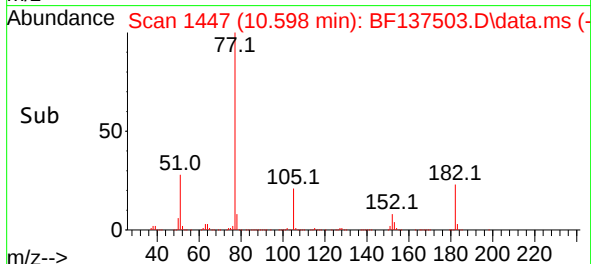
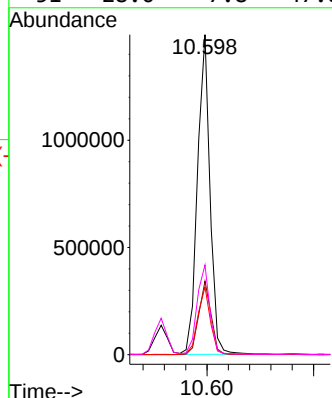
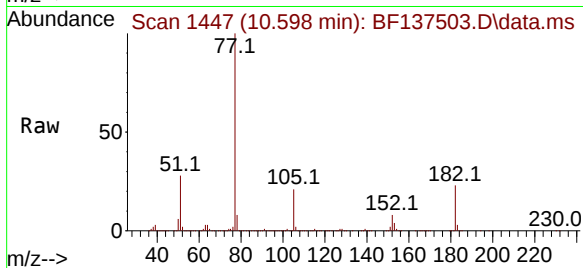
Ion Ratio Lower Upper

77 100

182 23.0 3.2 43.2

105 21.2 1.2 41.2

51 28.0 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

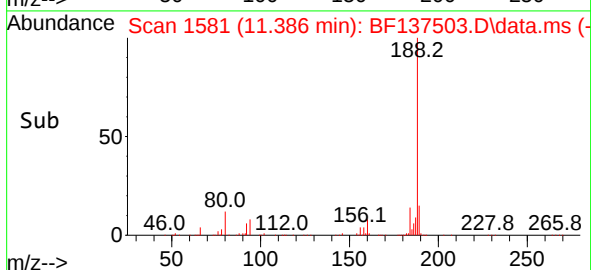
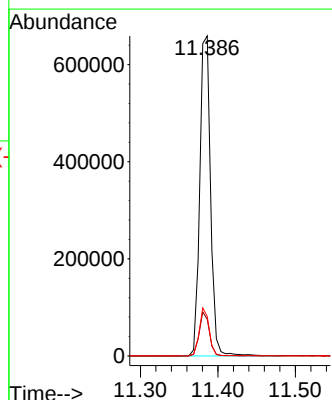
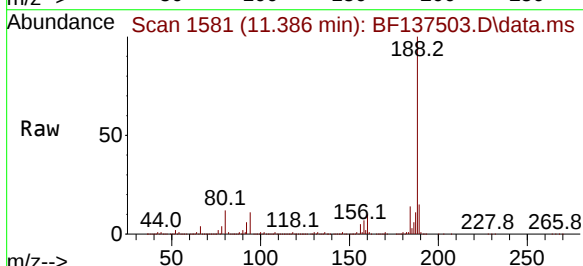
Tgt Ion:188 Resp: 636957

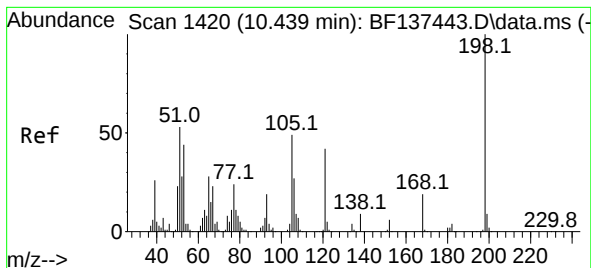
Ion Ratio Lower Upper

188 100

94 11.4 10.6 15.8

80 12.3 11.5 17.3

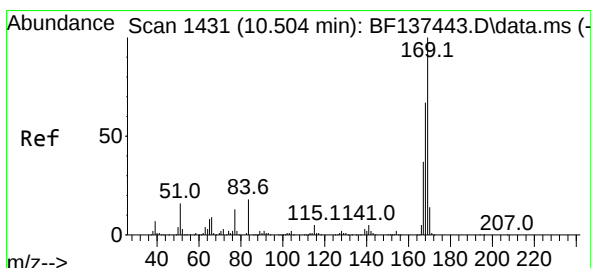
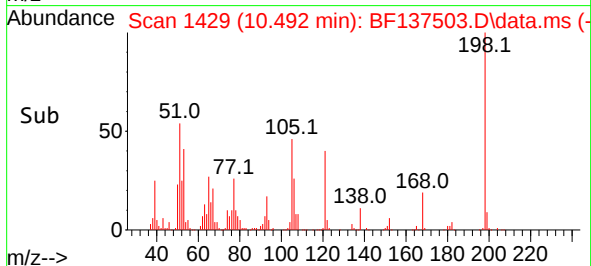
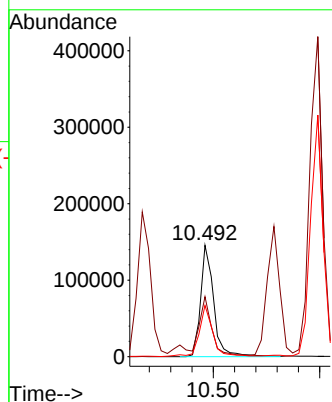
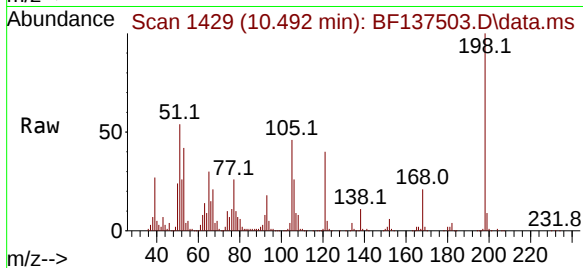




#65
4,6-Dinitro-2-methylphenol
Concen: 35.268 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

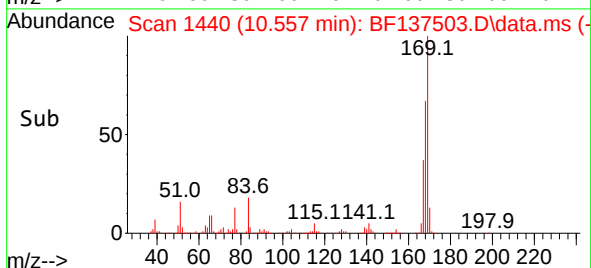
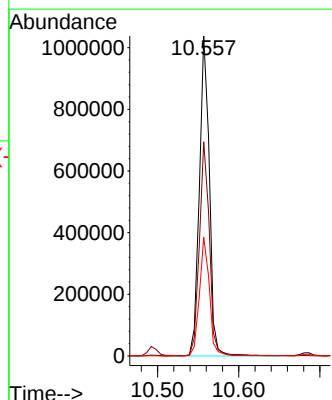
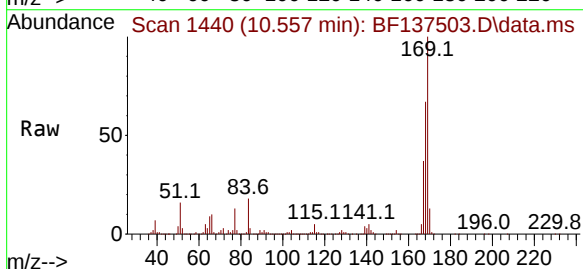
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

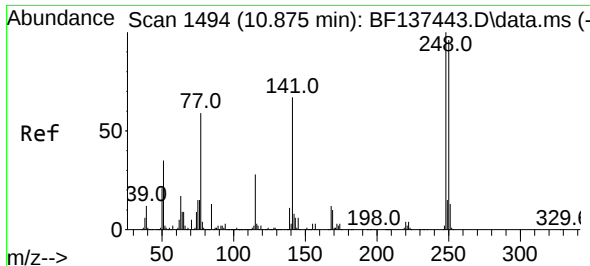
Tgt Ion:198 Resp: 125205
Ion Ratio Lower Upper
198 100
51 53.9 37.2 77.2
105 45.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 43.513 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:169 Resp: 892496
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 37.1 29.6 44.4

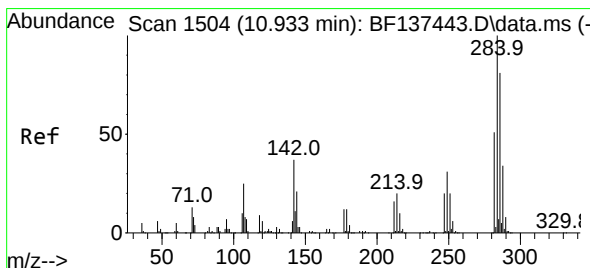
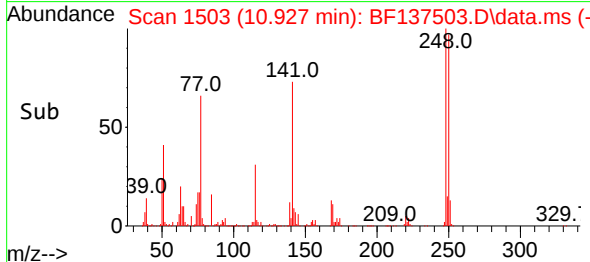
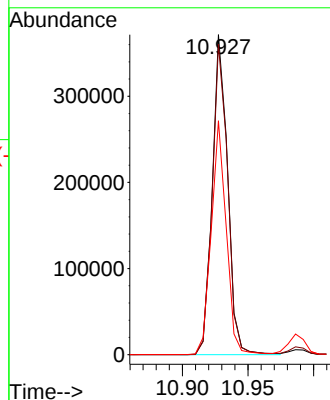
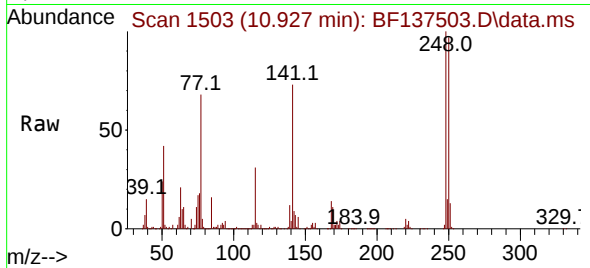




#67
4-Bromophenyl-phenylether
Concen: 43.680 ng
RT: 10.927 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

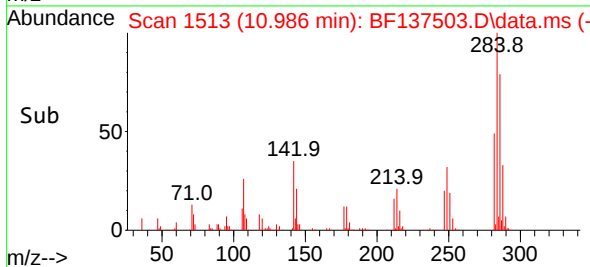
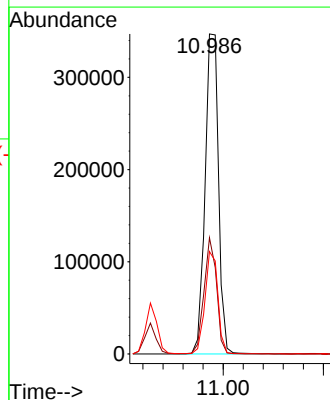
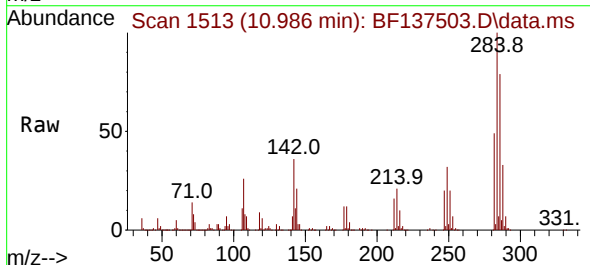
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

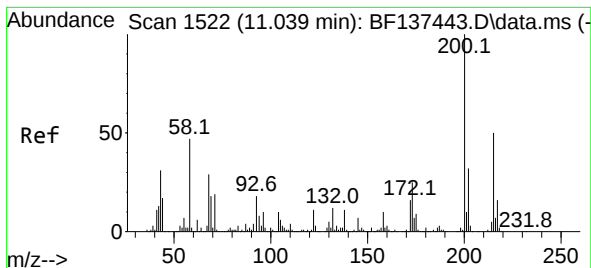
Tgt Ion:248 Resp: 303032
Ion Ratio Lower Upper
248 100
250 97.0 76.8 115.2
141 73.1 53.4 80.0



#68
Hexachlorobenzene
Concen: 46.459 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:284 Resp: 325540
Ion Ratio Lower Upper
284 100
142 36.3 29.4 44.0
249 32.0 25.0 37.4





#69

Atrazine

Concen: 45.818 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

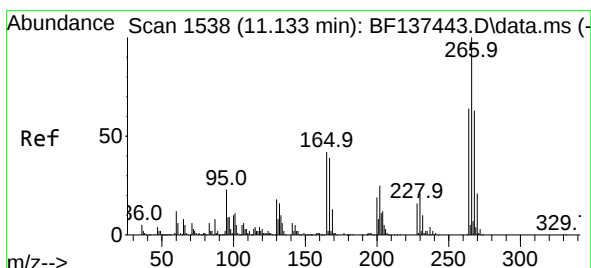
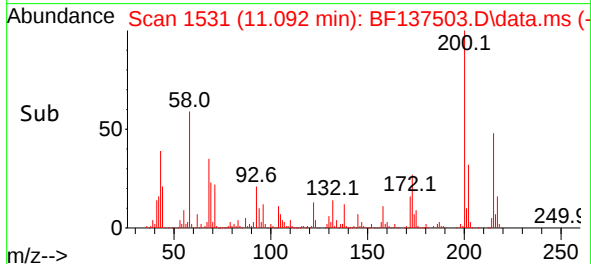
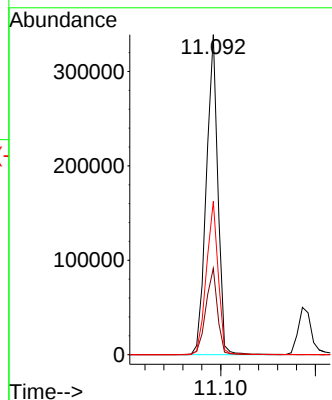
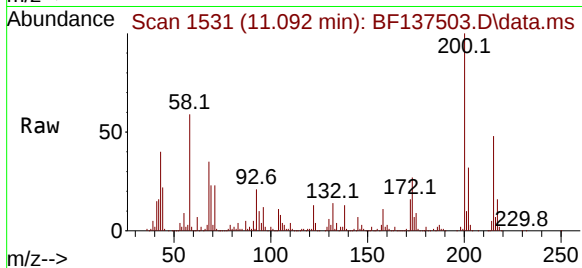
Tgt Ion:200 Resp: 285684

Ion Ratio Lower Upper

200 100

173 27.0 5.1 45.1

215 47.9 30.4 70.4



#70

Pentachlorophenol

Concen: 64.310 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

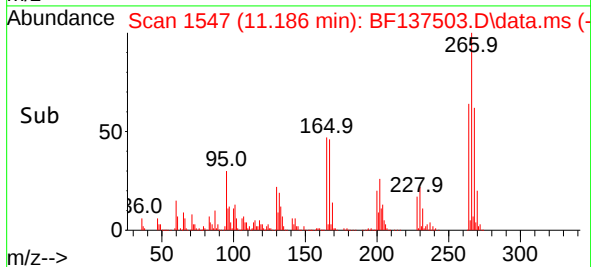
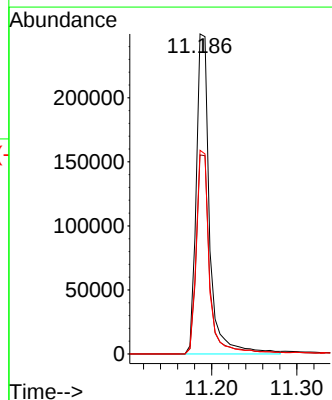
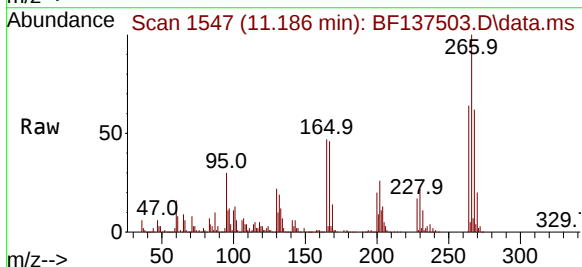
Tgt Ion:266 Resp: 272410

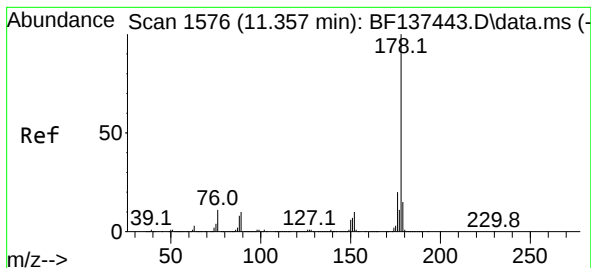
Ion Ratio Lower Upper

266 100

268 62.2 50.2 75.2

264 63.6 50.9 76.3





#71

Phenanthrene

Concen: 42.908 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

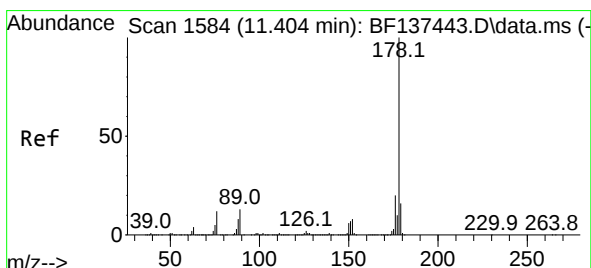
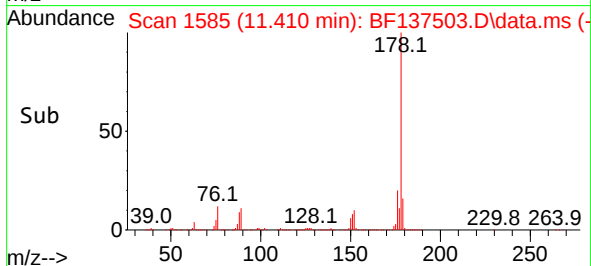
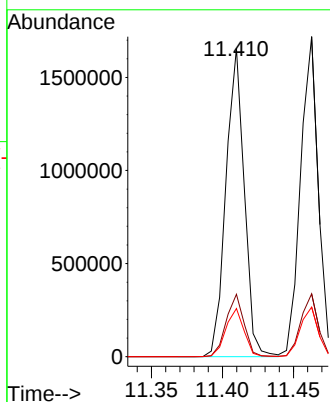
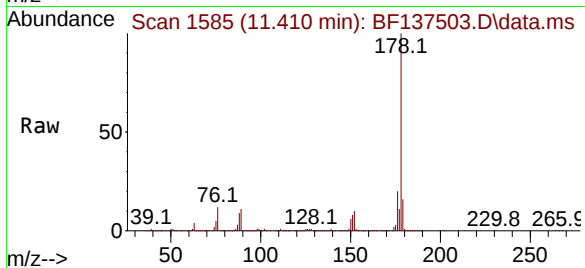
Tgt Ion:178 Resp: 1487375

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 15.6 12.2 18.2



#72

Anthracene

Concen: 43.057 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

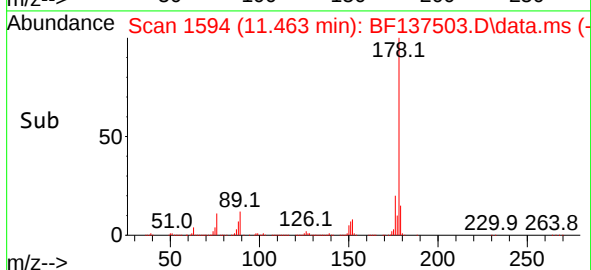
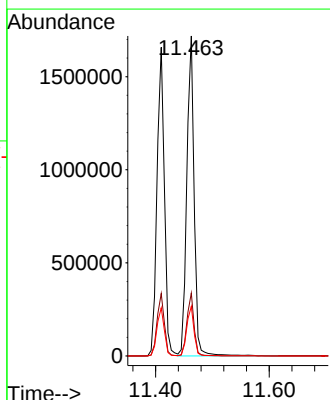
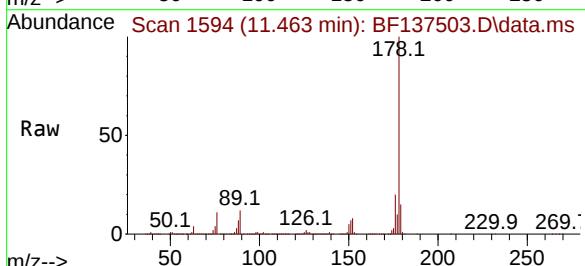
Tgt Ion:178 Resp: 1532941

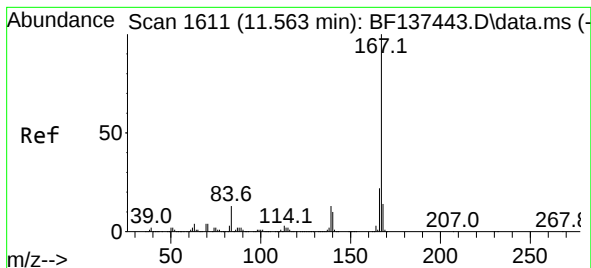
Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.5 12.7 19.1





#73

Carbazole

Concen: 43.971 ng

RT: 11.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

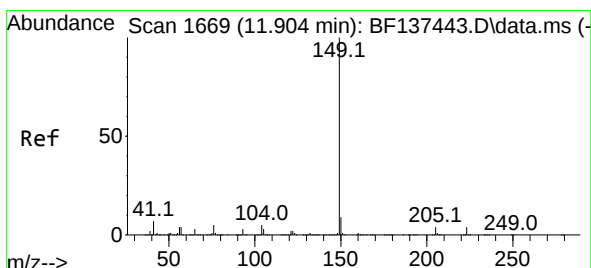
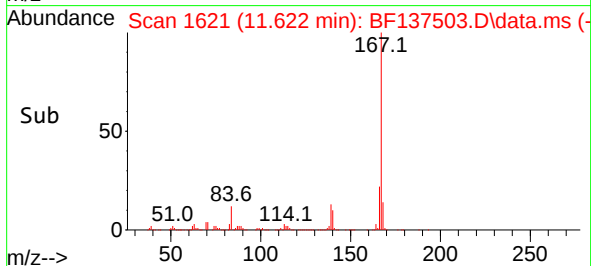
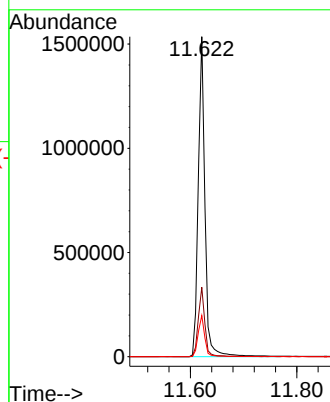
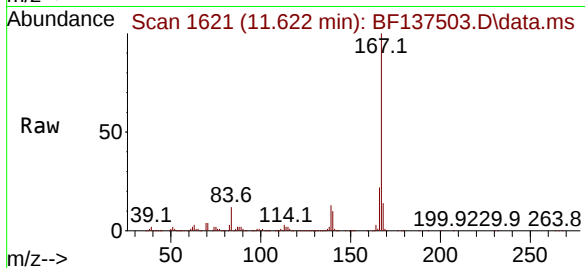
Tgt Ion:167 Resp: 1340930

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

139 12.8 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.595 ng

RT: 11.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

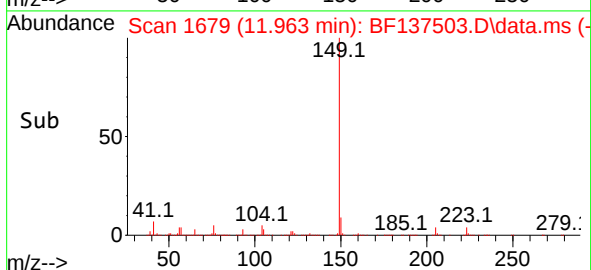
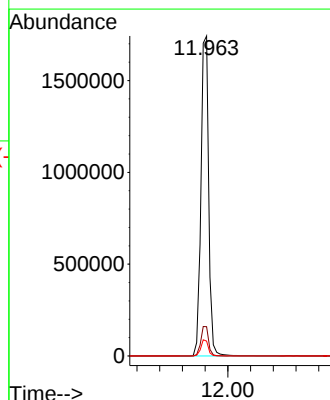
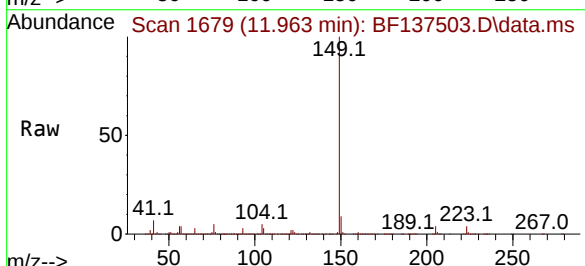
Tgt Ion:149 Resp: 1654324

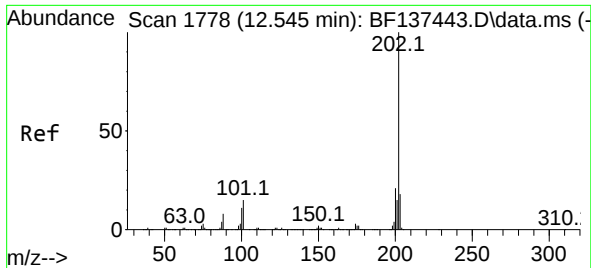
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.6 3.8 5.6

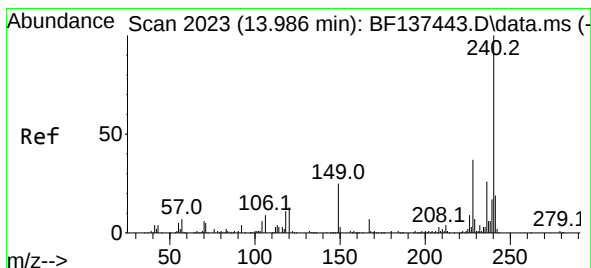
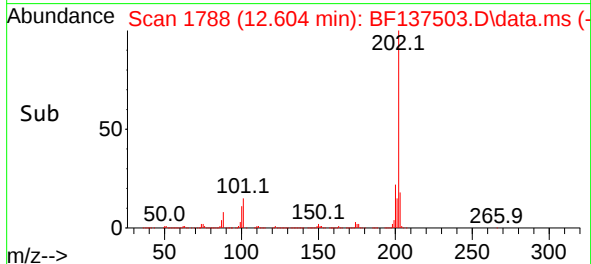
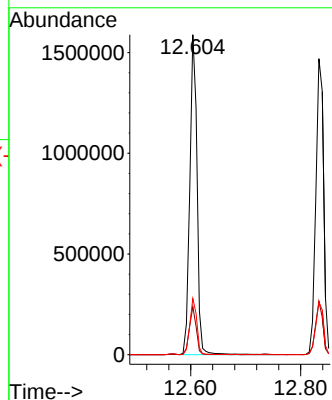
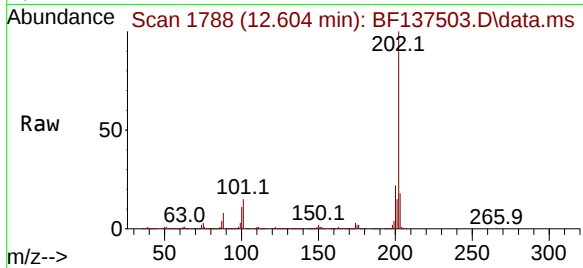




#75
Fluoranthene
Concen: 42.648 ng
RT: 12.604 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

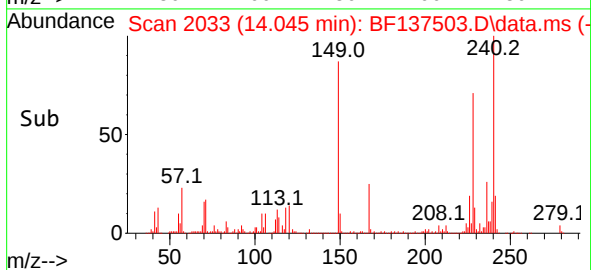
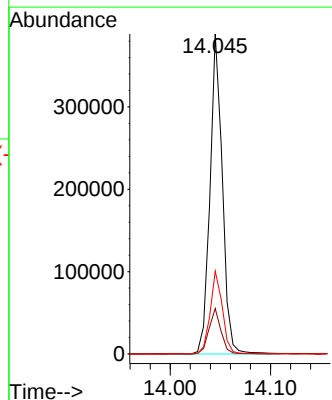
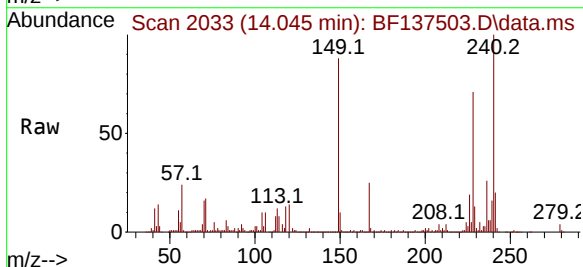
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

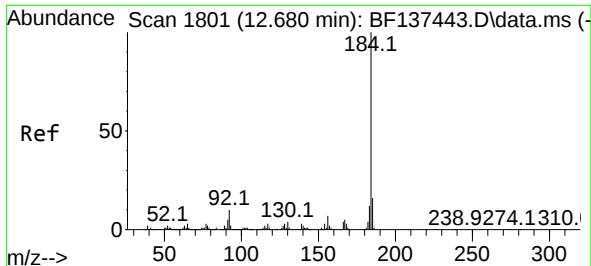
Tgt Ion:202 Resp: 1445071
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.0
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:240 Resp: 334315
Ion Ratio Lower Upper
240 100
120 14.2 10.4 15.6
236 25.9 20.9 31.3

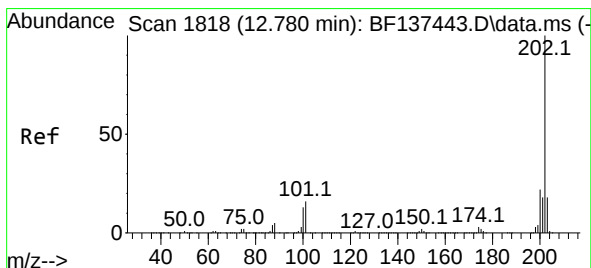
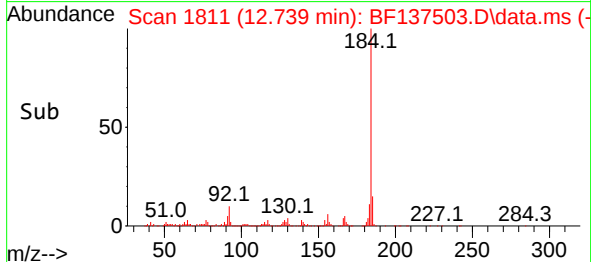
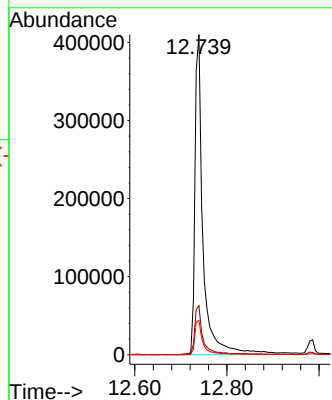
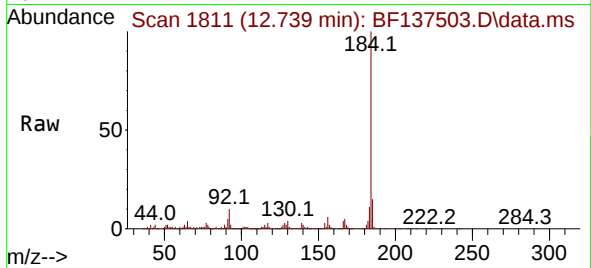




#77
Benzidine
Concen: 61.149 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

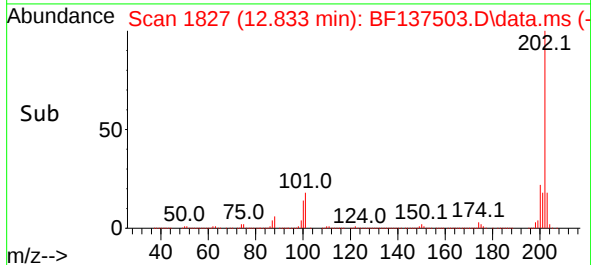
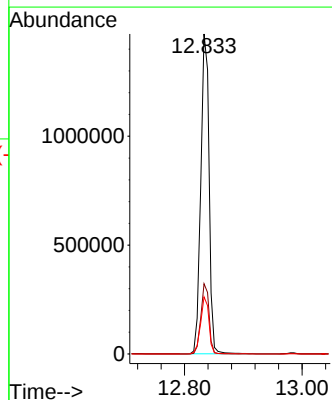
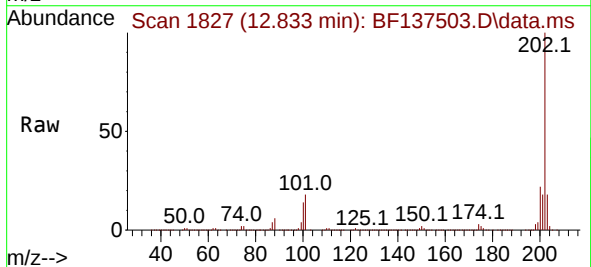
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

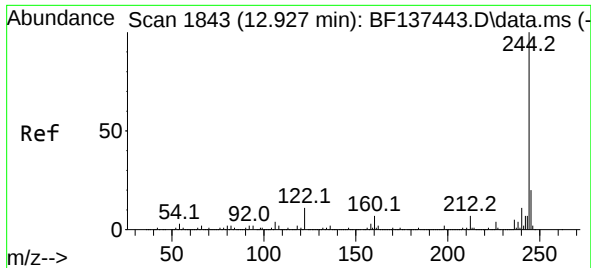
Tgt Ion:184 Resp: 500291
Ion Ratio Lower Upper
184 100
185 15.3 13.2 19.8
183 10.7 9.3 13.9



#78
Pyrene
Concen: 43.850 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:202 Resp: 1438435
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.9 14.1 21.1

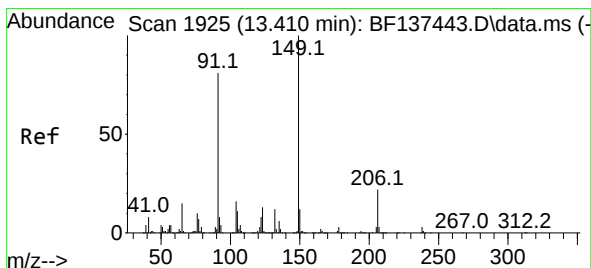
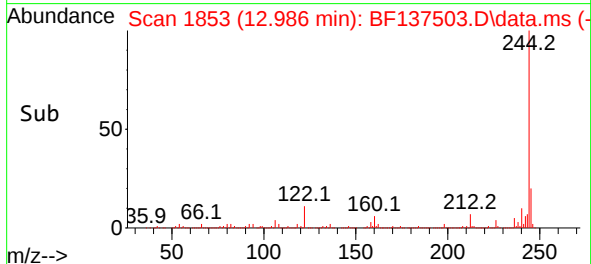
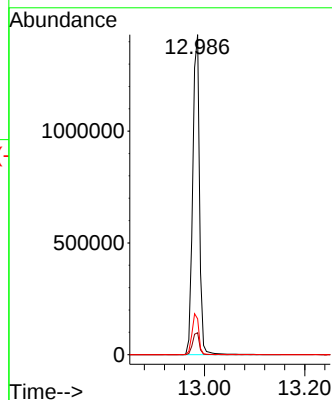
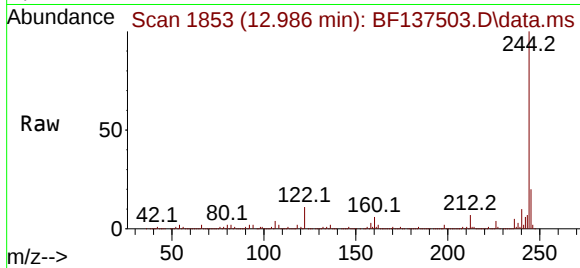




#79
 Terphenyl-d14
 Concen: 54.947 ng
 RT: 12.986 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137503.D
 Acq: 05 Mar 2024 16:32

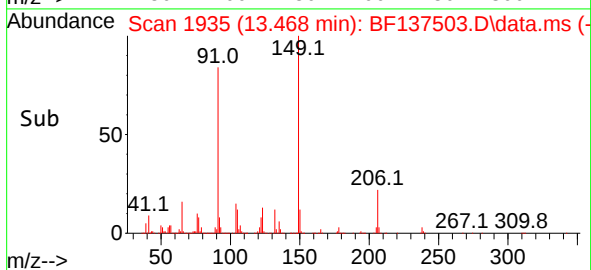
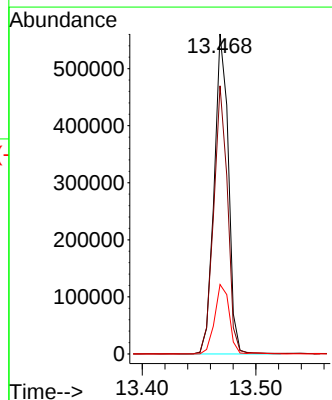
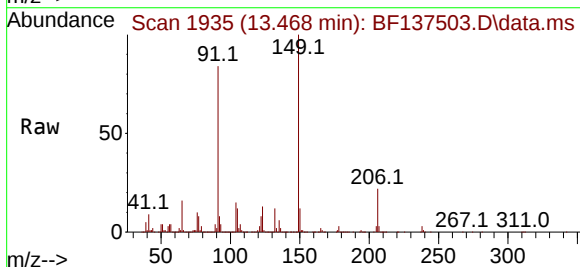
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

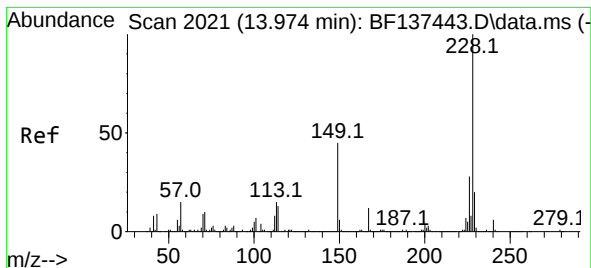
Tgt Ion:244 Resp: 1335859
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.2 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 58.320 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF137503.D
 Acq: 05 Mar 2024 16:32

Tgt Ion:149 Resp: 488588
 Ion Ratio Lower Upper
 149 100
 91 83.8 64.7 97.1
 206 21.7 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.872 ng

RT: 14.033 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

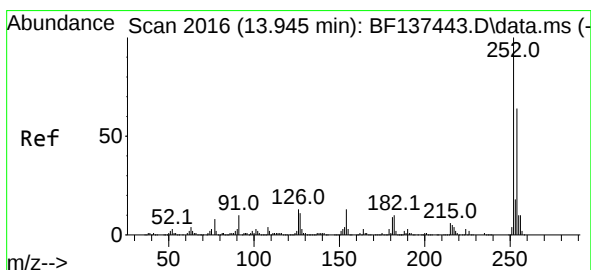
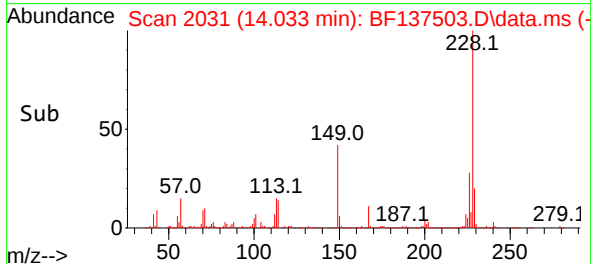
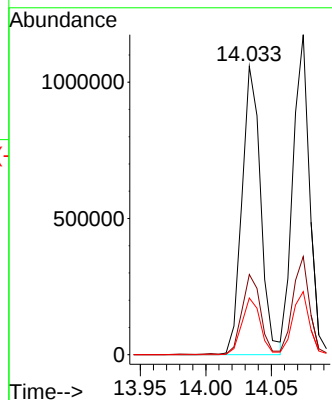
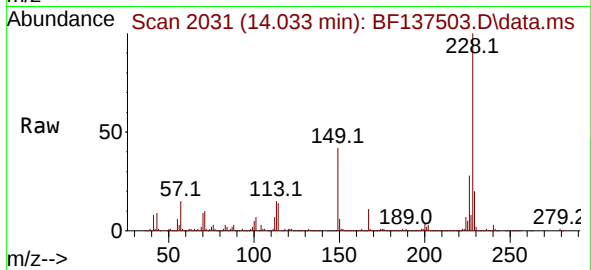
Tgt Ion:228 Resp: 1051432

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 19.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 31.546 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

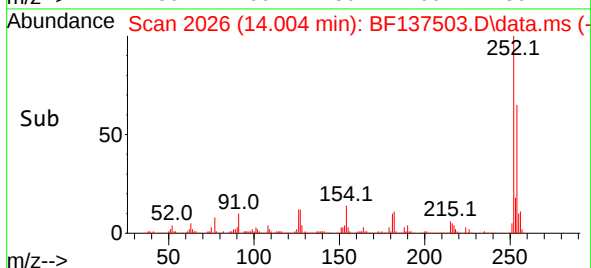
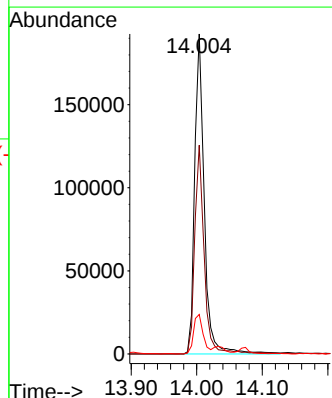
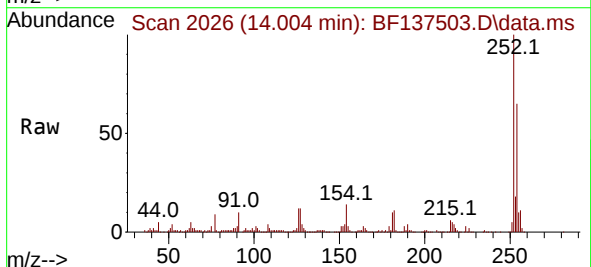
Tgt Ion:252 Resp: 196847

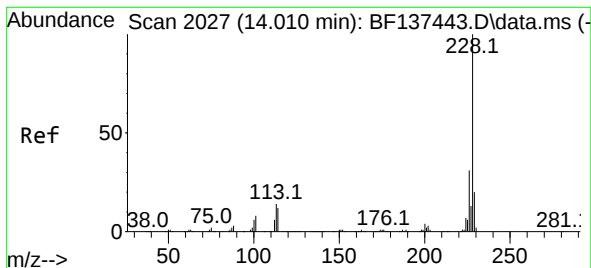
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.2

126 12.3 10.4 15.6





#83

Chrysene

Concen: 44.339 ng

RT: 14.074 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

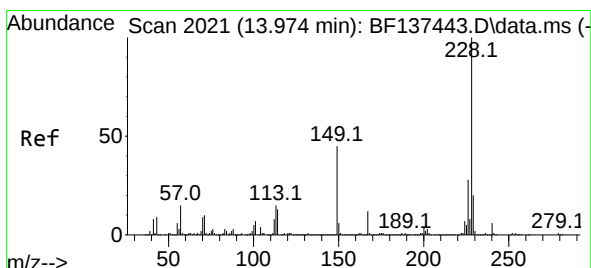
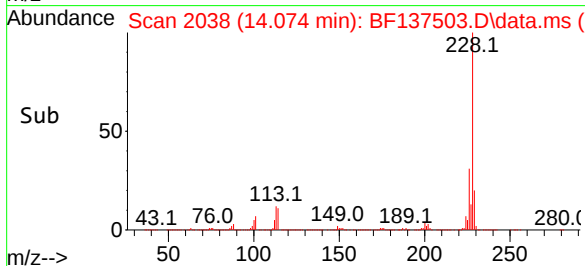
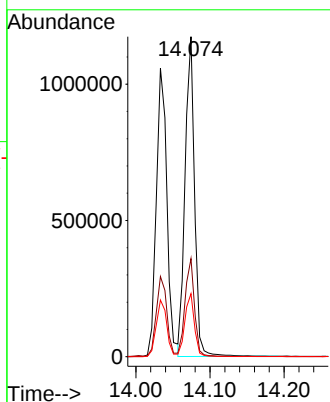
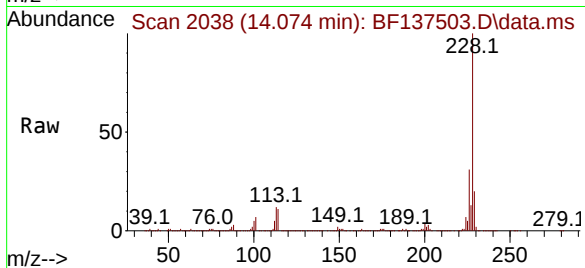
Tgt Ion:228 Resp: 1050065

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.621 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

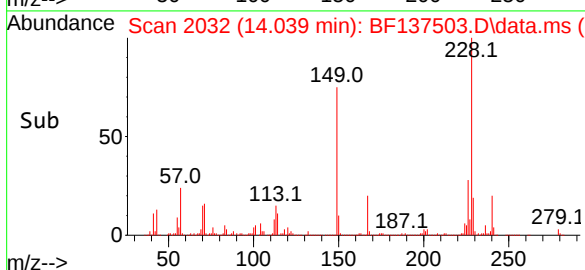
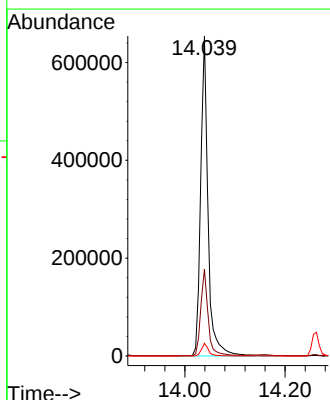
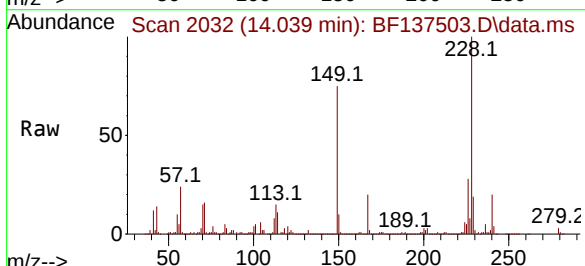
Tgt Ion:149 Resp: 666802

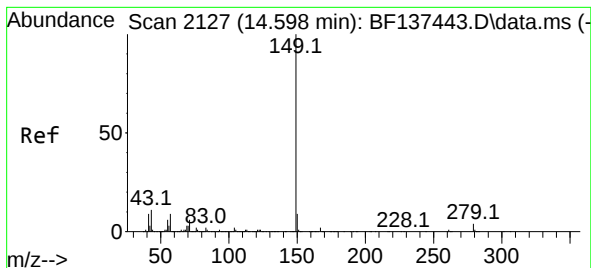
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 56.106 ng

RT: 14.663 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

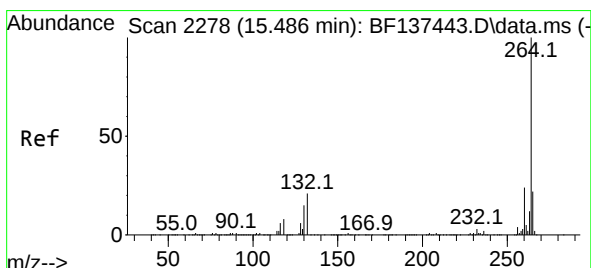
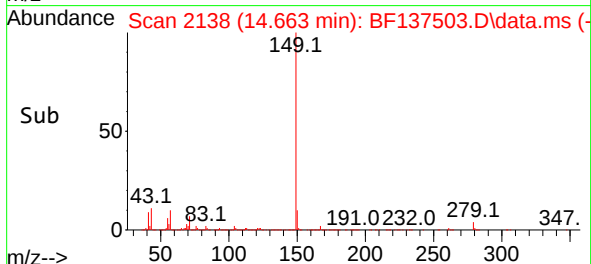
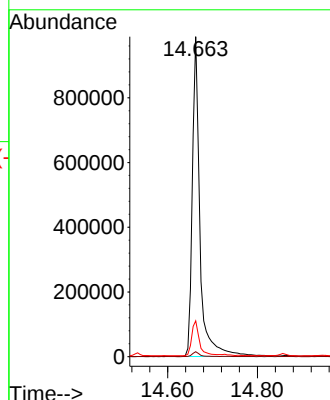
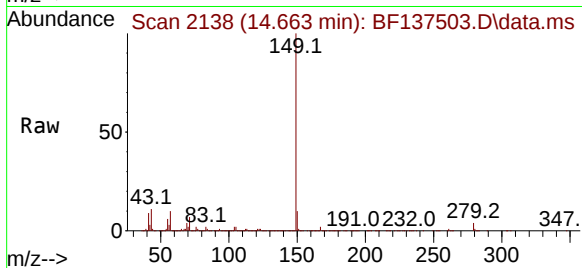
Tgt Ion:149 Resp: 1173406

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: BF137503.D

Acq: 05 Mar 2024 16:32

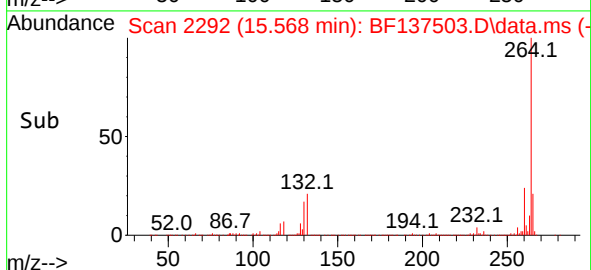
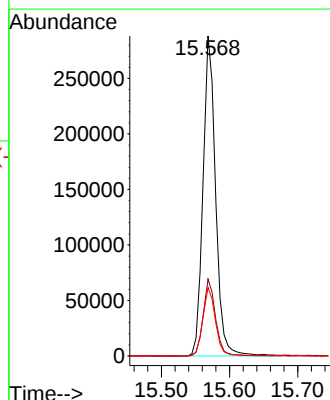
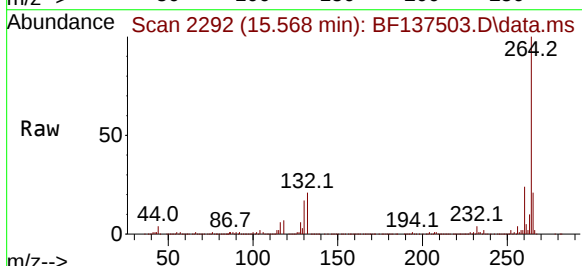
Tgt Ion:264 Resp: 371646

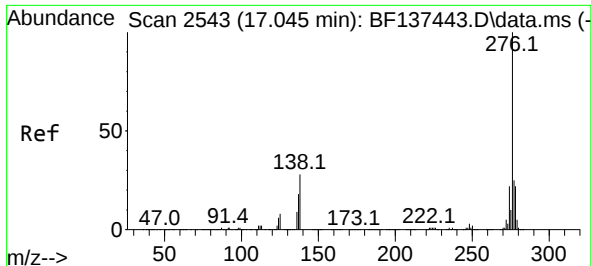
Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.4 17.4 26.0

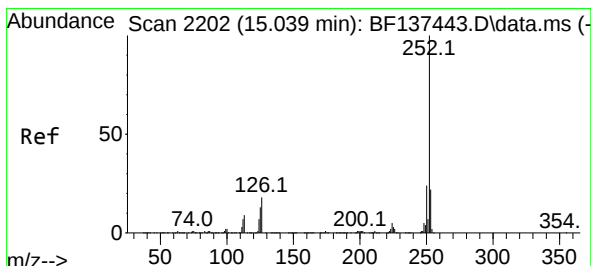
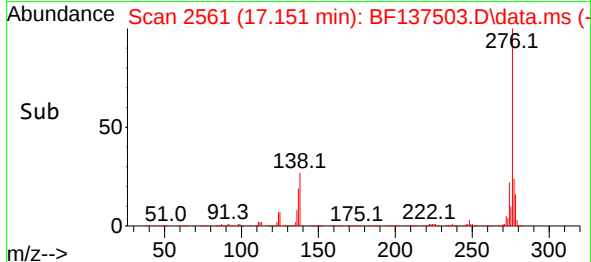
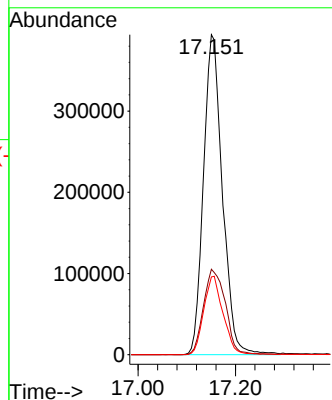
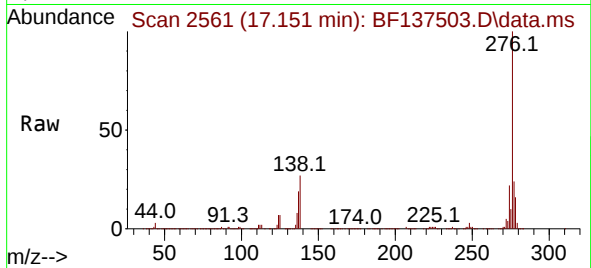




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.484 ng
 RT: 17.151 min Scan# 2116
 Delta R.T. -0.006 min
 Lab File: BF137503.D
 Acq: 05 Mar 2024 16:32

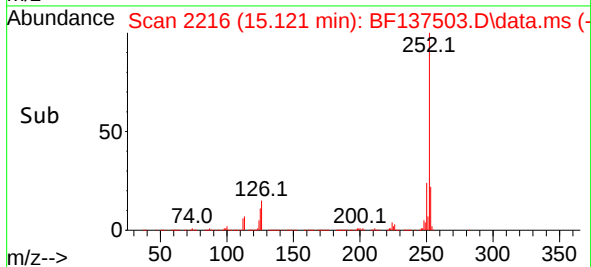
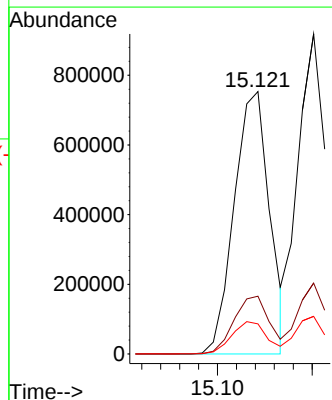
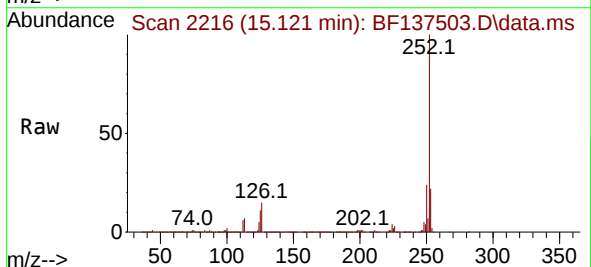
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

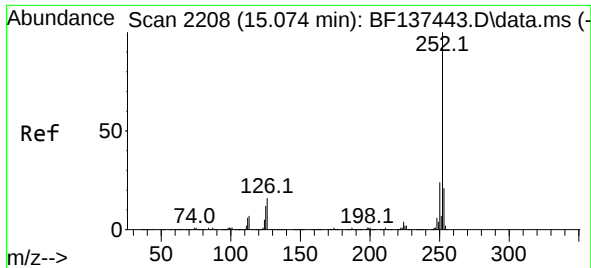
Tgt Ion:276 Resp: 1063486
 Ion Ratio Lower Upper
 276 100
 138 30.9 25.8 38.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 44.503 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. 0.006 min
 Lab File: BF137503.D
 Acq: 05 Mar 2024 16:32

Tgt Ion:252 Resp: 978372
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 11.4 10.1 15.1

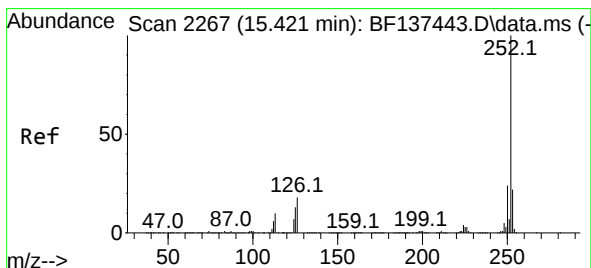
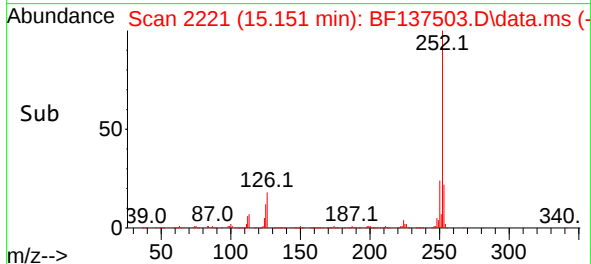
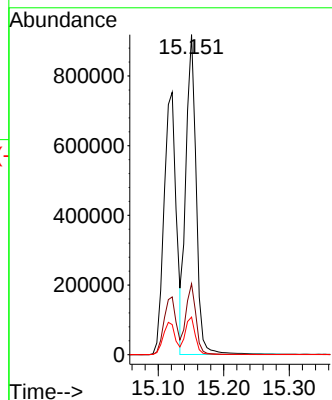
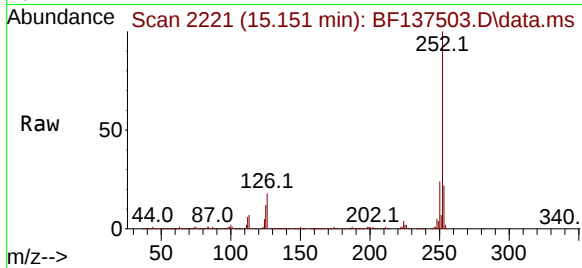




#89
Benzo(k)fluoranthene
Concen: 42.044 ng
RT: 15.151 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

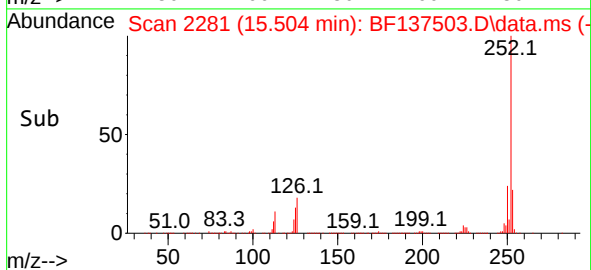
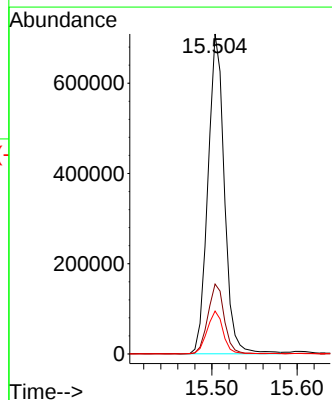
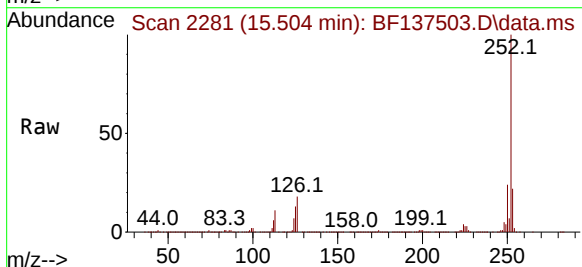
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

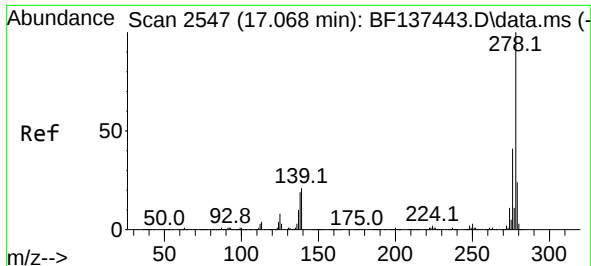
Tgt Ion:252 Resp: 992795
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.7 9.6 14.4



#90
Benzo(a)pyrene
Concen: 43.779 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:252 Resp: 948452
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 13.4 10.4 15.6

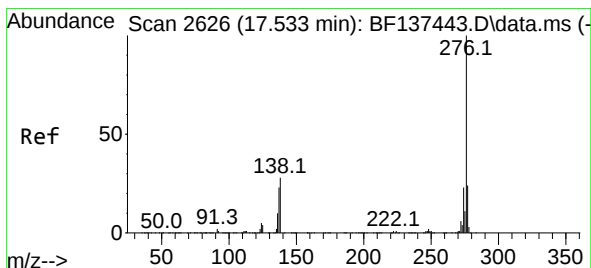
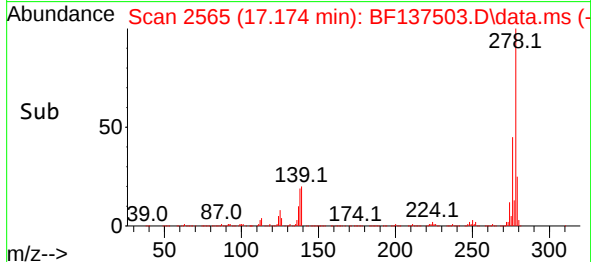
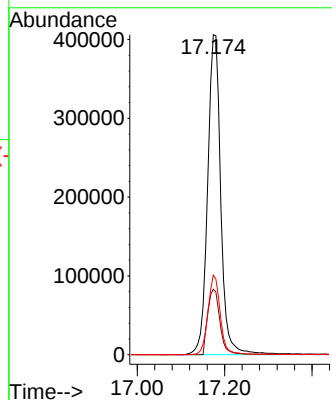
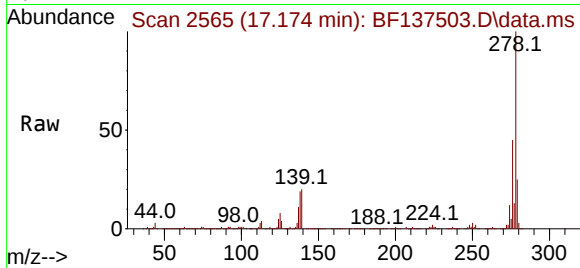




#91
Dibenzo(a,h)anthracene
Concen: 42.888 ng
RT: 17.174 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:278 Resp: 850887
Ion Ratio Lower Upper
278 100
139 20.5 17.0 25.6
279 24.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 39.363 ng
RT: 17.627 min Scan# 2642
Delta R.T. -0.012 min
Lab File: BF137503.D
Acq: 05 Mar 2024 16:32

Tgt Ion:276 Resp: 802028
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 27.5 22.2 33.2

