

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137521.D
 Acq On : 06 Mar 2024 16:25
 Operator : CG\JU
 Sample : P1685-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12002MS

Quant Time: Mar 06 16:46:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	219411	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	860977	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	459862	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	690637	20.000	ng	0.00
76) Chrysene-d12	14.051	240	376448	20.000	ng	0.00
86) Perylene-d12	15.574	264	466768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1274516	87.977	ng	0.00
7) Phenol-d6	6.504	99	1752416	83.801	ng	0.00
23) Nitrobenzene-d5	7.416	82	1073699	57.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	328260	81.285	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1660605	56.527	ng	0.00
79) Terphenyl-d14	12.980	244	1244656	45.465	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	322044	40.656	ng	99
3) Pyridine	3.528	79	753926	39.464	ng	100
4) n-Nitrosodimethylamine	3.510	42	363329	47.032	ng	98
6) Aniline	6.528	93	626581	24.522	ng	98
8) 2-Chlorophenol	6.645	128	719317	47.076	ng	96
9) Benzaldehyde	6.416	77	374172	36.523	ng	97
10) Phenol	6.516	94	1004904	44.647	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	750256	45.488	ng	99
12) 1,3-Dichlorobenzene	6.798	146	750818	45.984	ng	97
13) 1,4-Dichlorobenzene	6.875	146	766827	45.901	ng	99
14) 1,2-Dichlorobenzene	7.022	146	723621	47.192	ng	98
15) Benzyl Alcohol	7.004	79	667839	51.299	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1186130	41.837	ng	97
17) 2-Methylphenol	7.116	107	588792	41.180	ng	97
18) Hexachloroethane	7.363	117	263695	47.938	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	532922	41.270	ng	99
20) 3+4-Methylphenols	7.269	107	676694	41.324	ng	96
22) Acetophenone	7.263	105	922622	44.289	ng	# 97
24) Nitrobenzene	7.439	77	838932	45.069	ng	97
25) Isophorone	7.675	82	1552826	44.110	ng	99
26) 2-Nitrophenol	7.751	139	369710	50.028	ng	98
27) 2,4-Dimethylphenol	7.792	122	510572	36.975	ng	98
28) bis(2-Chloroethoxy)met...	7.886	93	937626	45.394	ng	98
29) 2,4-Dichlorophenol	7.992	162	584424	46.115	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	620405	46.519	ng	99
31) Naphthalene	8.157	128	2002483	43.349	ng	99
32) Benzoic acid	7.916	122	203909	28.576	ng	98
33) 4-Chloroaniline	8.210	127	147631	8.150	ng	98
34) Hexachlorobutadiene	8.269	225	358288	45.505	ng	99
35) Caprolactam	8.586	113	137596	32.019	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	643238	45.407	ng	99
37) 2-Methylnaphthalene	8.845	142	1238531	42.057	ng	99
38) 1-Methylnaphthalene	8.945	142	1150413	41.482	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	606559	47.246	ng	99
41) Hexachlorocyclopentadiene	8.998	237	412115	78.798	ng	99
43) 2,4,6-Trichlorophenol	9.127	196	396891	47.473	ng	99

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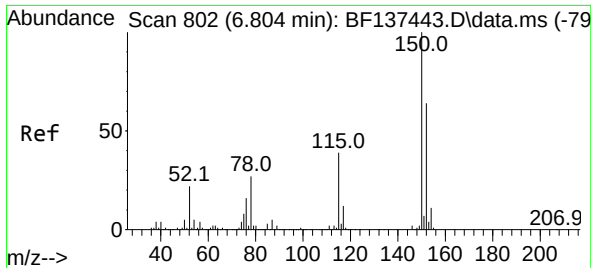
Quant Time: Mar 06 16:46:18 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	424878	44.117	ng	97
46) 1,1'-Biphenyl	9.316	154	1503582	44.673	ng	99
47) 2-Chloronaphthalene	9.339	162	1191311	46.424	ng	98
48) 2-Nitroaniline	9.439	65	418489	47.981	ng	97
49) Acenaphthylene	9.751	152	1876090	45.684	ng	99
50) Dimethylphthalate	9.622	163	1428673	44.630	ng	99
51) 2,6-Dinitrotoluene	9.680	165	313010	46.749	ng	100
52) Acenaphthene	9.927	154	1050823	42.861	ng	99
53) 3-Nitroaniline	9.851	138	156832	22.145	ng	98
54) 2,4-Dinitrophenol	9.957	184	164592	53.443	ng	94
55) Dibenzofuran	10.098	168	1596192	42.746	ng	99
56) 4-Nitrophenol	10.022	139	377823	75.269	ng	97
57) 2,4-Dinitrotoluene	10.086	165	372918	45.334	ng	91
58) Fluorene	10.445	166	1175199	40.979	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	330552	42.802	ng	95
60) Diethylphthalate	10.322	149	1326812	43.891	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	581241	41.355	ng	94
62) 4-Nitroaniline	10.474	138	234323	38.496	ng	96
63) Azobenzene	10.598	77	1486592	42.707	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	153617	39.908	ng	86
66) n-Nitrosodiphenylamine	10.557	169	1084208	48.752	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	367343	48.834	ng	95
68) Hexachlorobenzene	10.992	284	390945	51.456	ng	93
69) Atrazine	11.092	200	339504	50.217	ng	96
70) Pentachlorophenol	11.192	266	356403	77.599	ng	99
71) Phenanthrene	11.410	178	1731471	46.067	ng	99
72) Anthracene	11.463	178	1726618	44.728	ng	100
73) Carbazole	11.621	167	1428452	43.200	ng	100
74) Di-n-butylphthalate	11.963	149	1805940	45.905	ng	100
75) Fluoranthene	12.604	202	1517075	41.293	ng	99
77) Benzidine	12.739	184	485930	52.747	ng	98
78) Pyrene	12.833	202	1501222	40.642	ng	100
80) Butylbenzylphthalate	13.468	149	514311	54.520	ng	98
81) Benzo(a)anthracene	14.039	228	1256345	47.616	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	263447	37.494	ng	99
83) Chrysene	14.074	228	1253742	47.015	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	700812	58.449	ng	100
85) Di-n-octyl phthalate	14.662	149	1428888	60.218	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	1127219	36.697	ng	99
88) Benzo(b)fluoranthene	15.121	252	1421907	51.498	ng	100
89) Benzo(k)fluoranthene	15.156	252	1249183	42.121	ng	98
90) Benzo(a)pyrene	15.515	252	1263233	46.426	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	906200	36.368	ng	98
92) Benzo(g,h,i)perylene	17.645	276	807434	31.553	ng	99

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

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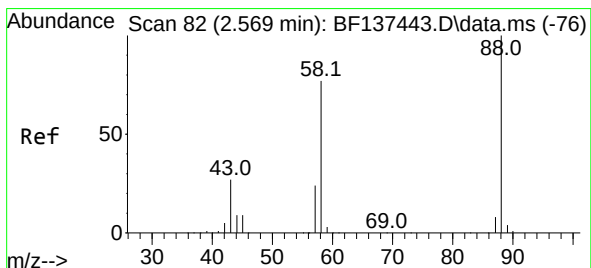
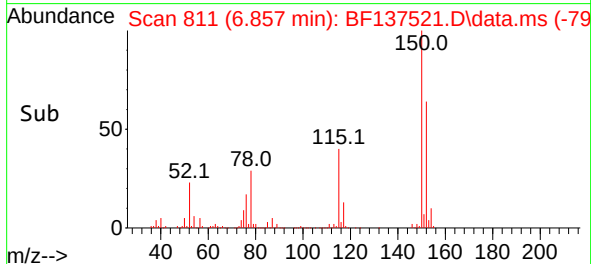
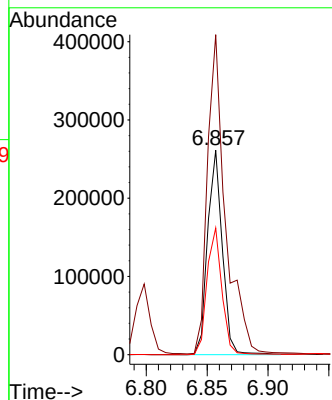
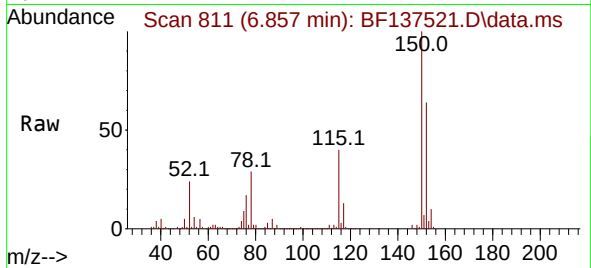




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

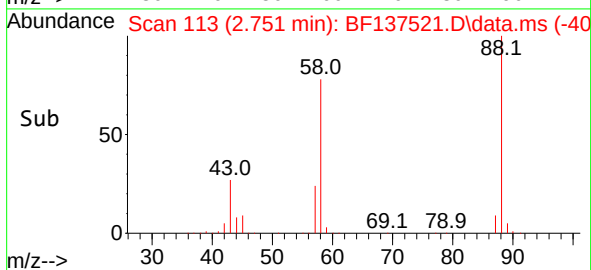
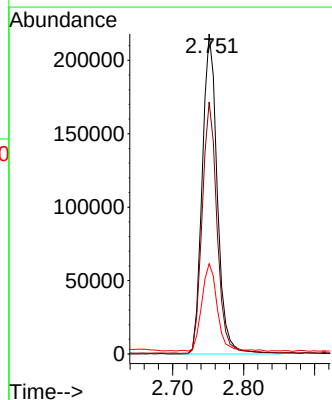
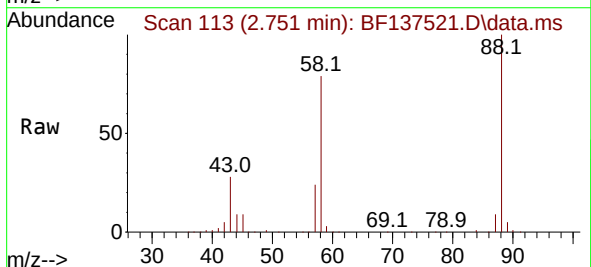
Instrument :
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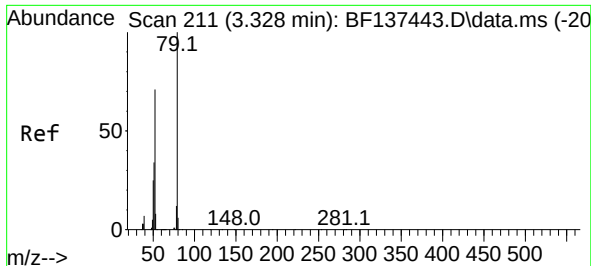
Tgt Ion:152 Resp: 219411
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.8 188.6
 115 62.0 48.8 73.2



#2
 1,4-Dioxane
 Concen: 40.656 ng
 RT: 2.751 min Scan# 113
 Delta R.T. 0.076 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

Tgt Ion: 88 Resp: 322044
 Ion Ratio Lower Upper
 88 100
 58 77.8 61.8 92.8
 43 27.6 22.2 33.4

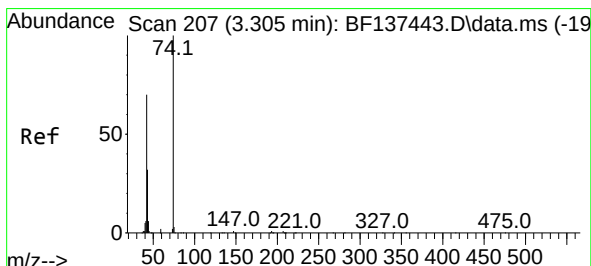
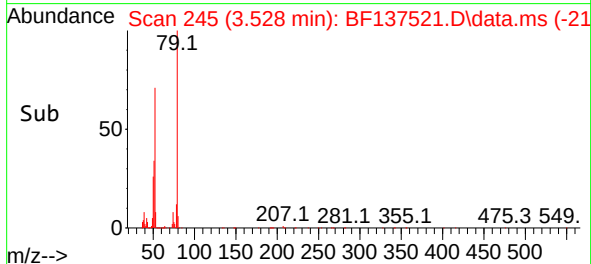
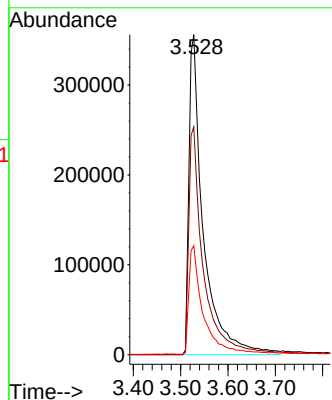
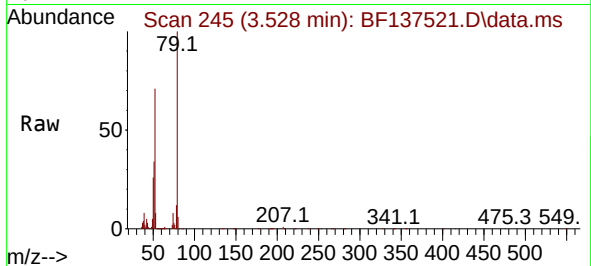




#3
Pyridine
Concen: 39.464 ng
RT: 3.528 min Scan# 241
Delta R.T. 0.065 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

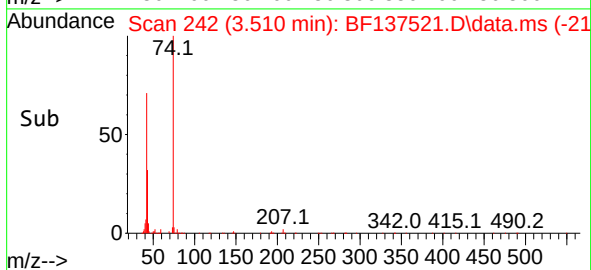
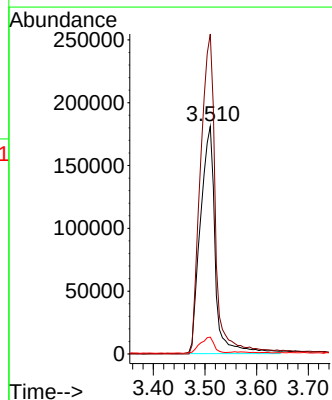
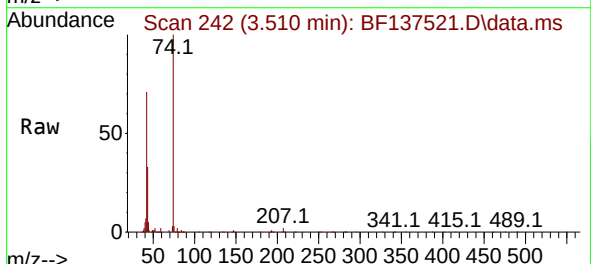
Instrument :
BNA_F
ClientSampleId :
72-12002MS

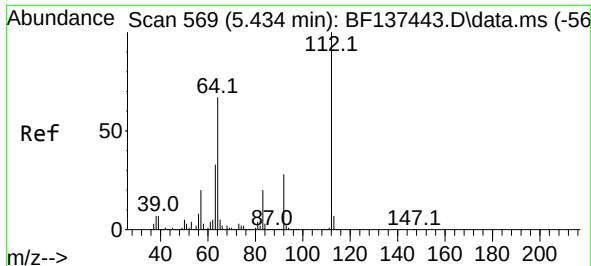
Tgt Ion: 79 Resp: 753926
Ion Ratio Lower Upper
79 100
52 71.2 57.0 85.4
51 34.1 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 47.032 ng
RT: 3.510 min Scan# 242
Delta R.T. 0.065 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion: 42 Resp: 363329
Ion Ratio Lower Upper
42 100
74 140.6 114.0 171.0
44 7.4 7.0 10.4

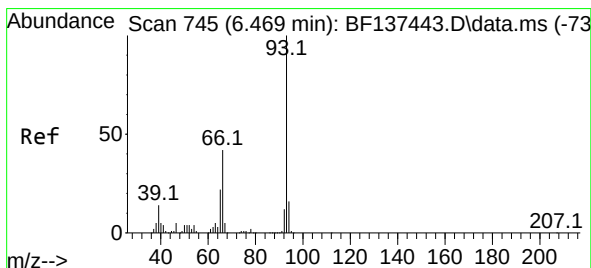
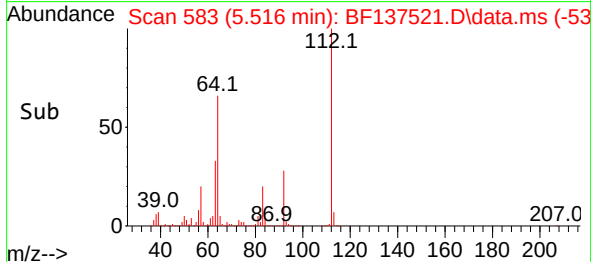
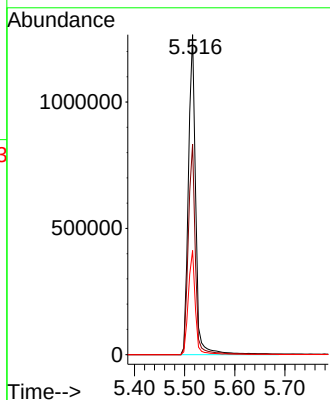
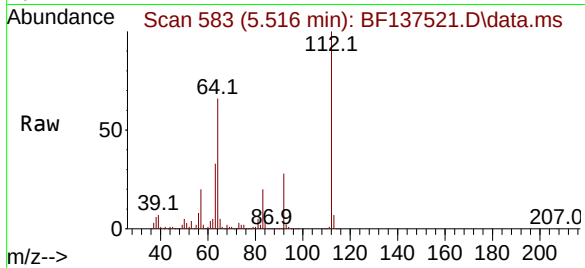




#5
2-Fluorophenol
Concen: 87.977 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

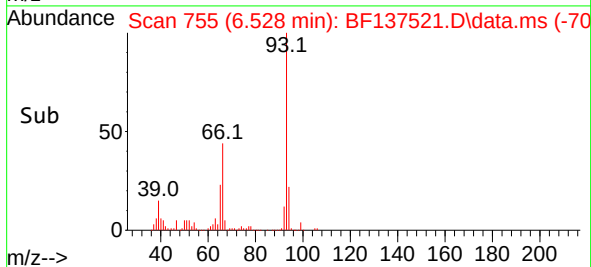
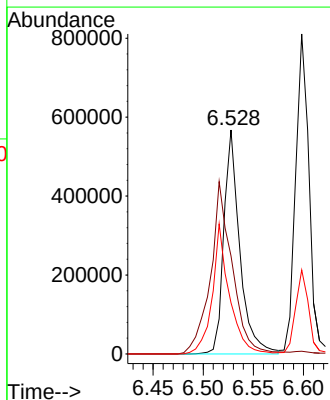
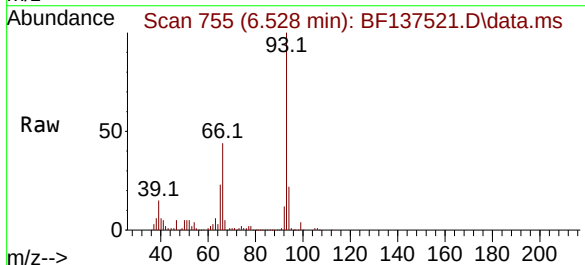
Instrument :
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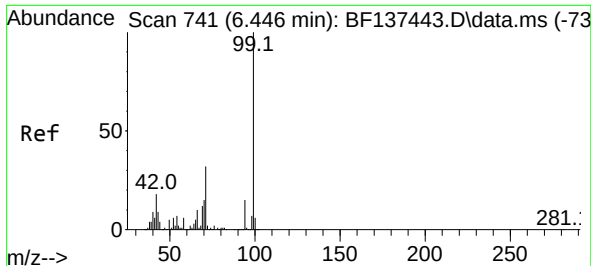
Tgt Ion:112 Resp: 1274516
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 32.5 26.2 39.2



#6
Aniline
Concen: 24.522 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion: 93 Resp: 626581
Ion Ratio Lower Upper
93 100
66 43.8 34.0 51.0
65 22.9 17.8 26.8





#7

Phenol-d6

Concen: 83.801 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

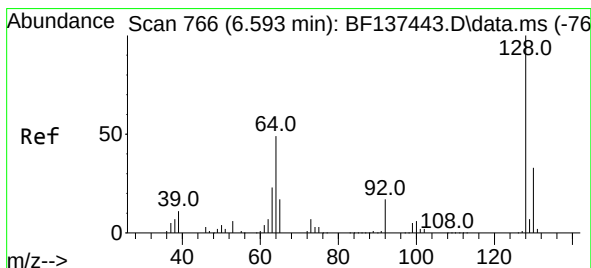
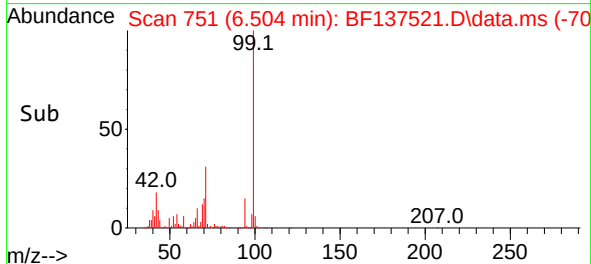
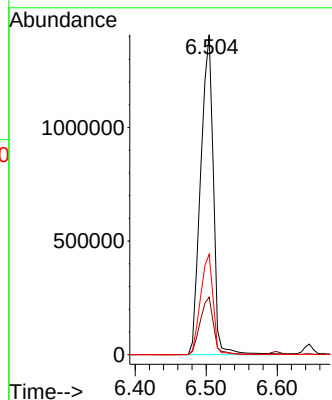
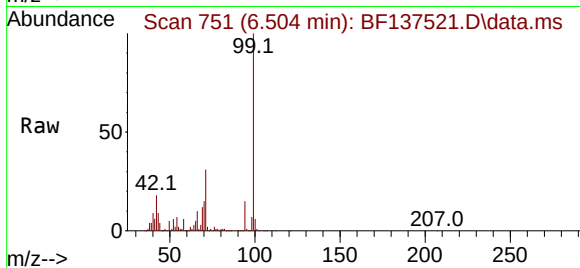
BNA_F

ClientSampleId :

72-12002MS

Tgt Ion: 99 Resp: 1752416

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	31.4	25.3	37.9



#8

2-Chlorophenol

Concen: 47.076 ng

RT: 6.645 min Scan# 775

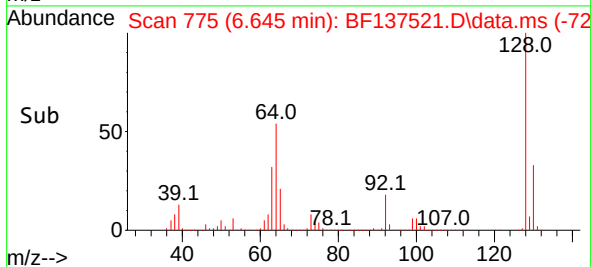
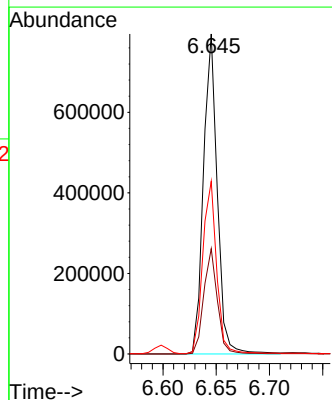
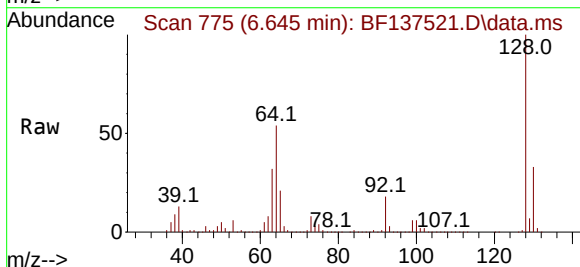
Delta R.T. -0.006 min

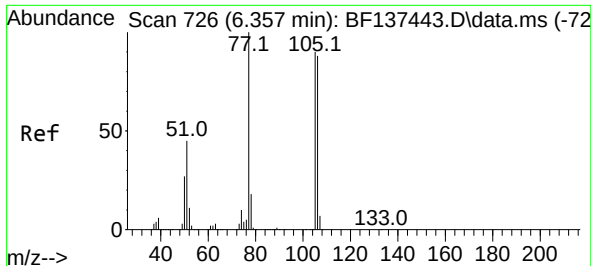
Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Tgt Ion:128 Resp: 719317

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.4	53.4
64	54.0	30.0	70.0





#9

Benzaldehyde

Concen: 36.523 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

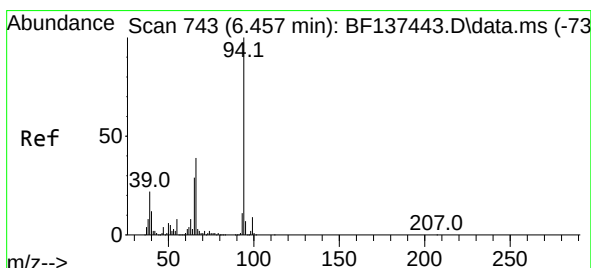
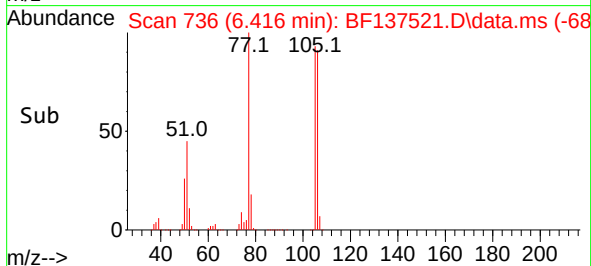
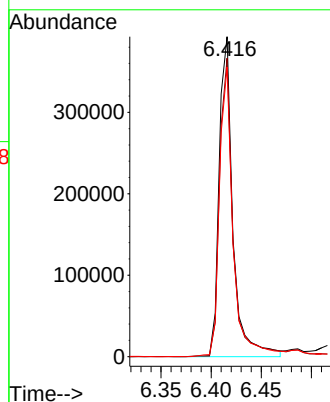
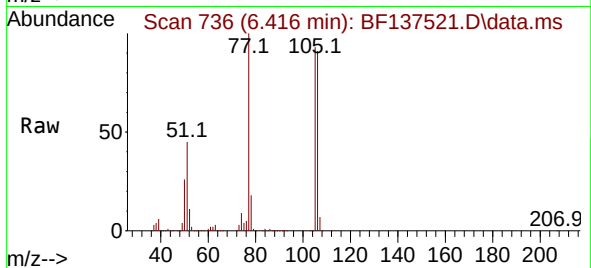
Tgt Ion: 77 Resp: 374172

Ion Ratio Lower Upper

77 100

105 93.3 69.8 109.8

106 90.6 67.8 107.8



#10

Phenol

Concen: 44.647 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

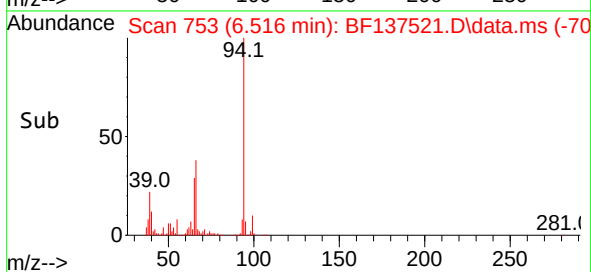
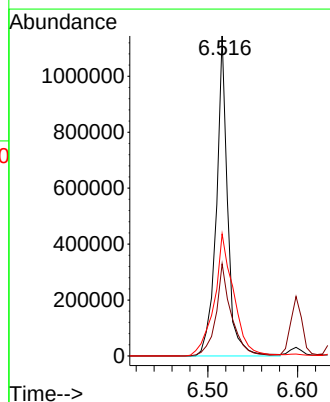
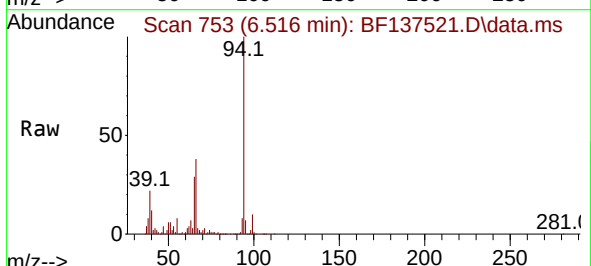
Tgt Ion: 94 Resp: 1004904

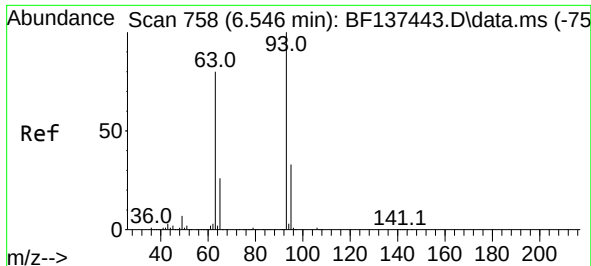
Ion Ratio Lower Upper

94 100

65 28.8 8.7 48.7

66 38.2 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 45.488 ng

RT: 6.598 min Scan# 701

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

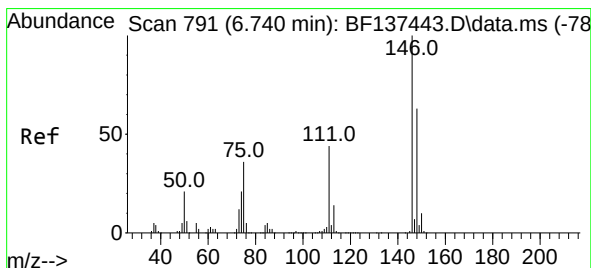
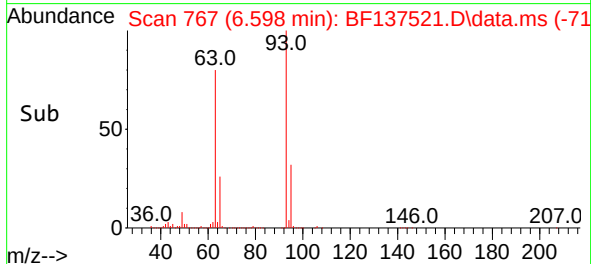
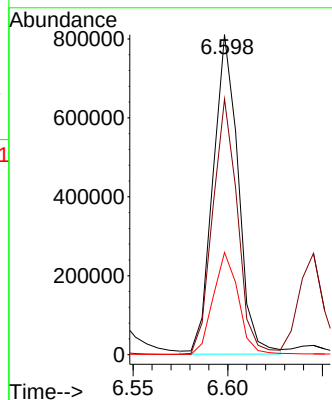
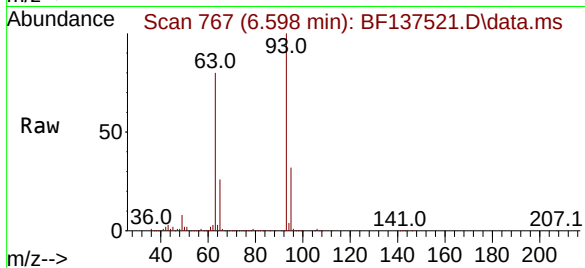
Tgt Ion: 93 Resp: 750256

Ion Ratio Lower Upper

93 100

63 79.9 58.9 98.9

95 32.0 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 45.984 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

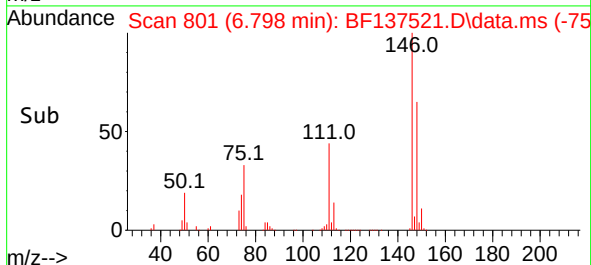
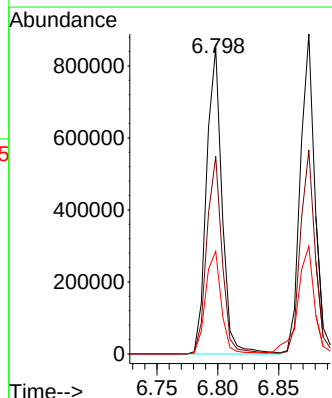
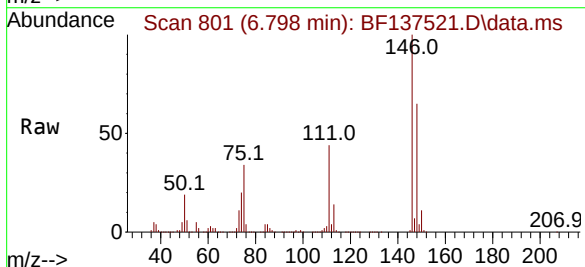
Tgt Ion: 146 Resp: 750818

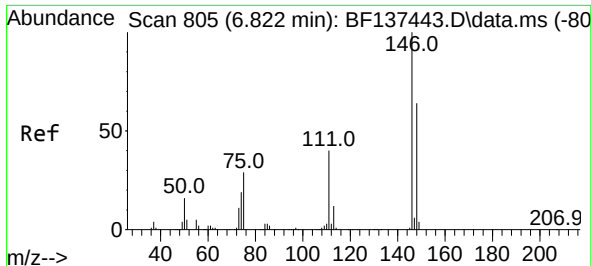
Ion Ratio Lower Upper

146 100

148 64.5 50.3 75.5

75 33.6 29.0 43.4

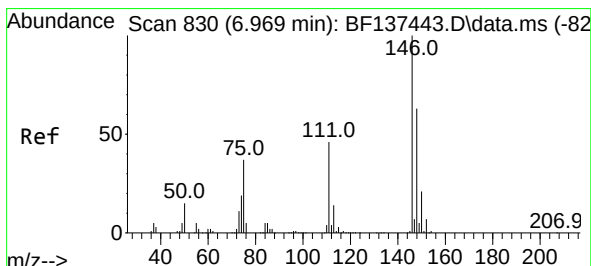
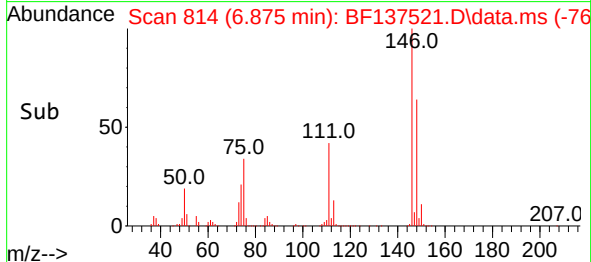
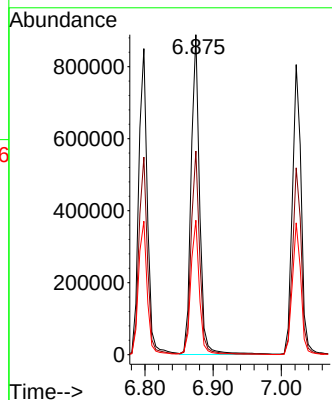
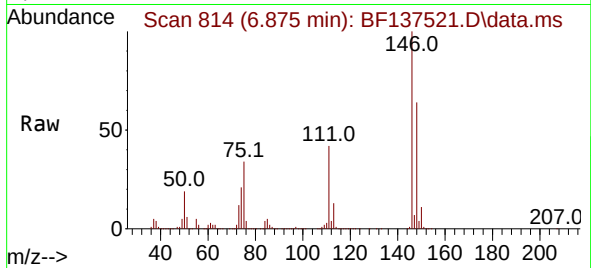




#13
1,4-Dichlorobenzene
Concen: 45.901 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

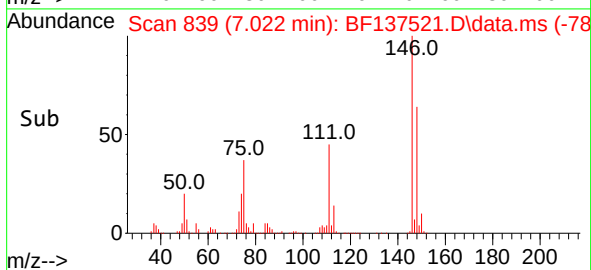
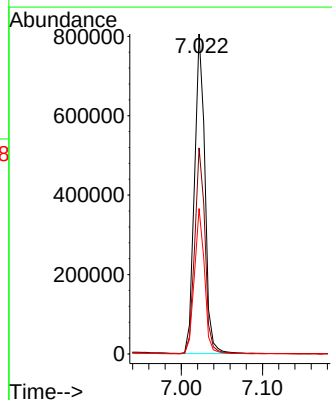
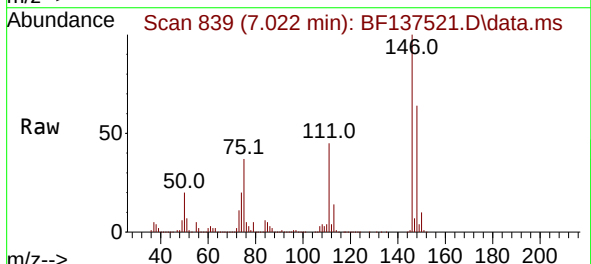
Instrument :
BNA_F
ClientSampleId :
72-12002MS

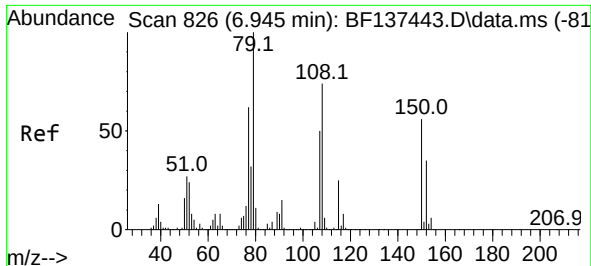
Tgt Ion:146 Resp: 766827
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 42.0 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 47.192 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:146 Resp: 723621
Ion Ratio Lower Upper
146 100
148 64.4 50.0 75.0
111 45.5 36.8 55.2

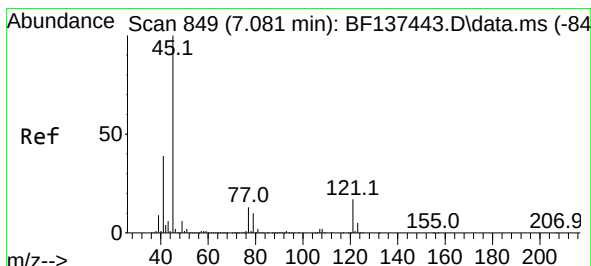
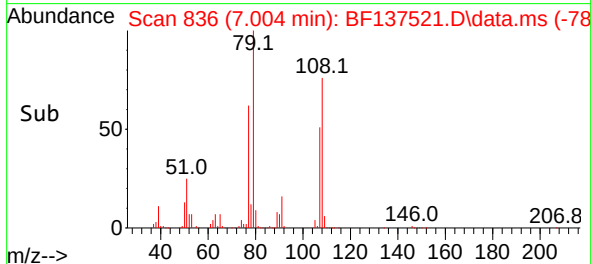
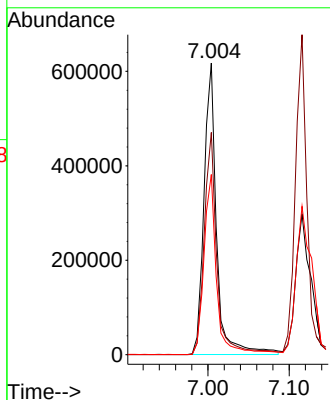
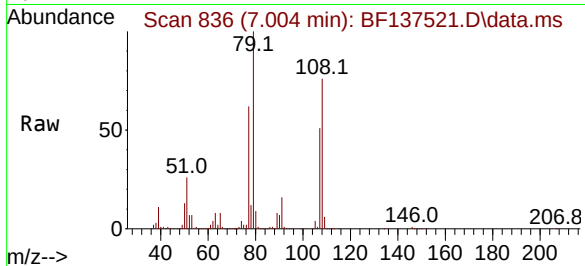




#15
Benzyl Alcohol
Concen: 51.299 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

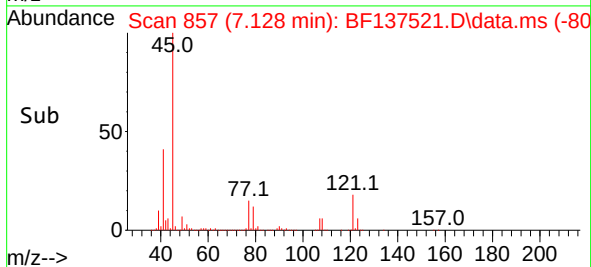
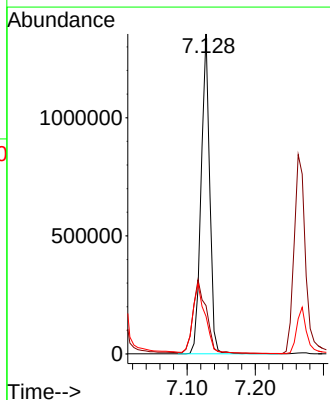
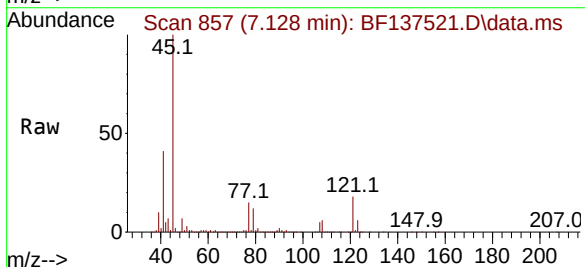
Instrument :
BNA_F
ClientSampleId :
72-12002MS

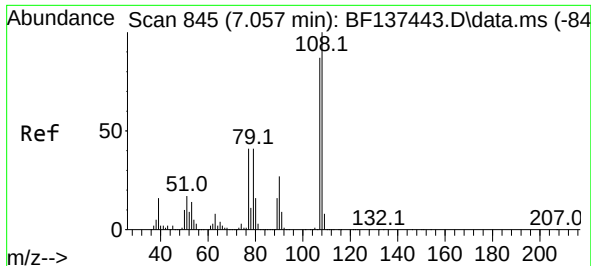
Tgt Ion: 79 Resp: 667839
Ion Ratio Lower Upper
79 100
108 76.2 59.5 89.3
77 61.7 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.837 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion: 45 Resp: 1186130
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.4
79 11.7 0.0 30.9

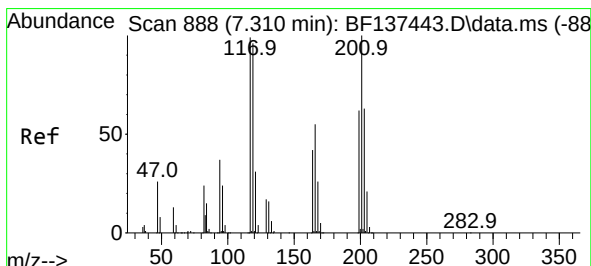
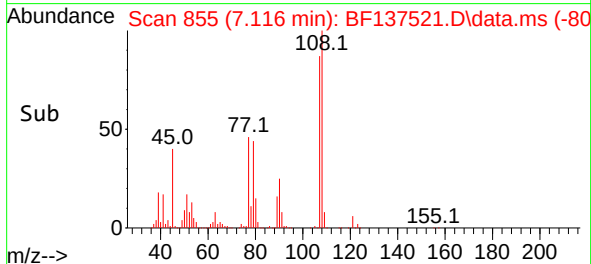
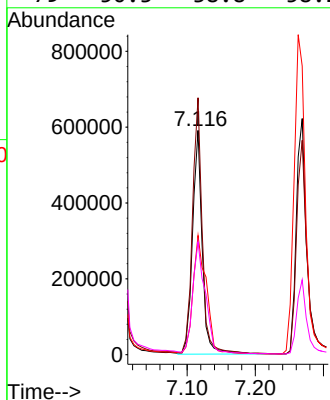
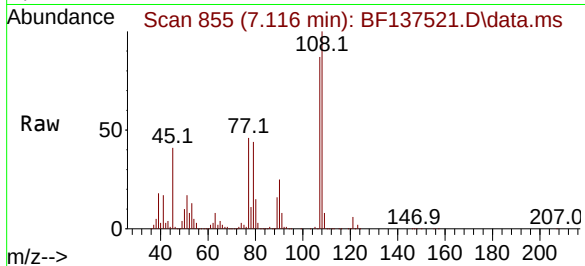




#17
2-Methylphenol
Concen: 41.180 ng
RT: 7.116 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

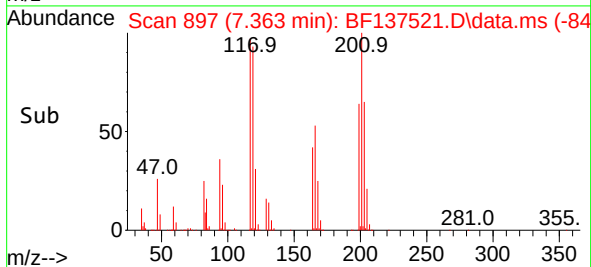
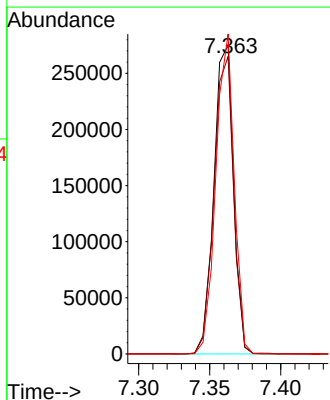
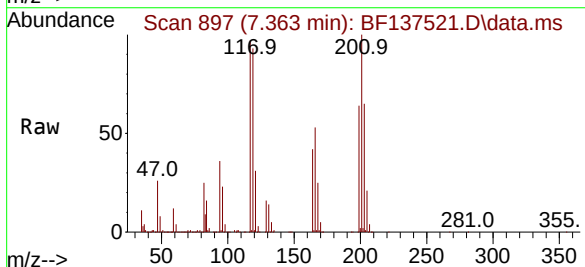
Instrument :
BNA_F
ClientSampleId :
72-12002MS

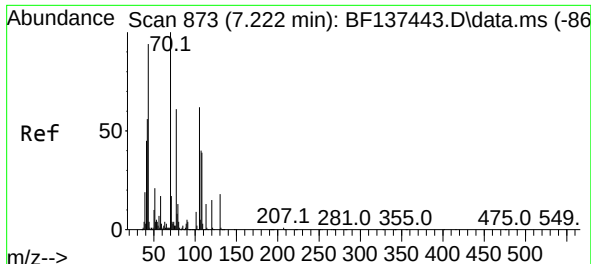
Tgt Ion:107 Resp: 588792
Ion Ratio Lower Upper
107 100
108 114.6 92.2 138.4
77 53.1 38.6 57.8
79 50.3 38.8 58.2



#18
Hexachloroethane
Concen: 47.938 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:117 Resp: 263695
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3
201 103.6 80.6 121.0



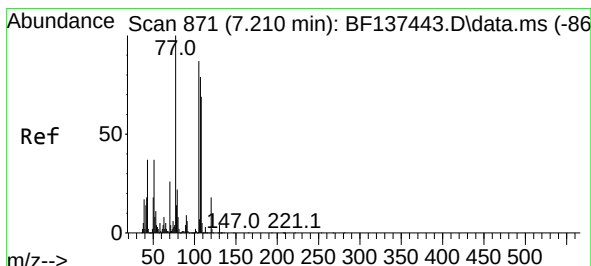
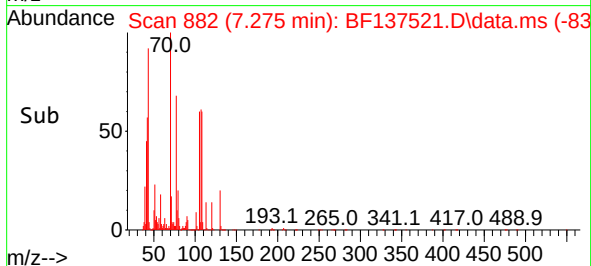
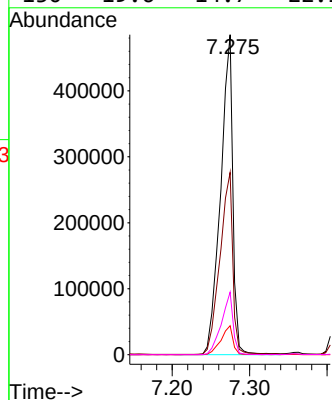
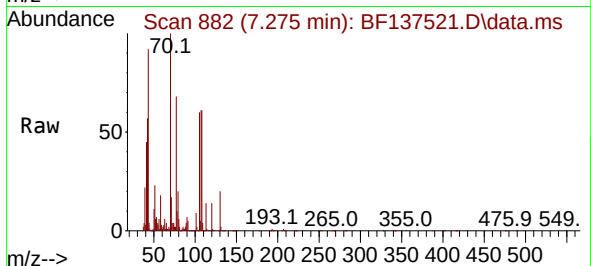


#19
n-Nitroso-di-n-propylamine
Concen: 41.270 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Instrument :
BNA_F
ClientSampleId :
72-12002MS

Tgt Ion: 70 Resp: 532922

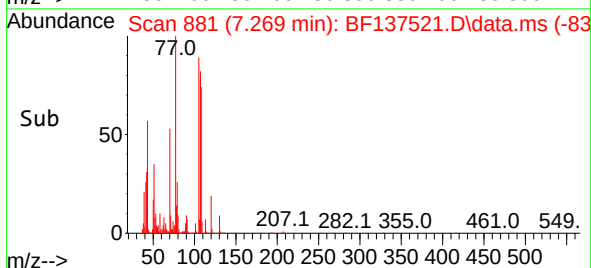
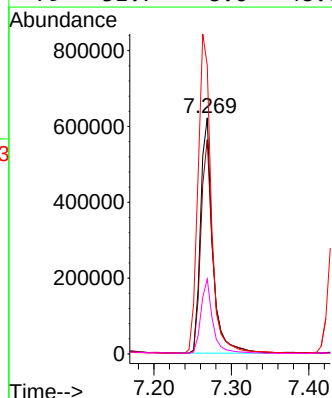
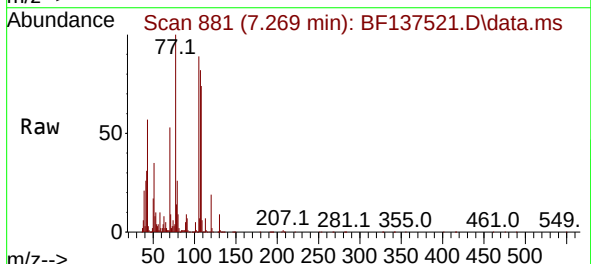
Ion	Ratio	Lower	Upper
70	100		
42	57.0	45.2	67.8
101	9.1	7.3	10.9
130	19.6	14.7	22.1

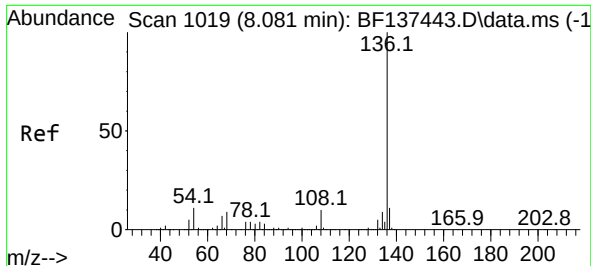


#20
3+4-Methylphenols
Concen: 41.324 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion: 107 Resp: 676694

Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.6	107.6
77	122.2	107.1	147.1
79	31.7	8.6	48.6

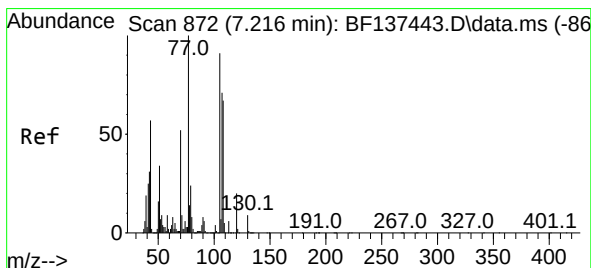
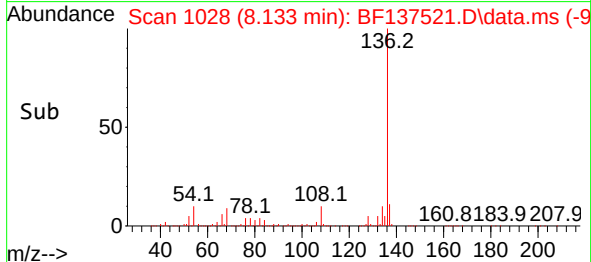
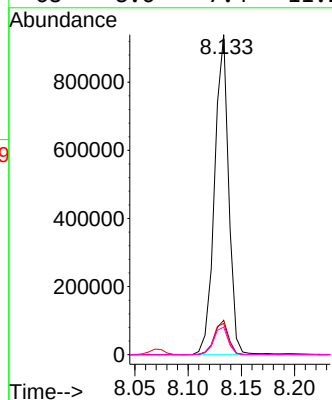
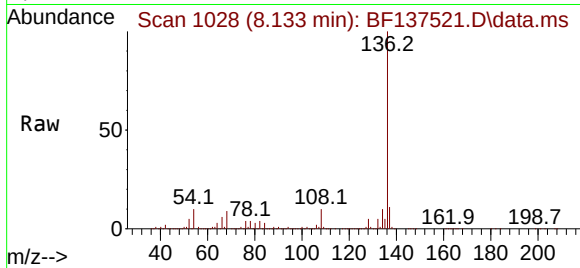




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

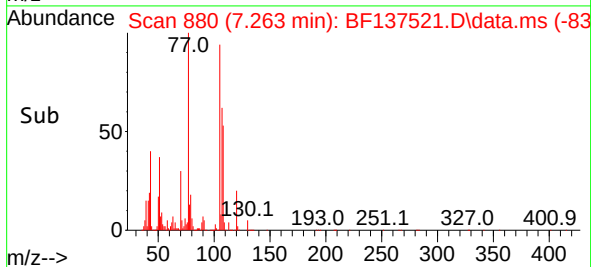
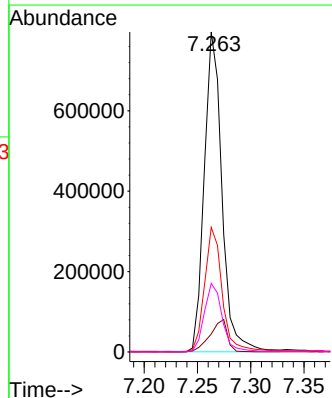
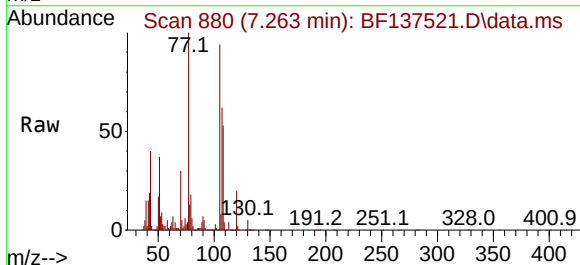
Instrument :
BNA_F
ClientSampleId :
72-12002MS

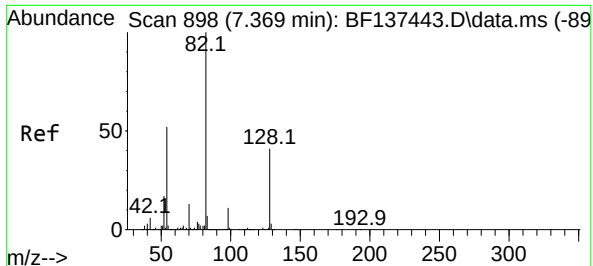
Tgt Ion:136 Resp: 860977
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.8 8.5 12.7
68 8.6 7.4 11.2



#22
Acetophenone
Concen: 44.289 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:105 Resp: 922622
Ion Ratio Lower Upper
105 100
71 5.6 7.7 11.5#
51 38.9 30.4 45.6
120 21.4 17.4 26.0

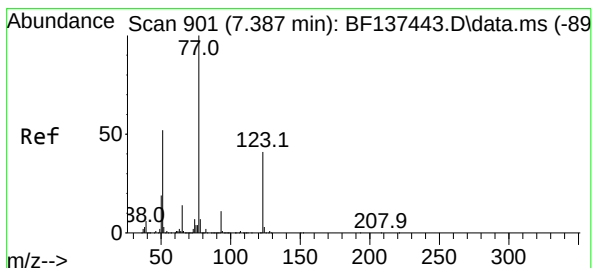
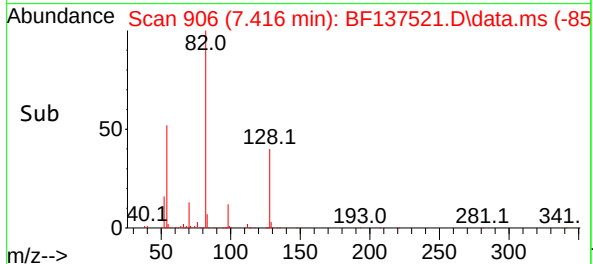
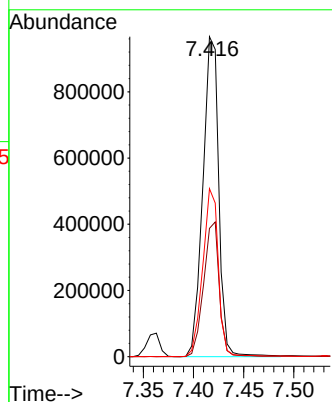
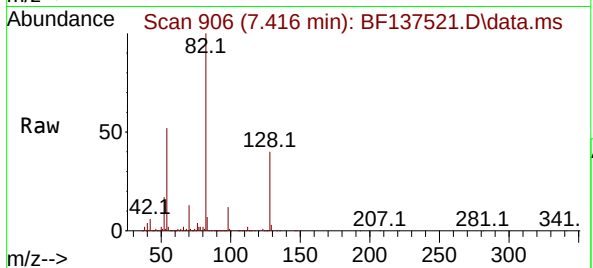




#23
Nitrobenzene-d5
Concen: 57.944 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

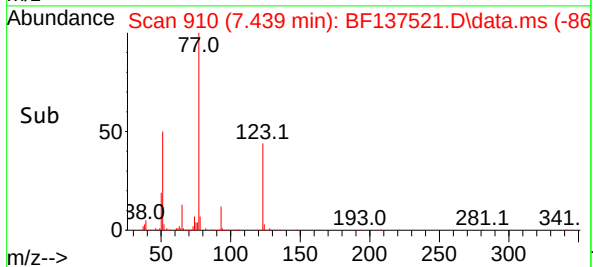
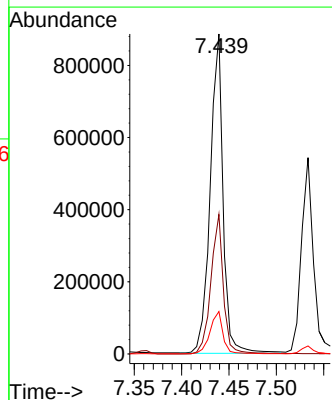
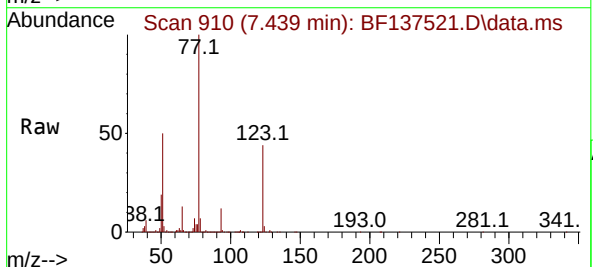
Instrument :
BNA_F
ClientSampleId :
72-12002MS

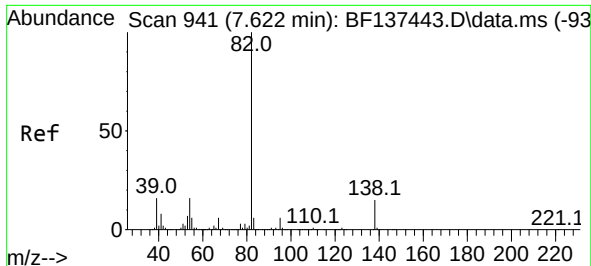
Tgt Ion: 82 Resp: 1073699
Ion Ratio Lower Upper
82 100
128 40.1 32.5 48.7
54 52.5 41.5 62.3



#24
Nitrobenzene
Concen: 45.069 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion: 77 Resp: 838932
Ion Ratio Lower Upper
77 100
123 43.6 33.0 49.6
65 13.3 10.9 16.3

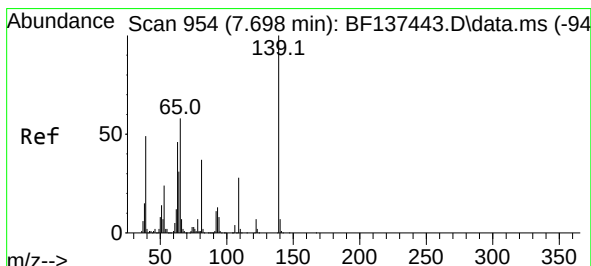
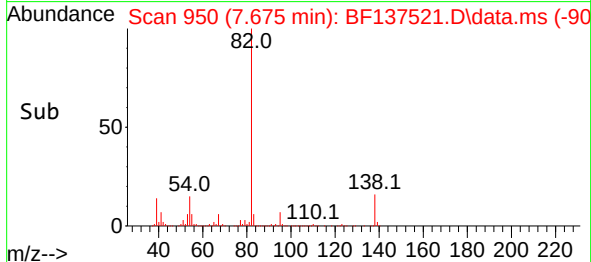
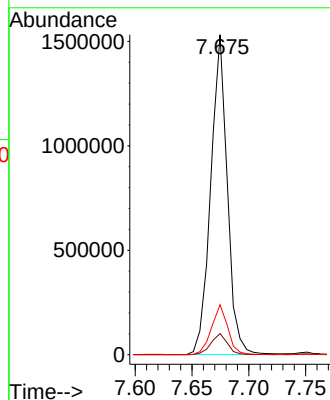
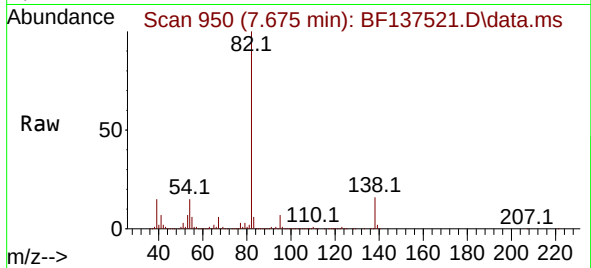




#25
Isophorone
Concen: 44.110 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

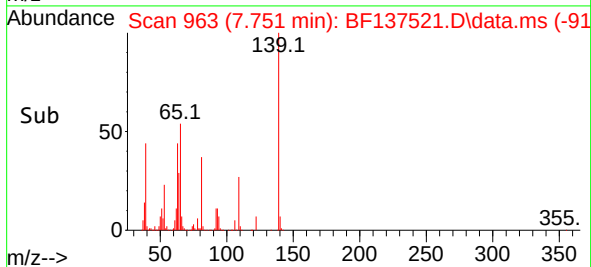
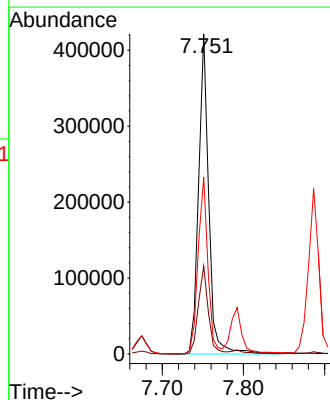
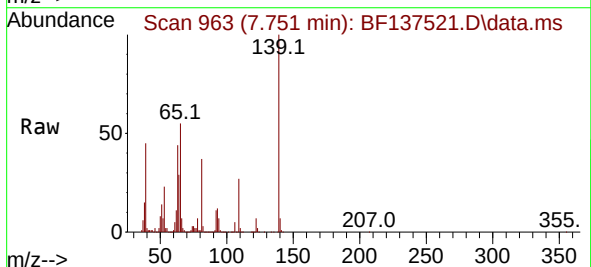
Instrument :
BNA_F
ClientSampleId :
72-12002MS

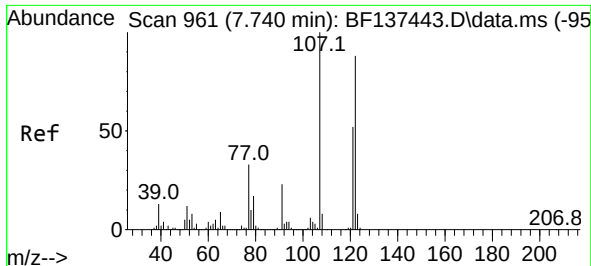
Tgt Ion: 82 Resp: 1552826
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.6 11.8 17.8



#26
2-Nitrophenol
Concen: 50.028 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:139 Resp: 369710
Ion Ratio Lower Upper
139 100
109 27.5 22.2 33.4
65 55.3 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 36.975 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

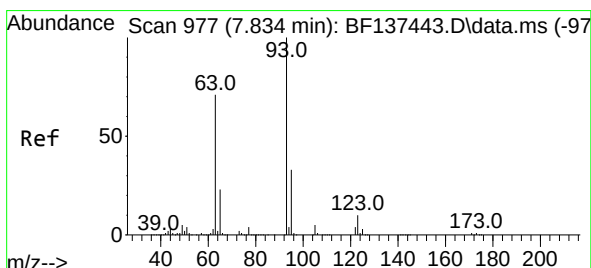
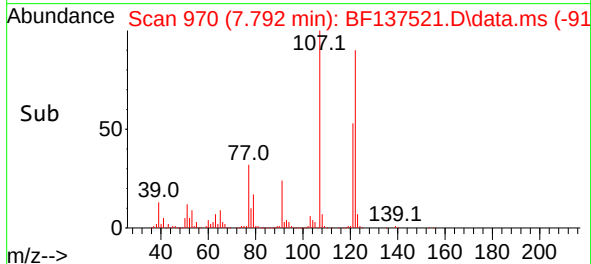
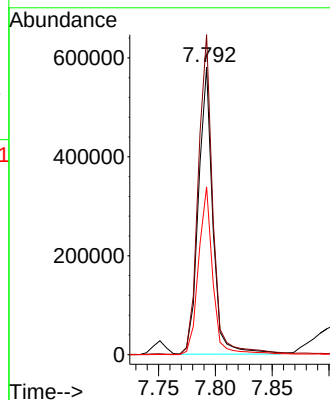
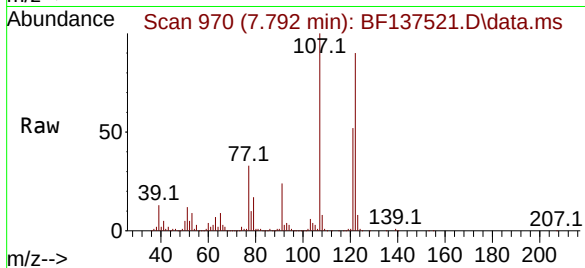
Tgt Ion:122 Resp: 510572

Ion Ratio Lower Upper

122 100

107 111.3 90.9 136.3

121 58.4 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.394 ng

RT: 7.886 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

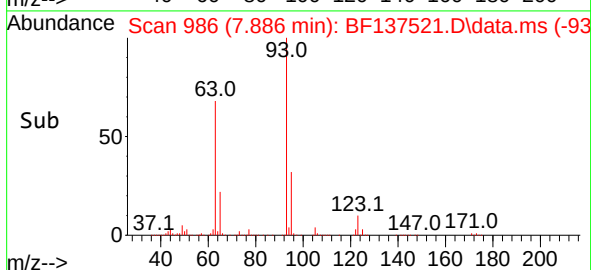
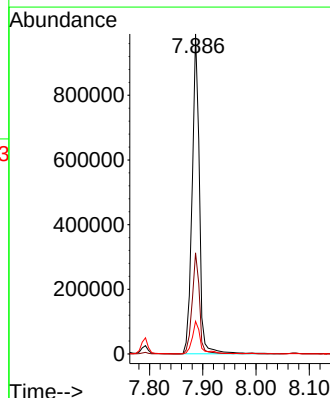
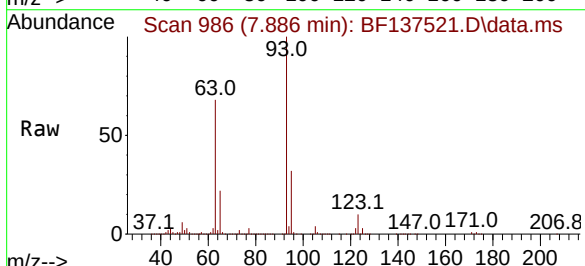
Tgt Ion: 93 Resp: 937626

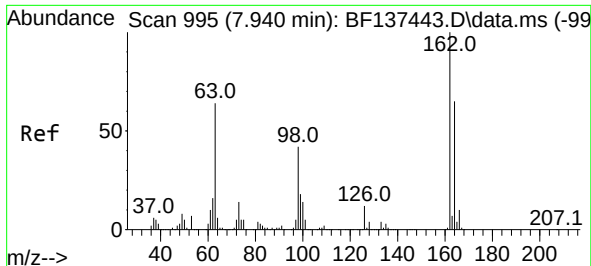
Ion Ratio Lower Upper

93 100

95 31.6 26.5 39.7

123 10.2 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 46.115 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF137521.D

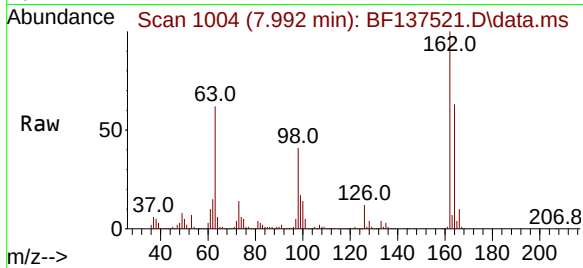
Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS



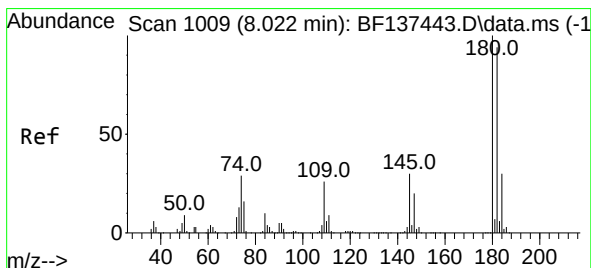
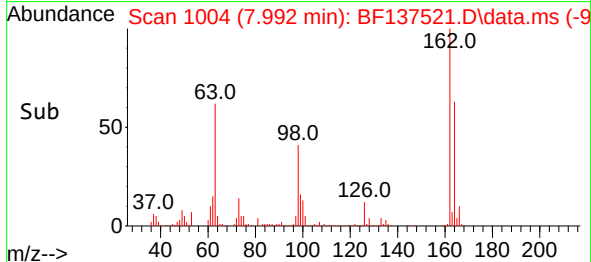
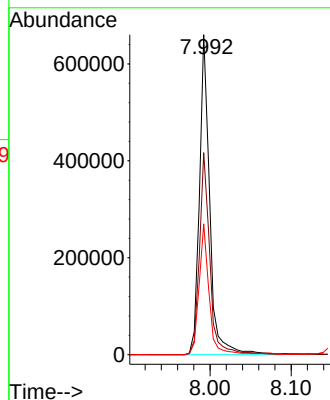
Tgt Ion:162 Resp: 584424

Ion Ratio Lower Upper

162 100

164 63.2 44.7 84.7

98 40.9 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.519 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

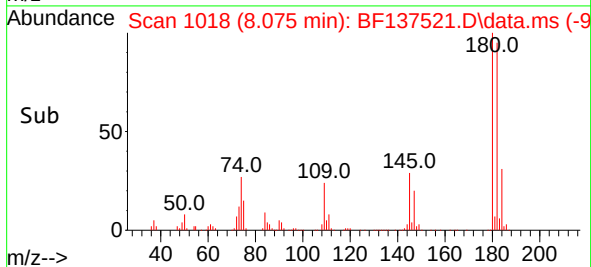
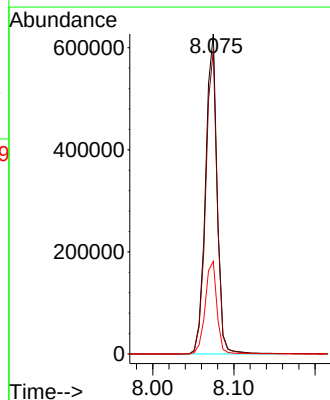
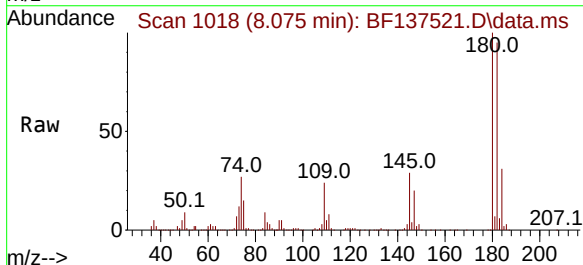
Tgt Ion:180 Resp: 620405

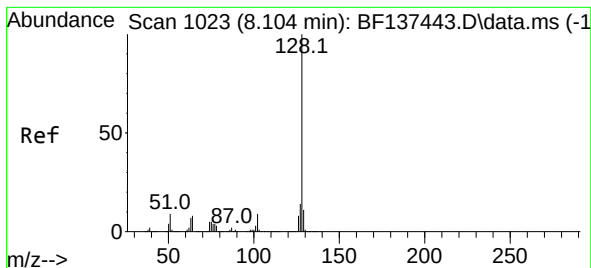
Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.6

145 28.9 23.7 35.5





#31

Naphthalene

Concen: 43.349 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

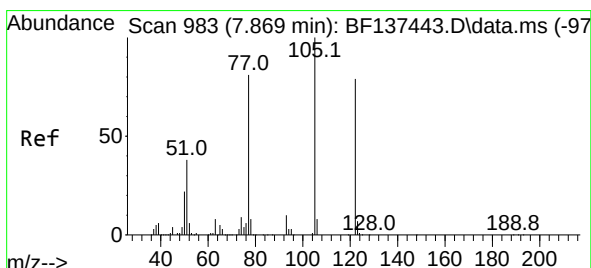
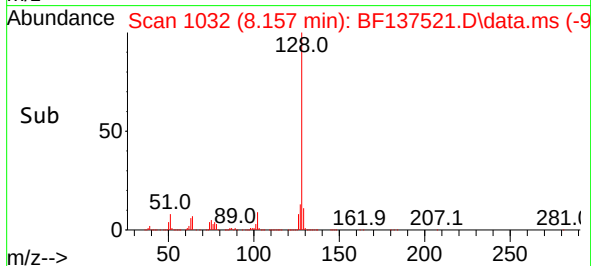
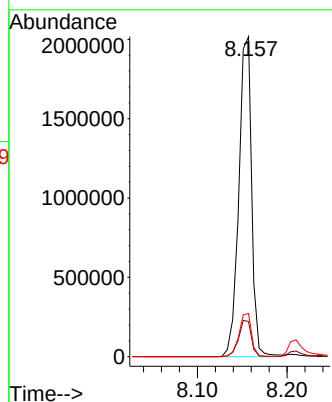
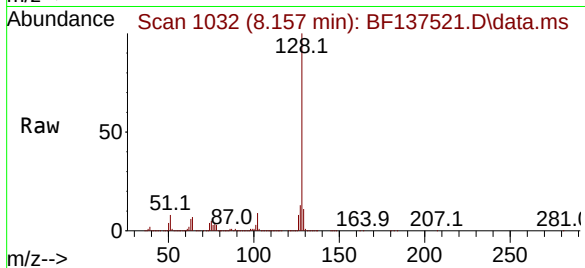
Tgt Ion:128 Resp: 2002483

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 28.576 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

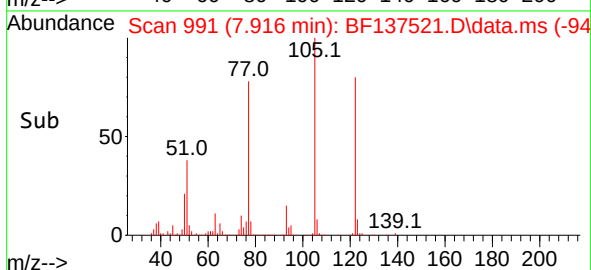
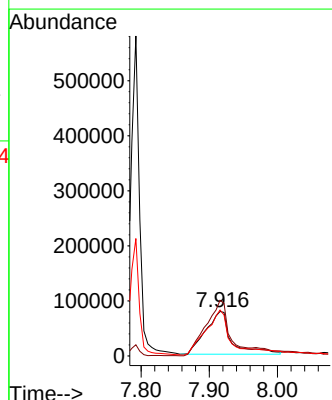
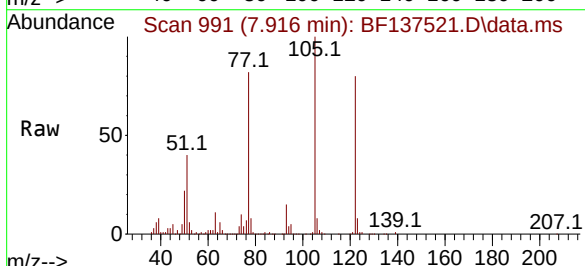
Tgt Ion:122 Resp: 203909

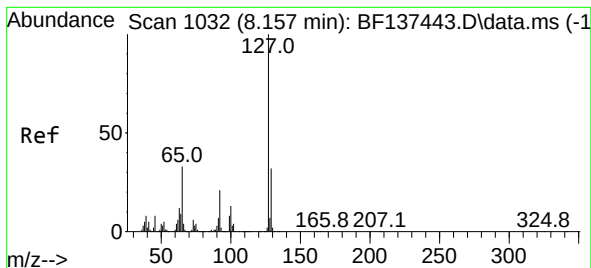
Ion Ratio Lower Upper

122 100

105 125.2 102.4 142.4

77 103.1 81.1 121.1





#33

4-Chloroaniline

Concen: 8.150 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

Tgt Ion:127 Resp: 147631

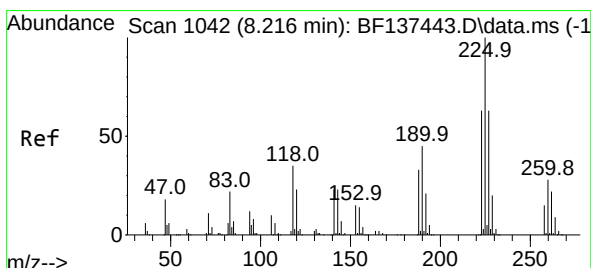
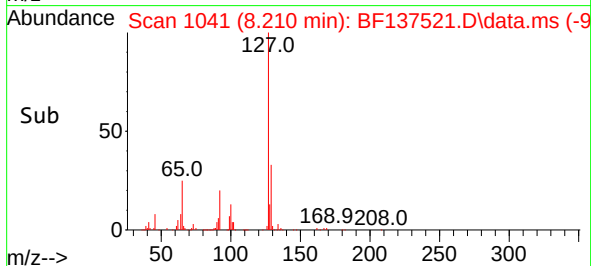
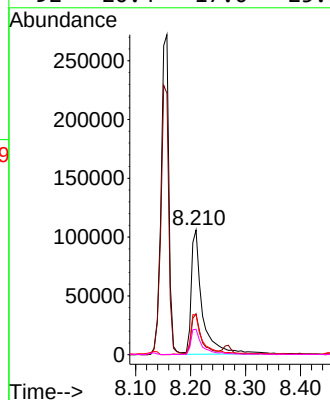
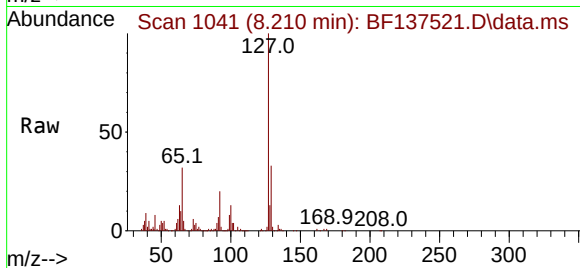
Ion Ratio Lower Upper

127 100

129 32.9 26.0 39.0

65 31.9 26.8 40.2

92 20.4 17.0 25.6



#34

Hexachlorobutadiene

Concen: 45.505 ng

RT: 8.269 min Scan# 1051

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

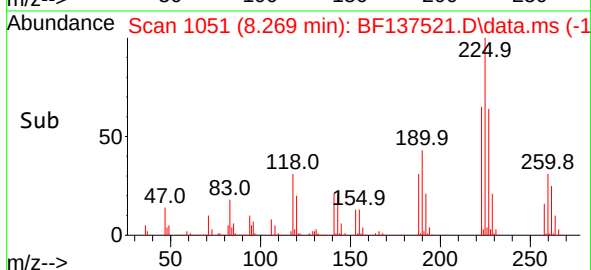
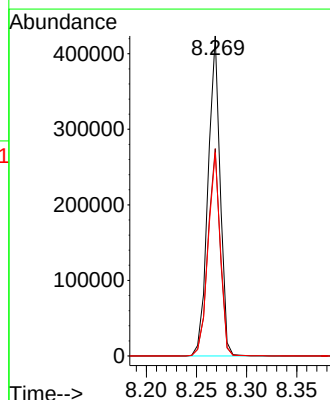
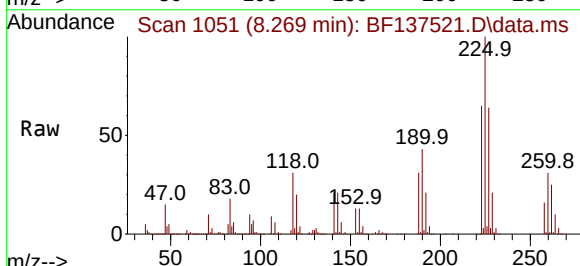
Tgt Ion:225 Resp: 358288

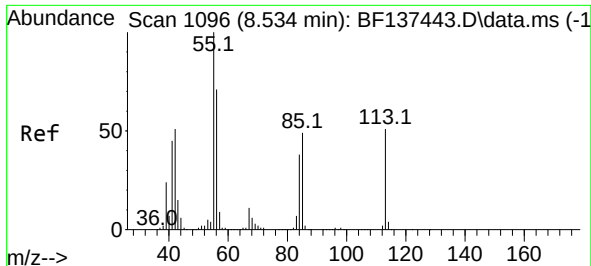
Ion Ratio Lower Upper

225 100

223 64.8 50.7 76.1

227 63.5 50.6 75.8

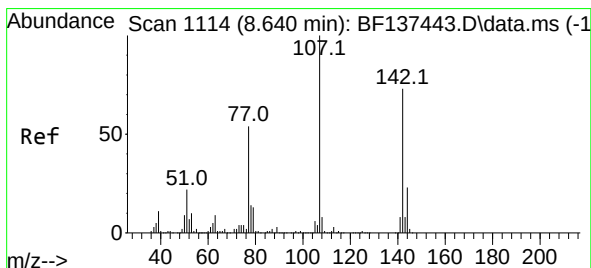
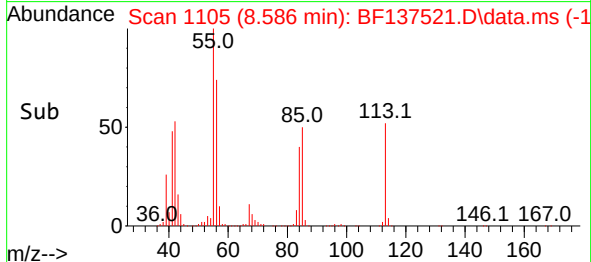
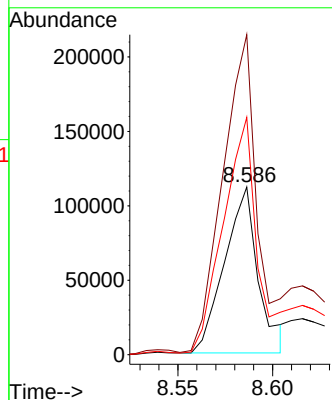
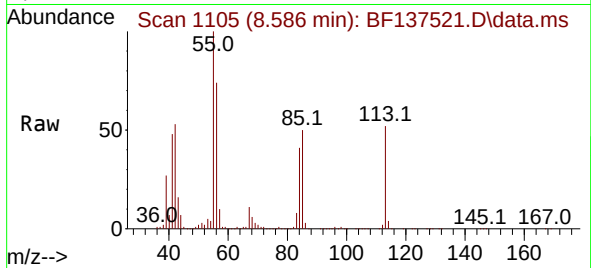




#35
 Caprolactam
 Concen: 32.019 ng
 RT: 8.586 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

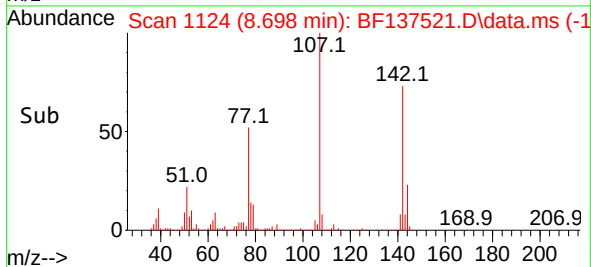
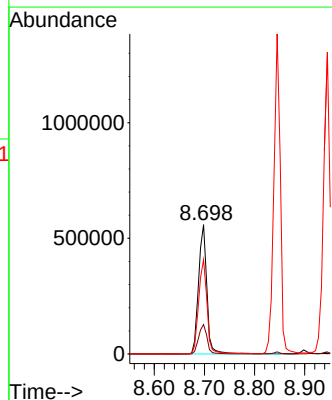
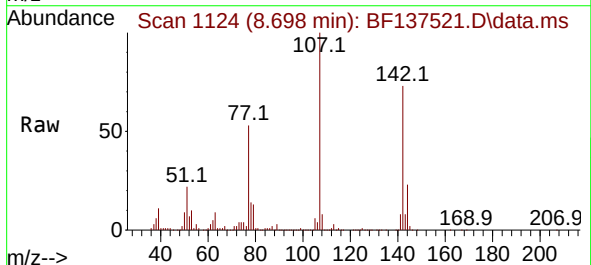
Instrument :
 BNA_F
 ClientSampleId :
 72-12002MS

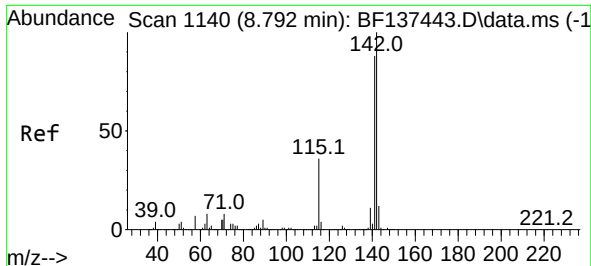
Tgt Ion:113 Resp: 137596
 Ion Ratio Lower Upper
 113 100
 55 190.8 176.7 216.7
 56 141.5 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.407 ng
 RT: 8.698 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

Tgt Ion:107 Resp: 643238
 Ion Ratio Lower Upper
 107 100
 144 22.8 18.7 28.1
 142 73.0 58.2 87.2





#37

2-Methylnaphthalene

Concen: 42.057 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

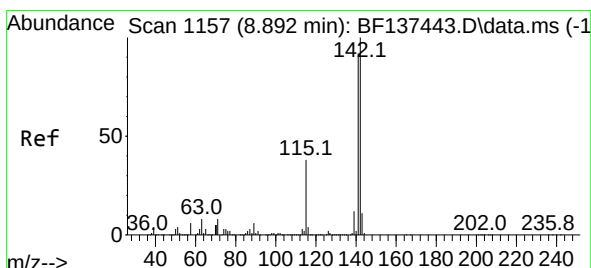
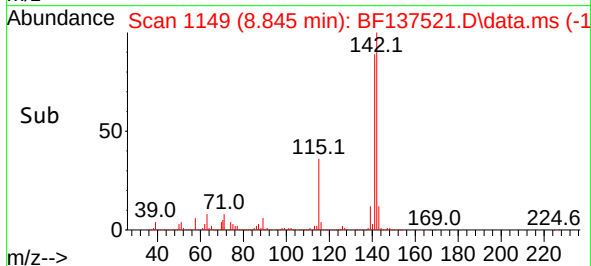
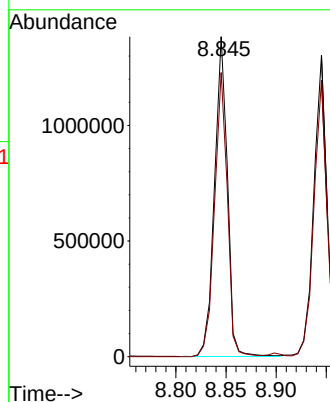
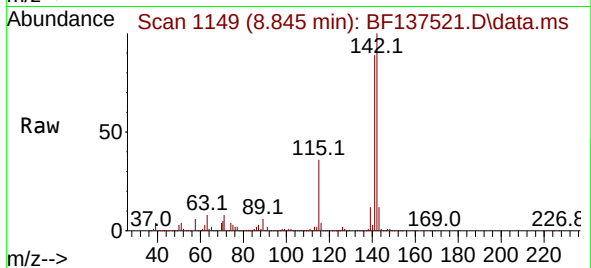
72-12002MS

Tgt Ion:142 Resp: 1238531

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.482 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF137521.D

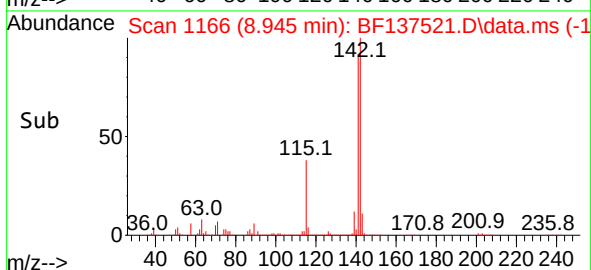
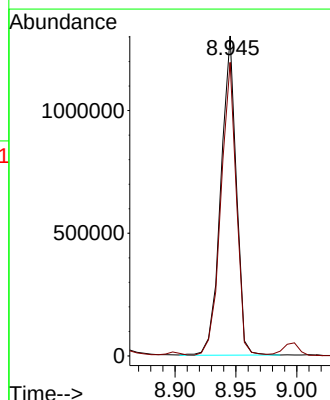
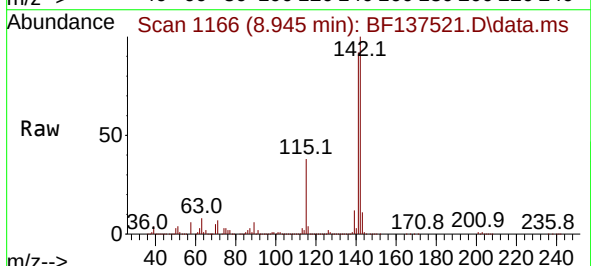
Acq: 06 Mar 2024 16:25

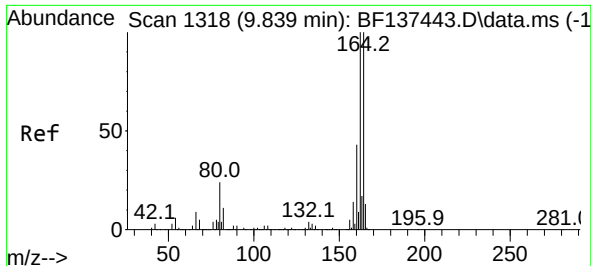
Tgt Ion:142 Resp: 1150413

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

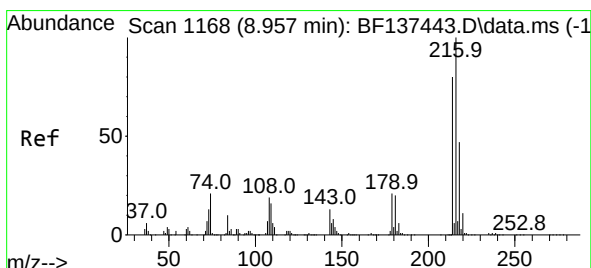
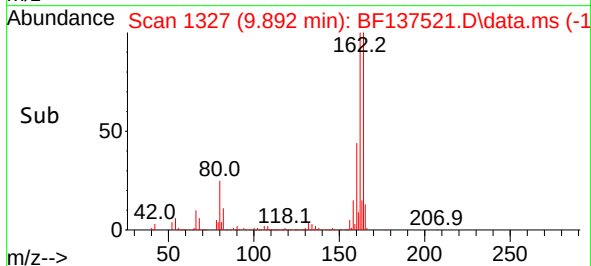
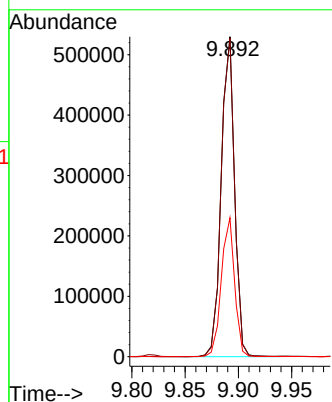
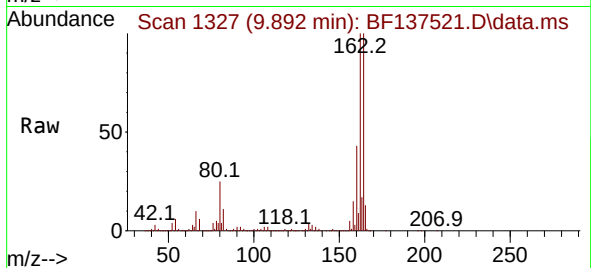
Tgt Ion:164 Resp: 459862

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 43.4 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.246 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Tgt Ion:216 Resp: 606559

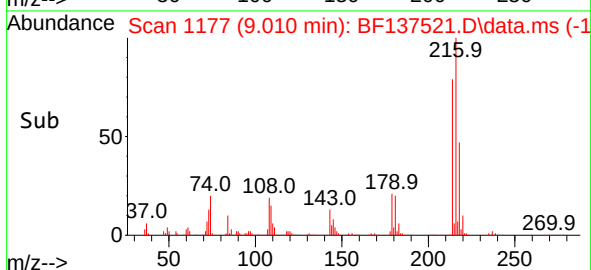
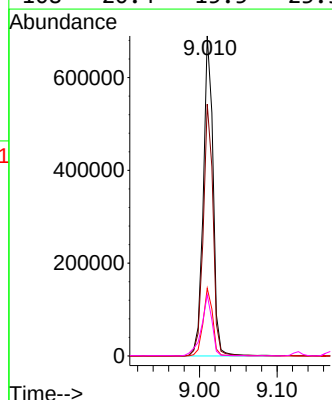
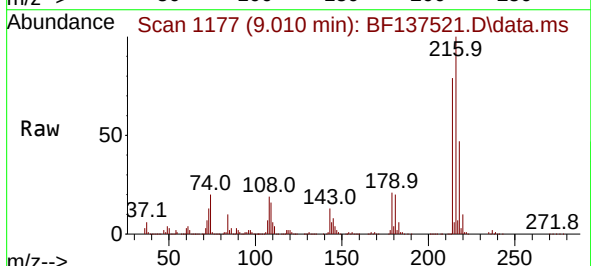
Ion Ratio Lower Upper

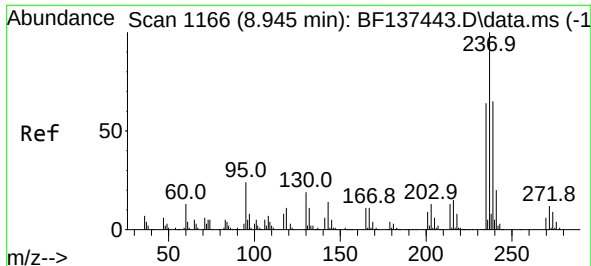
216 100

214 78.8 63.5 95.3

179 20.6 16.6 25.0

108 20.4 15.5 23.3

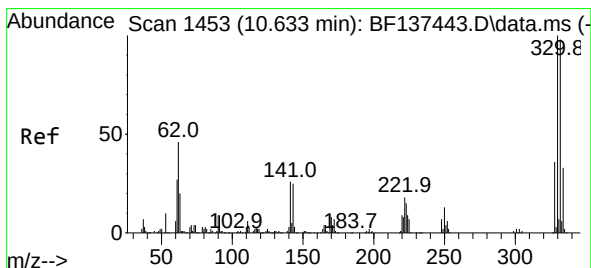
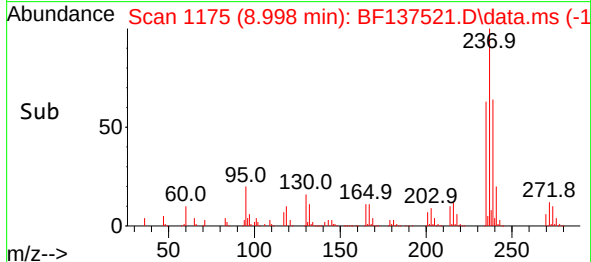
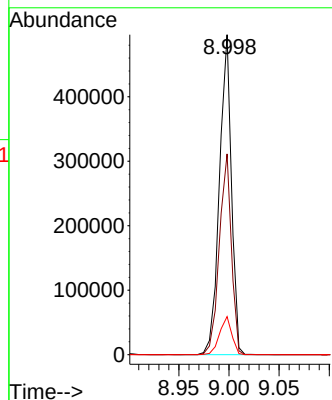
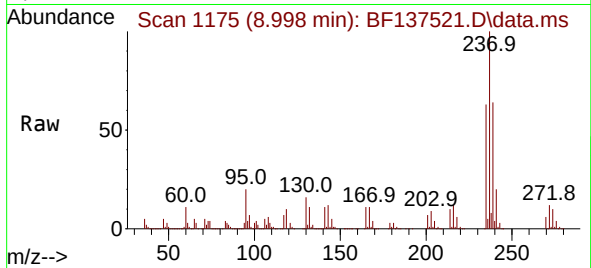




#41
Hexachlorocyclopentadiene
Concen: 78.798 ng
RT: 8.998 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

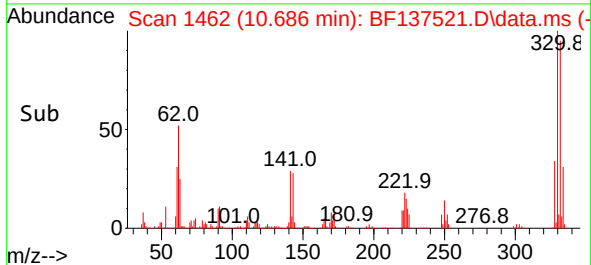
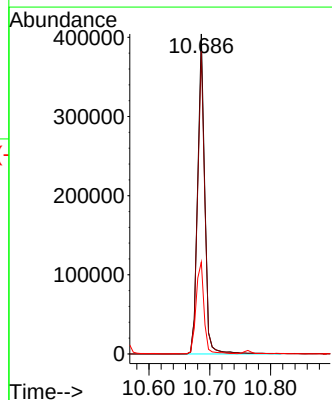
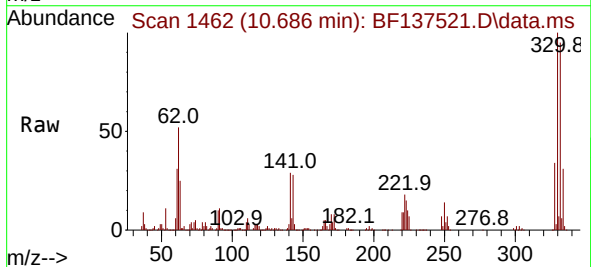
Instrument :
BNA_F
ClientSampleId :
72-12002MS

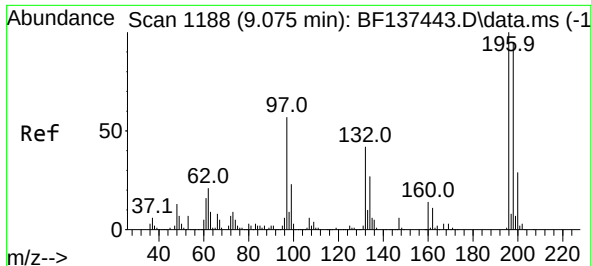
Tgt Ion:237 Resp: 412115
Ion Ratio Lower Upper
237 100
235 62.8 43.6 83.6
272 11.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 81.285 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:330 Resp: 328260
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 32.0 27.3 40.9

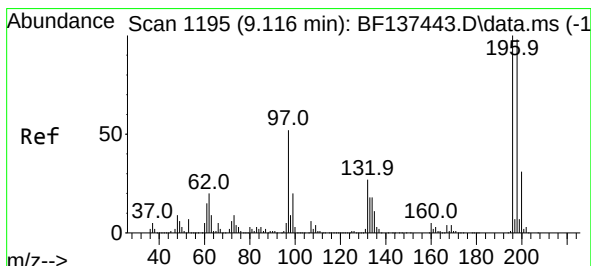
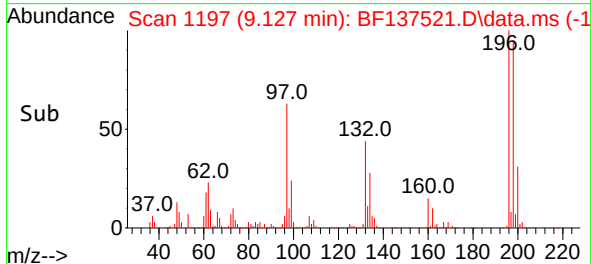
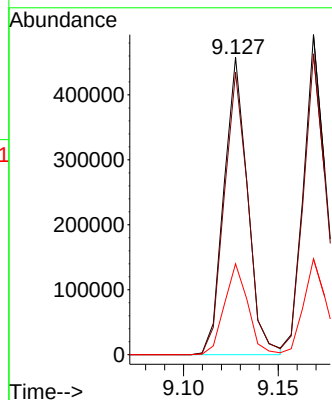
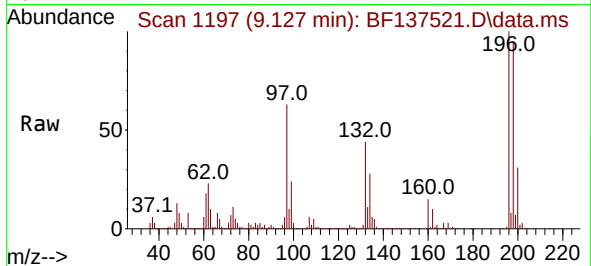




#43
2,4,6-Trichlorophenol
Concen: 47.473 ng
RT: 9.127 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

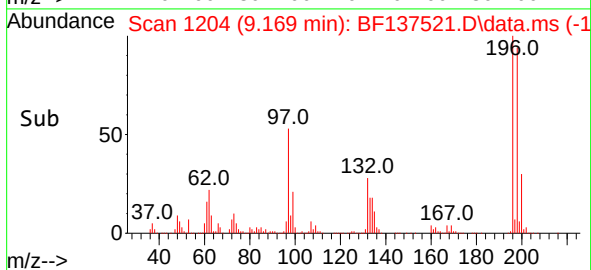
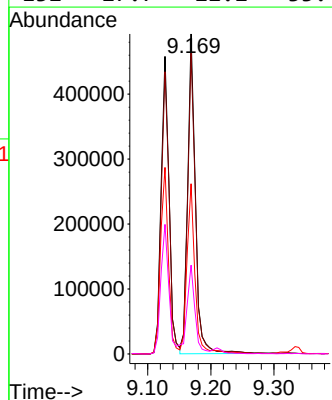
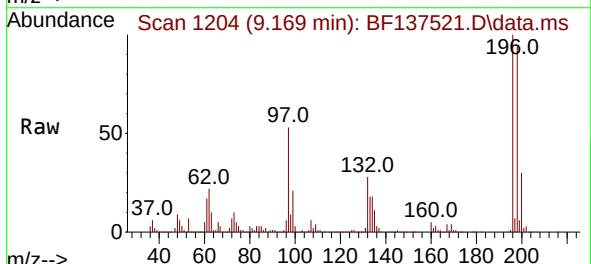
Instrument :
BNA_F
ClientSampleId :
72-12002MS

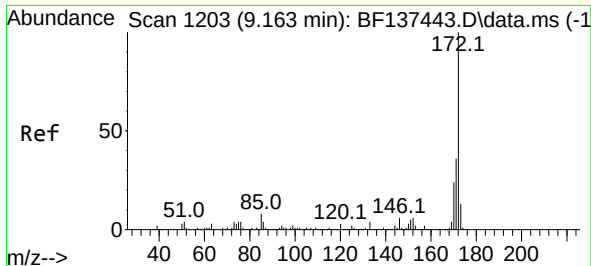
Tgt Ion:196 Resp: 396891
Ion Ratio Lower Upper
196 100
198 94.8 75.8 113.8
200 30.6 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 44.117 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:196 Resp: 424878
Ion Ratio Lower Upper
196 100
198 94.0 78.6 117.8
97 53.2 41.8 62.8
132 27.7 22.2 33.4

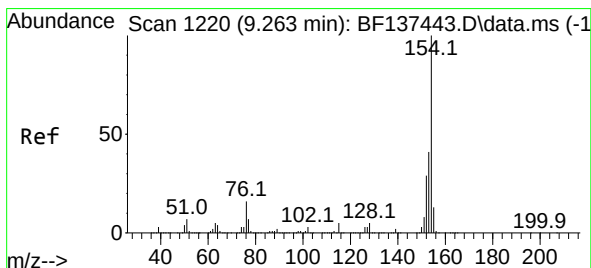
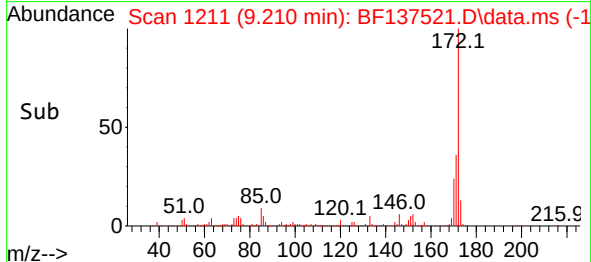
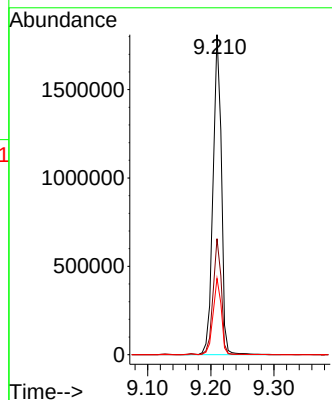
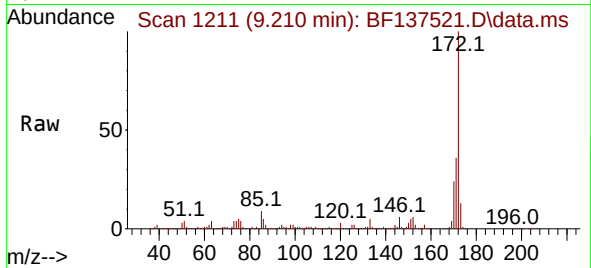




#45
2-Fluorobiphenyl
Concen: 56.527 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

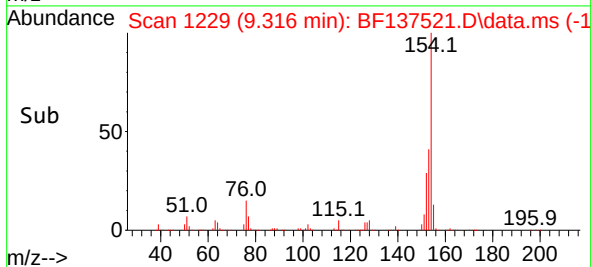
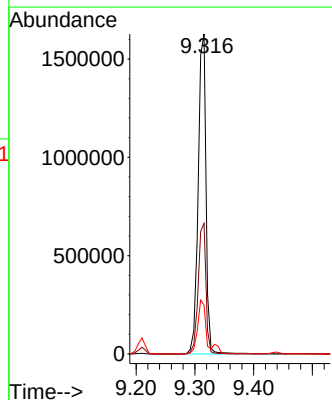
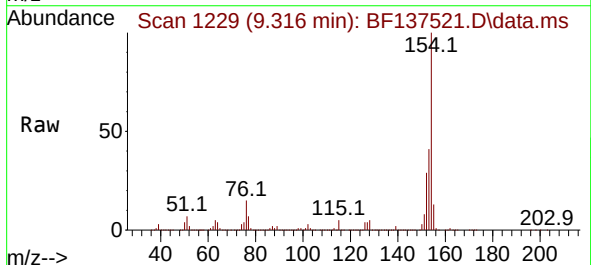
Instrument :
BNA_F
ClientSampleId :
72-12002MS

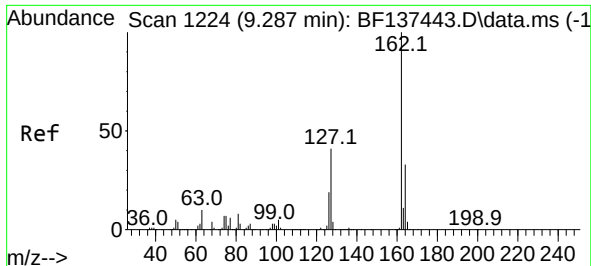
Tgt Ion:172 Resp: 1660605
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 44.673 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:154 Resp: 1503582
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 15.2 0.0 35.8





#47

2-Chloronaphthalene

Concen: 46.424 ng

RT: 9.339 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

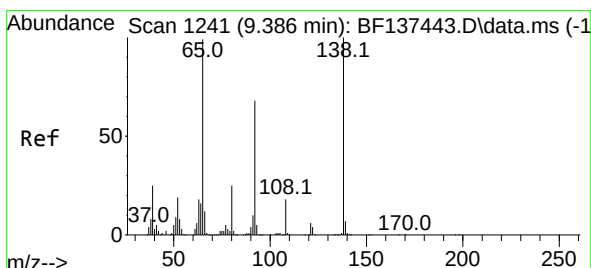
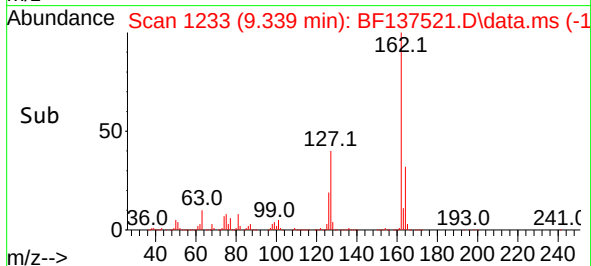
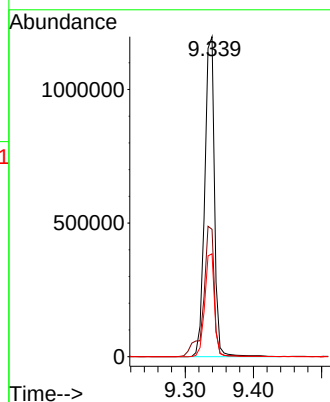
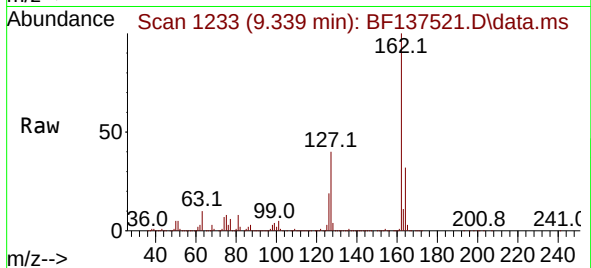
Tgt Ion:162 Resp: 1191311

Ion Ratio Lower Upper

162 100

127 39.8 32.6 49.0

164 32.2 26.5 39.7



#48

2-Nitroaniline

Concen: 47.981 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

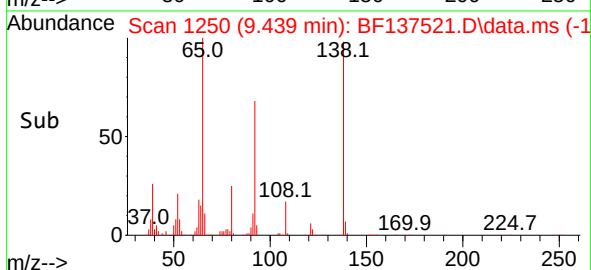
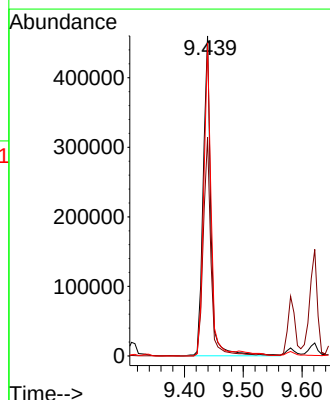
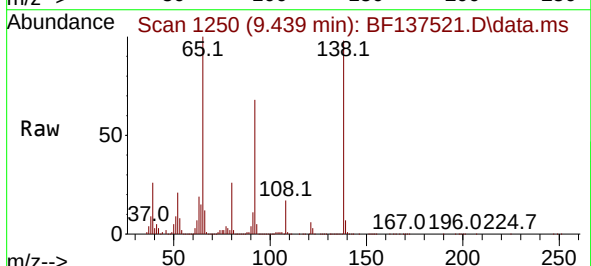
Tgt Ion: 65 Resp: 418489

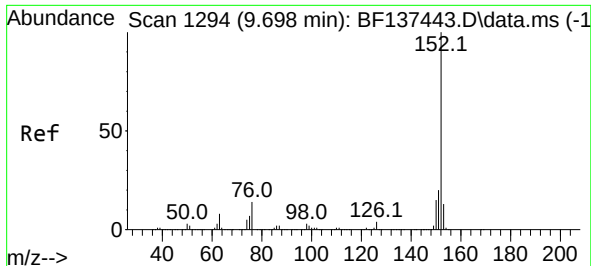
Ion Ratio Lower Upper

65 100

92 68.4 55.4 83.2

138 97.8 81.0 121.6





#49

Acenaphthylene

Concen: 45.684 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

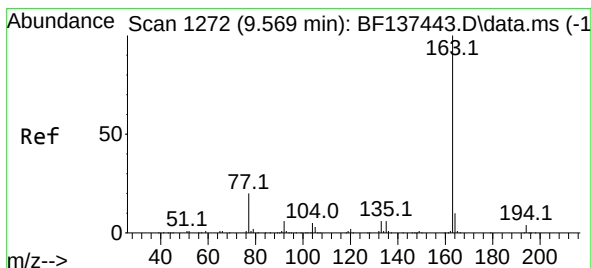
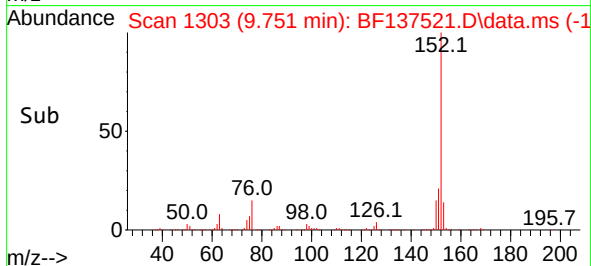
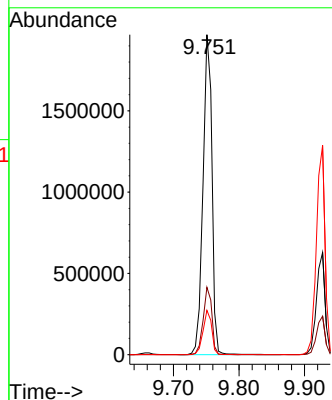
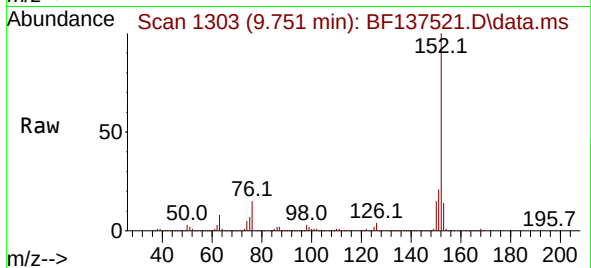
Tgt Ion:152 Resp: 1876090

Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.4

153 13.8 10.8 16.2



#50

Dimethylphthalate

Concen: 44.630 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

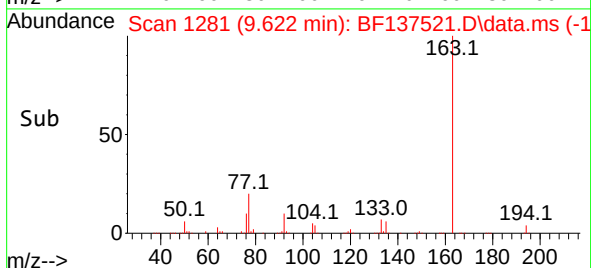
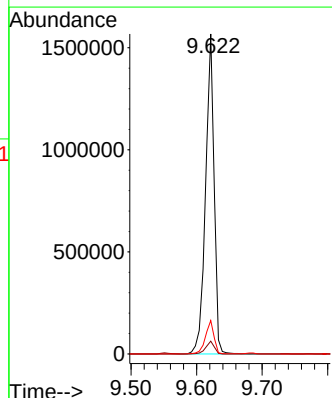
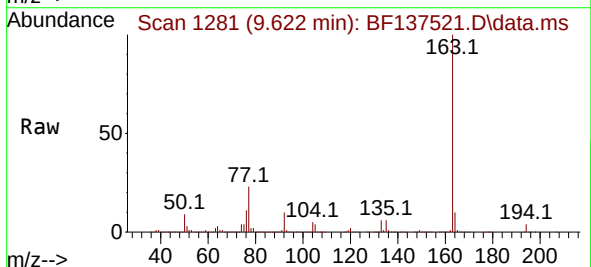
Tgt Ion:163 Resp: 1428673

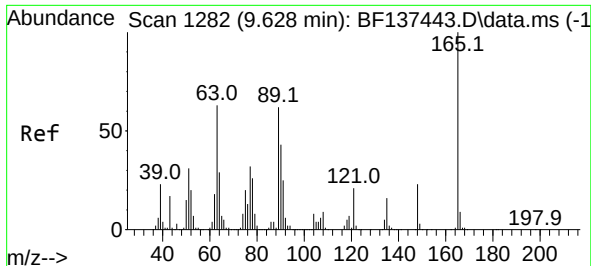
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.1 12.1

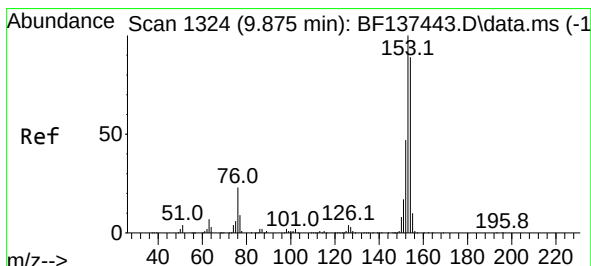
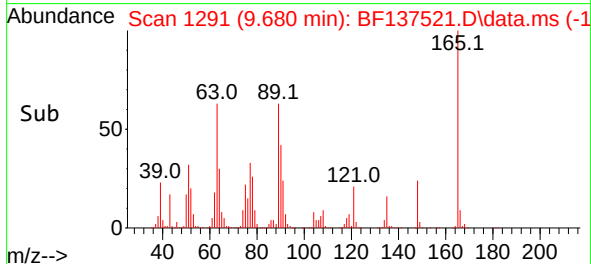
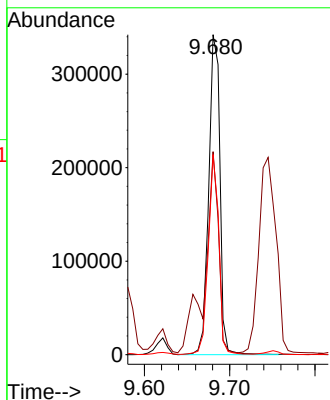
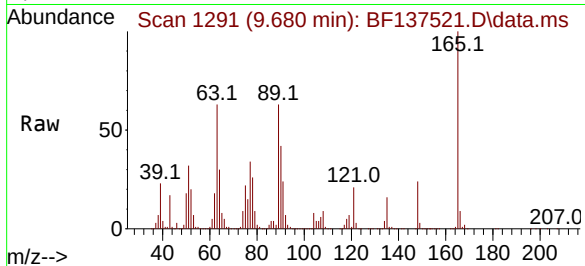




#51
2,6-Dinitrotoluene
Concen: 46.749 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

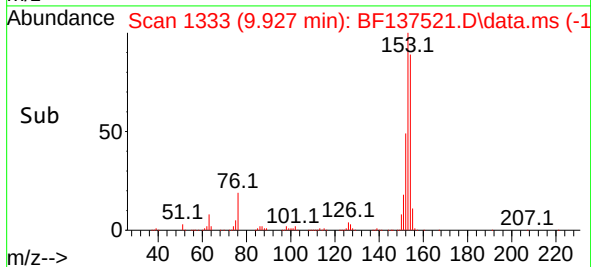
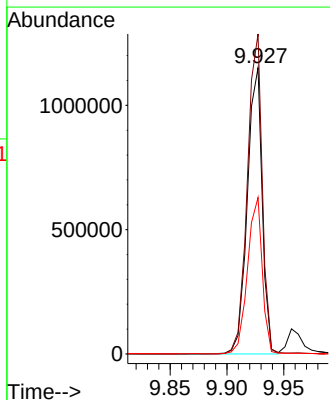
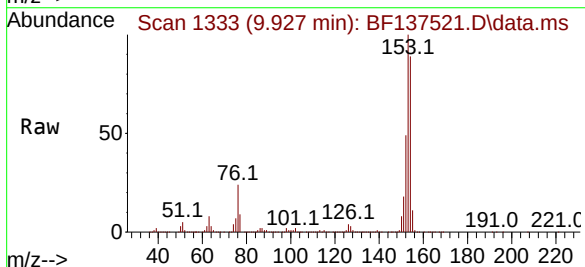
Instrument :
BNA_F
ClientSampleId :
72-12002MS

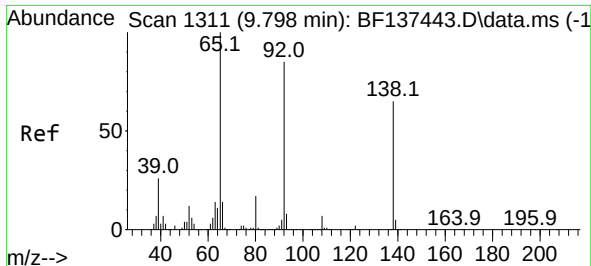
Tgt Ion:165 Resp: 313010
Ion Ratio Lower Upper
165 100
63 63.4 50.7 76.1
89 62.5 50.0 75.0



#52
Acenaphthene
Concen: 42.861 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:154 Resp: 1050823
Ion Ratio Lower Upper
154 100
153 111.8 90.3 135.5
152 54.7 42.7 64.1

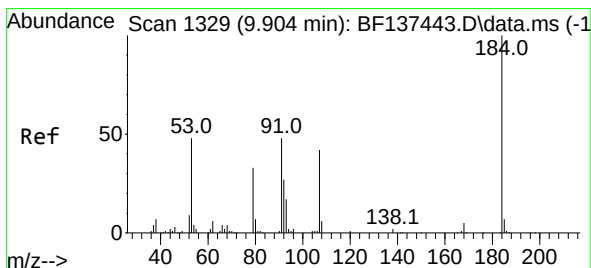
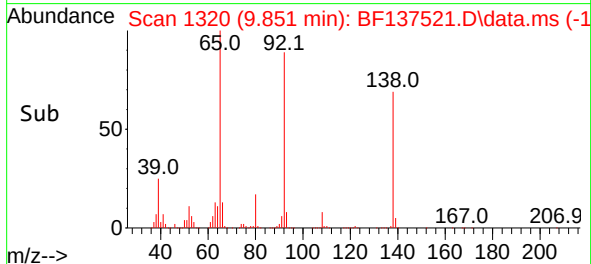
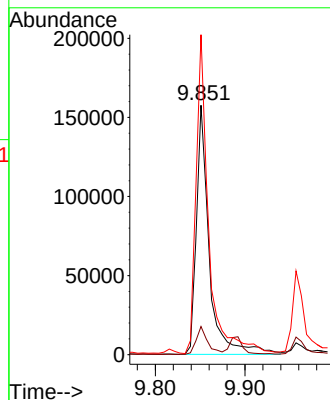
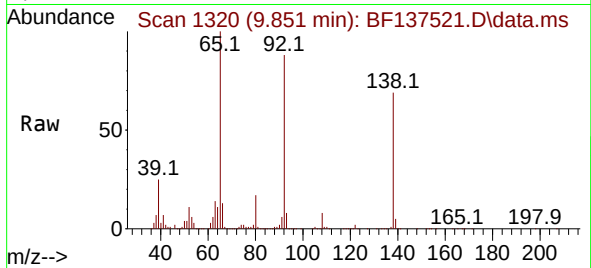




#53
3-Nitroaniline
Concen: 22.145 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

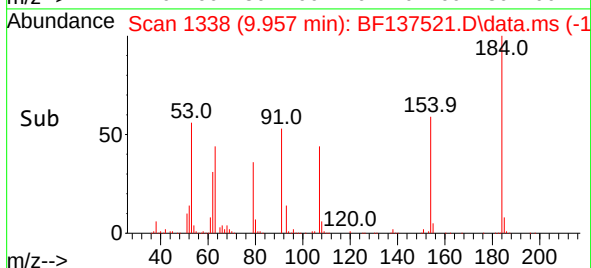
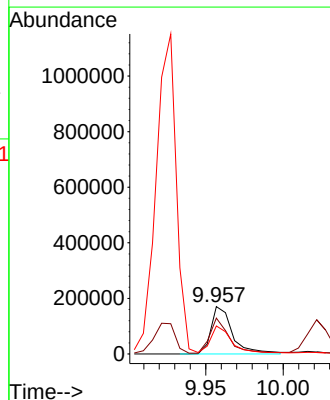
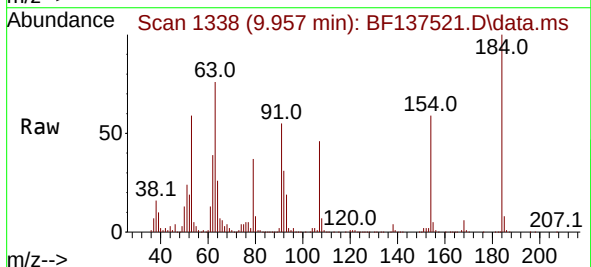
Instrument :
BNA_F
ClientSampleId :
72-12002MS

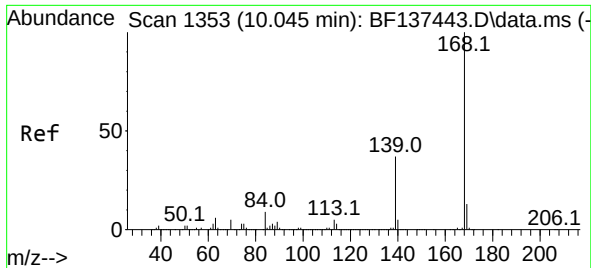
Tgt Ion:138 Resp: 156832
Ion Ratio Lower Upper
138 100
108 11.3 9.1 13.7
92 128.3 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 53.443 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:184 Resp: 164592
Ion Ratio Lower Upper
184 100
63 75.7 53.3 79.9
154 59.2 47.4 71.0

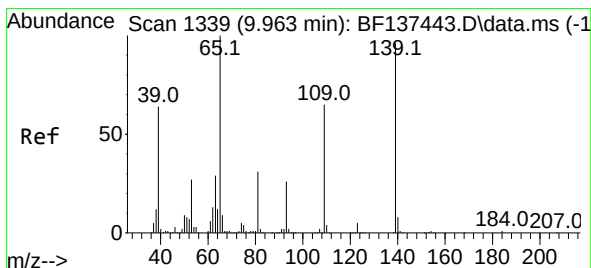
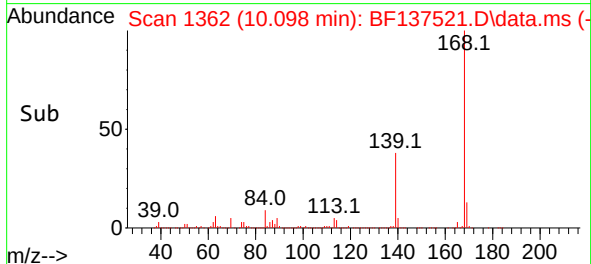
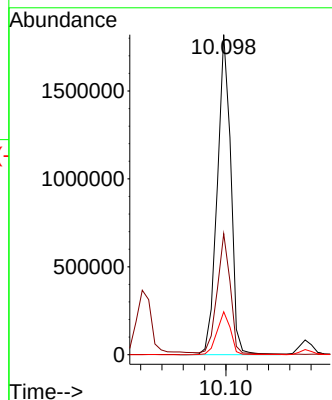
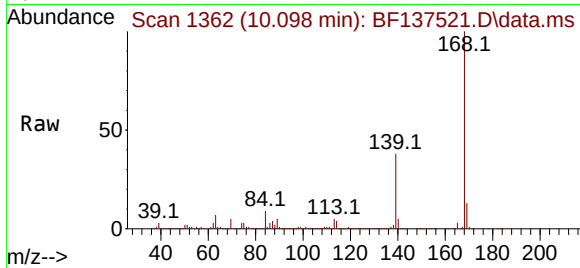




#55
Dibenzofuran
Concen: 42.746 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

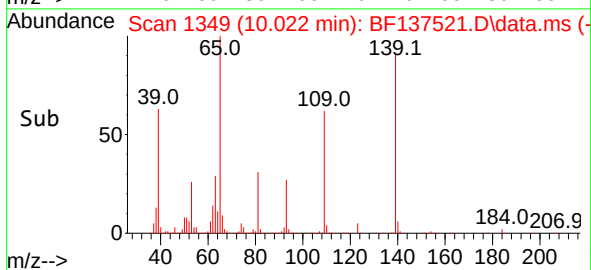
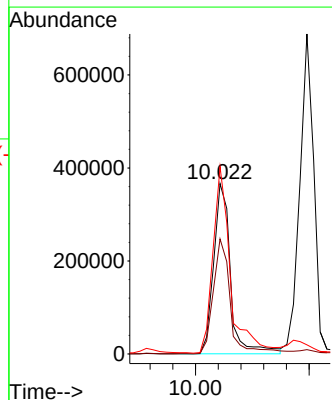
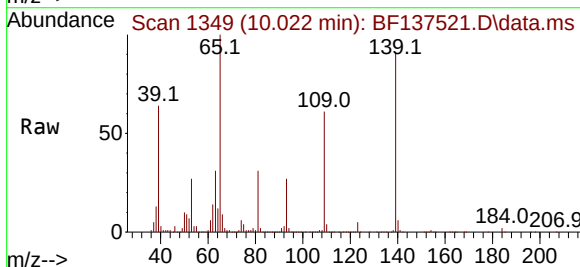
Instrument :
BNA_F
ClientSampleId :
72-12002MS

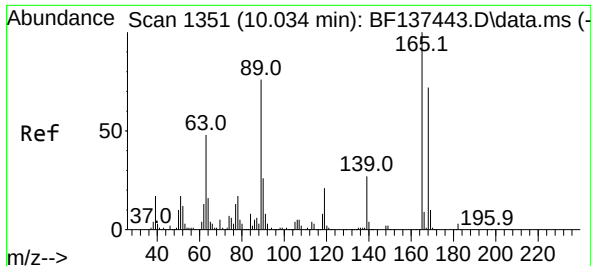
Tgt Ion:168 Resp: 1596192
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 75.269 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:139 Resp: 377823
Ion Ratio Lower Upper
139 100
109 67.4 47.1 87.1
65 109.8 85.1 125.1

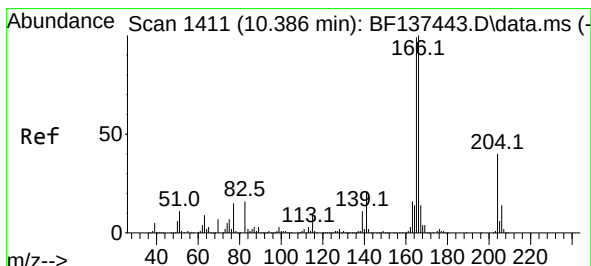
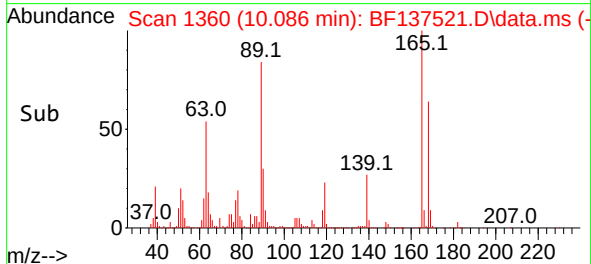
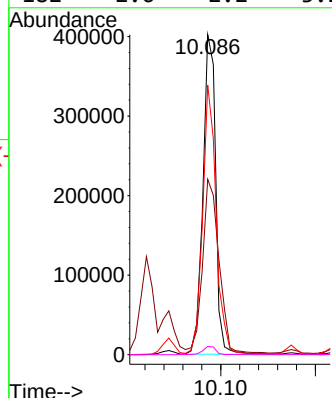
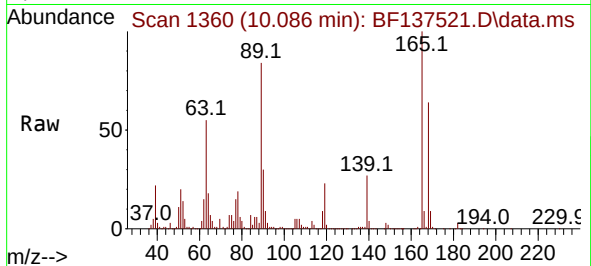




#57
2,4-Dinitrotoluene
Concen: 45.334 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

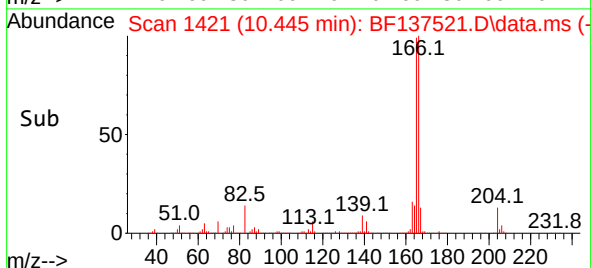
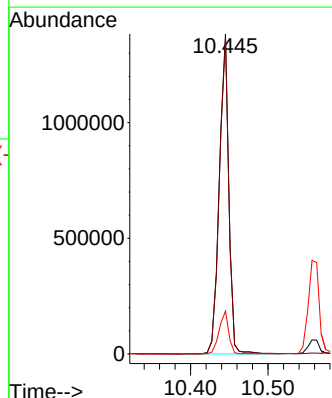
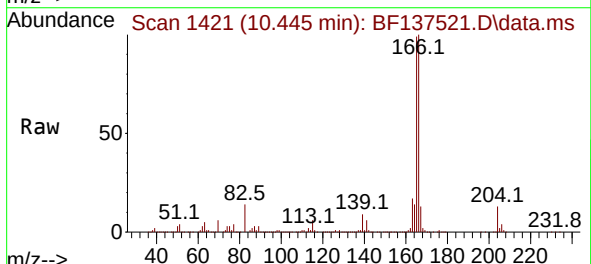
Instrument :
BNA_F
ClientSampleId :
72-12002MS

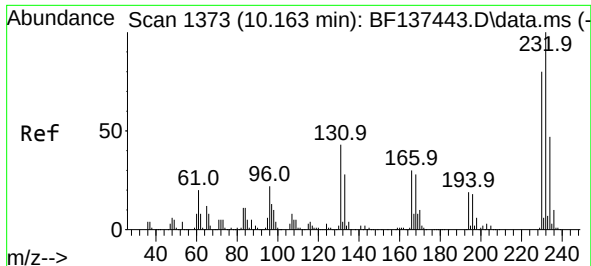
Tgt Ion:165 Resp: 372918
Ion Ratio Lower Upper
165 100
63 54.8 39.0 58.6
89 84.3 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 40.979 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:166 Resp: 1175199
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 13.4 11.0 16.6

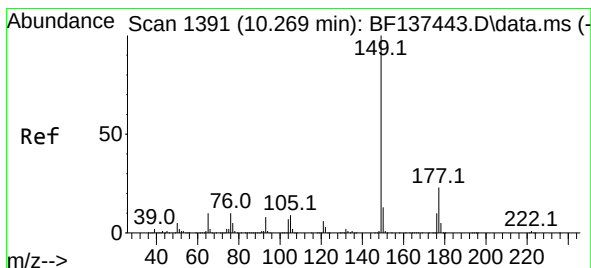
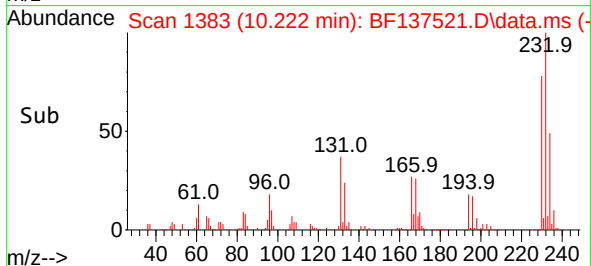
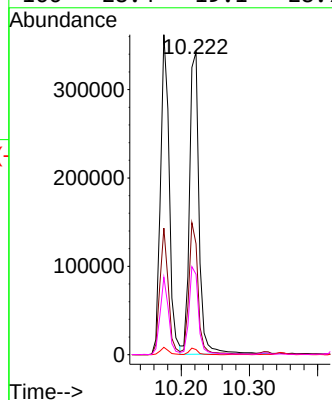
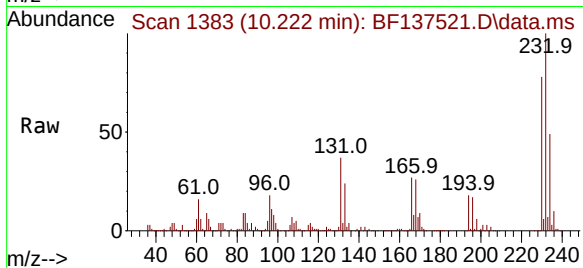




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.802 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

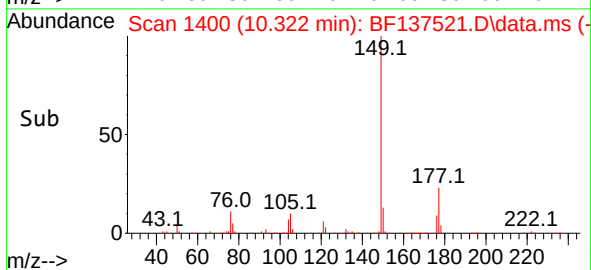
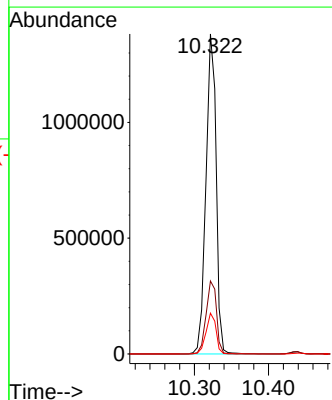
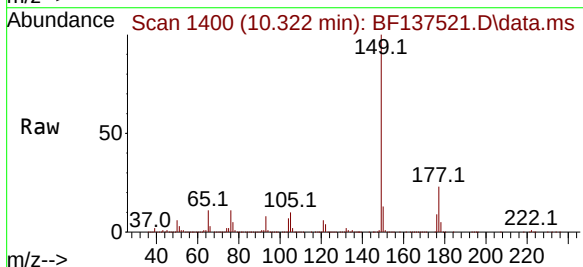
Instrument :
BNA_F
ClientSampleId :
72-12002MS

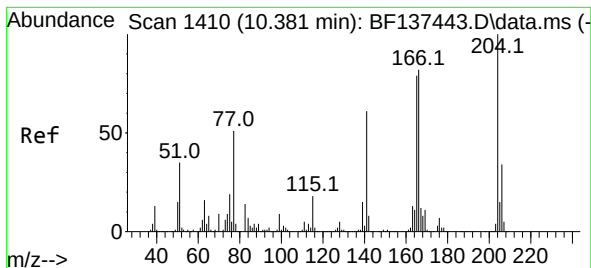
Tgt Ion:232 Resp: 330552
Ion Ratio Lower Upper
232 100
131 41.1 31.2 46.8
130 2.0 1.8 2.6
166 28.4 19.1 28.7



#60
Diethylphthalate
Concen: 43.891 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:149 Resp: 1326812
Ion Ratio Lower Upper
149 100
177 22.8 18.7 28.1
150 12.8 10.2 15.4

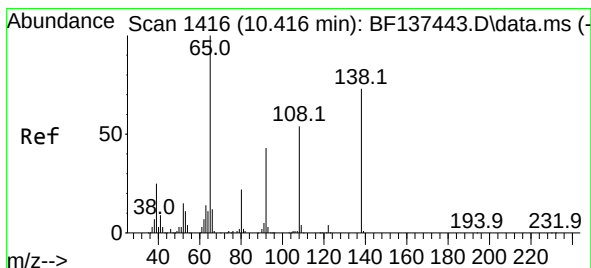
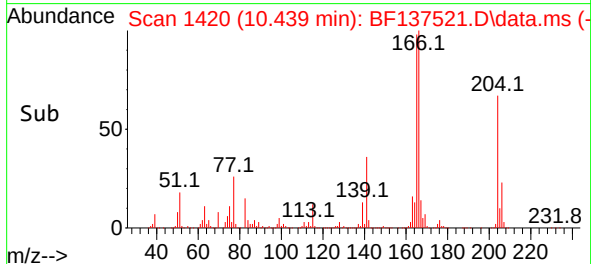
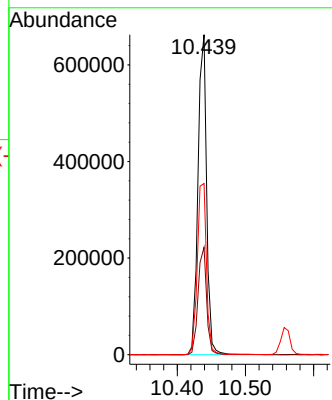
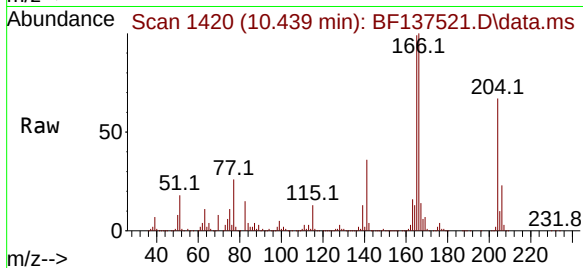




#61
4-Chlorophenyl-phenylether
Concen: 41.355 ng
RT: 10.439 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

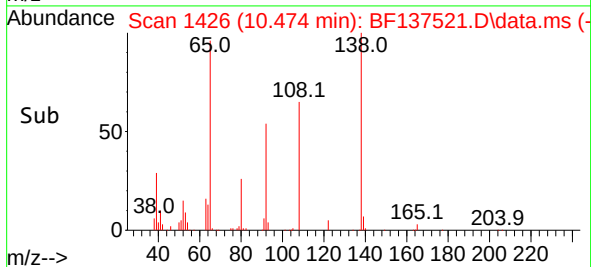
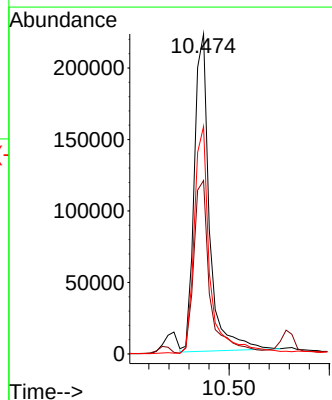
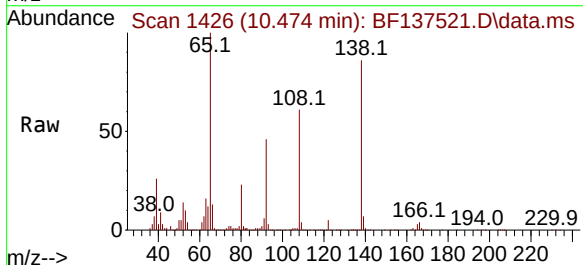
Instrument :
BNA_F
ClientSampleId :
72-12002MS

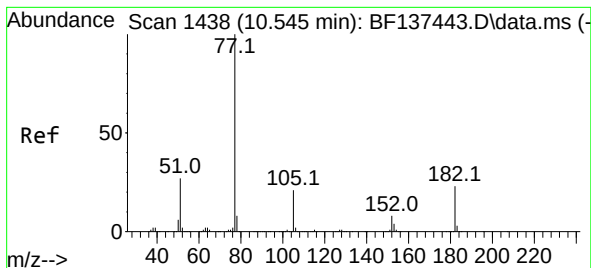
Tgt Ion:204 Resp: 581241
Ion Ratio Lower Upper
204 100
206 33.6 27.4 41.0
141 53.5 48.4 72.6



#62
4-Nitroaniline
Concen: 38.496 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:138 Resp: 234323
Ion Ratio Lower Upper
138 100
92 54.2 37.9 77.9
108 71.1 53.2 93.2





#63

Azobenzene

Concen: 42.707 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

Tgt Ion: 77 Resp: 1486592

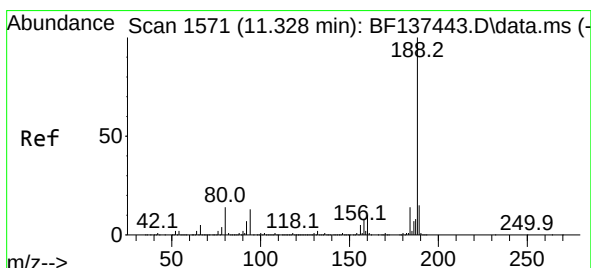
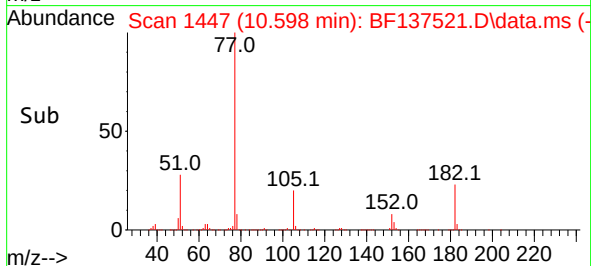
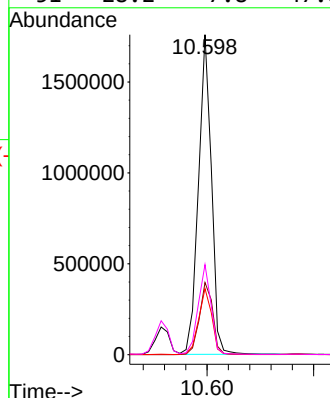
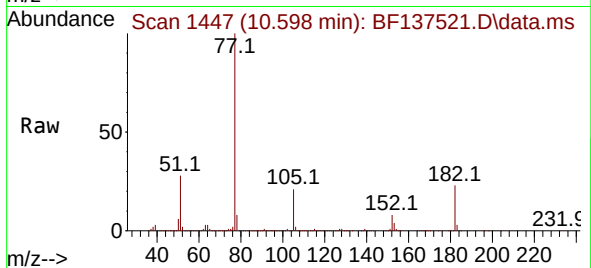
Ion Ratio Lower Upper

77 100

182 22.5 3.2 43.2

105 20.6 1.2 41.2

51 28.2 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: BF137521.D

Acq: 06 Mar 2024 16:25

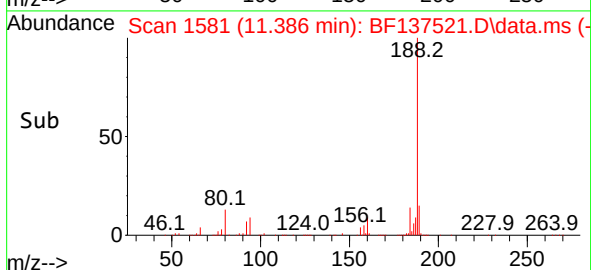
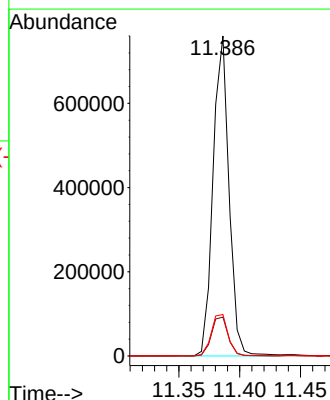
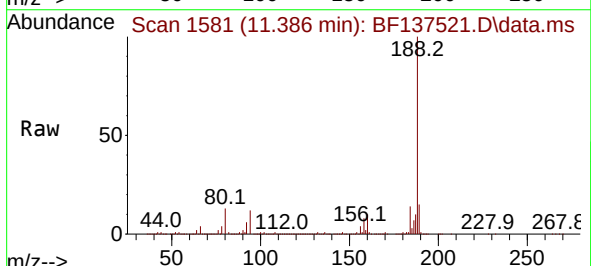
Tgt Ion: 188 Resp: 690637

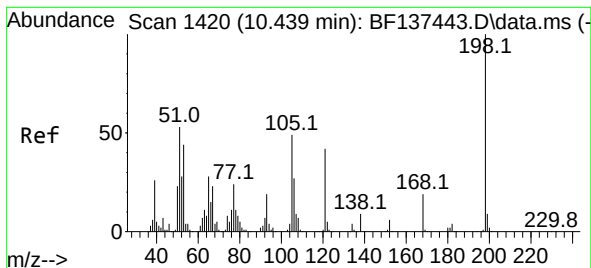
Ion Ratio Lower Upper

188 100

94 12.1 10.6 15.8

80 13.0 11.5 17.3

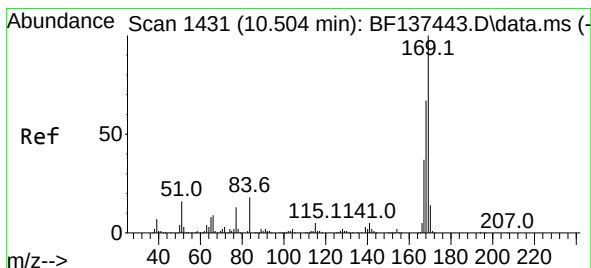
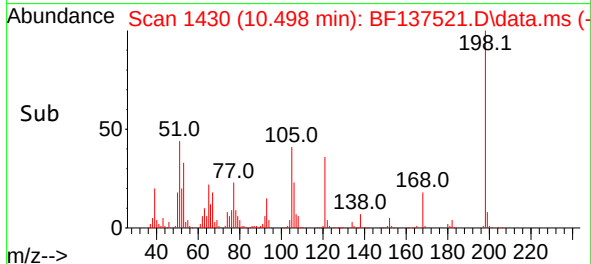
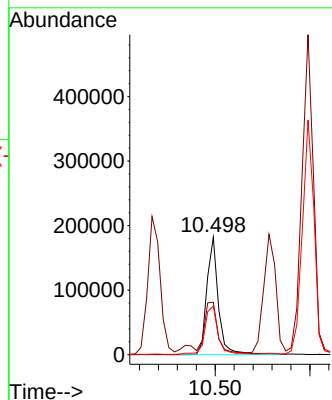
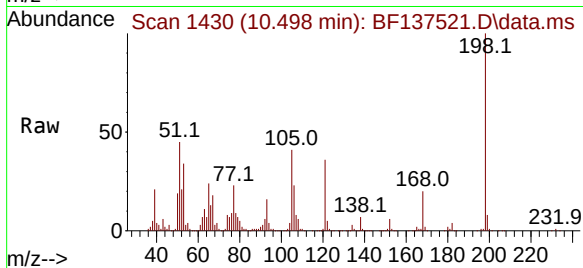




#65
4,6-Dinitro-2-methylphenol
Concen: 39.908 ng
RT: 10.498 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

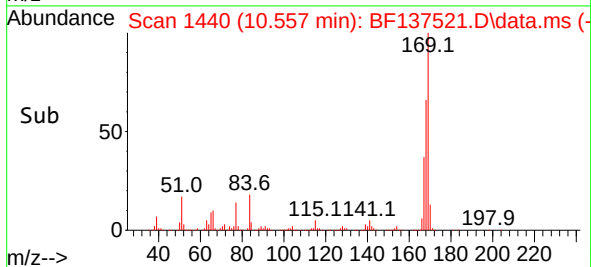
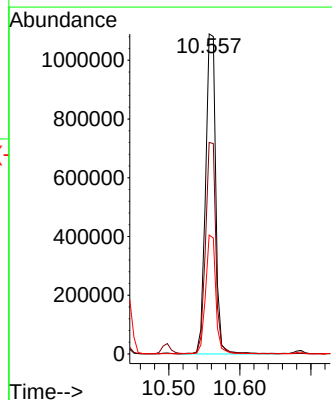
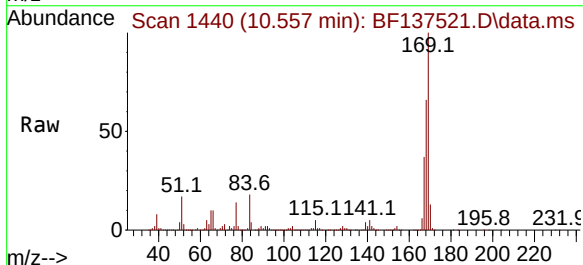
Instrument :
BNA_F
ClientSampleId :
72-12002MS

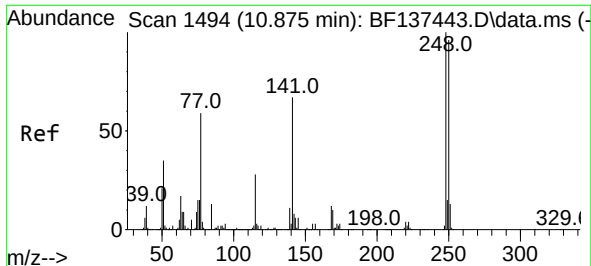
Tgt Ion:198 Resp: 153617
Ion Ratio Lower Upper
198 100
51 44.6 37.2 77.2
105 41.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.752 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:169 Resp: 1084208
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 37.1 29.6 44.4

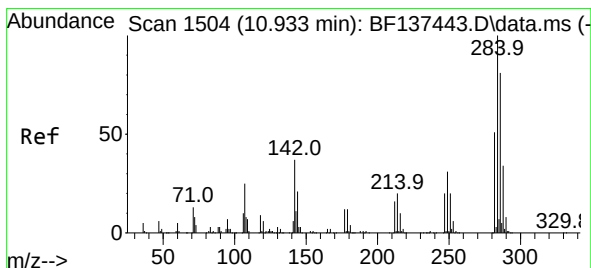
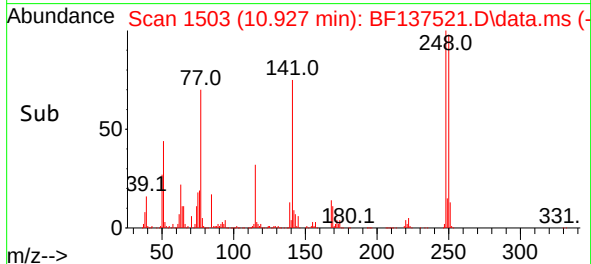
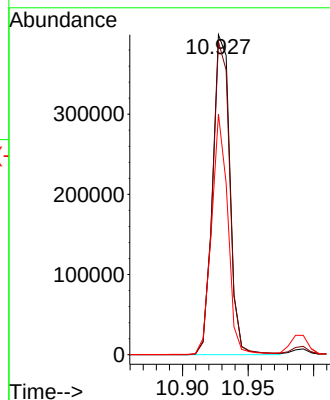
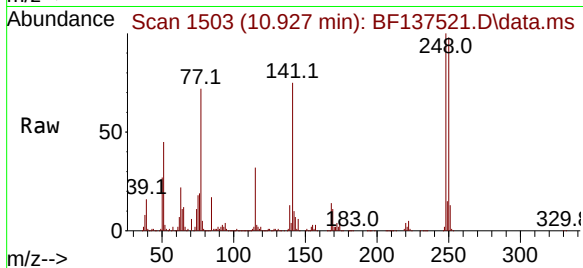




#67
4-Bromophenyl-phenylether
Concen: 48.834 ng
RT: 10.927 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

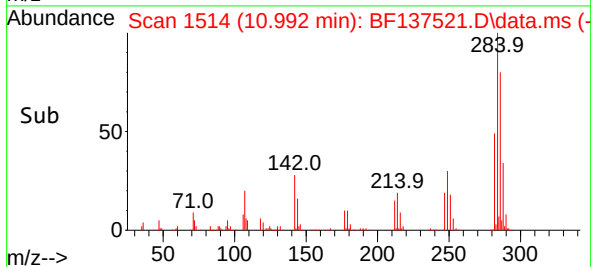
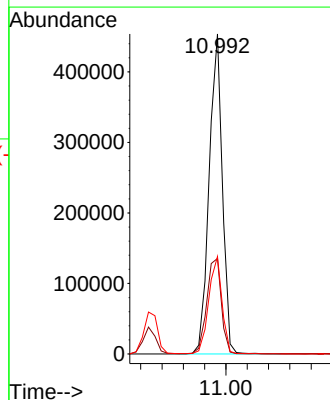
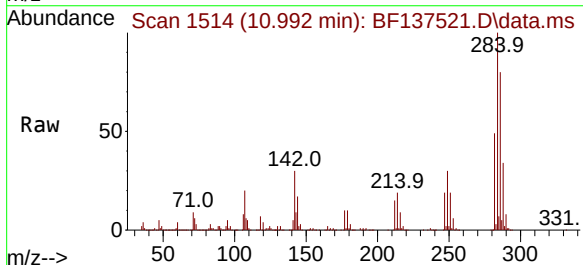
Instrument :
BNA_F
ClientSampleId :
72-12002MS

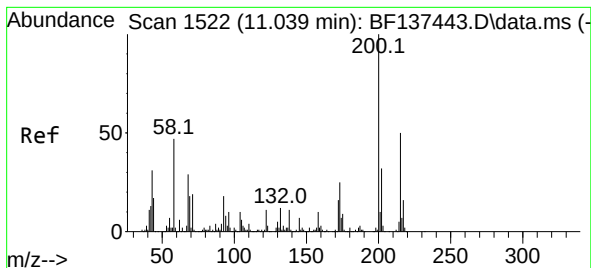
Tgt Ion:248 Resp: 367343
Ion Ratio Lower Upper
248 100
250 97.8 76.8 115.2
141 75.2 53.4 80.0



#68
Hexachlorobenzene
Concen: 51.456 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:284 Resp: 390945
Ion Ratio Lower Upper
284 100
142 29.8 29.4 44.0
249 30.5 25.0 37.4





#69

Atrazine

Concen: 50.217 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

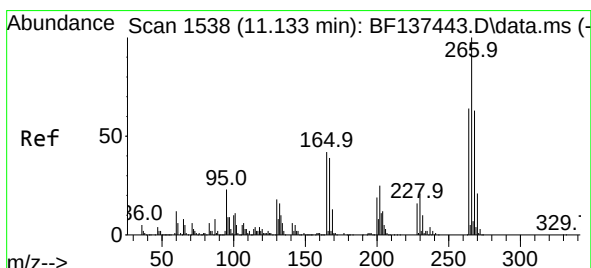
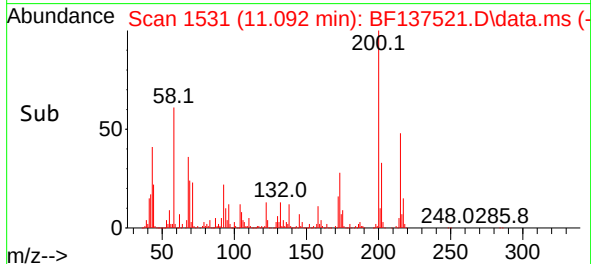
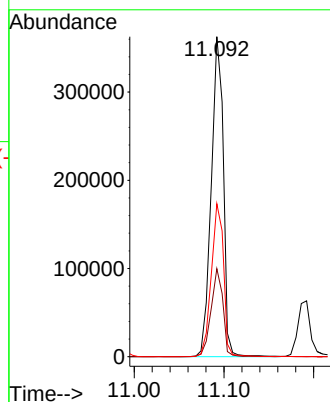
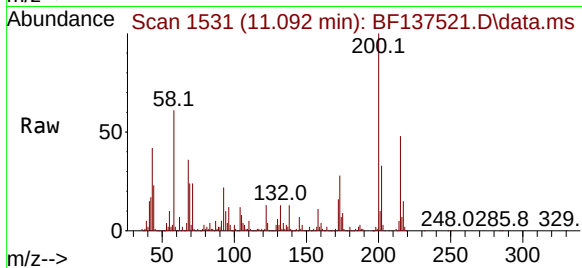
Tgt Ion:200 Resp: 339504

Ion Ratio Lower Upper

200 100

173 27.5 5.1 45.1

215 47.8 30.4 70.4



#70

Pentachlorophenol

Concen: 77.599 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

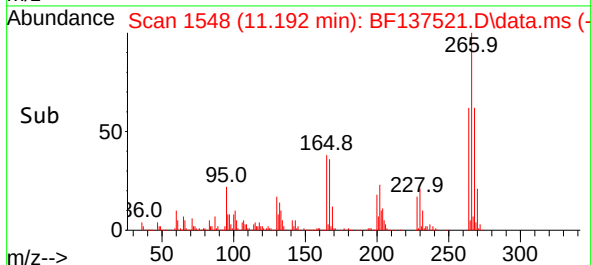
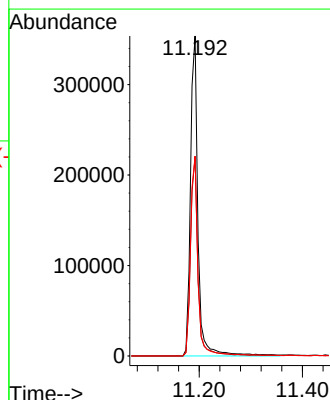
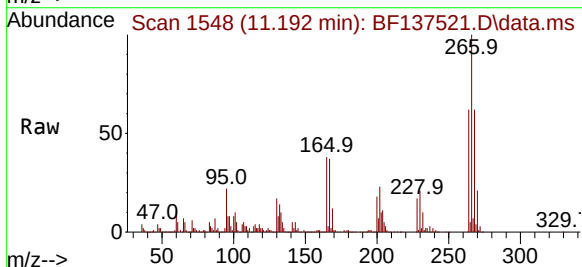
Tgt Ion:266 Resp: 356403

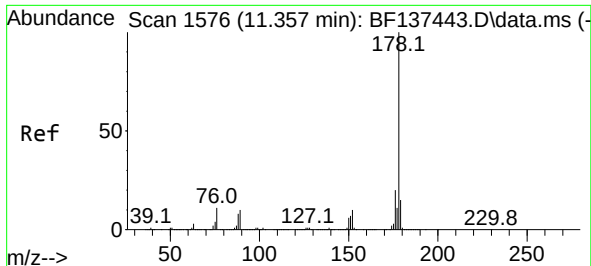
Ion Ratio Lower Upper

266 100

268 62.3 50.2 75.2

264 62.4 50.9 76.3

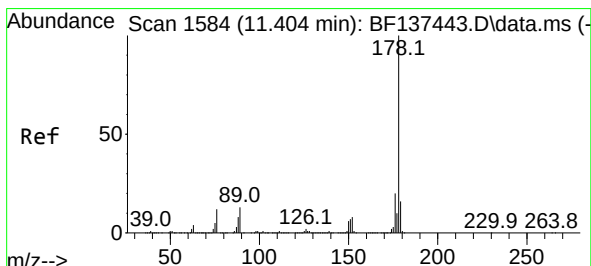
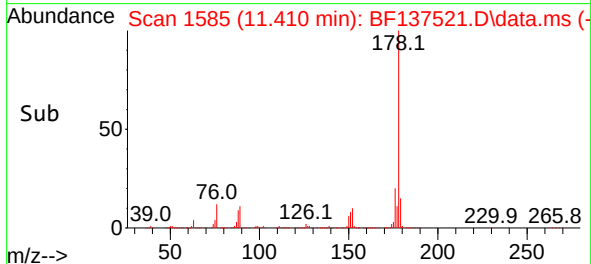
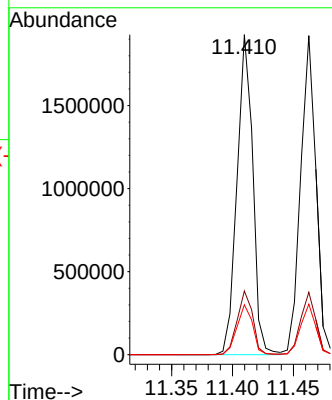
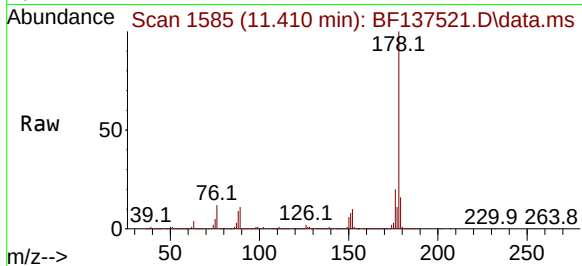




#71
Phenanthrene
Concen: 46.067 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

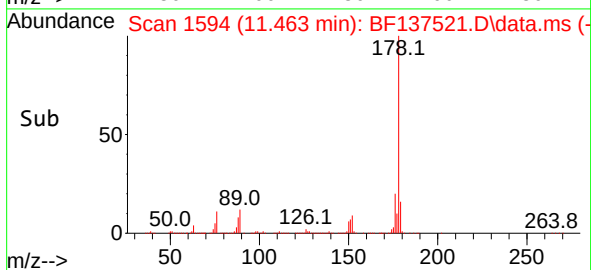
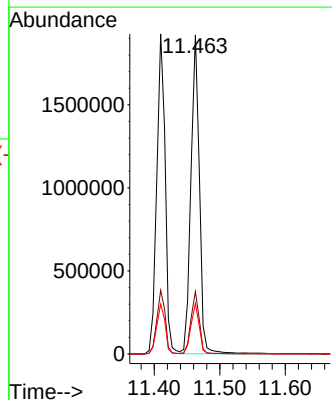
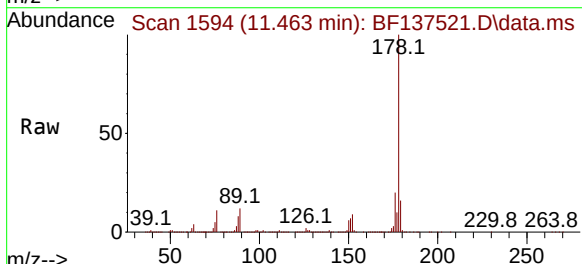
Instrument :
BNA_F
ClientSampleId :
72-12002MS

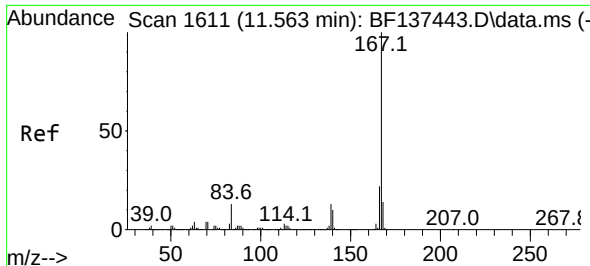
Tgt Ion:178 Resp: 1731471
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.6 12.2 18.2



#72
Anthracene
Concen: 44.728 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:178 Resp: 1726618
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.8 12.7 19.1

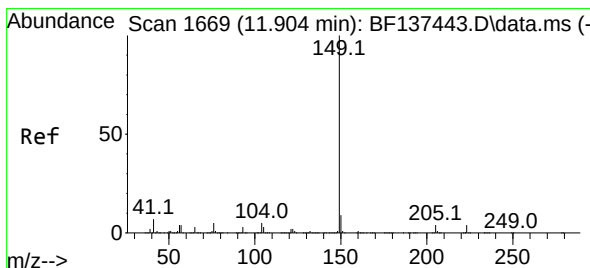
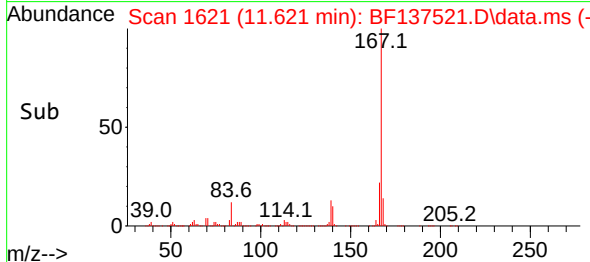
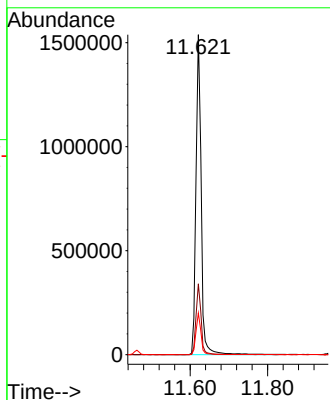
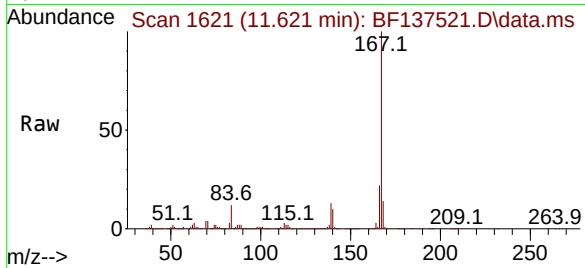




#73
 Carbazole
 Concen: 43.200 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

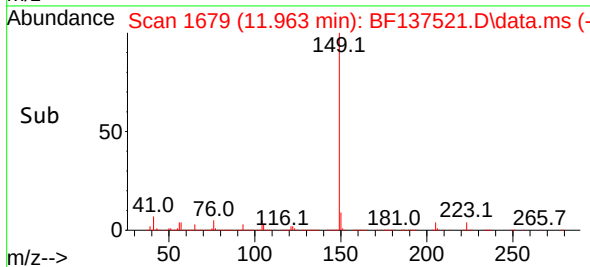
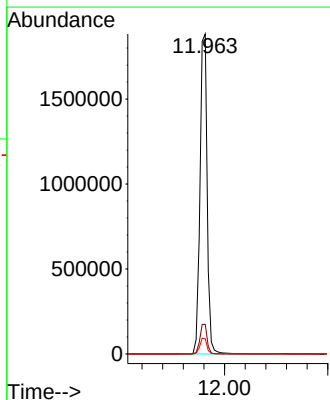
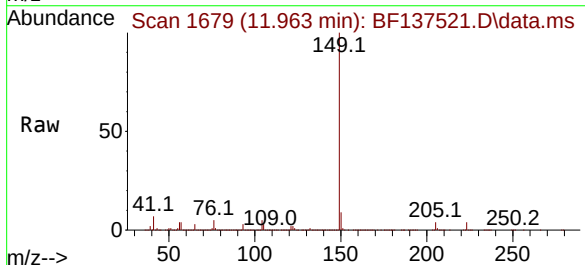
Instrument :
 BNA_F
 ClientSampleId :
 72-12002MS

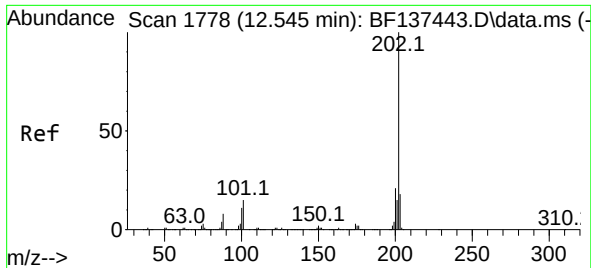
Tgt Ion:167 Resp: 1428452
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 45.905 ng
 RT: 11.963 min Scan# 1679
 Delta R.T. 0.000 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

Tgt Ion:149 Resp: 1805940
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.8 3.8 5.6

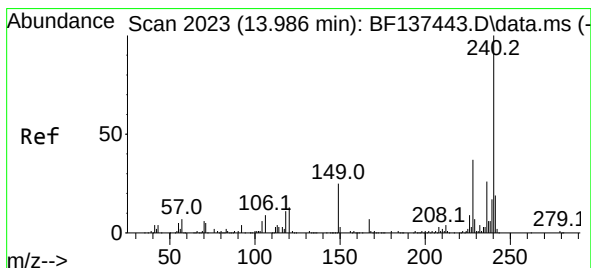
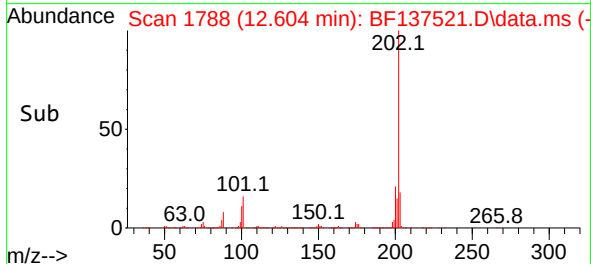
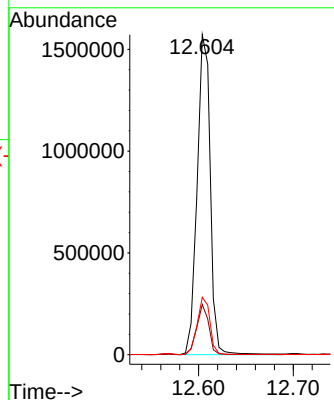
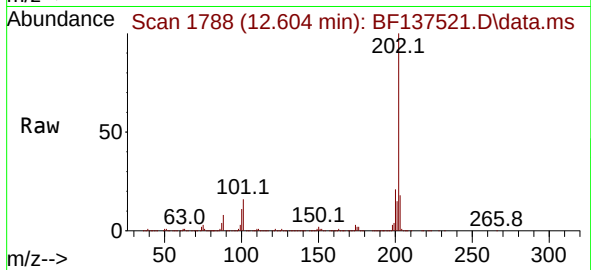




#75
Fluoranthene
Concen: 41.293 ng
RT: 12.604 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

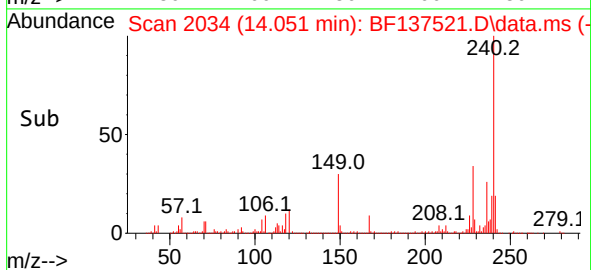
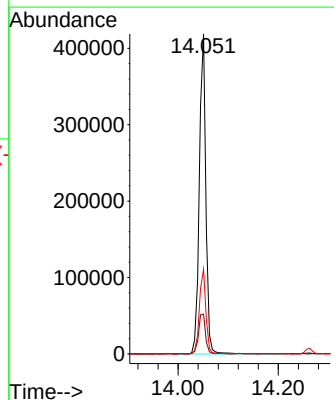
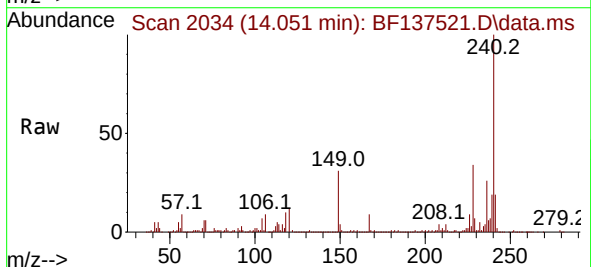
Instrument :
BNA_F
ClientSampleId :
72-12002MS

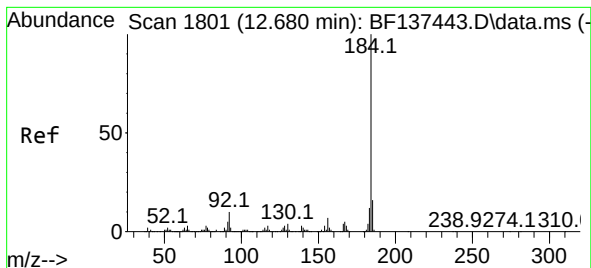
Tgt Ion:202 Resp: 1517075
Ion Ratio Lower Upper
202 100
101 15.7 0.0 35.0
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:240 Resp: 376448
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 26.4 20.9 31.3





#77

Benzidine

Concen: 52.747 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

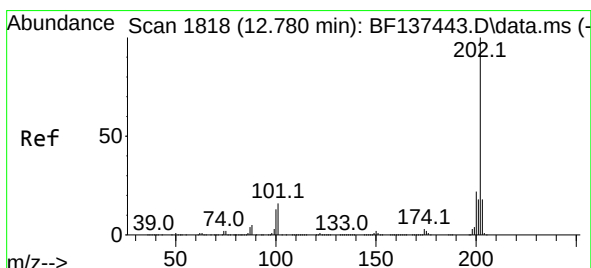
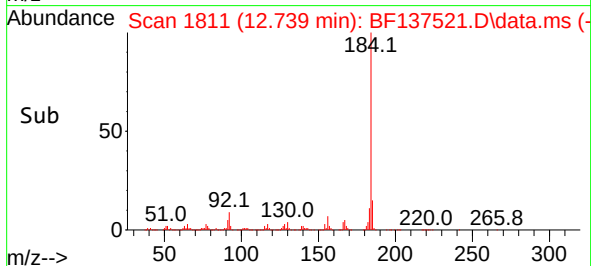
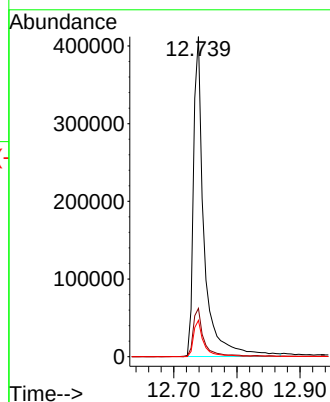
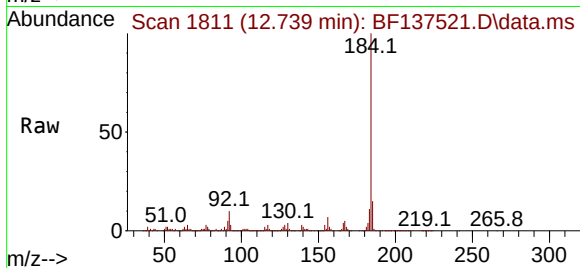
Tgt Ion:184 Resp: 485930

Ion Ratio Lower Upper

184 100

185 15.1 13.2 19.8

183 11.4 9.3 13.9



#78

Pyrene

Concen: 40.642 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

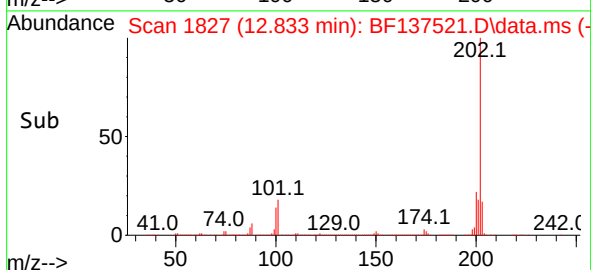
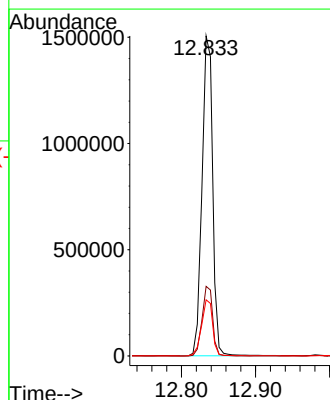
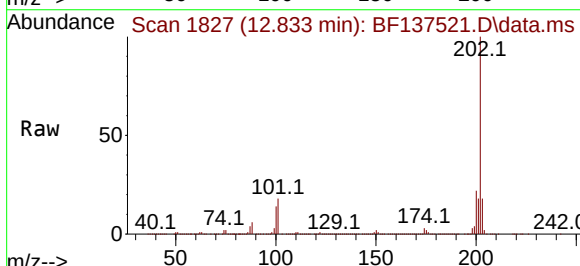
Tgt Ion:202 Resp: 1501222

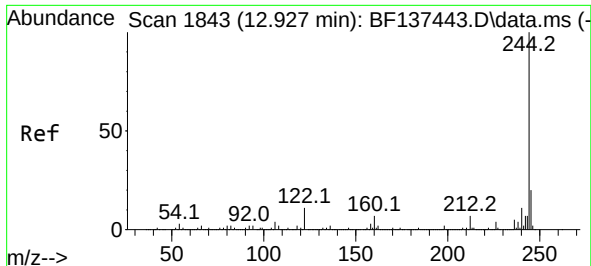
Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

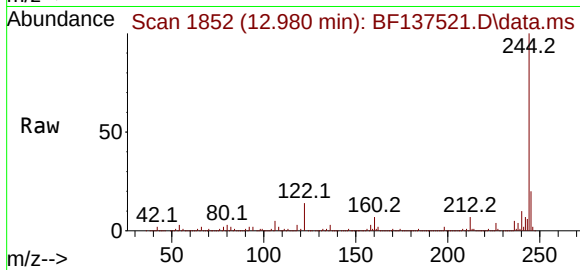
203 17.6 14.1 21.1



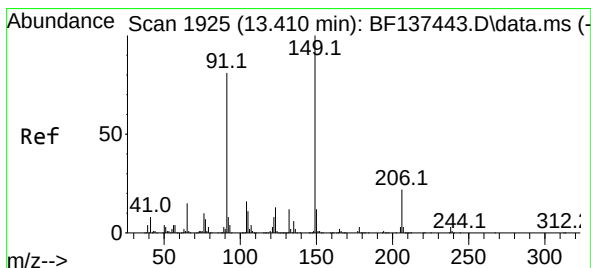
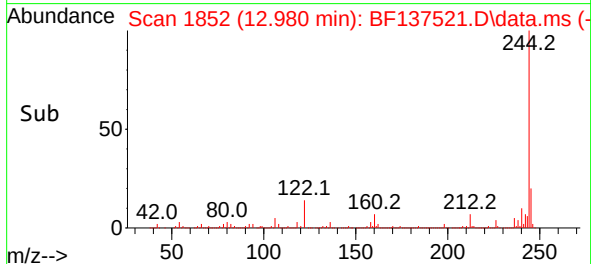
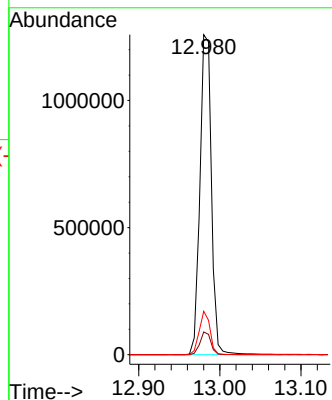


#79
 Terphenyl-d14
 Concen: 45.465 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

Instrument :
 BNA_F
 ClientSampleId :
 72-12002MS

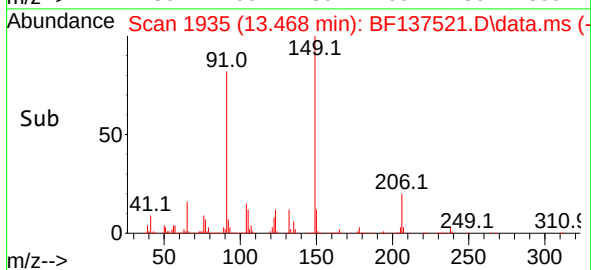
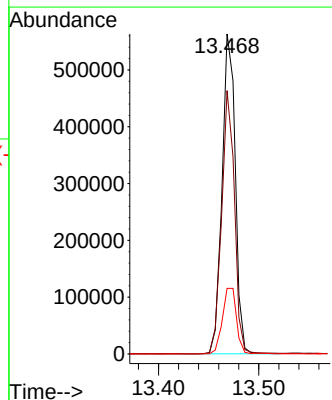
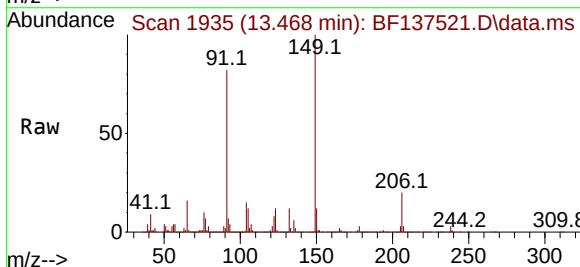


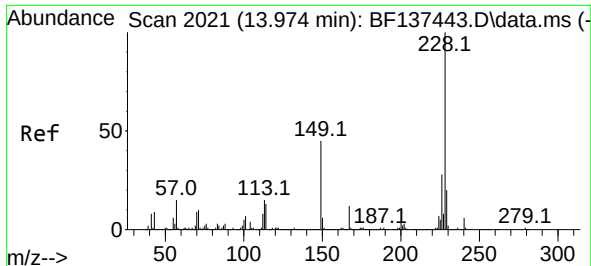
Tgt Ion:244 Resp: 1244656
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 13.5 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 54.520 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

Tgt Ion:149 Resp: 514311
 Ion Ratio Lower Upper
 149 100
 91 82.3 64.7 97.1
 206 20.5 17.5 26.3

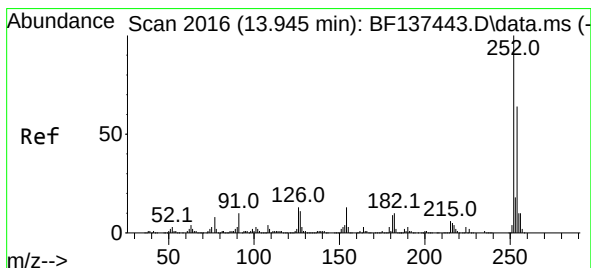
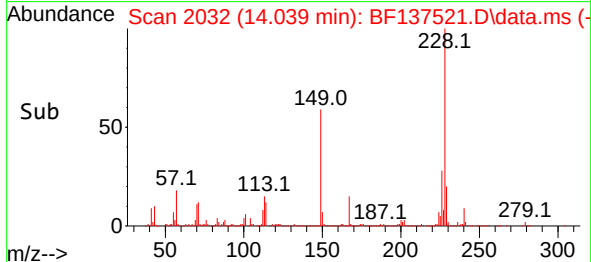
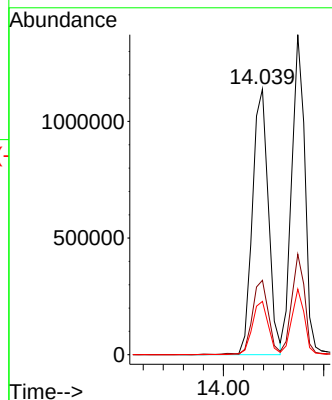
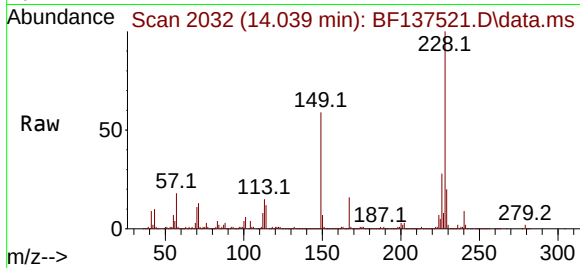




#81
Benzo(a)anthracene
Concen: 47.616 ng
RT: 14.039 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

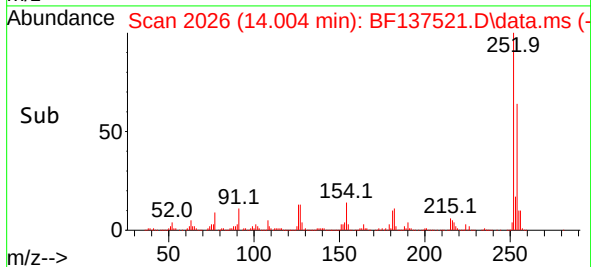
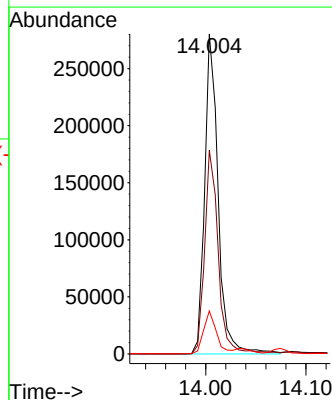
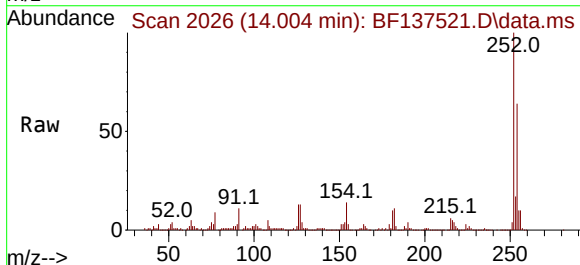
Instrument :
BNA_F
ClientSampleId :
72-12002MS

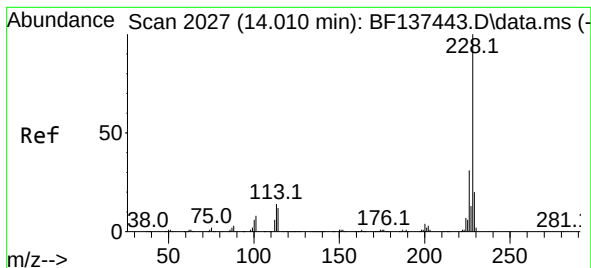
Tgt Ion:228 Resp: 1256345
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 37.494 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:252 Resp: 263447
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.2
126 13.4 10.4 15.6





#83

Chrysene

Concen: 47.015 ng

RT: 14.074 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

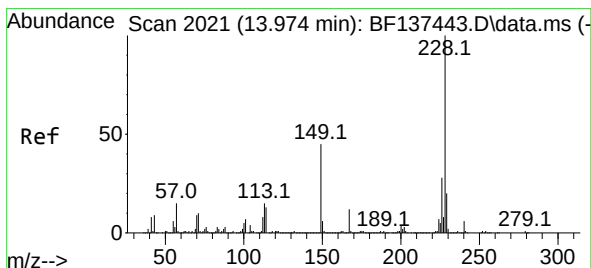
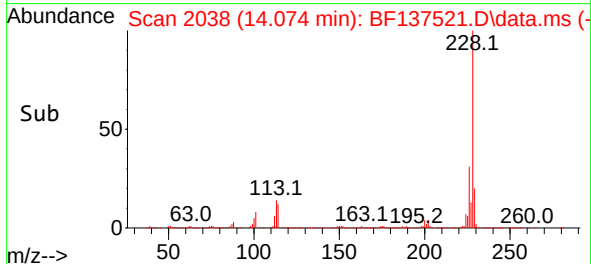
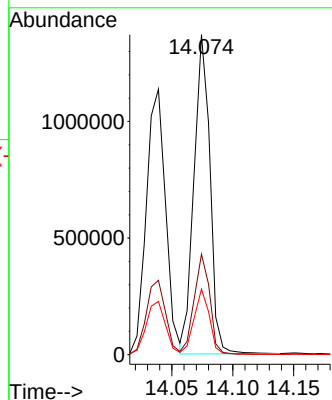
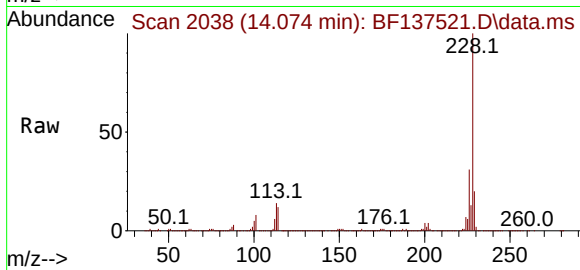
Tgt Ion:228 Resp: 1253742

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 20.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.449 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

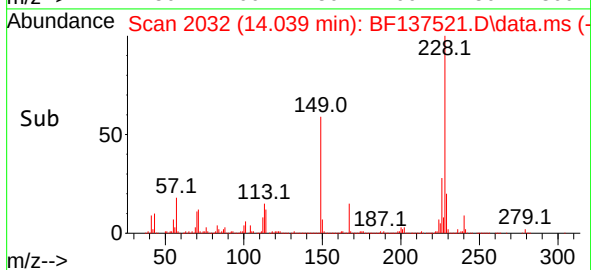
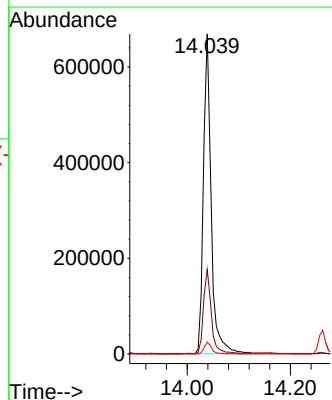
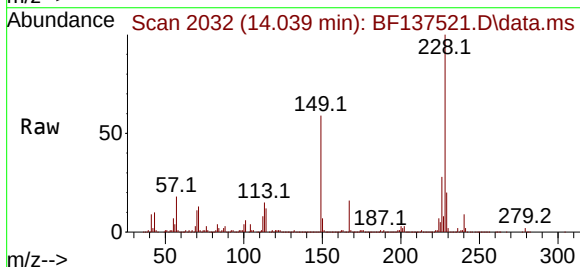
Tgt Ion:149 Resp: 700812

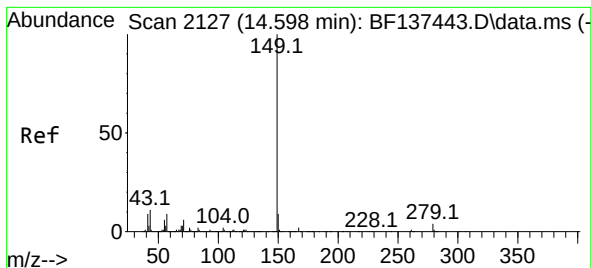
Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

279 3.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 60.218 ng

RT: 14.662 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

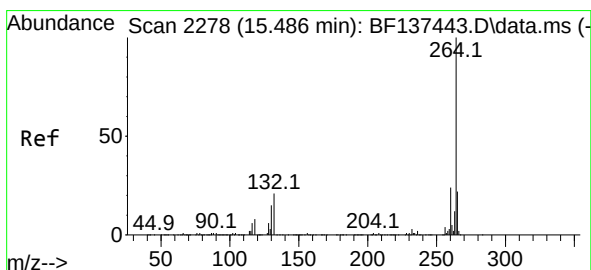
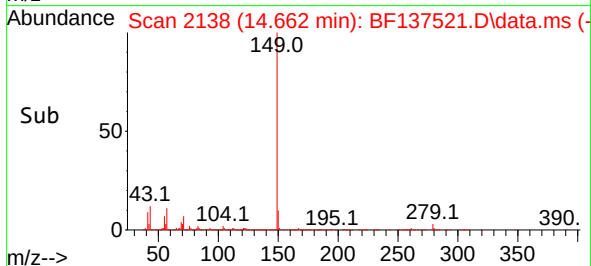
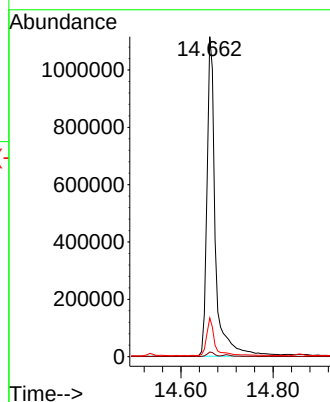
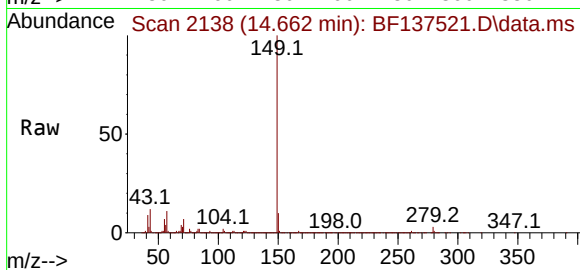
Tgt Ion:149 Resp: 1428888

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

43 11.7 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

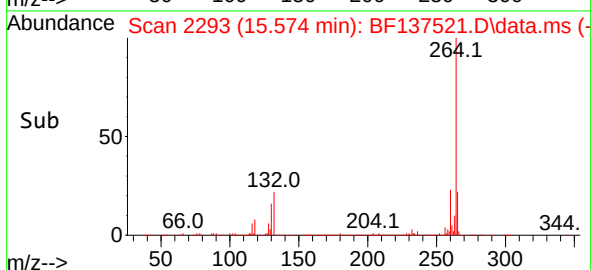
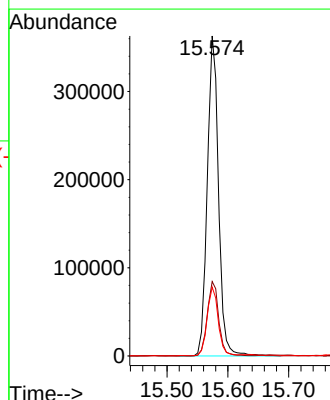
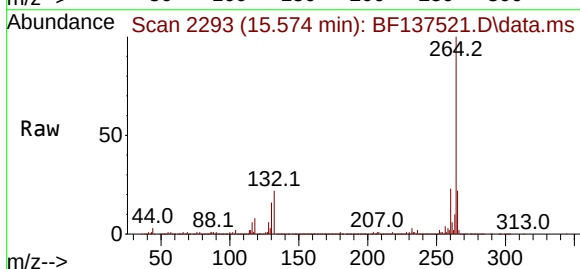
Tgt Ion:264 Resp: 466768

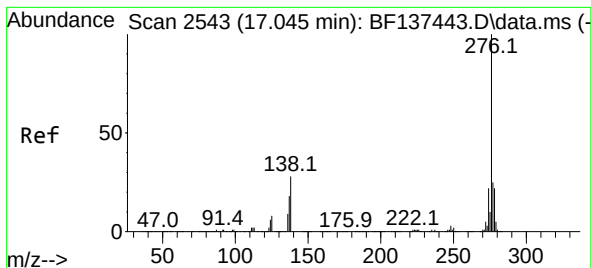
Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.697 ng

RT: 17.162 min Scan# 211

Delta R.T. 0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

Instrument :

BNA_F

ClientSampleId :

72-12002MS

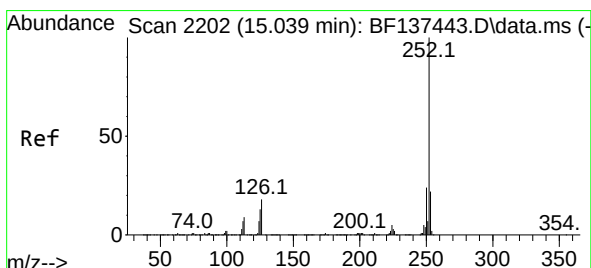
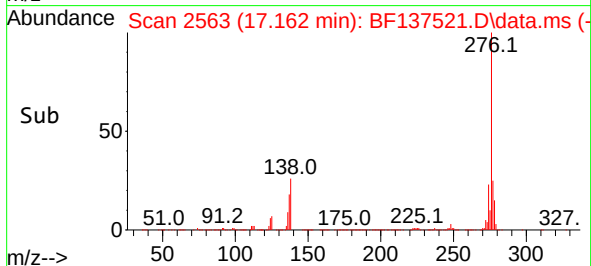
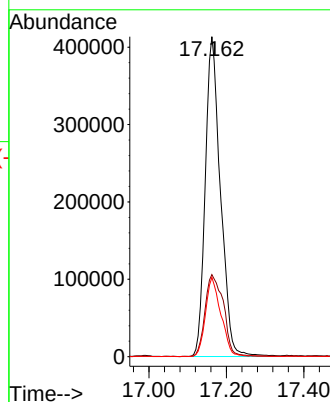
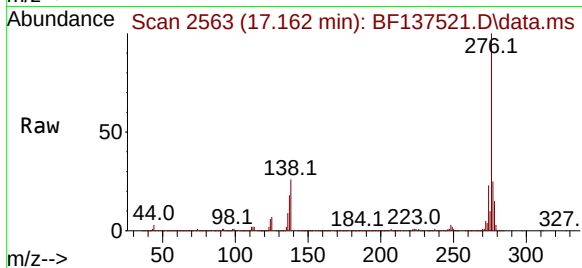
Tgt Ion:276 Resp: 1127219

Ion Ratio Lower Upper

276 100

138 31.2 25.8 38.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.498 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF137521.D

Acq: 06 Mar 2024 16:25

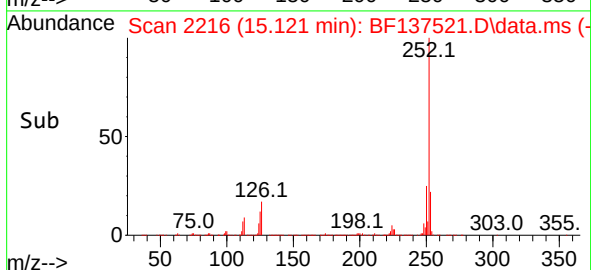
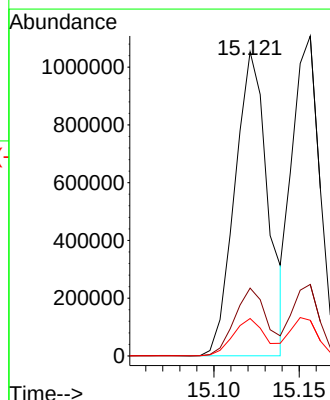
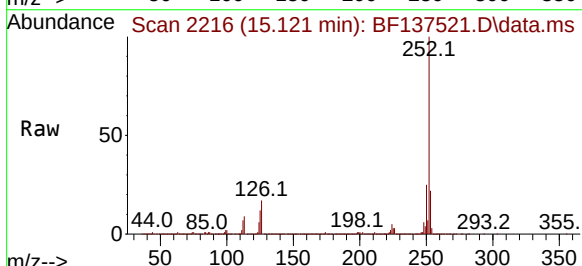
Tgt Ion:252 Resp: 1421907

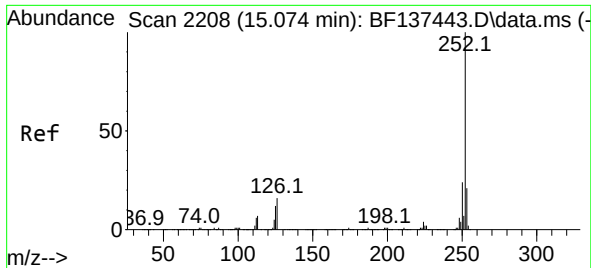
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 12.3 10.1 15.1

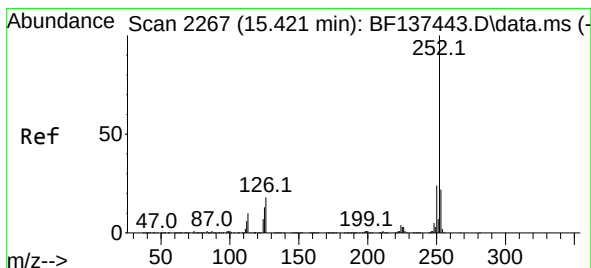
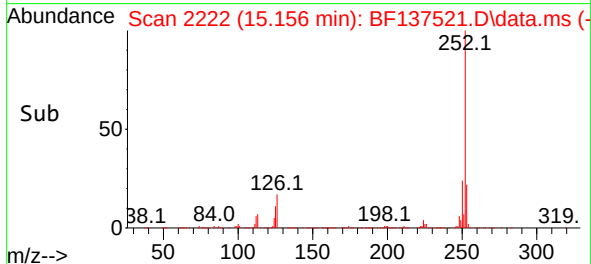
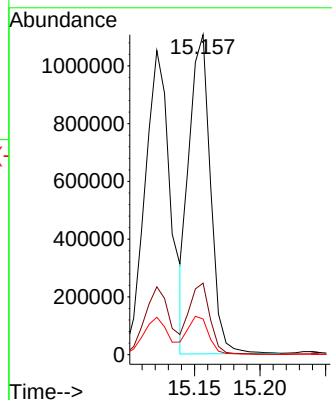
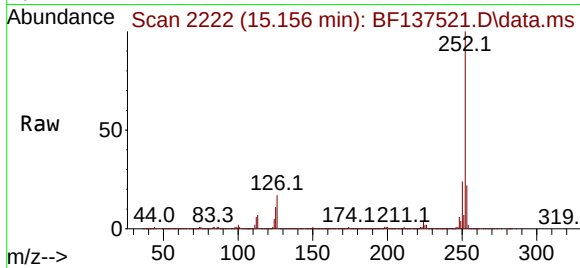




#89
Benzo(k)fluoranthene
Concen: 42.121 ng
RT: 15.156 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

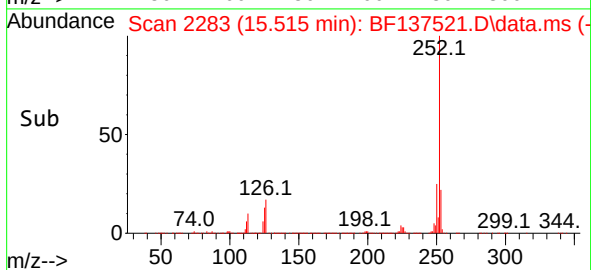
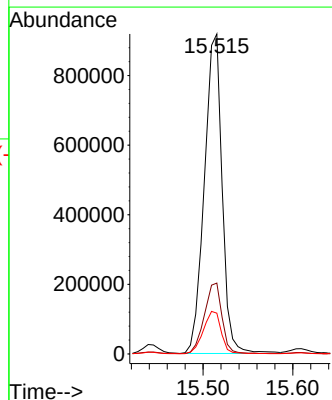
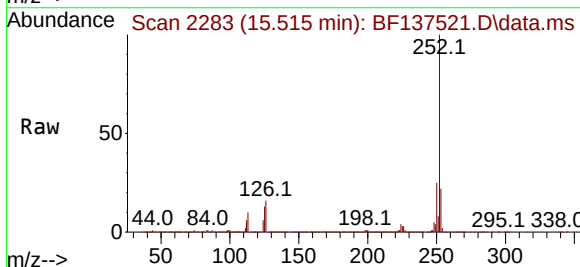
Instrument :
BNA_F
ClientSampleId :
72-12002MS

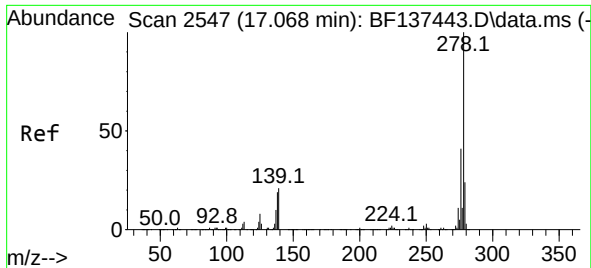
Tgt Ion:252 Resp: 1249183
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.2 9.6 14.4



#90
Benzo(a)pyrene
Concen: 46.426 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF137521.D
Acq: 06 Mar 2024 16:25

Tgt Ion:252 Resp: 1263233
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 12.8 10.4 15.6

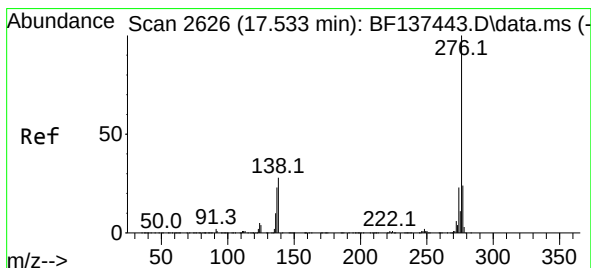
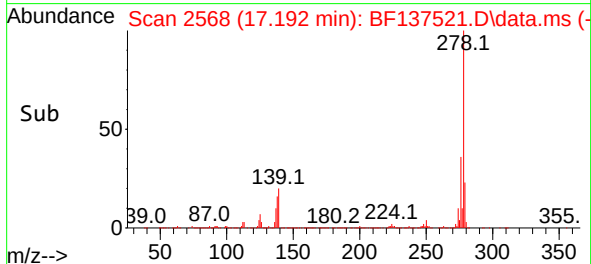
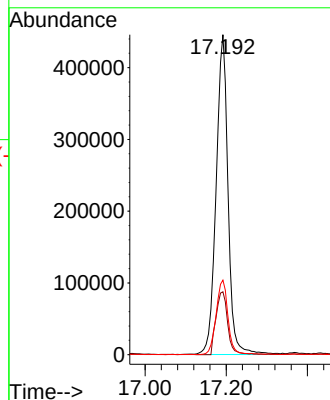
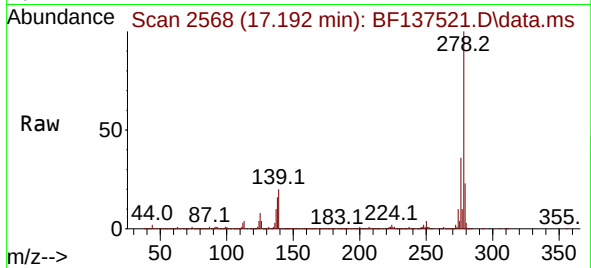




#91
 Dibenzo(a,h)anthracene
 Concen: 36.368 ng
 RT: 17.192 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

Instrument :
 BNA_F
 ClientSampleId :
 72-12002MS

Tgt Ion:278 Resp: 906200
 Ion Ratio Lower Upper
 278 100
 139 19.6 17.0 25.6
 279 23.3 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 31.553 ng
 RT: 17.645 min Scan# 2645
 Delta R.T. 0.006 min
 Lab File: BF137521.D
 Acq: 06 Mar 2024 16:25

Tgt Ion:276 Resp: 807434
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.0 28.4
 138 26.8 22.2 33.2

