

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137533.D
 Acq On : 07 Mar 2024 16:48
 Operator : CG\JU
 Sample : P1688-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MSD

Quant Time: Mar 07 17:30:30 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	6.869	152	222664	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	862226	20.000	ng	0.01
39) Acenaphthene-d10	9.904	164	476086	20.000	ng	0.01
64) Phenanthrene-d10	11.398	188	757881	20.000	ng	0.01
76) Chrysene-d12	14.063	240	377347	20.000	ng	0.01
86) Perylene-d12	15.598	264	467922	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1064882	72.432	ng	0.02
7) Phenol-d6	6.516	99	1469635	69.252	ng	0.01
23) Nitrobenzene-d5	7.434	82	908017	48.932	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	304392	72.806	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1466469	48.217	ng	0.00
79) Terphenyl-d14	12.998	244	1345102	49.017	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	291665	36.283	ng	99
3) Pyridine	3.563	79	675610	34.848	ng	97
4) n-Nitrosodimethylamine	3.546	42	304329	39.484	ng	99
6) Aniline	6.540	93	574714	22.163	ng	93
8) 2-Chlorophenol	6.657	128	643048	41.469	ng	94
9) Benzaldehyde	6.428	77	306800	29.509	ng	98
10) Phenol	6.528	94	890229	38.974	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	646571	38.629	ng	98
12) 1,3-Dichlorobenzene	6.810	146	674501	40.706	ng	99
13) 1,4-Dichlorobenzene	6.887	146	676156	39.883	ng	98
14) 1,2-Dichlorobenzene	7.039	146	648239	41.658	ng	97
15) Benzyl Alcohol	7.016	79	586167	44.368	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1059511	36.825	ng	96
17) 2-Methylphenol	7.128	107	521823	35.963	ng	99
18) Hexachloroethane	7.375	117	236831	42.425	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	481496	36.743	ng	99
20) 3+4-Methylphenols	7.281	107	602561	36.259	ng	97
22) Acetophenone	7.281	105	833725	39.964	ng	98
24) Nitrobenzene	7.451	77	734990	39.428	ng	98
25) Isophorone	7.687	82	1367463	38.788	ng	99
26) 2-Nitrophenol	7.763	139	335218	45.295	ng	100
27) 2,4-Dimethylphenol	7.804	122	453301	32.780	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	820447	39.664	ng	99
29) 2,4-Dichlorophenol	8.004	162	524849	41.354	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	554542	41.520	ng	100
31) Naphthalene	8.169	128	1788834	38.668	ng	100
32) Benzoic acid	7.934	122	252870	33.885	ng	98
33) 4-Chloroaniline	8.222	127	125539	6.921	ng	98
34) Hexachlorobutadiene	8.281	225	323471	41.023	ng	100
35) Caprolactam	8.592	113	112967	26.250	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	574463	40.493	ng	99
37) 2-Methylnaphthalene	8.857	142	1111864	37.701	ng	99
38) 1-Methylnaphthalene	8.957	142	1033247	37.203	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	543434	40.887	ng	99
41) Hexachlorocyclopentadiene	9.010	237	434411	80.081	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	358710	41.444	ng	99

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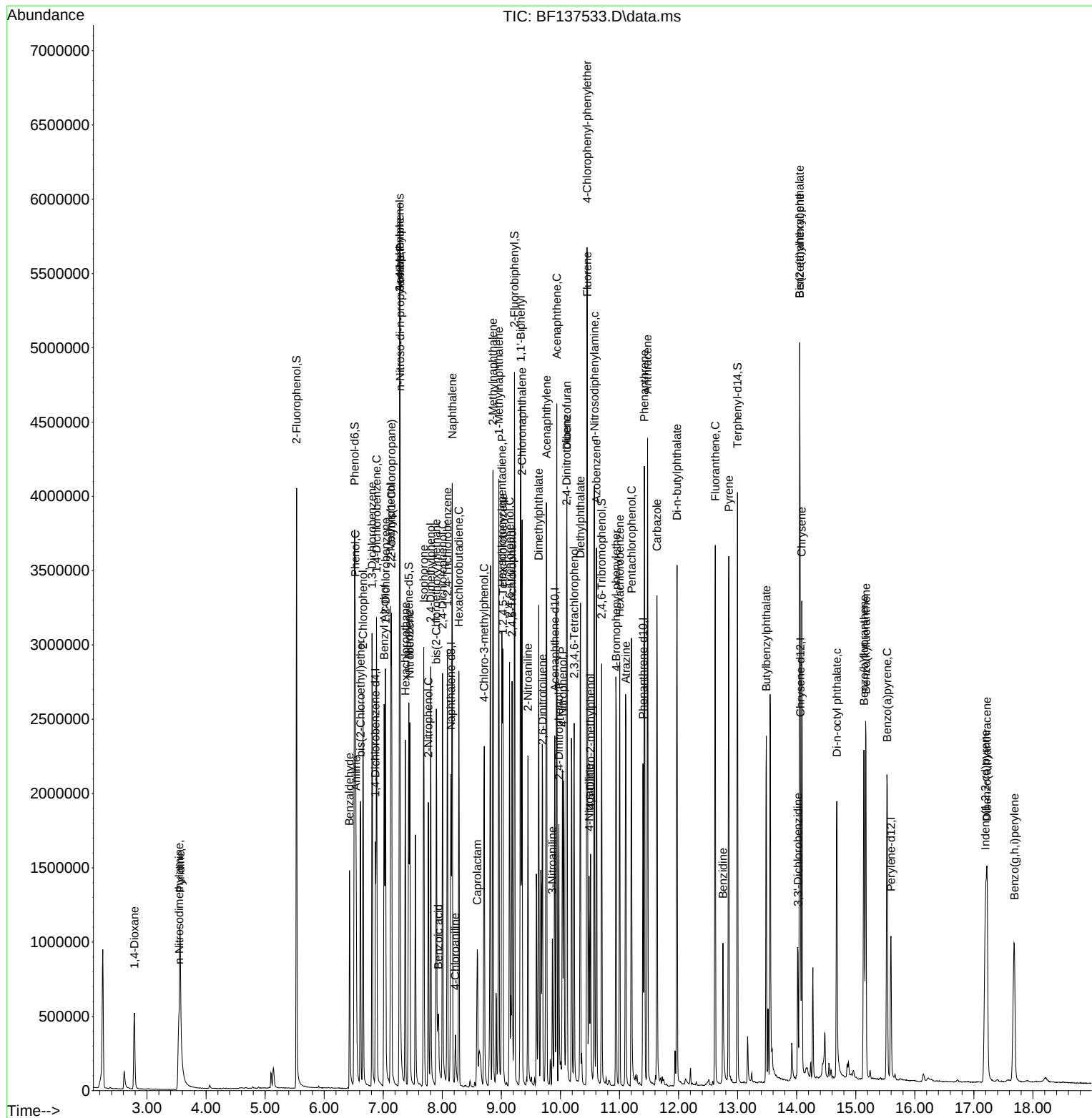
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	391201	39.236	ng	97
46) 1,1'-Biphenyl	9.328	154	1344143	38.575	ng	100
47) 2-Chloronaphthalene	9.351	162	1053206	39.644	ng	100
48) 2-Nitroaniline	9.451	65	377571	41.814	ng	96
49) Acenaphthylene	9.763	152	1686536	39.669	ng	100
50) Dimethylphthalate	9.633	163	1286795	38.828	ng	99
51) 2,6-Dinitrotoluene	9.698	165	285772	41.226	ng	# 85
52) Acenaphthene	9.939	154	946724	37.299	ng	99
53) 3-Nitroaniline	9.863	138	153277	20.905	ng	96
54) 2,4-Dinitrophenol	9.975	184	230584	69.414	ng	98
55) Dibenzofuran	10.110	168	1451600	37.549	ng	100
56) 4-Nitrophenol	10.039	139	387920	74.684	ng	96
57) 2,4-Dinitrotoluene	10.104	165	351242	41.244	ng	98
58) Fluorene	10.457	166	1087733	36.637	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	311788	38.996	ng	95
60) Diethylphthalate	10.339	149	1213045	38.760	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	528424	36.316	ng	96
62) 4-Nitroaniline	10.486	138	237941	37.758	ng	95
63) Azobenzene	10.610	77	1353650	37.563	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	184957	43.787	ng	92
66) n-Nitrosodiphenylamine	10.575	169	1004981	41.180	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	344172	41.694	ng	97
68) Hexachlorobenzene	11.004	284	363401	43.587	ng	95
69) Atrazine	11.110	200	332942	44.877	ng	97
70) Pentachlorophenol	11.204	266	370668	73.544	ng	99
71) Phenanthrene	11.422	178	1599203	38.773	ng	99
72) Anthracene	11.475	178	1645080	38.834	ng	100
73) Carbazole	11.633	167	1436970	39.602	ng	99
74) Di-n-butylphthalate	11.974	149	1790562	41.476	ng	100
75) Fluoranthene	12.621	202	1421609	35.261	ng	98
77) Benzidine	12.751	184	433005	46.890	ng	97
78) Pyrene	12.851	202	1413586	38.178	ng	99
80) Butylbenzylphthalate	13.486	149	501333	53.018	ng	97
81) Benzo(a)anthracene	14.051	228	1061759	40.145	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	216568	30.749	ng	99
83) Chrysene	14.086	228	1107308	41.425	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	651701	54.223	ng	99
85) Di-n-octyl phthalate	14.680	149	1161424	49.890	ng	99
87) Indeno(1,2,3-cd)pyrene	17.198	276	1190957	38.677	ng	98
88) Benzo(b)fluoranthene	15.139	252	1174501	42.432	ng	99
89) Benzo(k)fluoranthene	15.174	252	1069978	35.989	ng	99
90) Benzo(a)pyrene	15.533	252	1089742	39.951	ng	99
91) Dibenzo(a,h)anthracene	17.221	278	948364	37.966	ng	99
92) Benzo(g,h,i)perylene	17.686	276	862830	33.634	ng	98

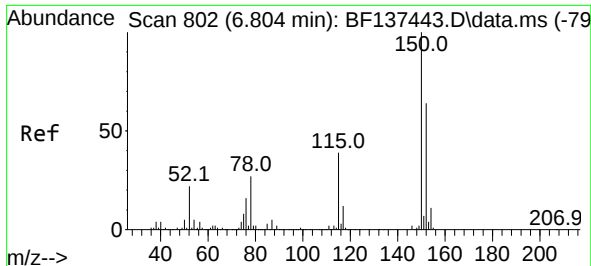
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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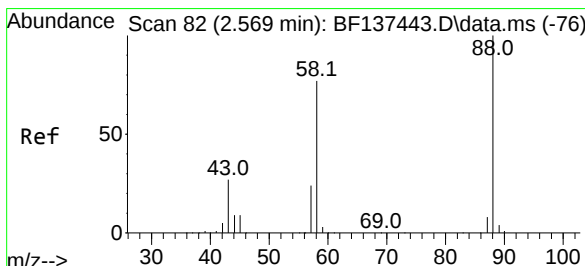
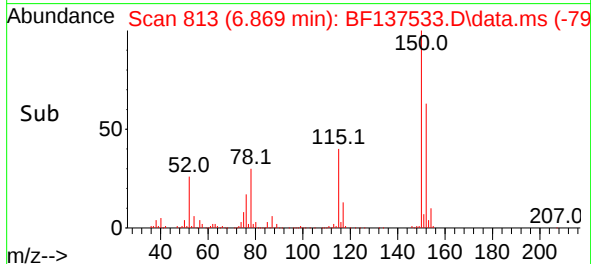
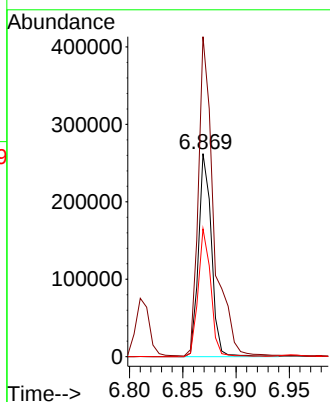
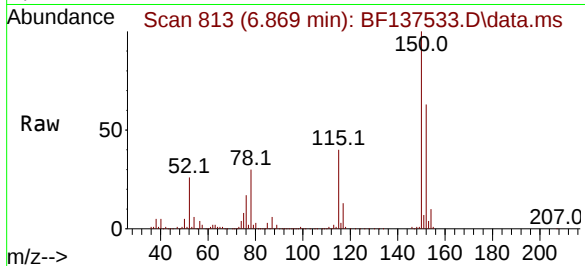




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF137533.D
 Acq: 07 Mar 2024 16:48

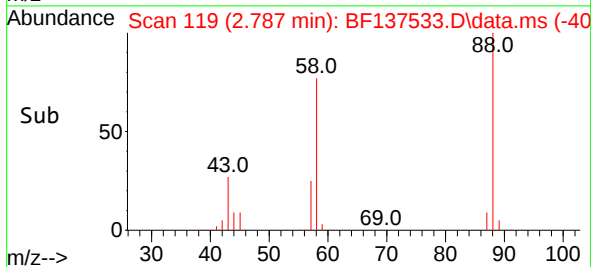
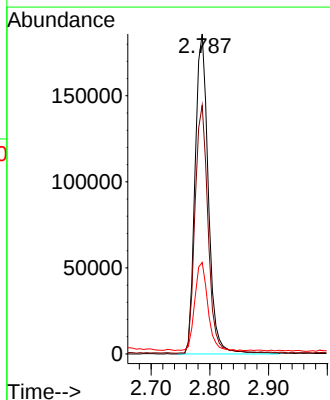
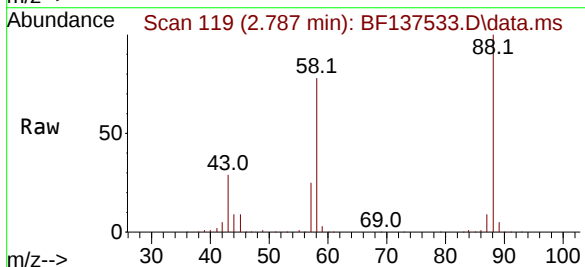
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MSD

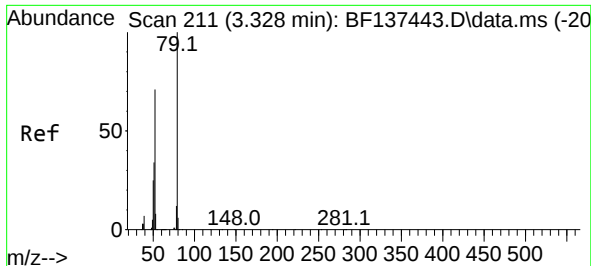
Tgt Ion:152 Resp: 222664
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.8 188.6
 115 63.0 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.283 ng
 RT: 2.787 min Scan# 119
 Delta R.T. 0.112 min
 Lab File: BF137533.D
 Acq: 07 Mar 2024 16:48

Tgt Ion: 88 Resp: 291665
 Ion Ratio Lower Upper
 88 100
 58 76.5 61.8 92.8
 43 26.9 22.2 33.4

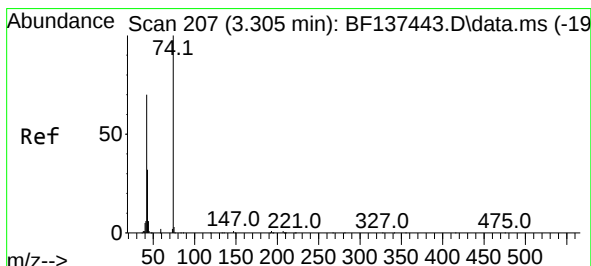
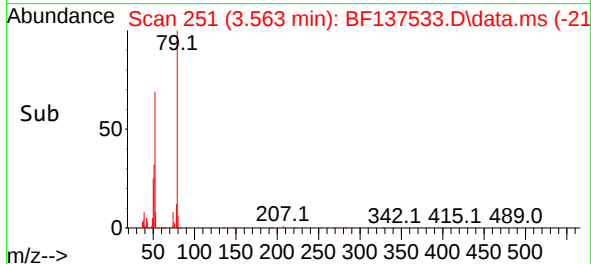
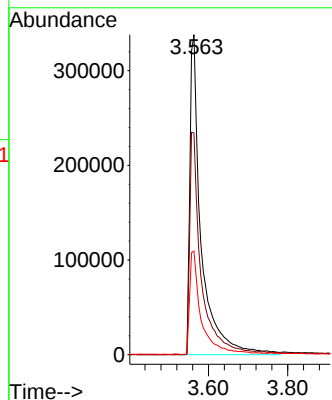
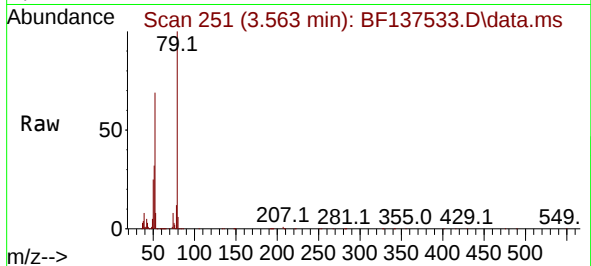




#3
Pyridine
Concen: 34.848 ng
RT: 3.563 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

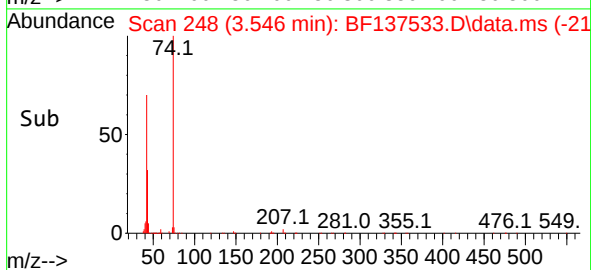
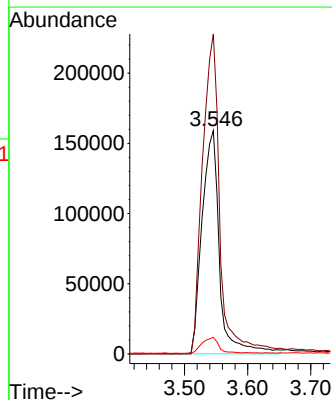
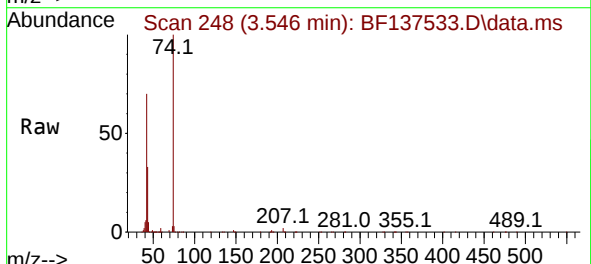
Instrument :
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COMP-2MSD

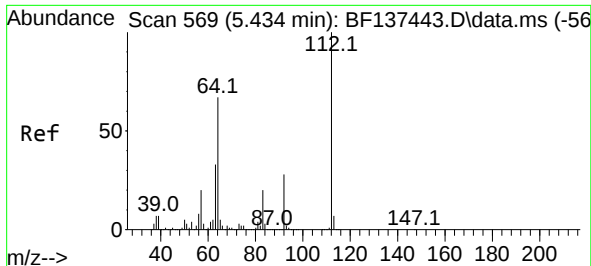
Tgt Ion: 79 Resp: 675610
Ion Ratio Lower Upper
79 100
52 69.3 57.0 85.4
51 32.4 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 39.484 ng
RT: 3.546 min Scan# 248
Delta R.T. 0.100 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion: 42 Resp: 304329
Ion Ratio Lower Upper
42 100
74 143.2 114.0 171.0
44 7.4 7.0 10.4

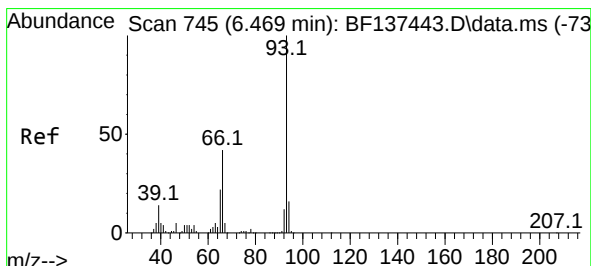
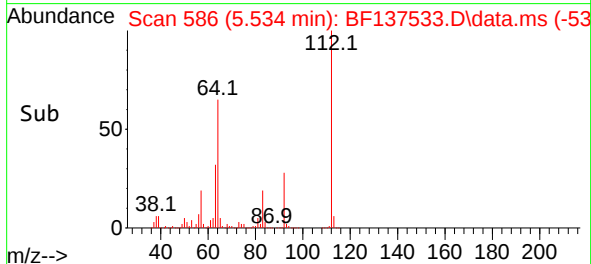
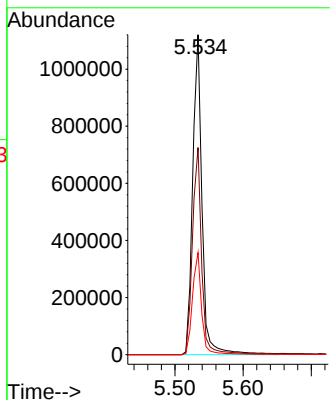
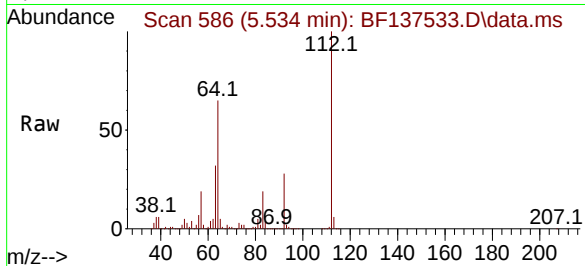




#5
2-Fluorophenol
Concen: 72.432 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

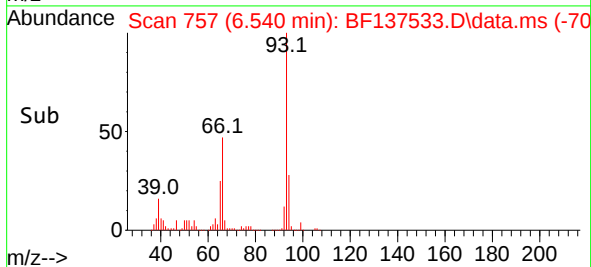
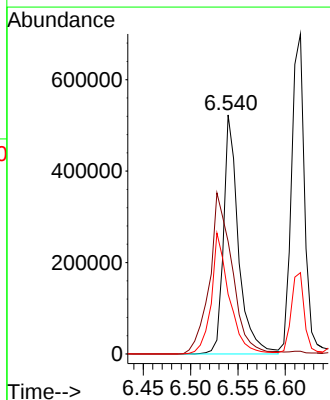
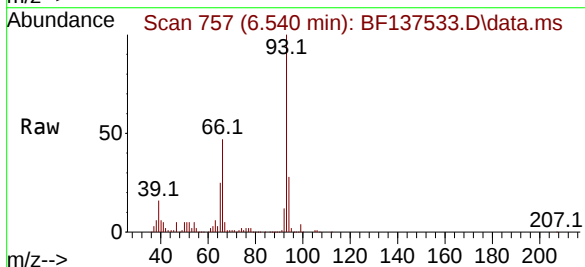
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1064882
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 31.9 26.2 39.2



#6
Aniline
Concen: 22.163 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion: 93 Resp: 574714
Ion Ratio Lower Upper
93 100
66 47.1 34.0 51.0
65 24.9 17.8 26.8





#7

Phenol-d6

Concen: 69.252 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

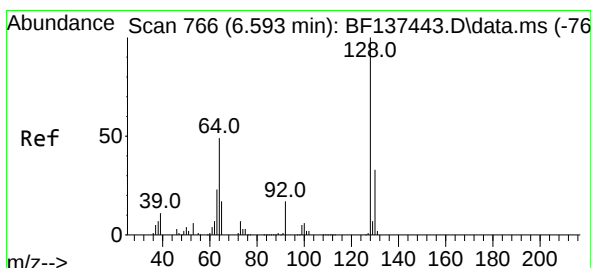
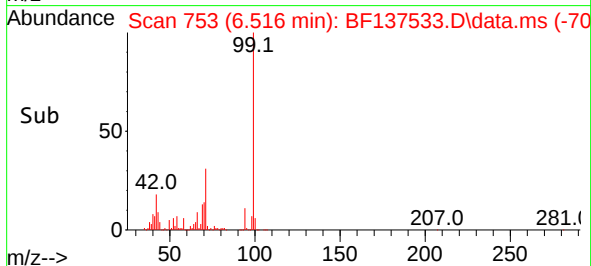
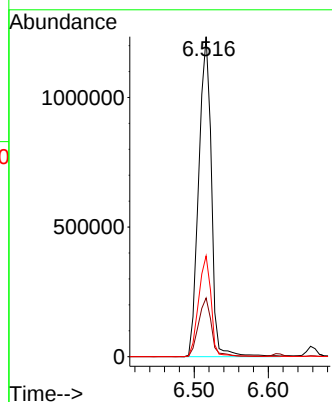
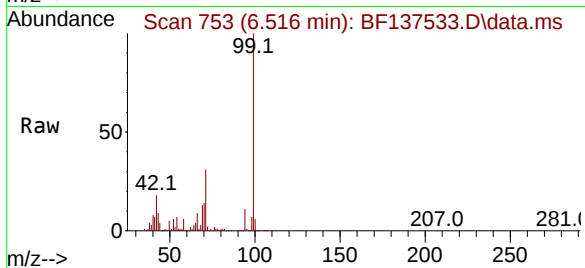
Tgt Ion: 99 Resp: 1469635

Ion Ratio Lower Upper

99 100

42 18.4 14.6 21.8

71 31.5 25.3 37.9



#8

2-Chlorophenol

Concen: 41.469 ng

RT: 6.657 min Scan# 777

Delta R.T. 0.006 min

Lab File: BF137533.D

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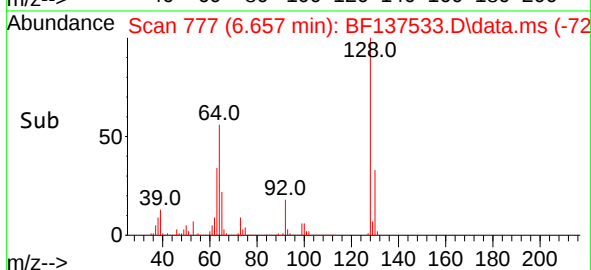
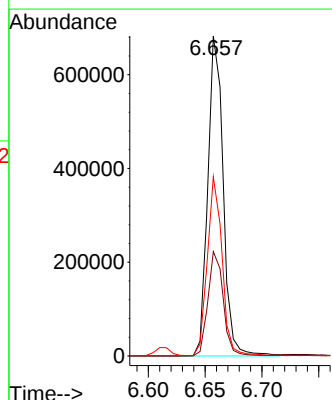
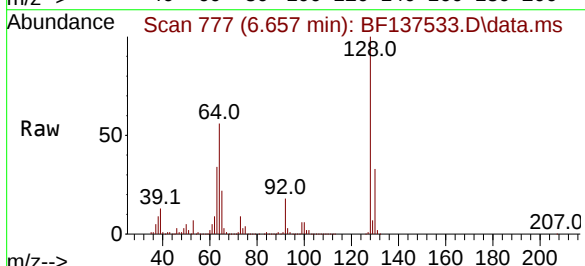
Tgt Ion:128 Resp: 643048

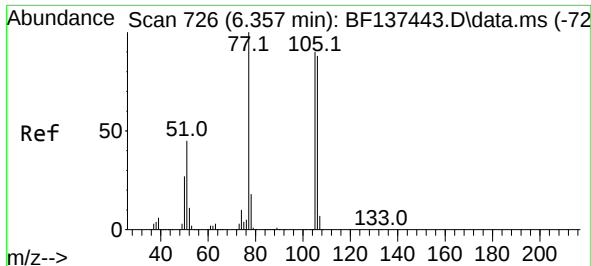
Ion Ratio Lower Upper

128 100

130 32.6 13.4 53.4

64 56.0 30.0 70.0





#9

Benzaldehyde

Concen: 29.509 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.006 min

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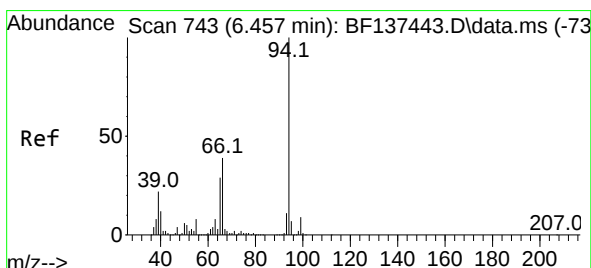
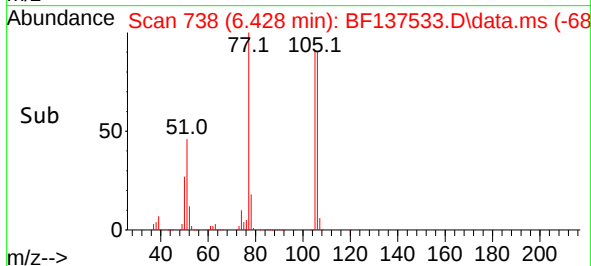
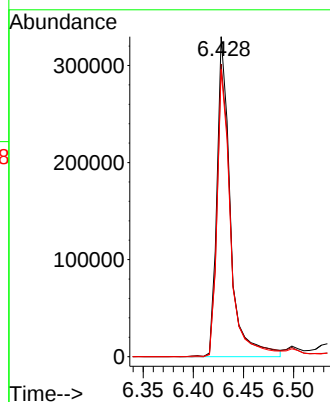
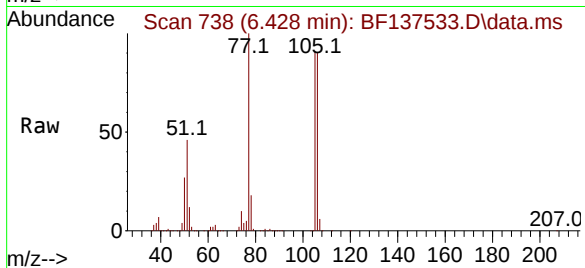
Tgt Ion: 77 Resp: 306800

Ion Ratio Lower Upper

77 100

105 91.5 69.8 109.8

106 89.7 67.8 107.8



#10

Phenol

Concen: 38.974 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF137533.D

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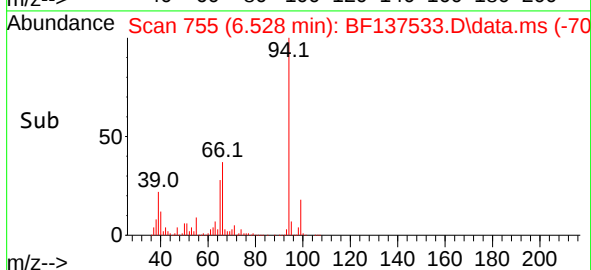
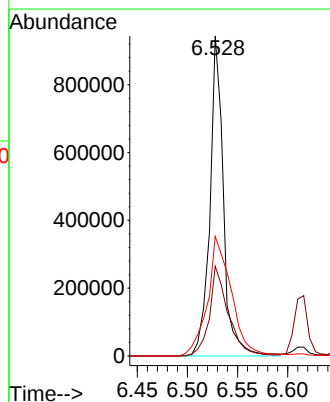
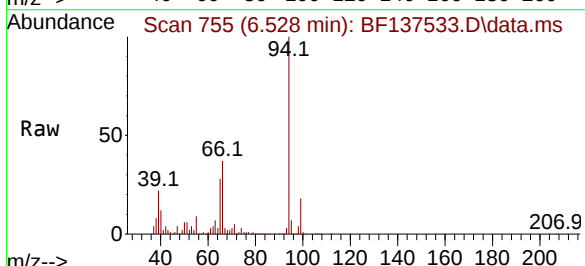
Tgt Ion: 94 Resp: 890229

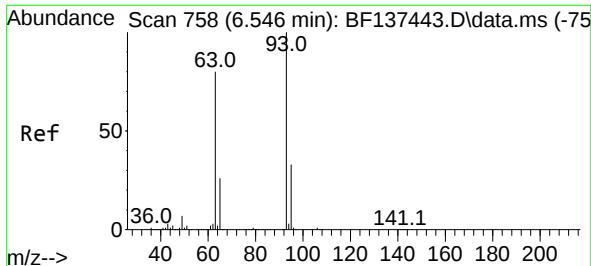
Ion Ratio Lower Upper

94 100

65 28.0 8.7 48.7

66 37.4 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 38.629 ng

RT: 6.616 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

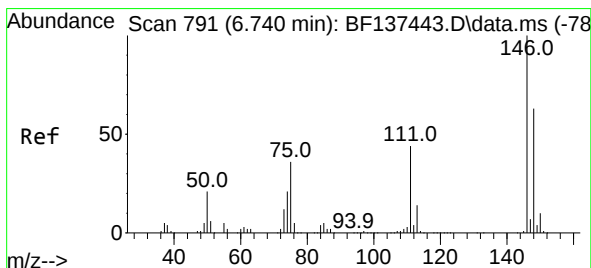
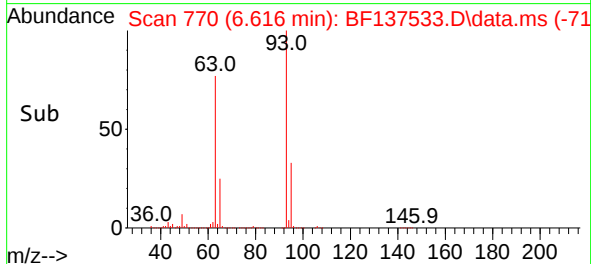
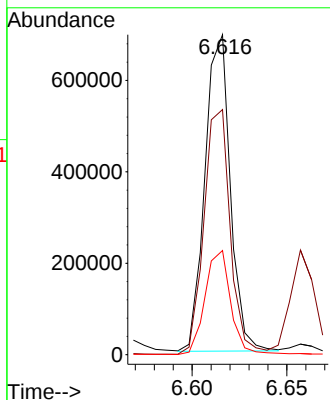
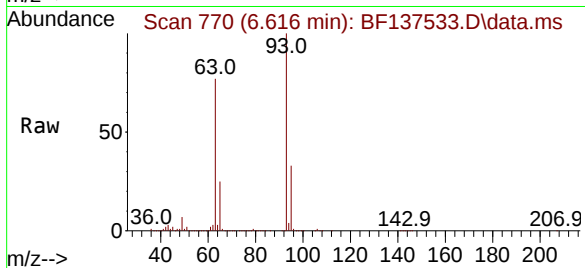
Tgt Ion: 93 Resp: 646571

Ion Ratio Lower Upper

93 100

63 76.6 58.9 98.9

95 32.6 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 40.706 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

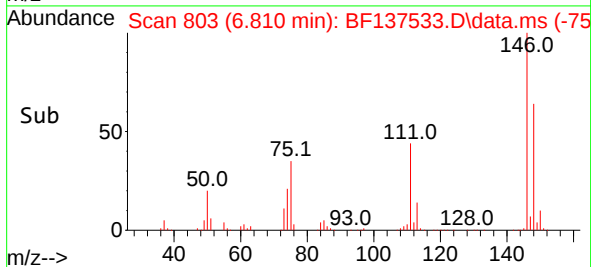
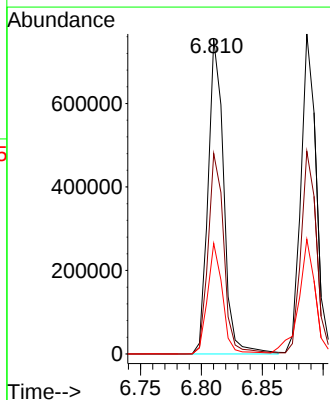
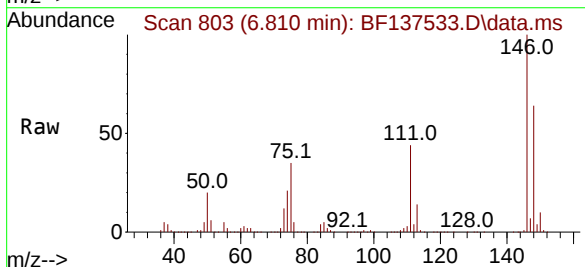
Tgt Ion: 146 Resp: 674501

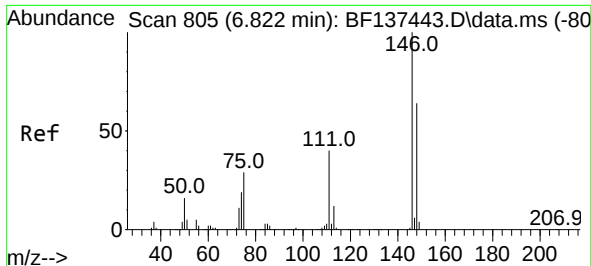
Ion Ratio Lower Upper

146 100

148 63.7 50.3 75.5

75 35.1 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 39.883 ng

RT: 6.887 min Scan# 816

Delta R.T. 0.006 min

Lab File: BF137533.D

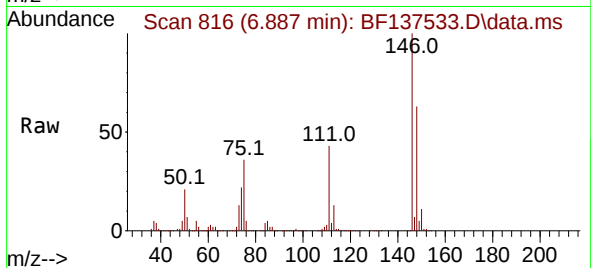
Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD



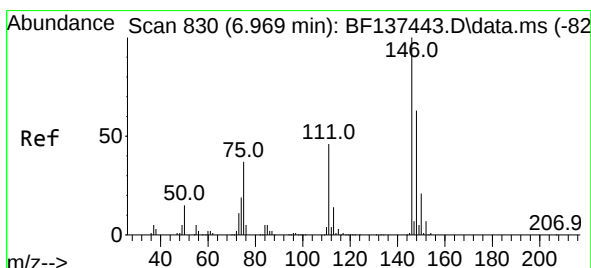
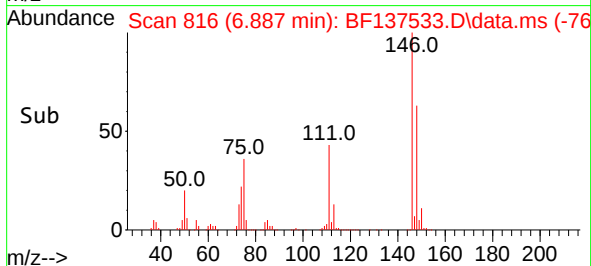
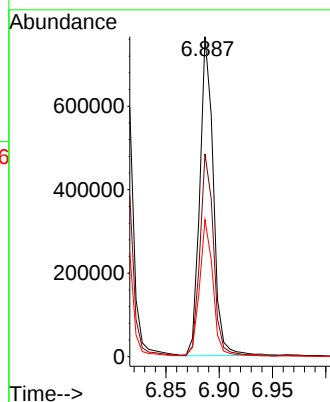
Tgt Ion:146 Resp: 676156

Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

111 42.8 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 41.658 ng

RT: 7.039 min Scan# 842

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

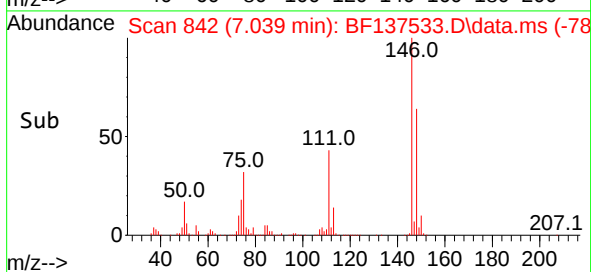
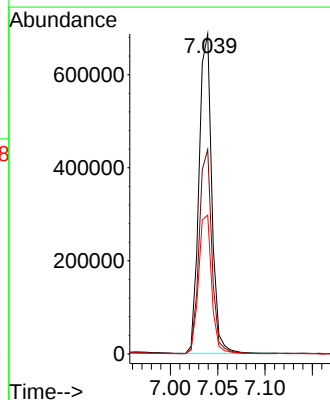
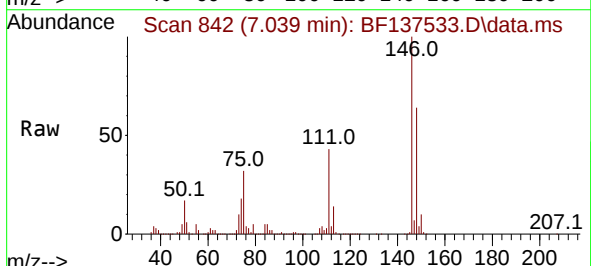
Tgt Ion:146 Resp: 648239

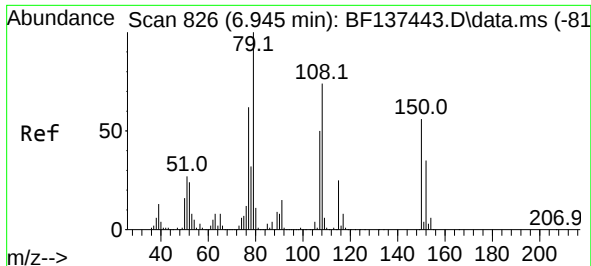
Ion Ratio Lower Upper

146 100

148 63.9 50.0 75.0

111 43.4 36.8 55.2

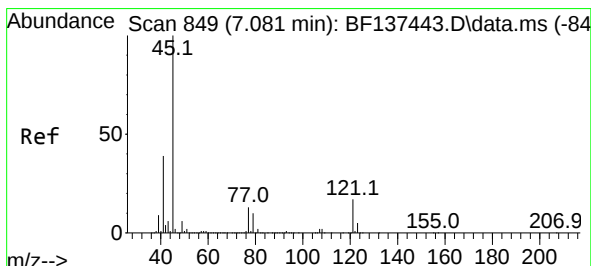
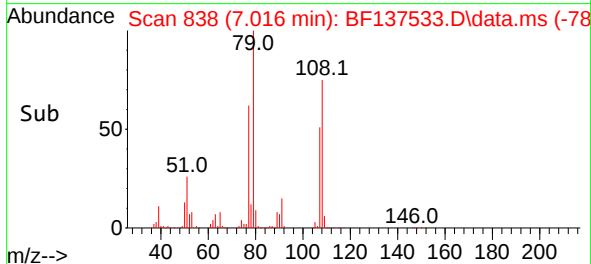
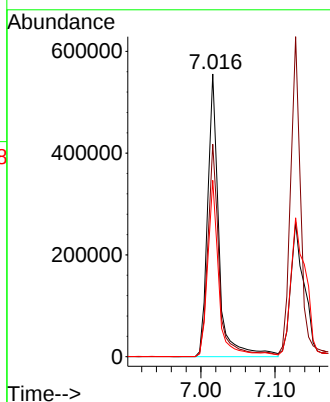
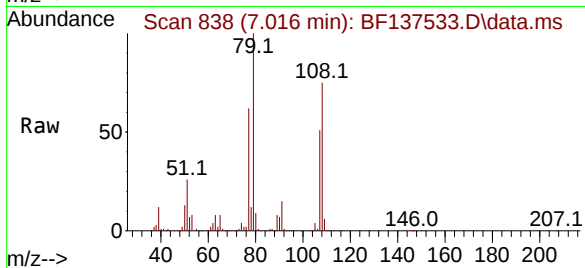




#15
Benzyl Alcohol
Concen: 44.368 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

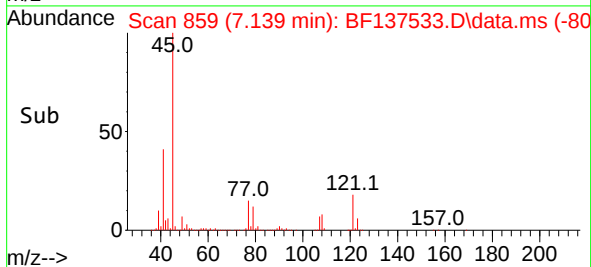
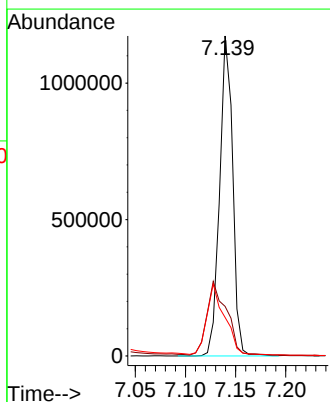
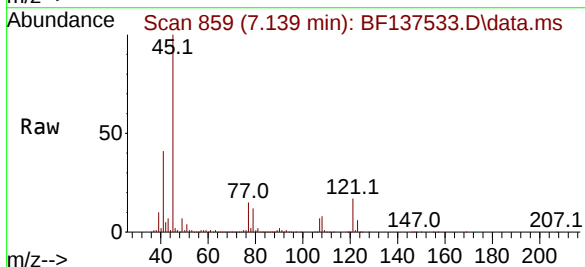
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

Tgt Ion: 79 Resp: 586167
Ion Ratio Lower Upper
79 100
108 75.2 59.5 89.3
77 62.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.825 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

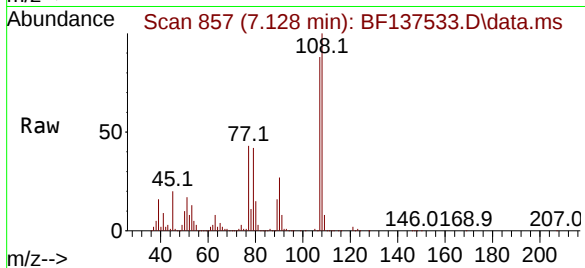
Tgt Ion: 45 Resp: 1059511
Ion Ratio Lower Upper
45 100
77 15.5 0.0 33.4
79 12.1 0.0 30.9



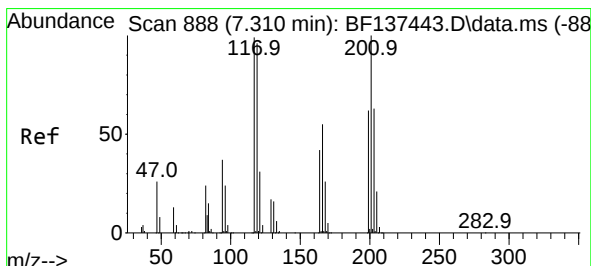
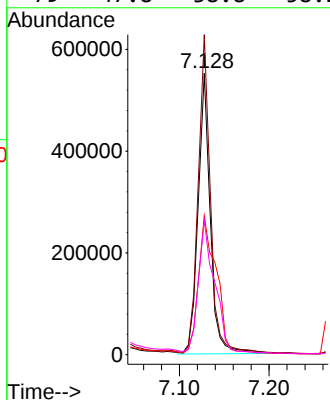
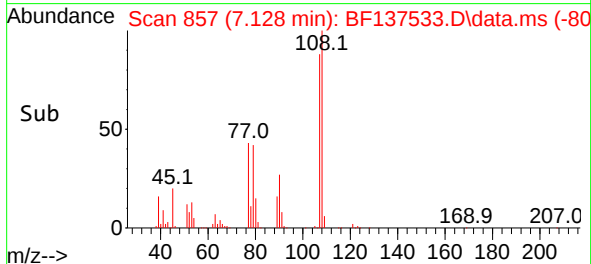


#17
2-Methylphenol
Concen: 35.963 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

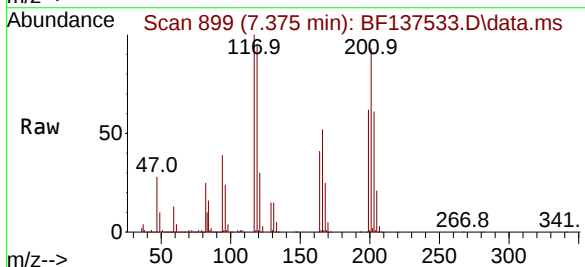
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD



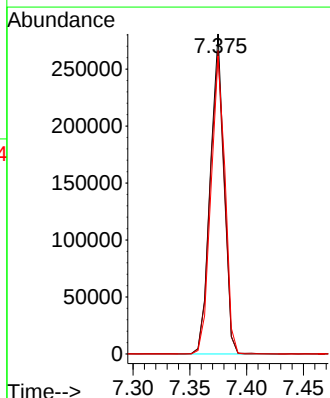
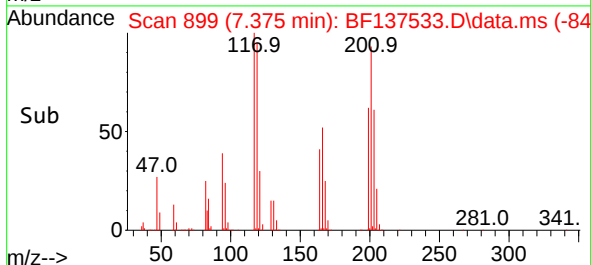
Tgt Ion:107 Resp: 521823
Ion Ratio Lower Upper
107 100
108 113.7 92.2 138.4
77 49.4 38.6 57.8
79 47.8 38.8 58.2

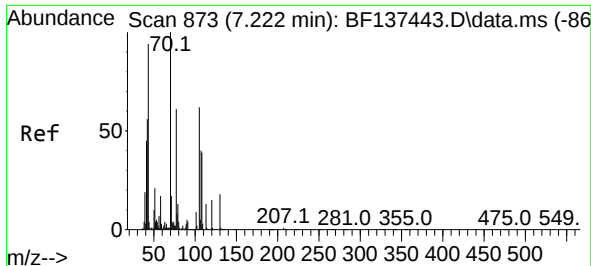


#18
Hexachloroethane
Concen: 42.425 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48



Tgt Ion:117 Resp: 236831
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
201 93.1 80.6 121.0



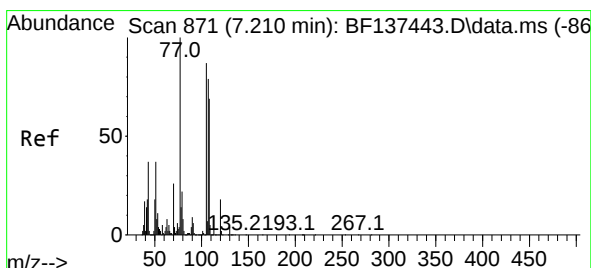
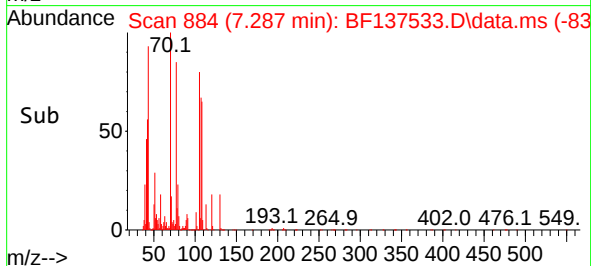
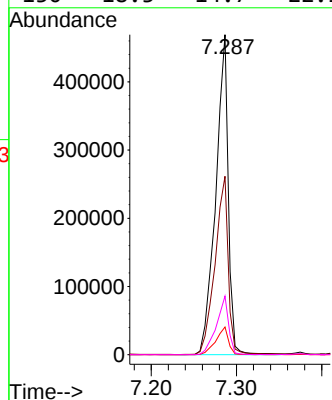
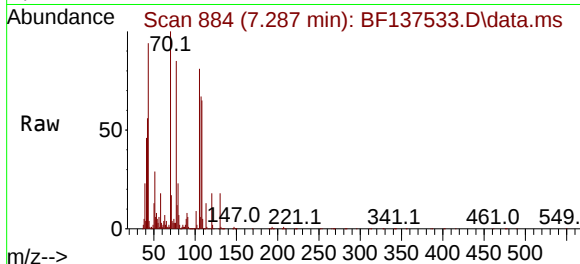


#19
n-Nitroso-di-n-propylamine
Concen: 36.743 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

Tgt Ion: 70 Resp: 481496

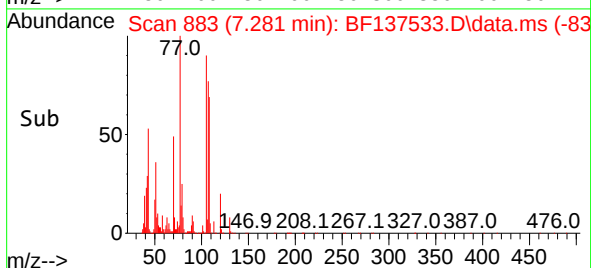
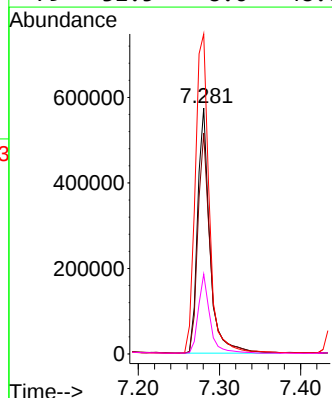
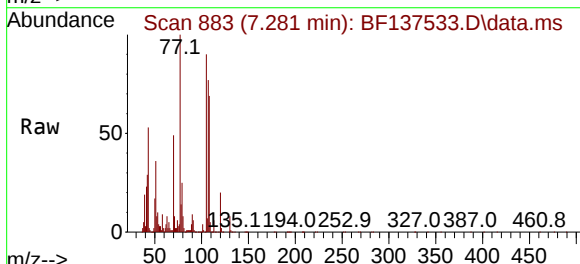
Ion	Ratio	Lower	Upper
70	100		
42	55.7	45.2	67.8
101	8.7	7.3	10.9
130	18.3	14.7	22.1

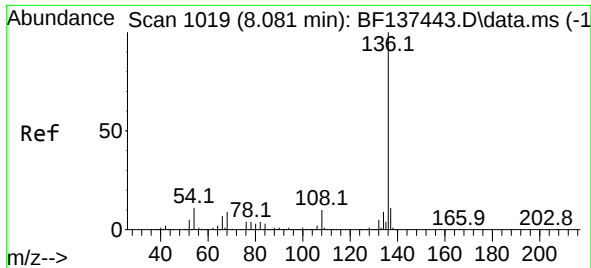


#20
3+4-Methylphenols
Concen: 36.259 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion: 107 Resp: 602561

Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.6	107.6
77	130.1	107.1	147.1
79	32.5	8.6	48.6

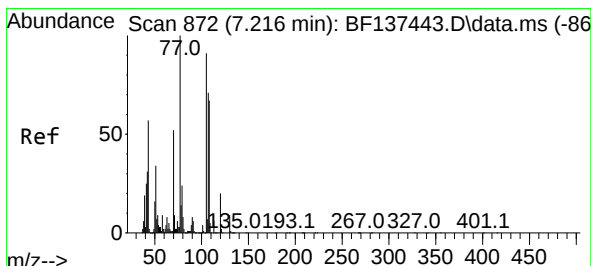
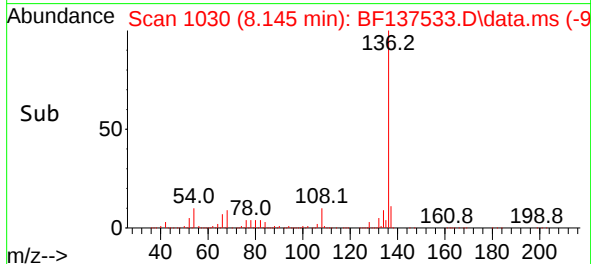
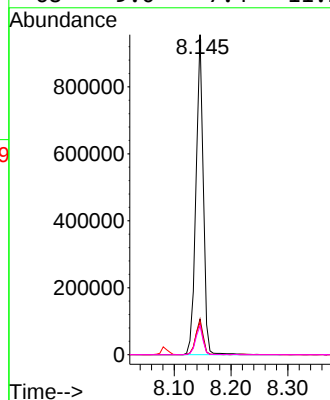
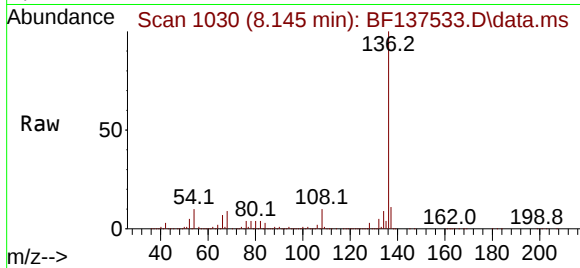




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

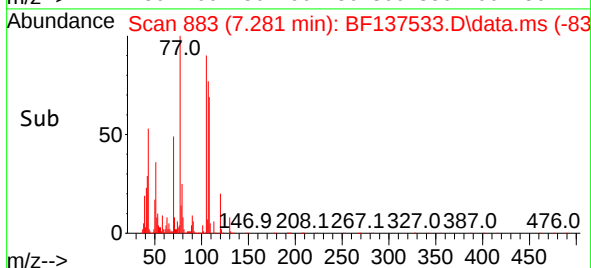
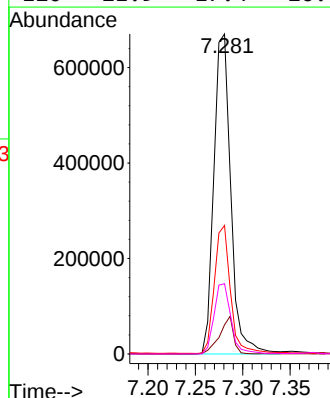
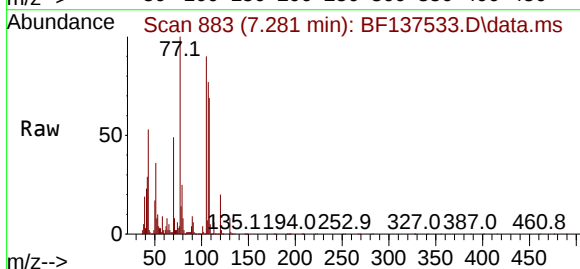
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

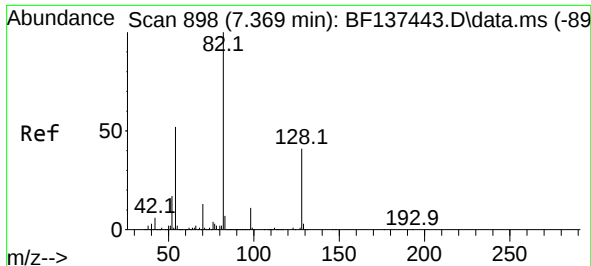
Tgt Ion:136 Resp: 862226
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.0 8.5 12.7
68 9.0 7.4 11.2



#22
Acetophenone
Concen: 39.964 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:105 Resp: 833725
Ion Ratio Lower Upper
105 100
71 9.1 7.7 11.5
51 40.1 30.4 45.6
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 48.932 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

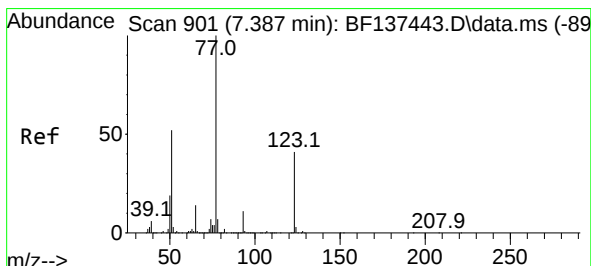
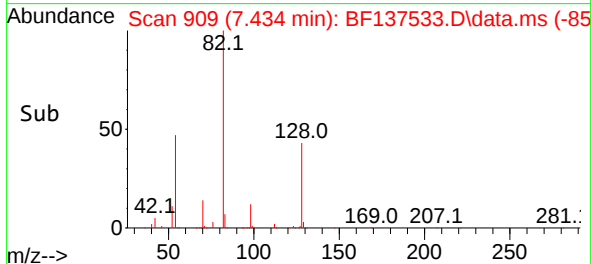
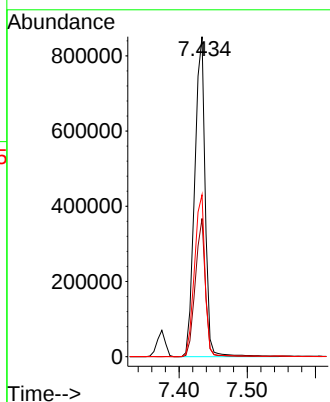
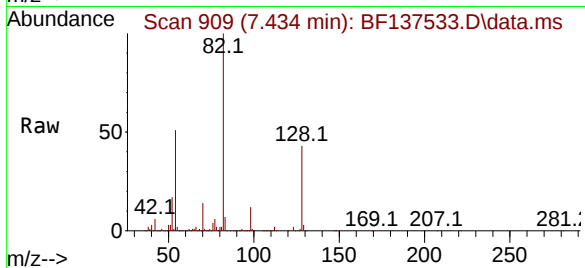
Tgt Ion: 82 Resp: 908017

Ion Ratio Lower Upper

82 100

128 43.2 32.5 48.7

54 50.6 41.5 62.3



#24

Nitrobenzene

Concen: 39.428 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

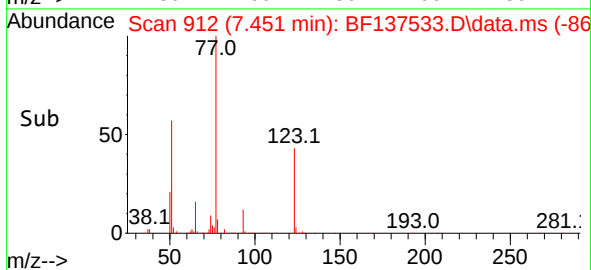
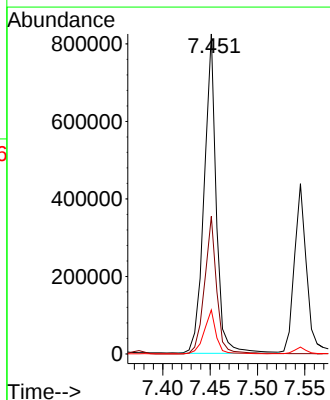
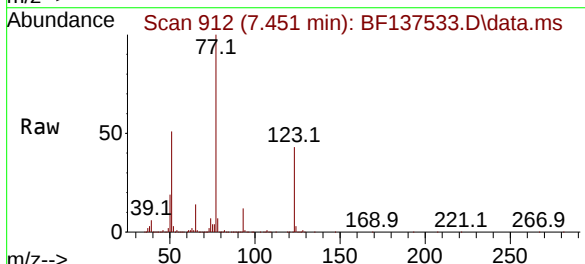
Tgt Ion: 77 Resp: 734990

Ion Ratio Lower Upper

77 100

123 43.0 33.0 49.6

65 13.7 10.9 16.3

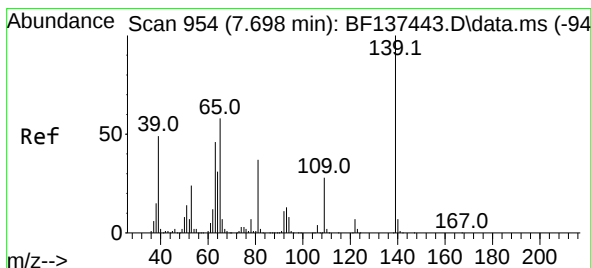
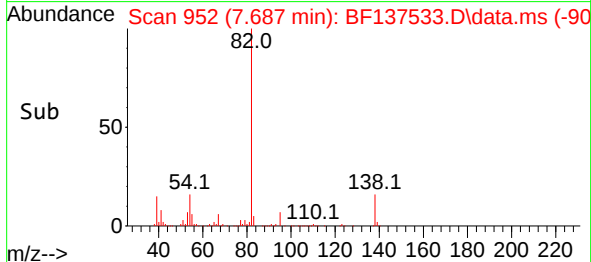
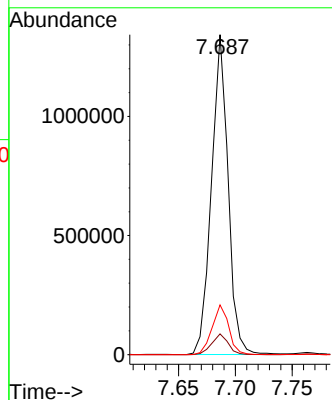
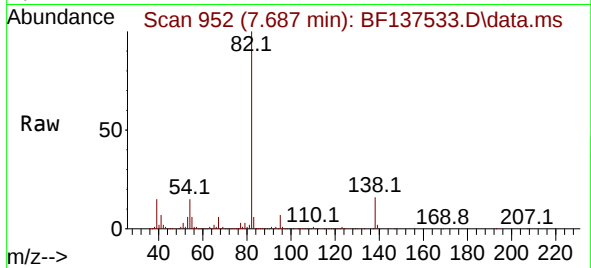




#25
Isophorone
Concen: 38.788 ng
RT: 7.687 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

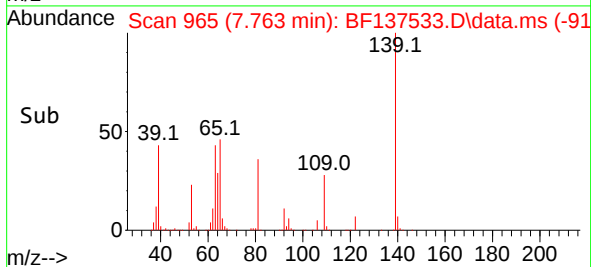
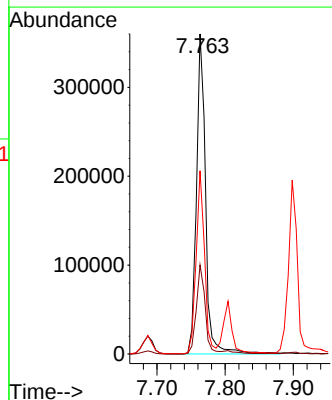
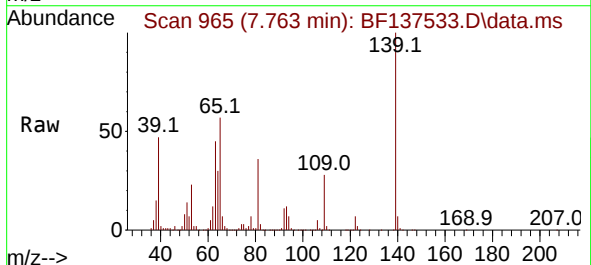
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

Tgt Ion: 82 Resp: 1367463
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.6 11.8 17.8



#26
2-Nitrophenol
Concen: 45.295 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:139 Resp: 335218
Ion Ratio Lower Upper
139 100
109 27.8 22.2 33.4
65 57.3 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 32.780 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

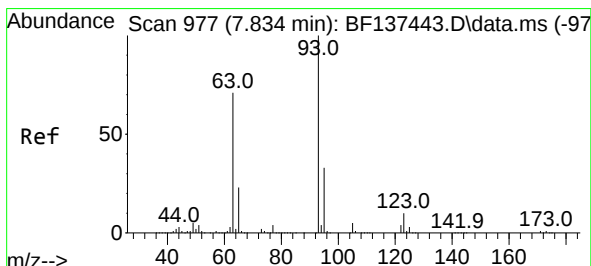
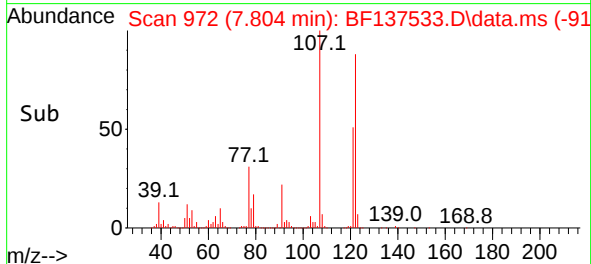
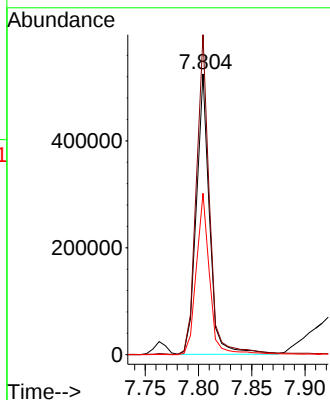
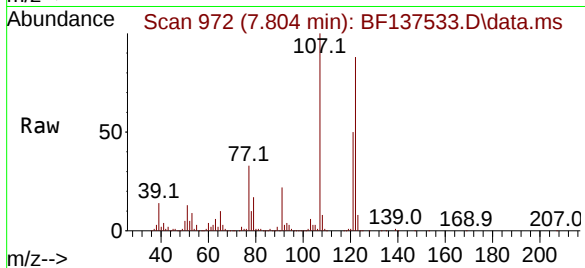
Tgt Ion:122 Resp: 453301

Ion Ratio Lower Upper

122 100

107 113.9 90.9 136.3

121 57.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.664 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

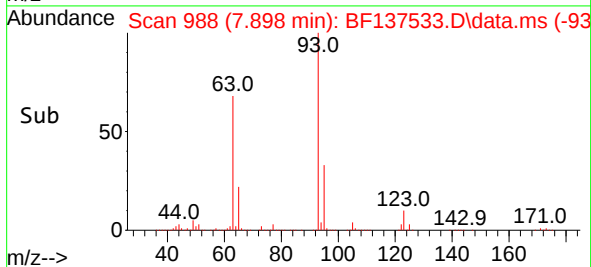
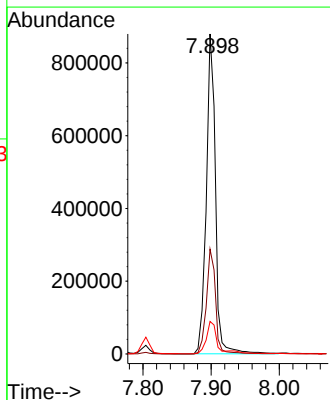
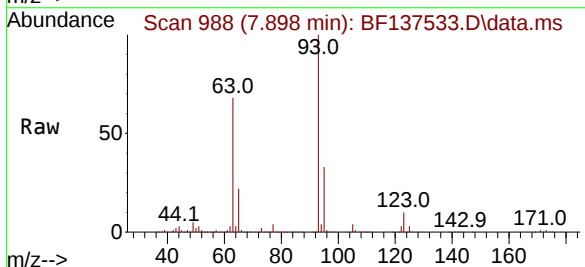
Tgt Ion: 93 Resp: 820447

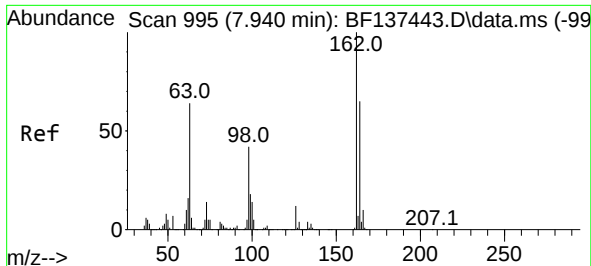
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 10.2 8.0 12.0

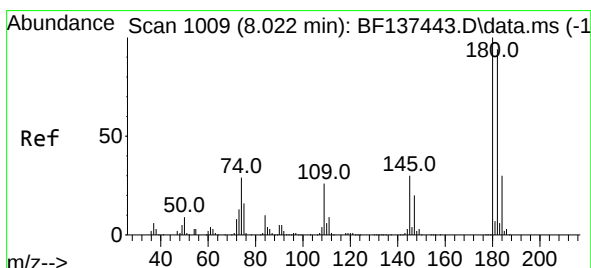
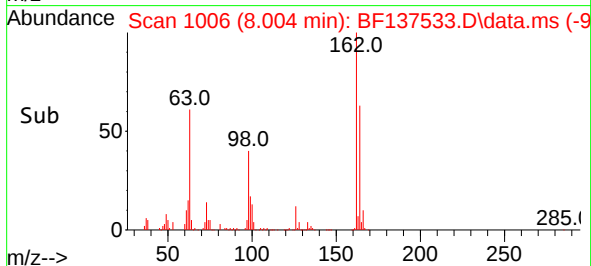
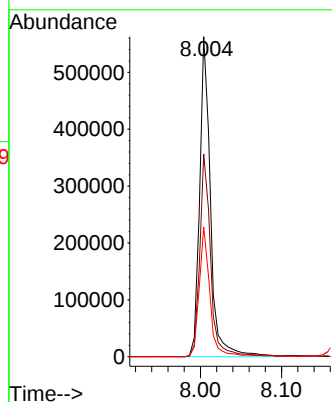
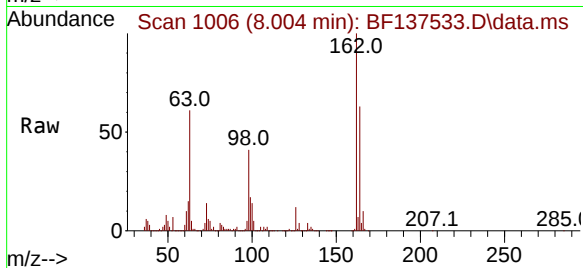




#29
2,4-Dichlorophenol
Concen: 41.354 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

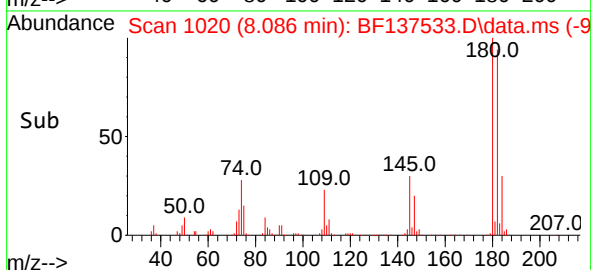
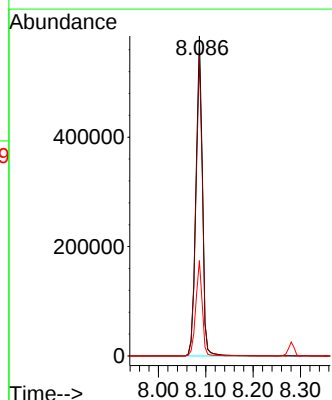
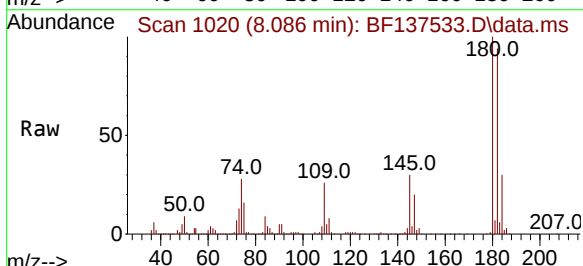
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

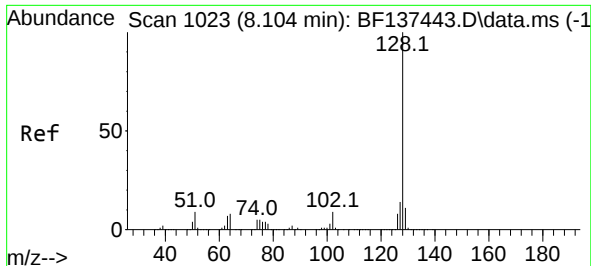
Tgt Ion:162 Resp: 524849
Ion Ratio Lower Upper
162 100
164 63.4 44.7 84.7
98 40.5 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 41.520 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:180 Resp: 554542
Ion Ratio Lower Upper
180 100
182 93.7 75.0 112.6
145 29.8 23.7 35.5

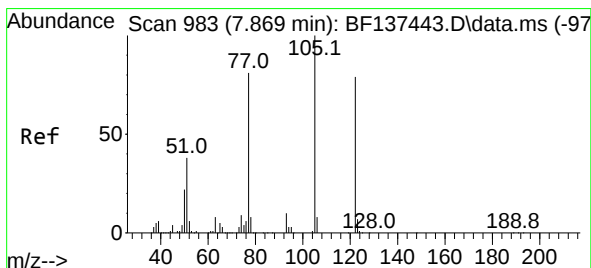
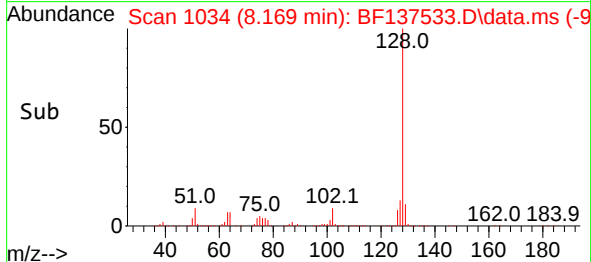
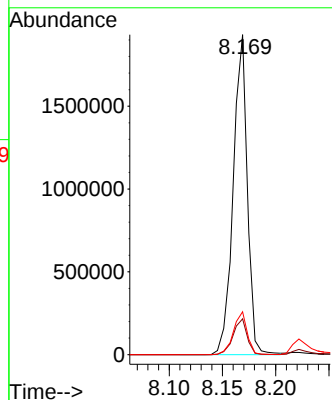
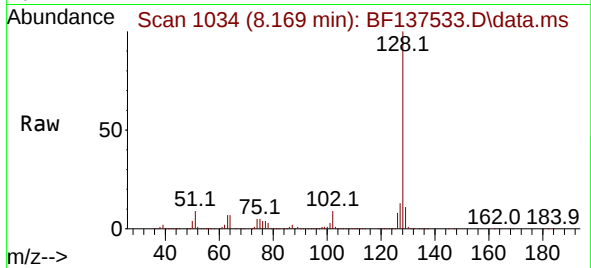




#31
Naphthalene
Concen: 38.668 ng
RT: 8.169 min Scan# 1023
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

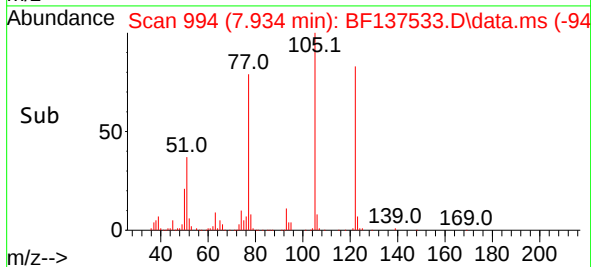
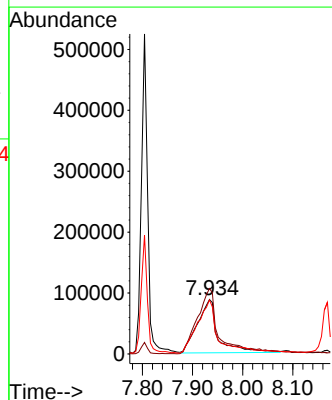
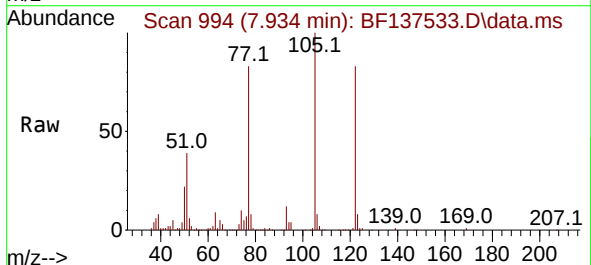
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

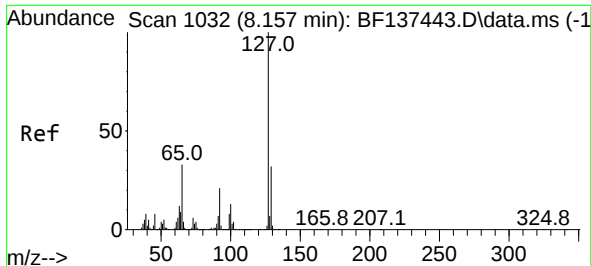
Tgt Ion:128 Resp: 1788834
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 33.885 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:122 Resp: 252870
Ion Ratio Lower Upper
122 100
105 120.4 102.4 142.4
77 99.6 81.1 121.1

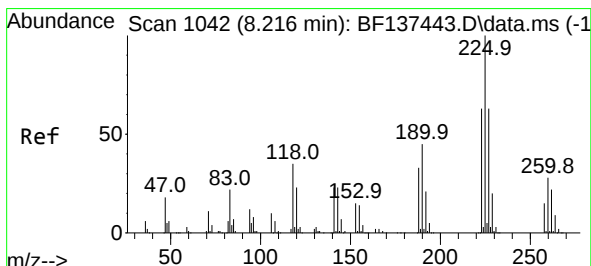
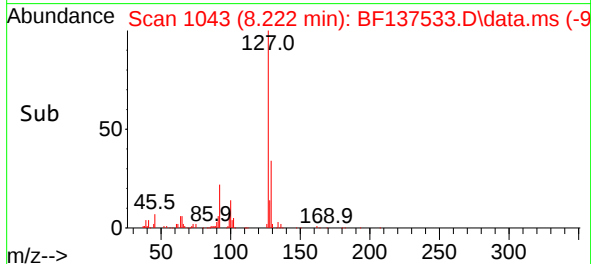
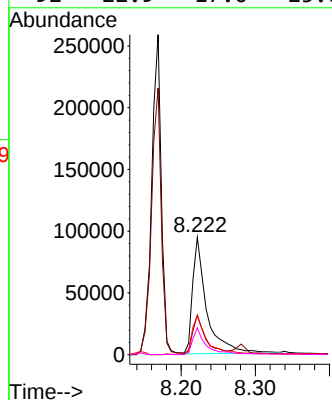
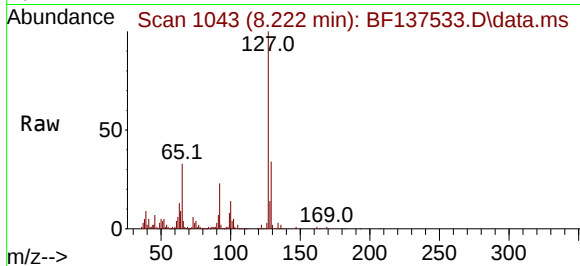




#33
4-Chloroaniline
Concen: 6.921 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

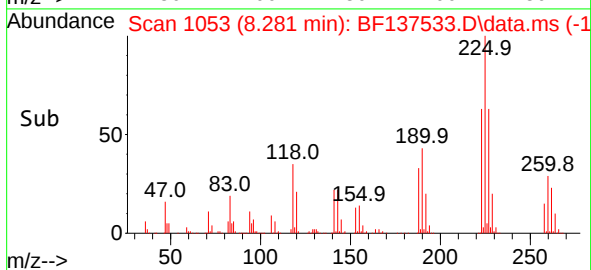
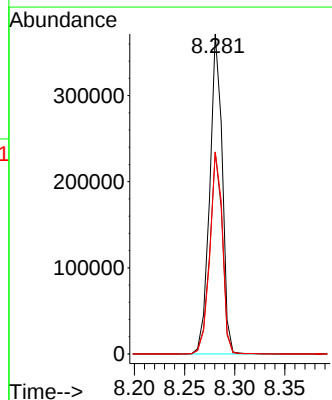
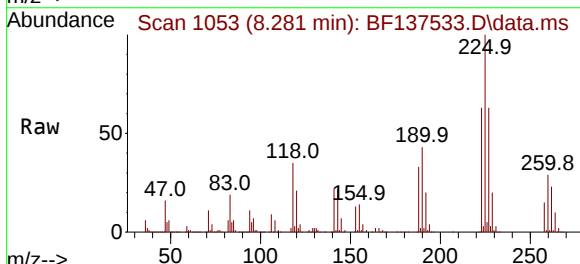
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

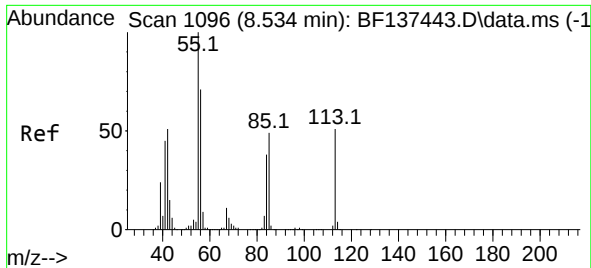
Tgt Ion:	127	Resp:	125539
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.0	39.0
65	33.0	26.8	40.2
92	22.9	17.0	25.6



#34
Hexachlorobutadiene
Concen: 41.023 ng
RT: 8.281 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:	225	Resp:	323471
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	63.2	50.6	75.8

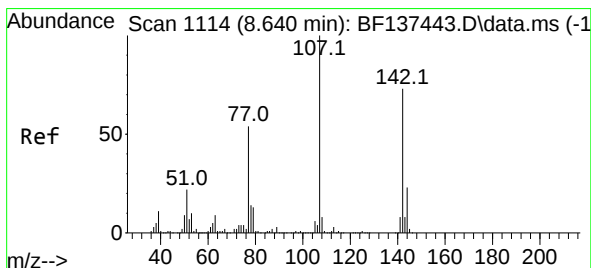
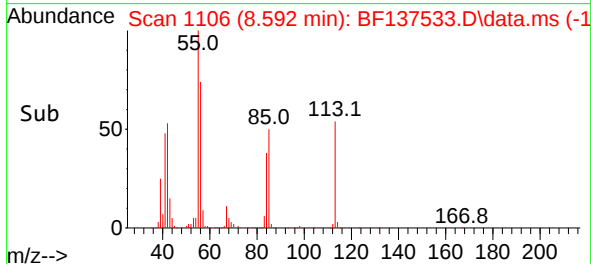
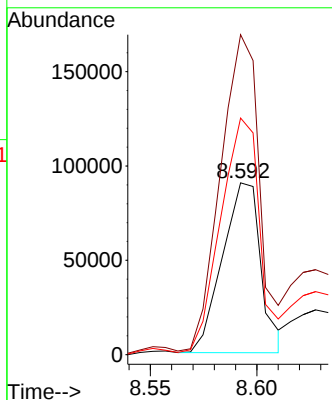
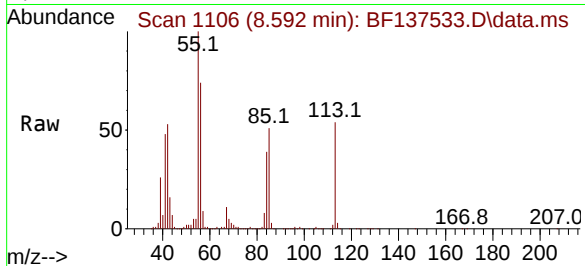




#35
Caprolactam
Concen: 26.250 ng
RT: 8.592 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

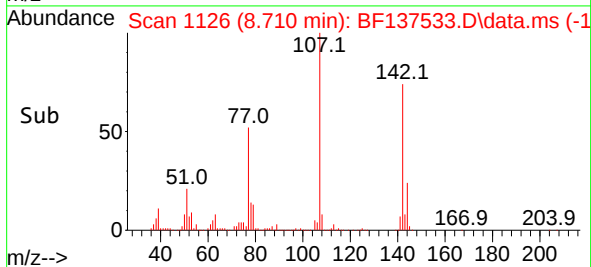
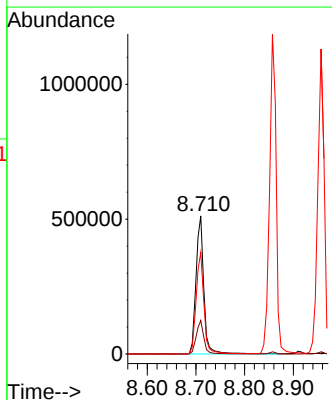
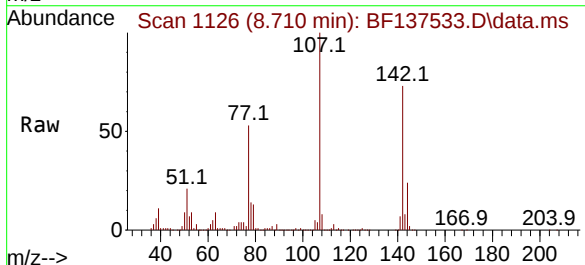
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

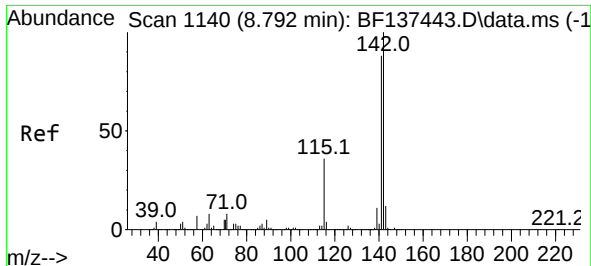
Tgt Ion:113 Resp: 112967
Ion Ratio Lower Upper
113 100
55 186.1 176.7 216.7
56 137.7 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 40.493 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.018 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:107 Resp: 574463
Ion Ratio Lower Upper
107 100
144 24.2 18.7 28.1
142 73.5 58.2 87.2





#37

2-Methylnaphthalene

Concen: 37.701 ng

RT: 8.857 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

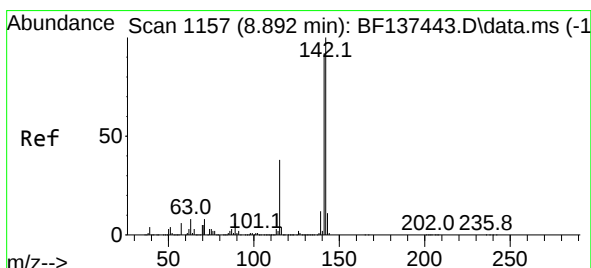
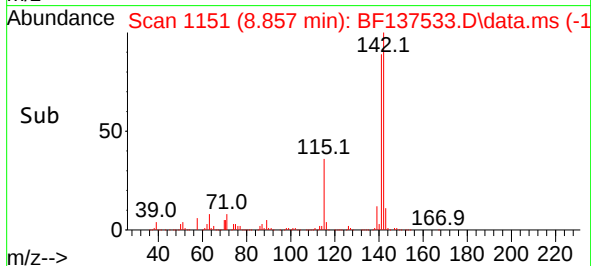
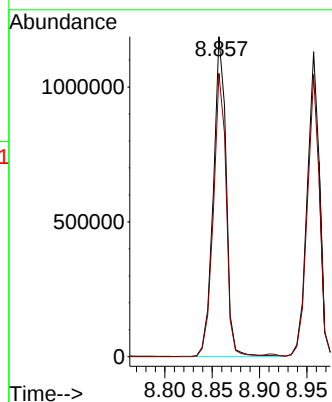
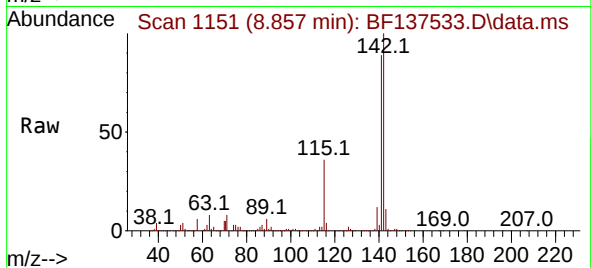
COMP-2MSD

Tgt Ion:142 Resp: 1111864

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 37.203 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.012 min

Lab File: BF137533.D

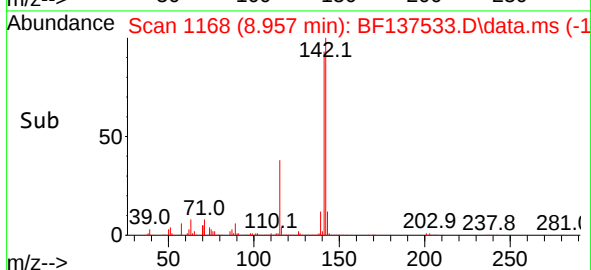
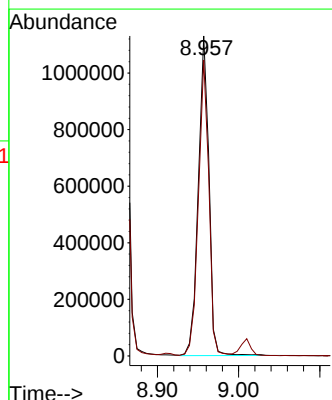
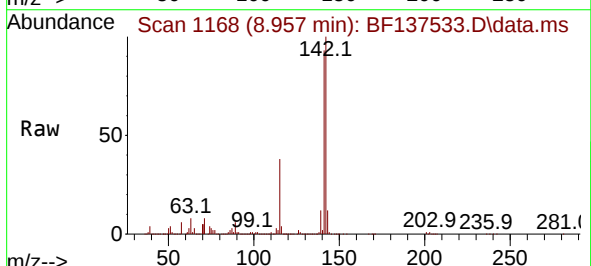
Acq: 07 Mar 2024 16:48

Tgt Ion:142 Resp: 1033247

Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.2

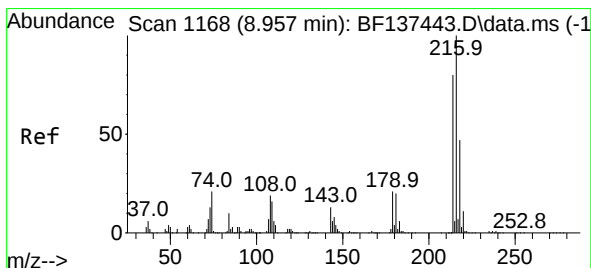
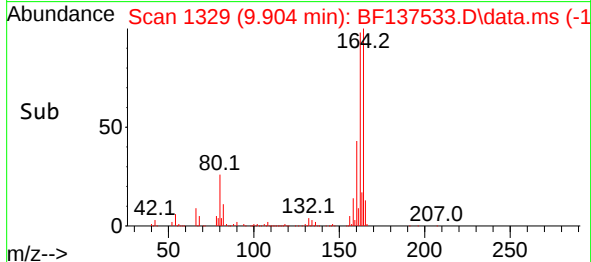
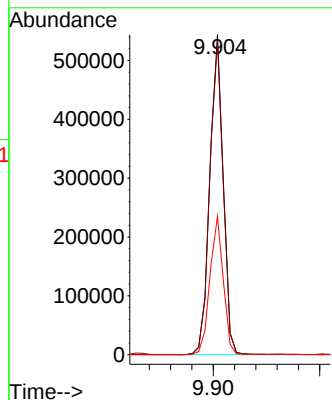
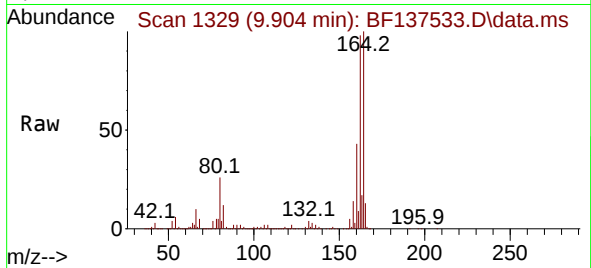




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

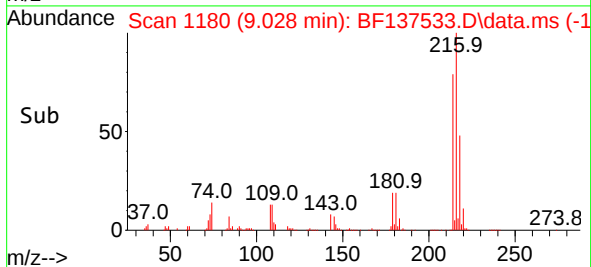
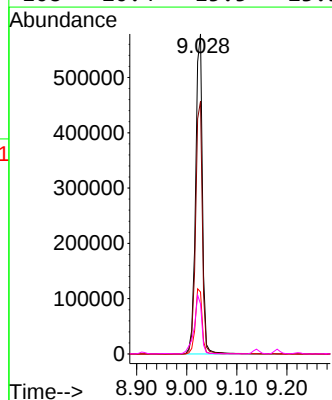
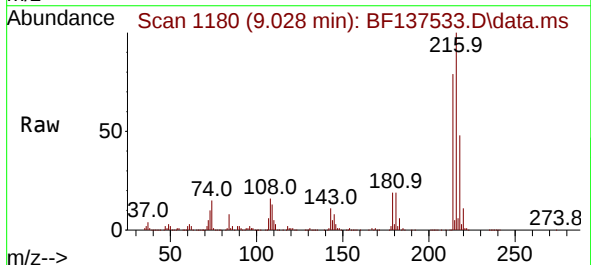
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

Tgt Ion:164 Resp: 476086
Ion Ratio Lower Upper
164 100
162 98.0 79.8 119.8
160 43.2 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.887 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:216 Resp: 543434
Ion Ratio Lower Upper
216 100
214 79.2 63.5 95.3
179 20.4 16.6 25.0
108 20.4 15.5 23.3

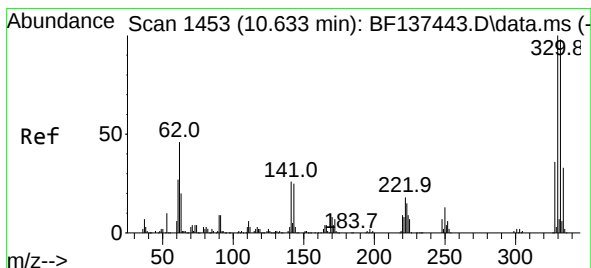
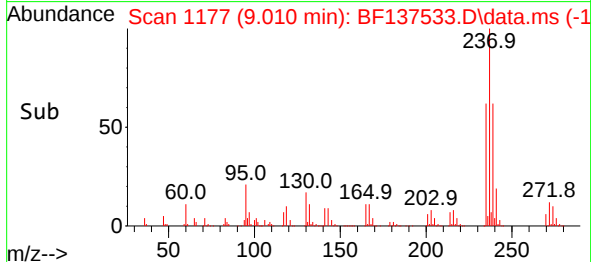
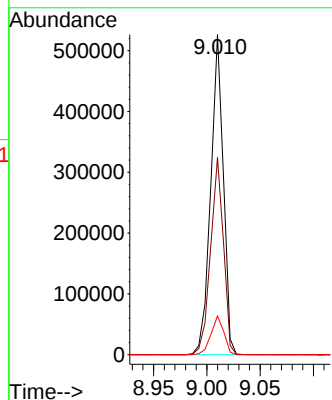
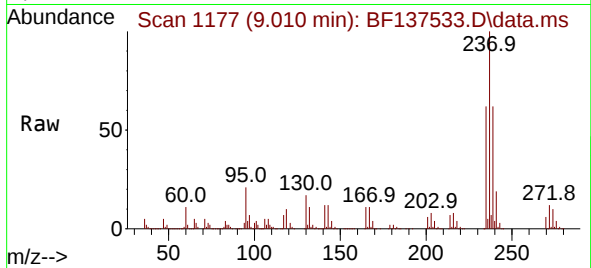




#41
Hexachlorocyclopentadiene
Concen: 80.081 ng
RT: 9.010 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

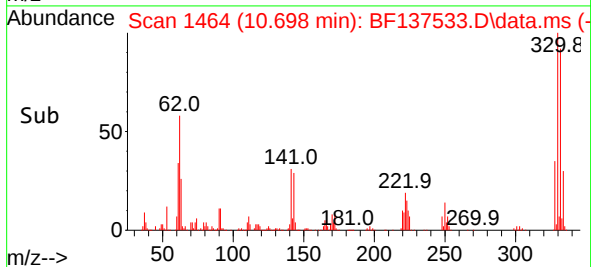
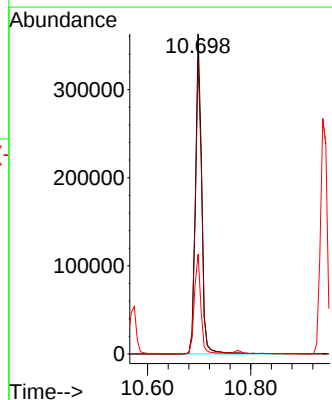
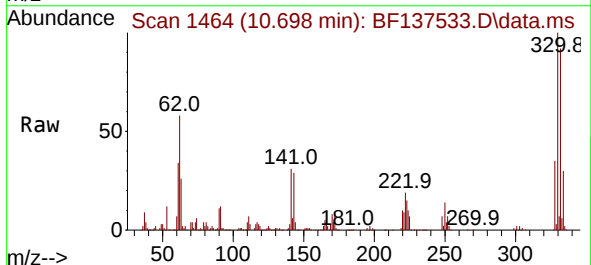
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

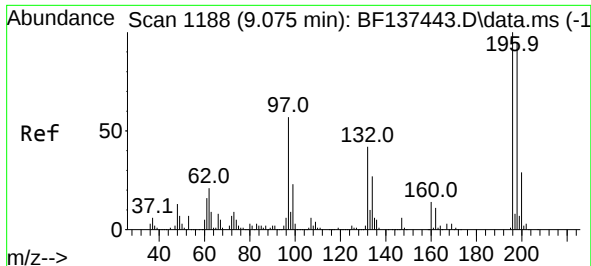
Tgt Ion:237 Resp: 434411
Ion Ratio Lower Upper
237 100
235 61.6 43.6 83.6
272 12.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 72.806 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:330 Resp: 304392
Ion Ratio Lower Upper
330 100
332 93.9 78.0 117.0
141 32.0 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 41.444 ng

RT: 9.139 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

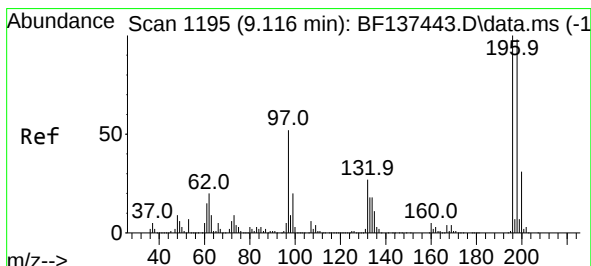
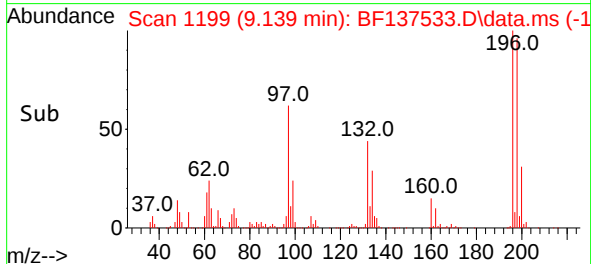
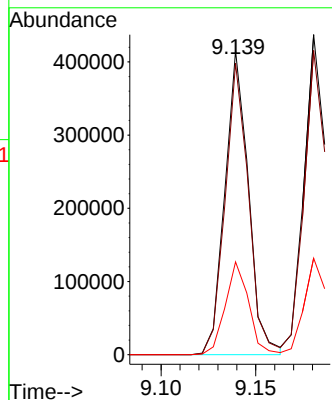
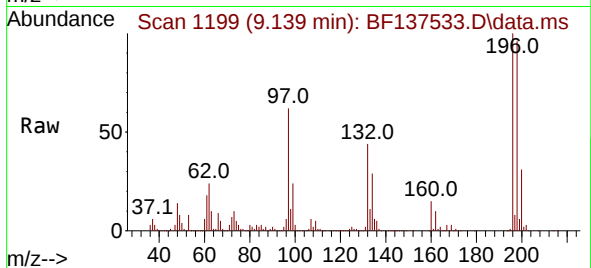
Tgt Ion:196 Resp: 358710

Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.8

200 30.5 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 39.236 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Tgt Ion:196 Resp: 391201

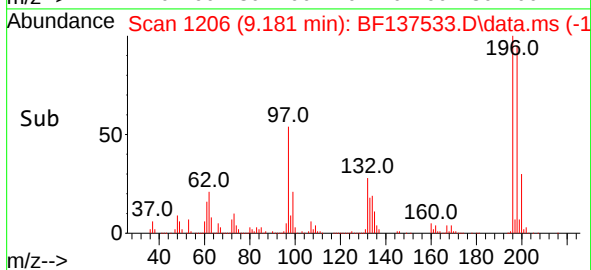
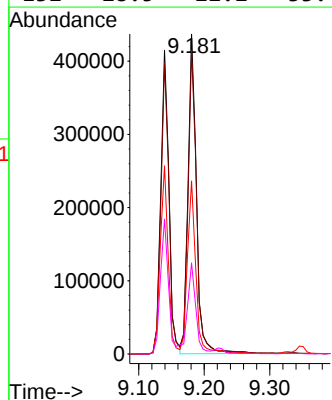
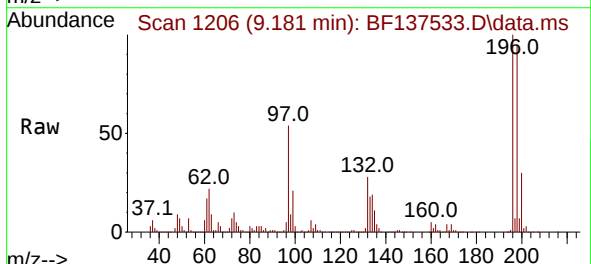
Ion Ratio Lower Upper

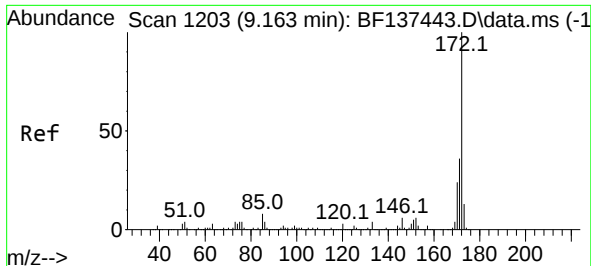
196 100

198 95.1 78.6 117.8

97 54.1 41.8 62.8

132 28.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 48.217 ng

RT: 9.222 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

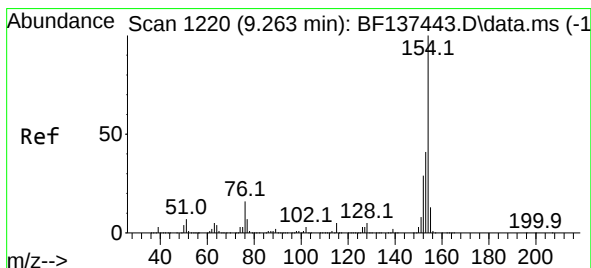
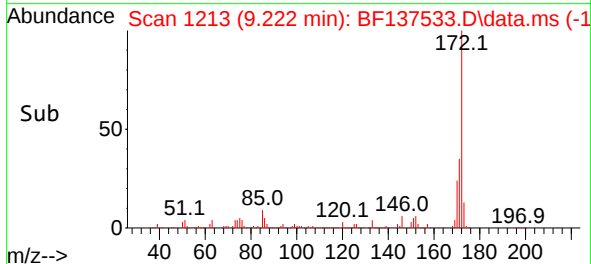
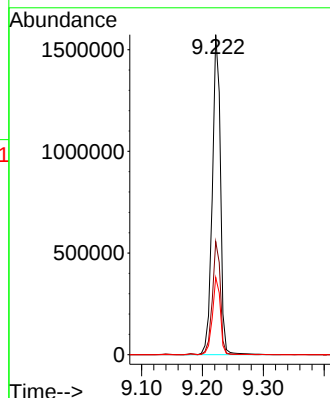
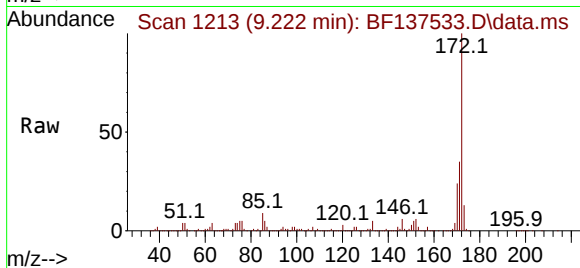
Tgt Ion:172 Resp: 1466469

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 38.575 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

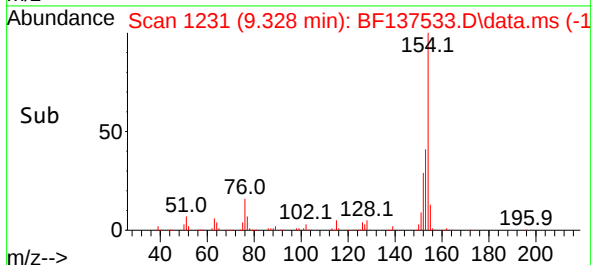
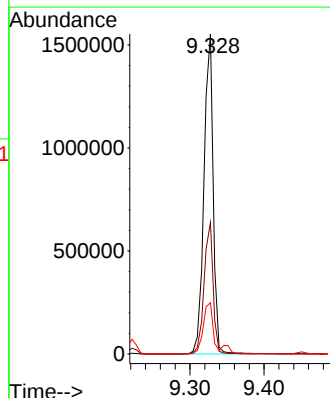
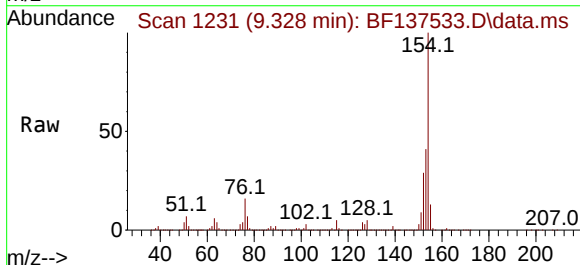
Tgt Ion:154 Resp: 1344143

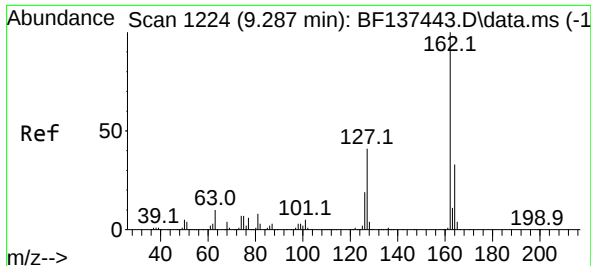
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 16.0 0.0 35.8





#47

2-Chloronaphthalene

Concen: 39.644 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

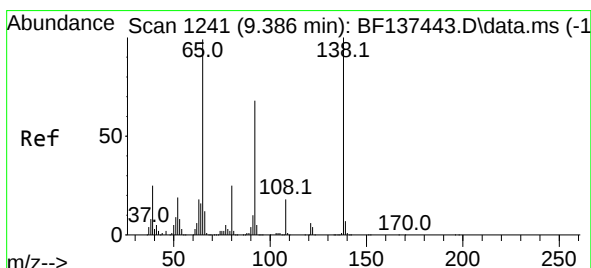
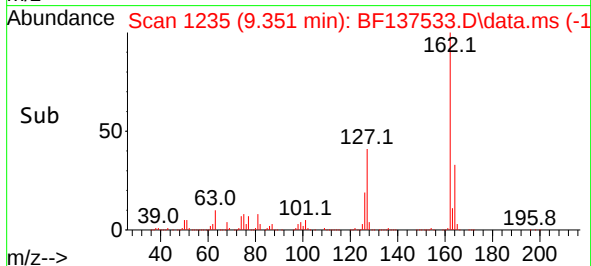
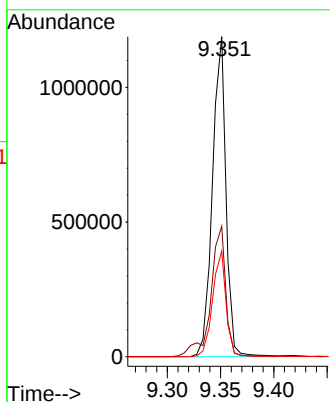
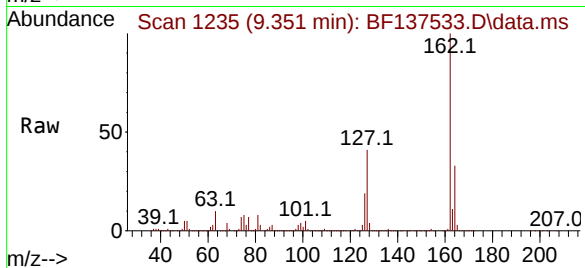
Tgt Ion:162 Resp: 1053206

Ion Ratio Lower Upper

162 100

127 40.7 32.6 49.0

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 41.814 ng

RT: 9.451 min Scan# 1252

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

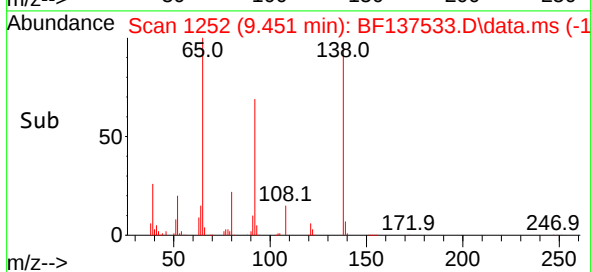
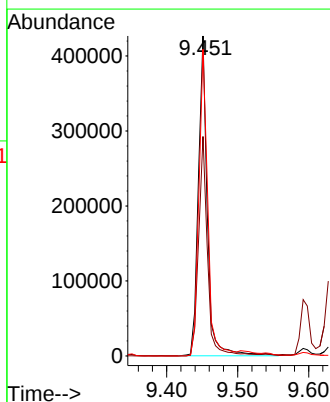
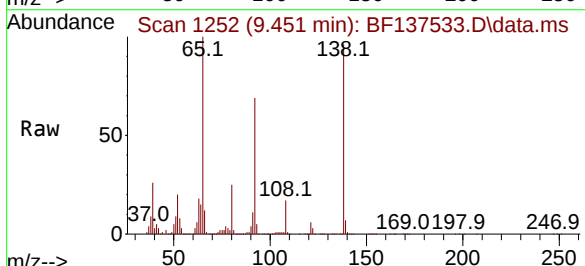
Tgt Ion: 65 Resp: 377571

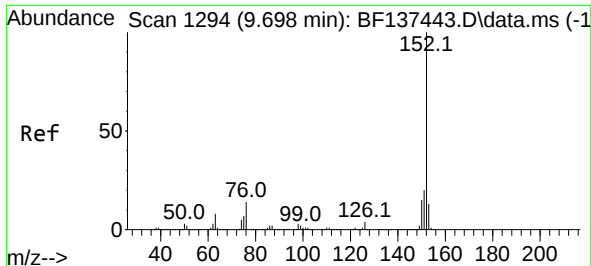
Ion Ratio Lower Upper

65 100

92 68.6 55.4 83.2

138 95.8 81.0 121.6





#49

Acenaphthylene

Concen: 39.669 ng

RT: 9.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

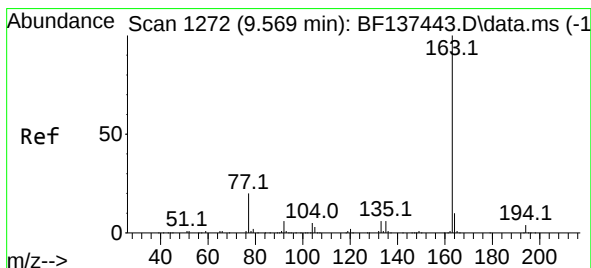
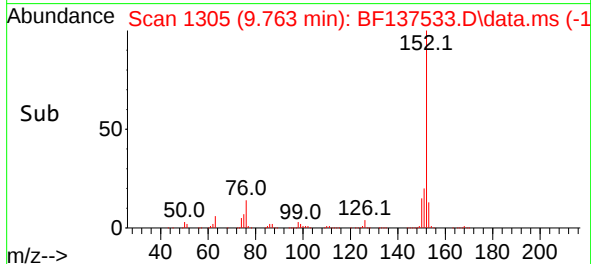
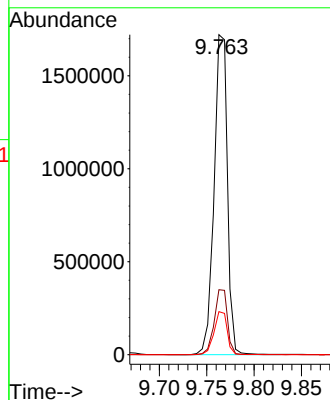
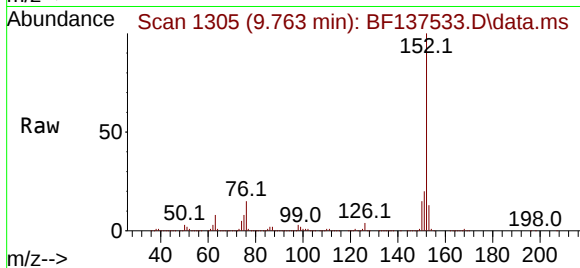
Tgt Ion:152 Resp: 1686536

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 38.828 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

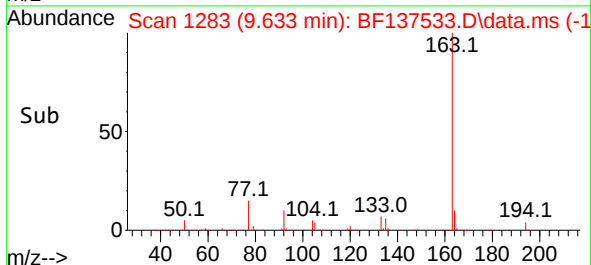
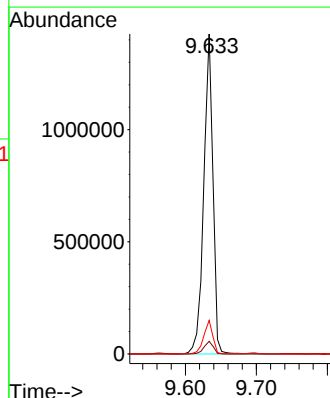
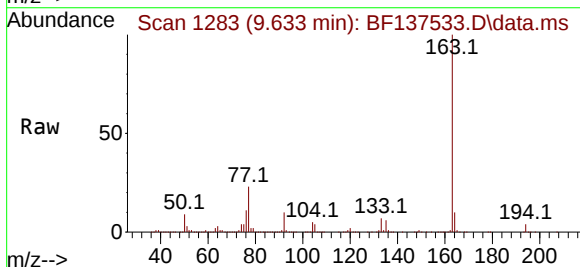
Tgt Ion:163 Resp: 1286795

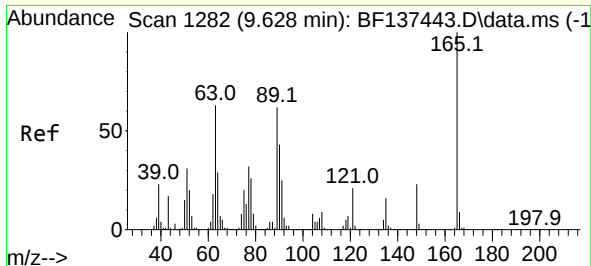
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.5 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.226 ng

RT: 9.698 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

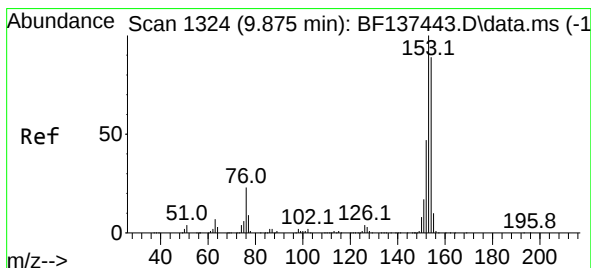
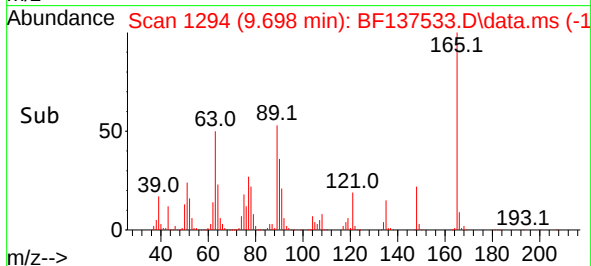
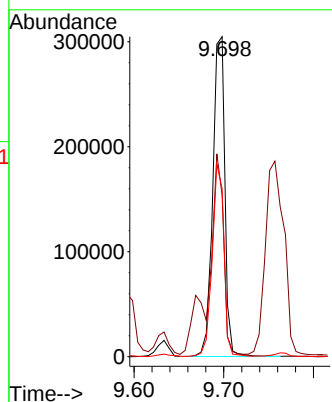
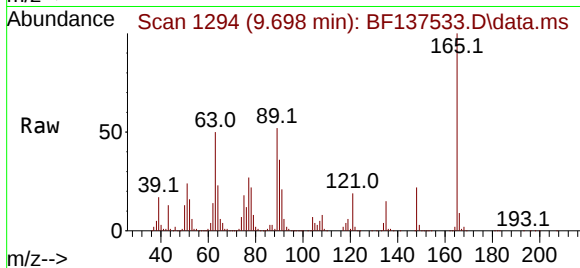
Tgt Ion:165 Resp: 285772

Ion Ratio Lower Upper

165 100

63 50.4 50.7 76.1#

89 52.5 50.0 75.0



#52

Acenaphthene

Concen: 37.299 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

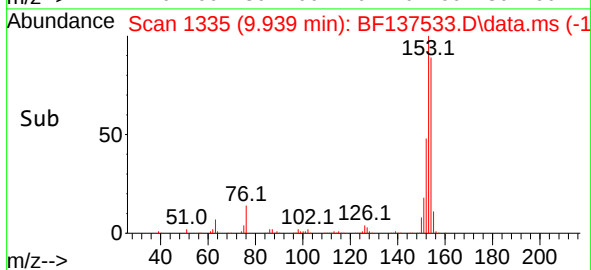
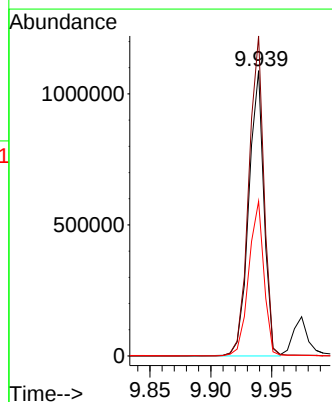
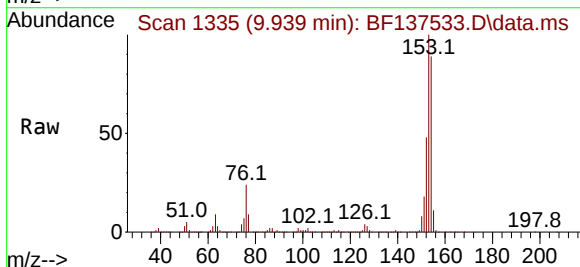
Tgt Ion:154 Resp: 946724

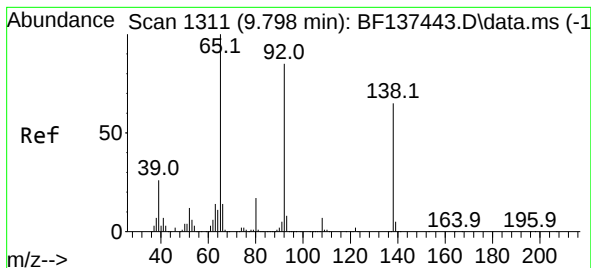
Ion Ratio Lower Upper

154 100

153 112.2 90.3 135.5

152 54.3 42.7 64.1





#53

3-Nitroaniline

Concen: 20.905 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

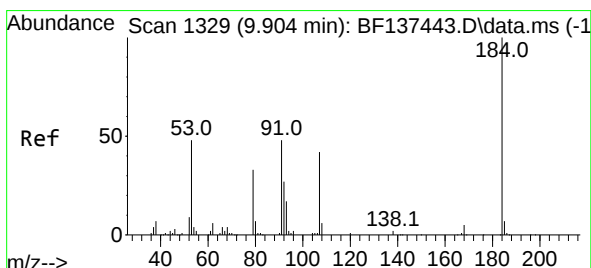
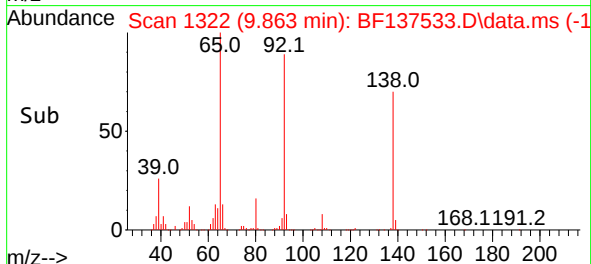
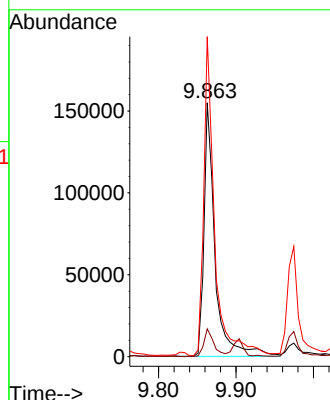
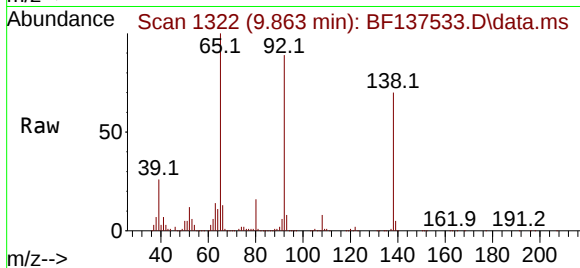
Tgt Ion:138 Resp: 153277

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

92 126.1 104.6 157.0



#54

2,4-Dinitrophenol

Concen: 69.414 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

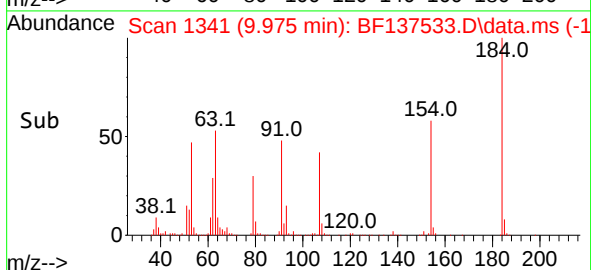
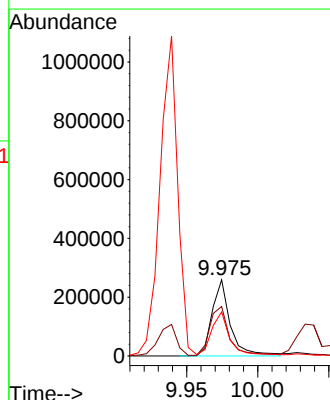
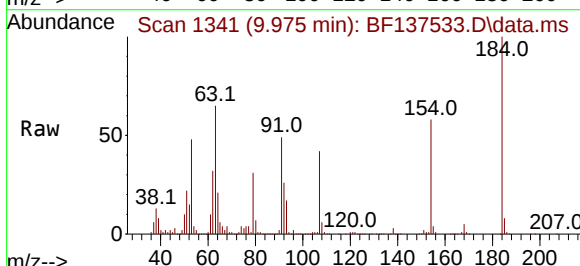
Tgt Ion:184 Resp: 230584

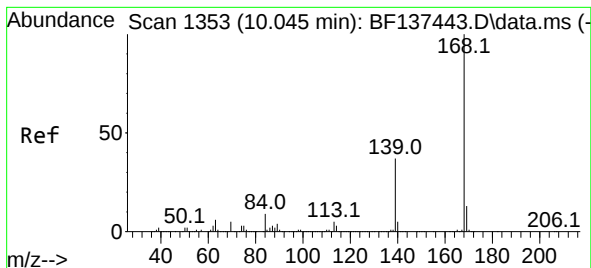
Ion Ratio Lower Upper

184 100

63 64.9 53.3 79.9

154 57.7 47.4 71.0

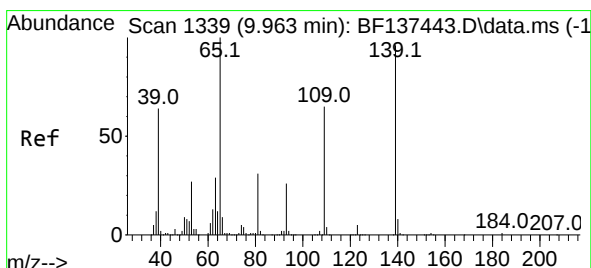
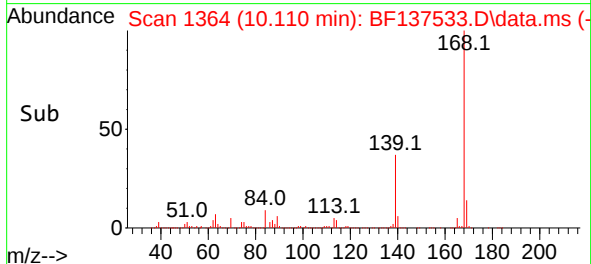
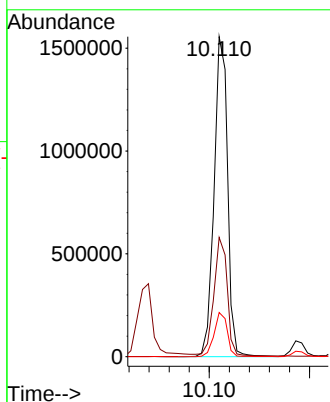
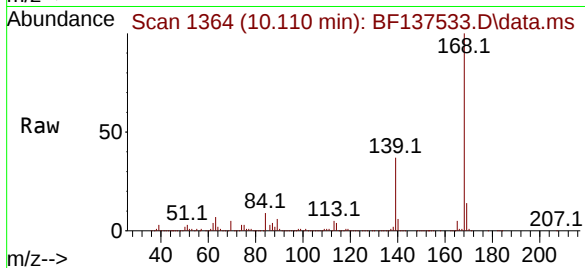




#55
Dibenzenofuran
Concen: 37.549 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

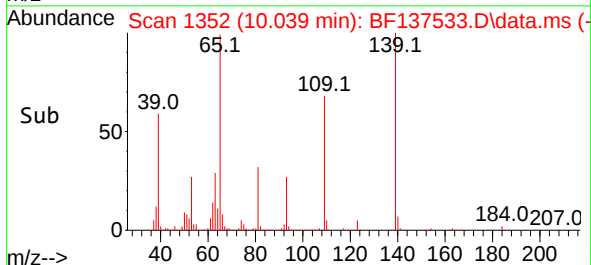
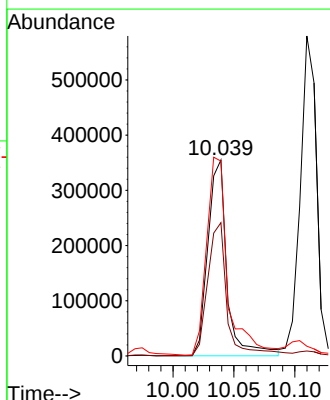
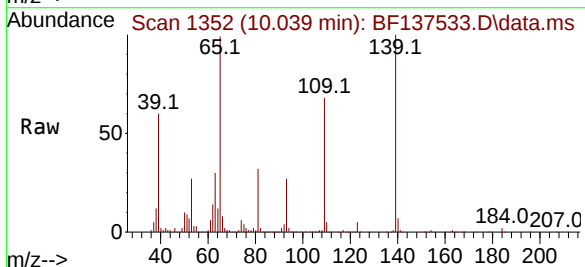
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

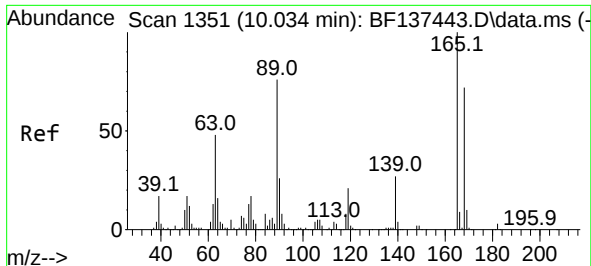
Tgt Ion:168 Resp: 1451600
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 74.684 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:139 Resp: 387920
Ion Ratio Lower Upper
139 100
109 68.0 47.1 87.1
65 99.4 85.1 125.1

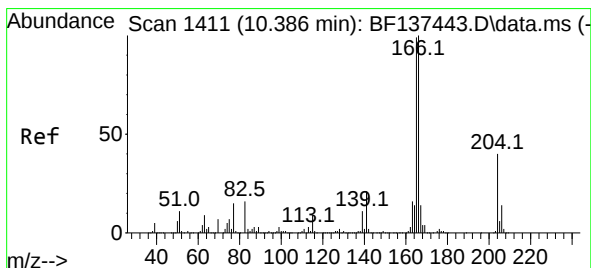
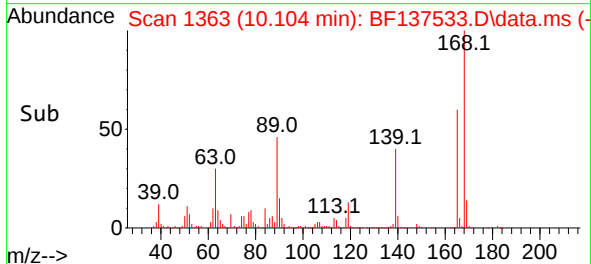
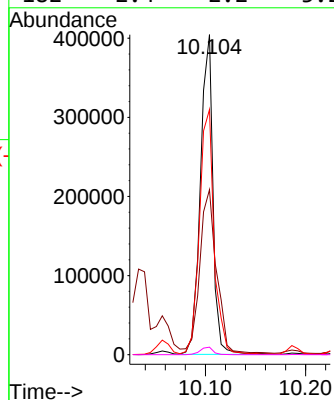
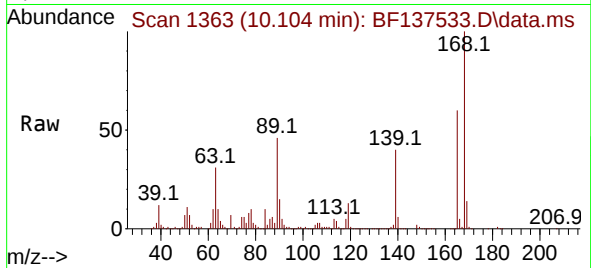




#57
2,4-Dinitrotoluene
Concen: 41.244 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

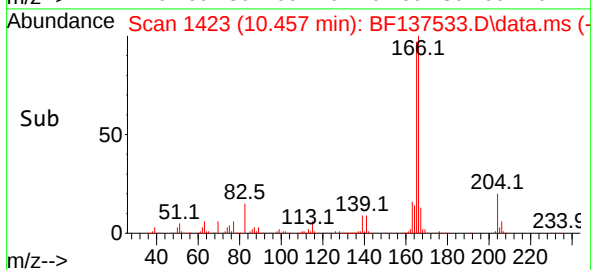
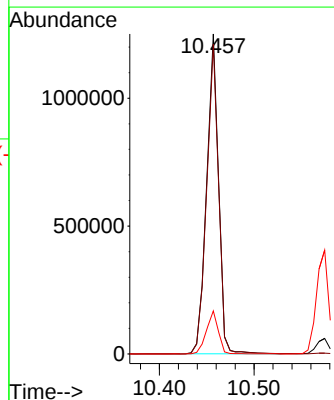
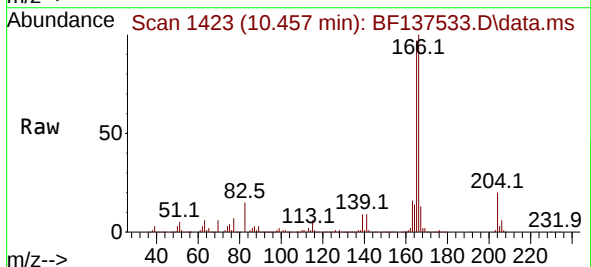
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

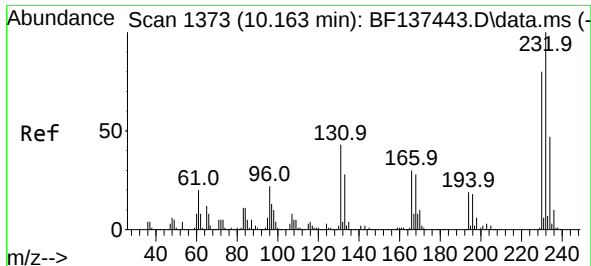
Tgt Ion:165 Resp: 351242
Ion Ratio Lower Upper
165 100
63 51.6 39.0 58.6
89 76.6 60.9 91.3
182 2.4 2.2 3.2



#58
Fluorene
Concen: 36.637 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:166 Resp: 1087733
Ion Ratio Lower Upper
166 100
165 96.8 79.2 118.8
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.996 ng

RT: 10.233 min Scan# 1403

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

Tgt Ion:232 Resp: 311788

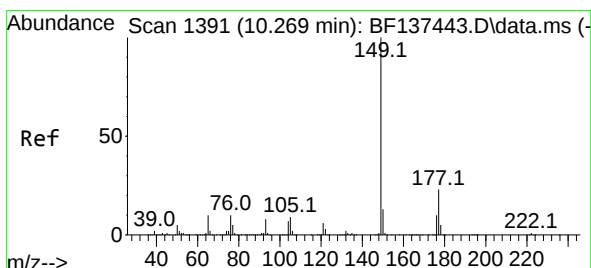
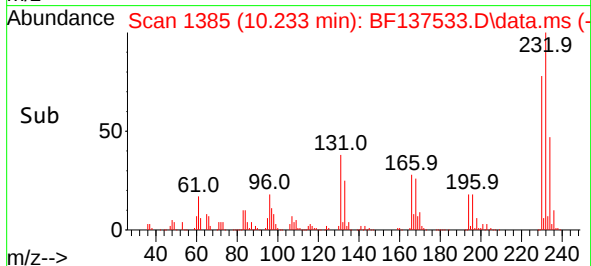
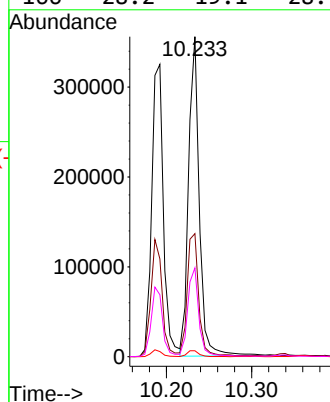
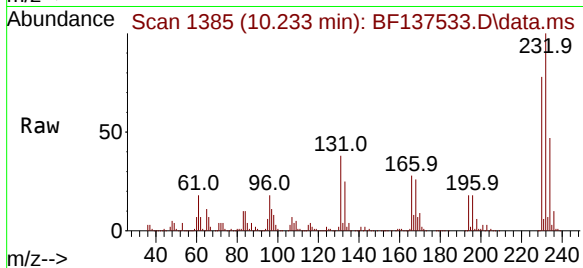
Ion Ratio Lower Upper

232 100

131 40.9 31.2 46.8

130 2.1 1.8 2.6

166 28.2 19.1 28.7



#60

Diethylphthalate

Concen: 38.760 ng

RT: 10.339 min Scan# 1403

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

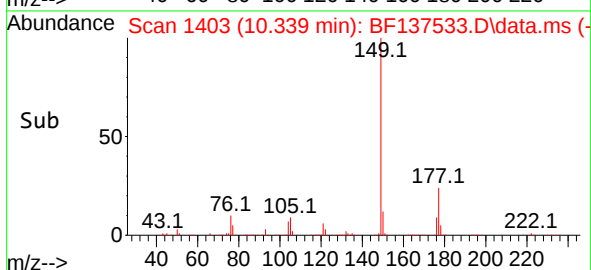
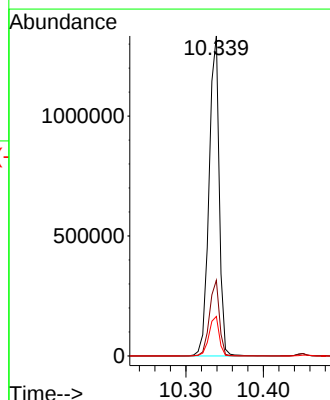
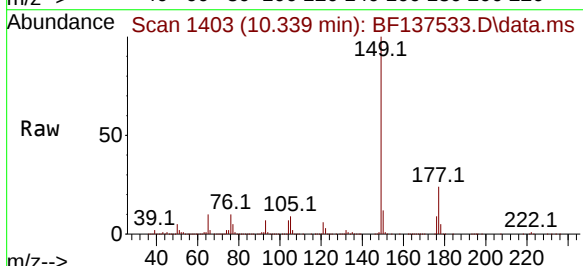
Tgt Ion:149 Resp: 1213045

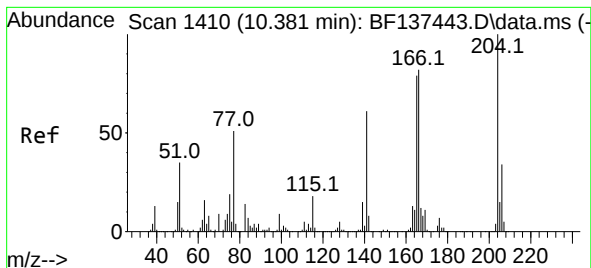
Ion Ratio Lower Upper

149 100

177 23.6 18.7 28.1

150 12.3 10.2 15.4

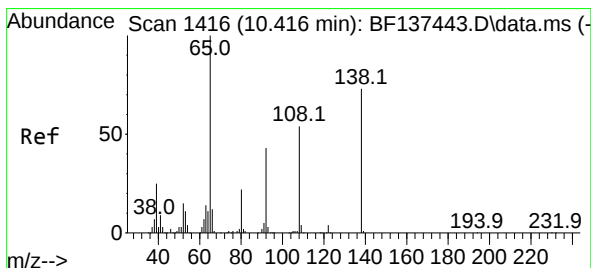
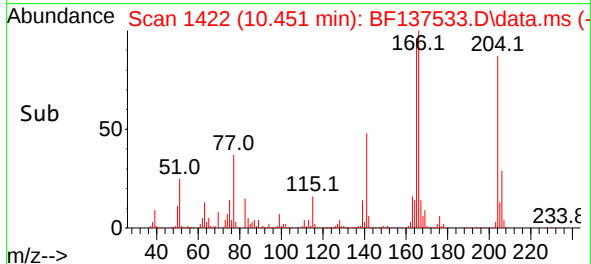
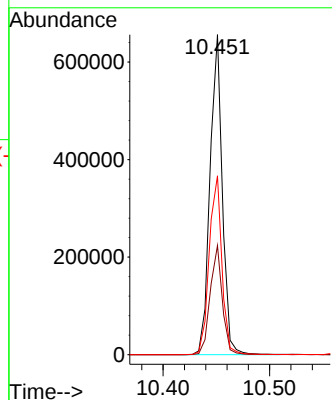
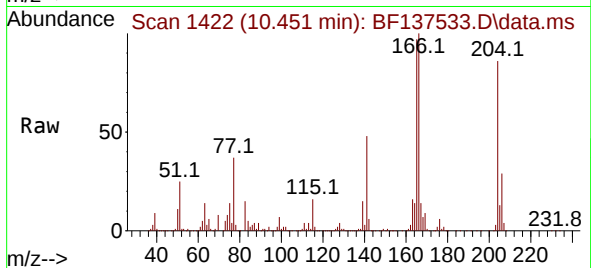




#61
4-Chlorophenyl-phenylether
Concen: 36.316 ng
RT: 10.451 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

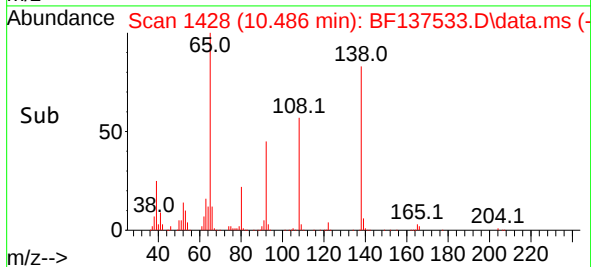
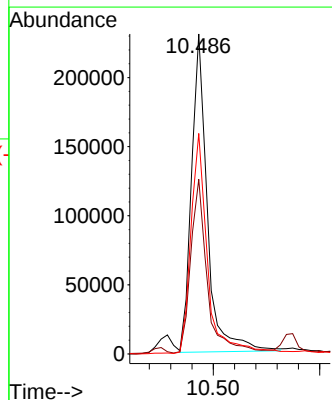
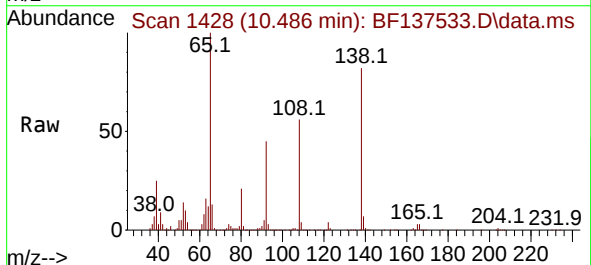
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

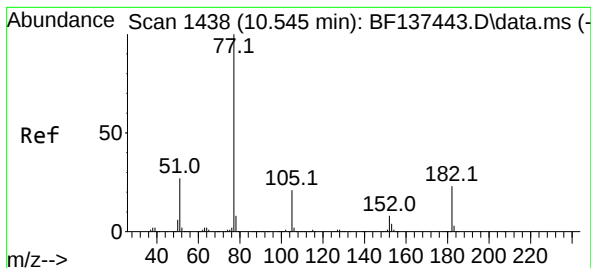
Tgt Ion:204 Resp: 528424
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.0
141 55.9 48.4 72.6



#62
4-Nitroaniline
Concen: 37.758 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:138 Resp: 237941
Ion Ratio Lower Upper
138 100
92 54.6 37.9 77.9
108 68.9 53.2 93.2





#63

Azobenzene

Concen: 37.563 ng

RT: 10.610 min Scan# 1438

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

Tgt Ion: 77 Resp: 1353650

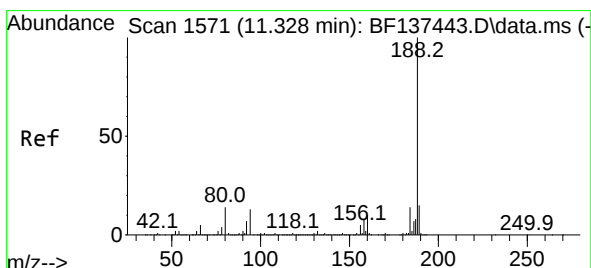
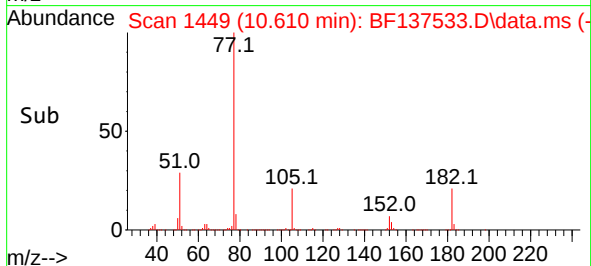
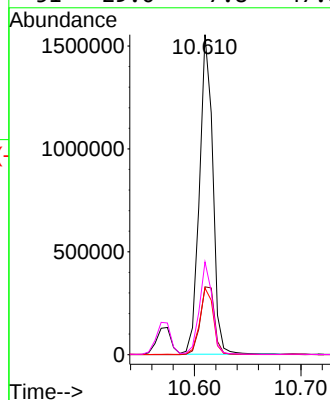
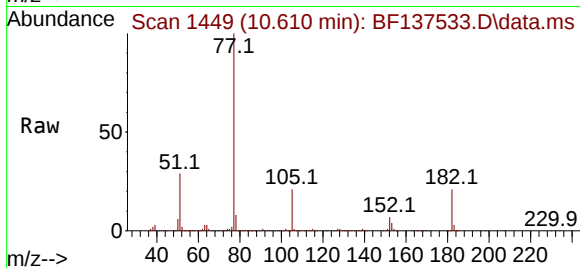
Ion Ratio Lower Upper

77 100

182 21.2 3.2 43.2

105 20.8 1.2 41.2

51 29.0 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

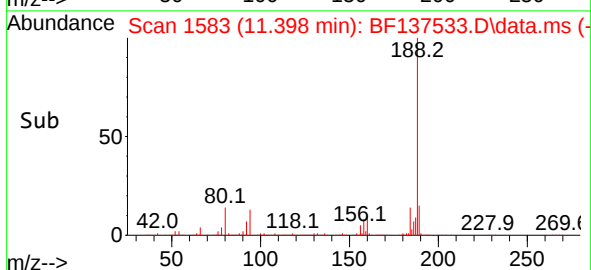
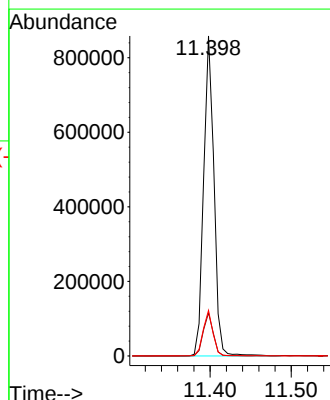
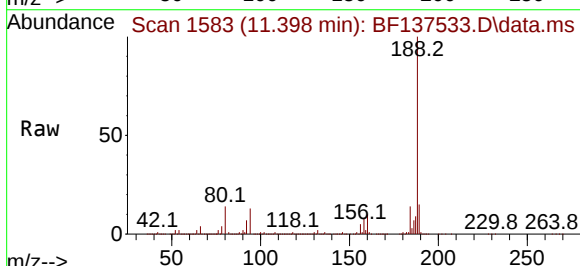
Tgt Ion: 188 Resp: 757881

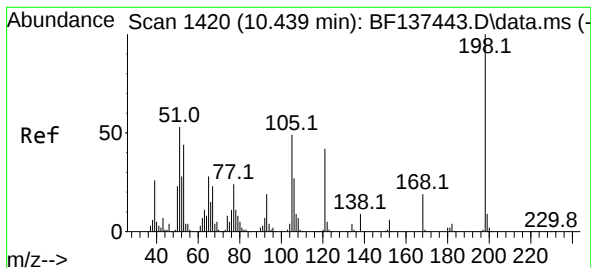
Ion Ratio Lower Upper

188 100

94 13.5 10.6 15.8

80 14.3 11.5 17.3

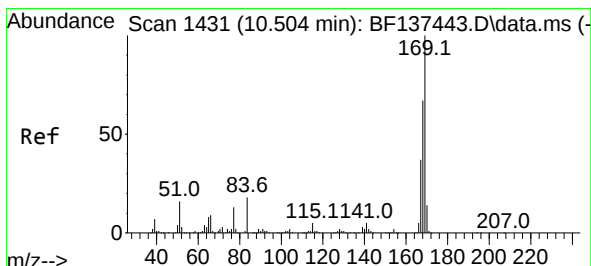
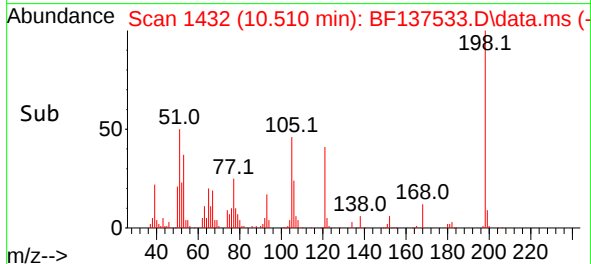
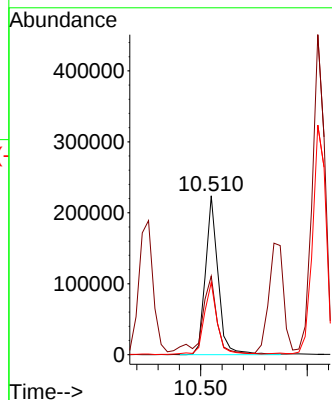
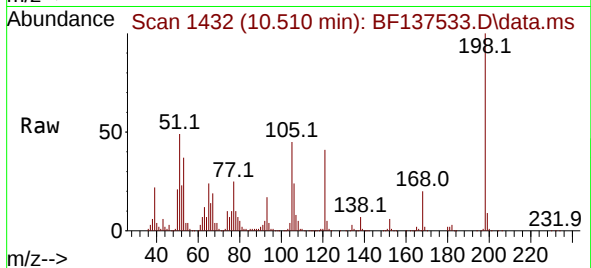




#65
4,6-Dinitro-2-methylphenol
Concen: 43.787 ng
RT: 10.510 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

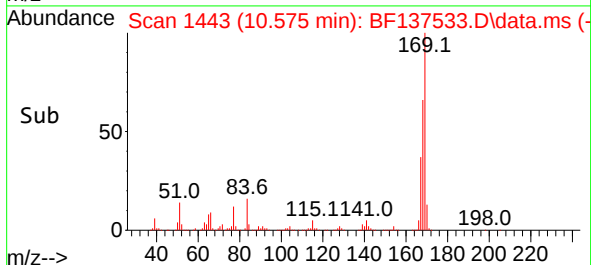
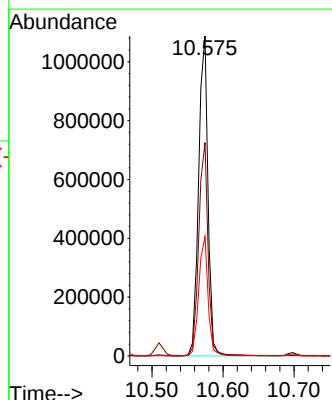
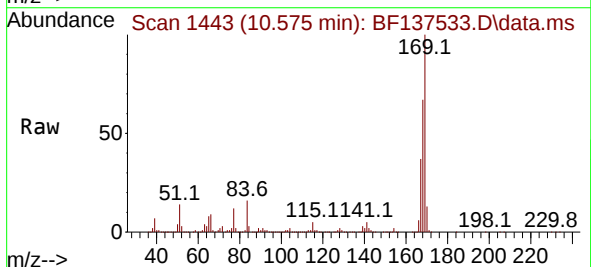
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

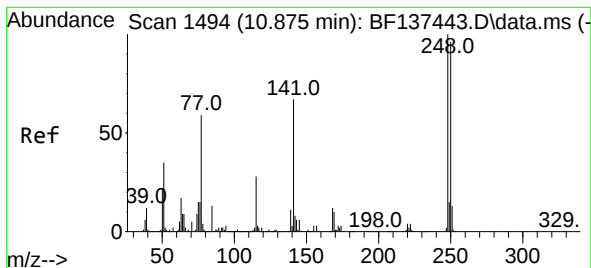
Tgt Ion:198 Resp: 184957
Ion Ratio Lower Upper
198 100
51 49.4 37.2 77.2
105 45.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.180 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:169 Resp: 1004981
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 37.3 29.6 44.4

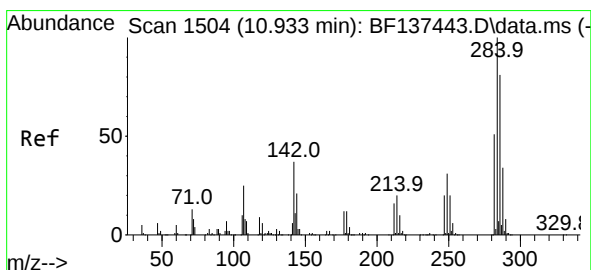
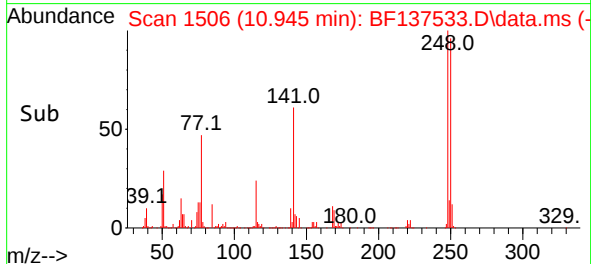
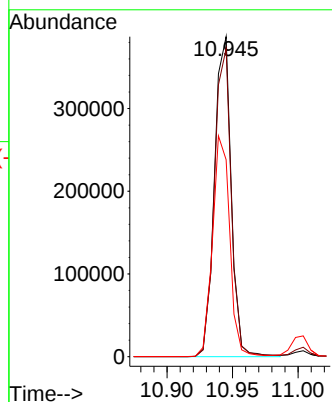
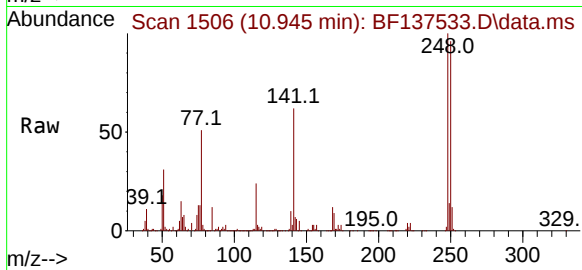




#67
4-Bromophenyl-phenylether
Concen: 41.694 ng
RT: 10.945 min Scan# 1516
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

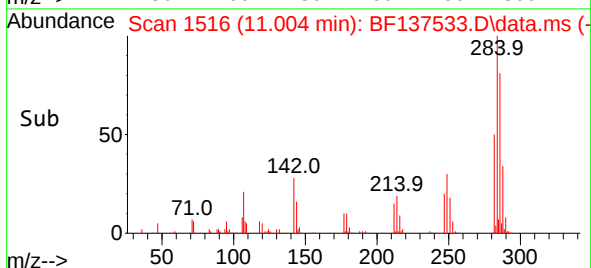
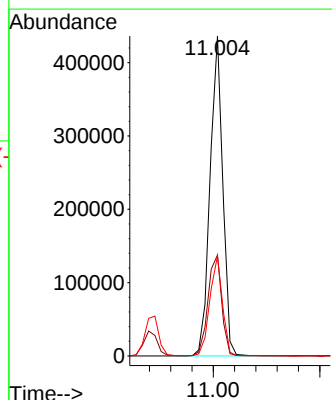
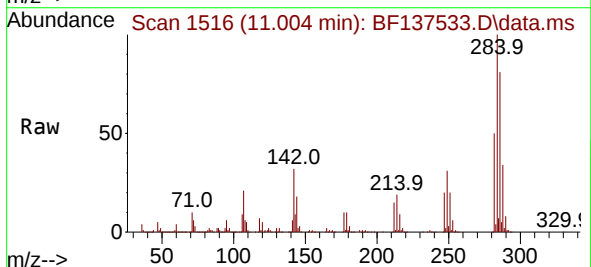
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

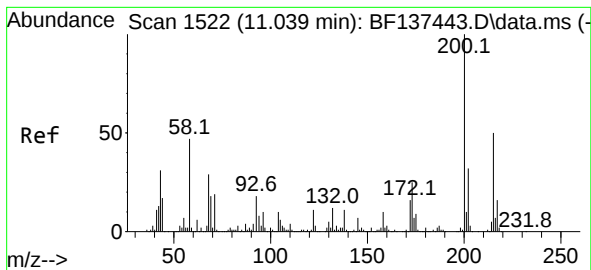
Tgt Ion:248 Resp: 344172
Ion Ratio Lower Upper
248 100
250 96.3 76.8 115.2
141 61.6 53.4 80.0



#68
Hexachlorobenzene
Concen: 43.587 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:284 Resp: 363401
Ion Ratio Lower Upper
284 100
142 31.5 29.4 44.0
249 31.3 25.0 37.4





#69

Atrazine

Concen: 44.877 ng

RT: 11.110 min Scan# 1534

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

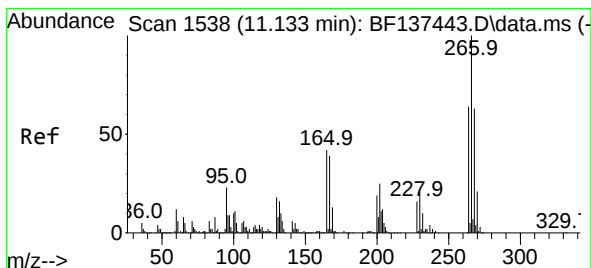
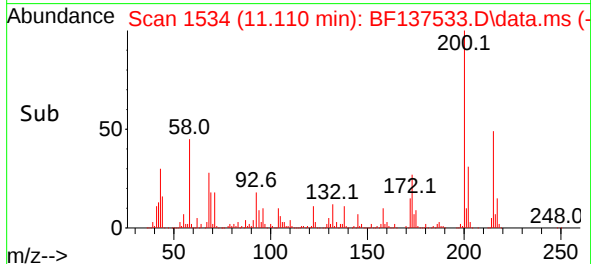
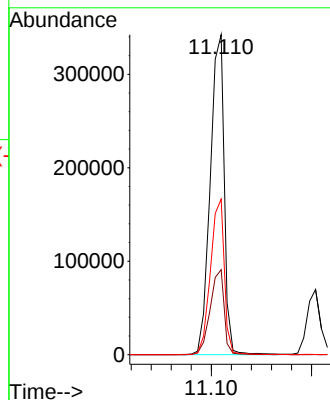
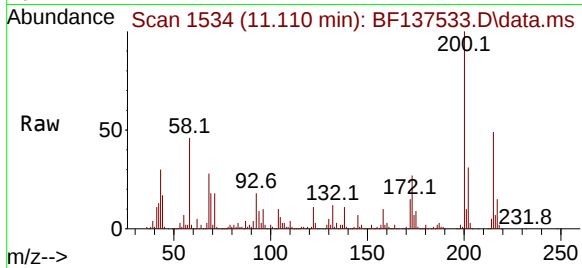
Tgt Ion:200 Resp: 332942

Ion Ratio Lower Upper

200 100

173 26.5 5.1 45.1

215 48.6 30.4 70.4



#70

Pentachlorophenol

Concen: 73.544 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

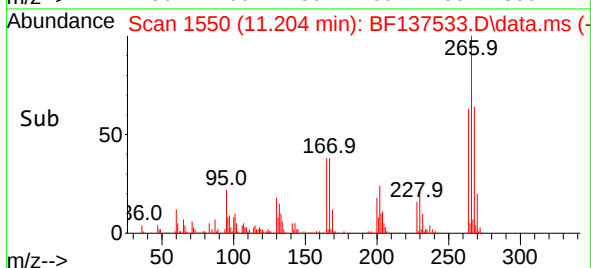
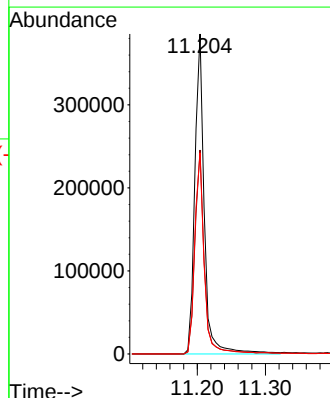
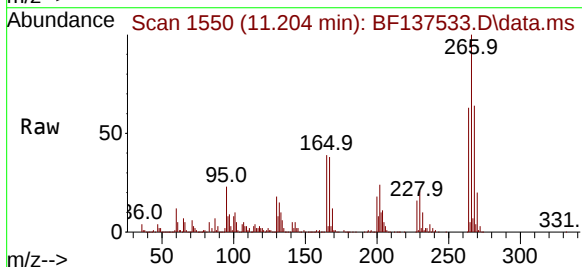
Tgt Ion:266 Resp: 370668

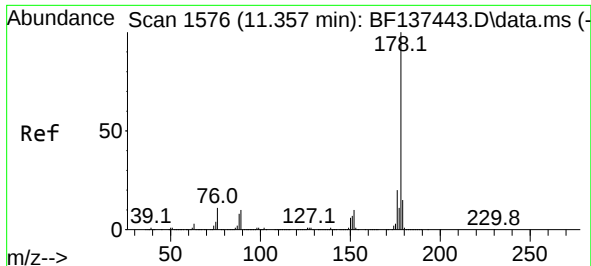
Ion Ratio Lower Upper

266 100

268 63.7 50.2 75.2

264 62.9 50.9 76.3

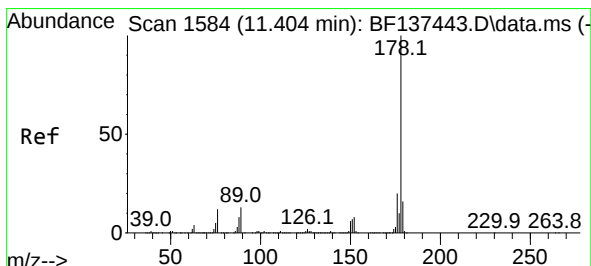
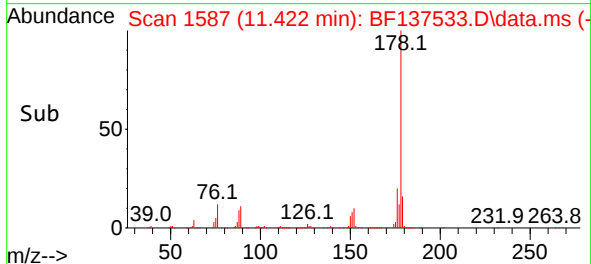
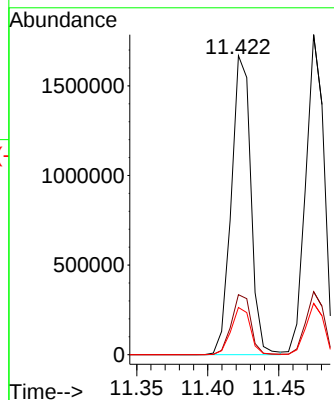
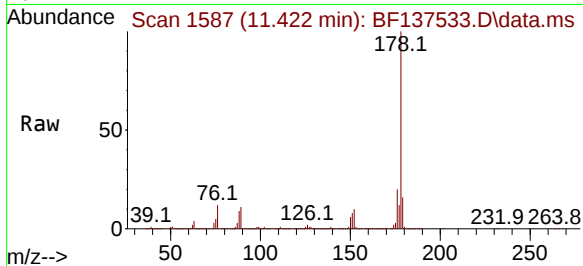




#71
Phenanthrene
Concen: 38.773 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

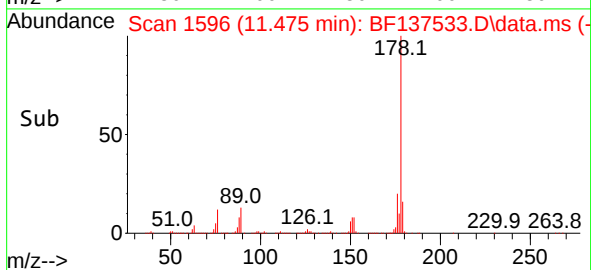
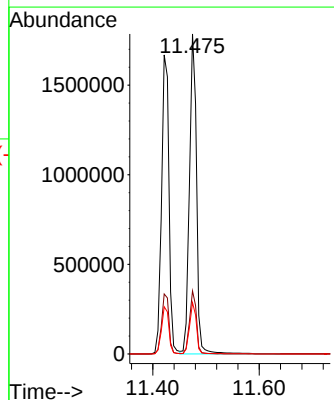
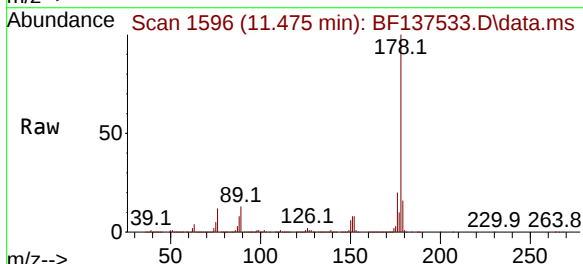
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

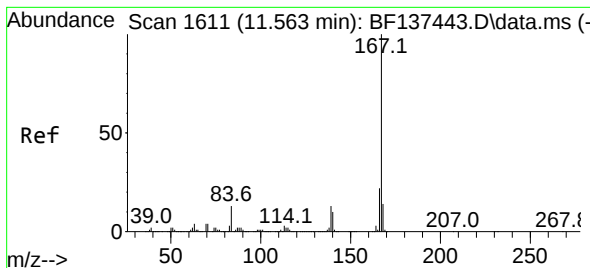
Tgt Ion:178 Resp: 1599203
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.8 12.2 18.2



#72
Anthracene
Concen: 38.834 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:178 Resp: 1645080
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.0 12.7 19.1





#73

Carbazole

Concen: 39.602 ng

RT: 11.633 min Scan# 1623

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

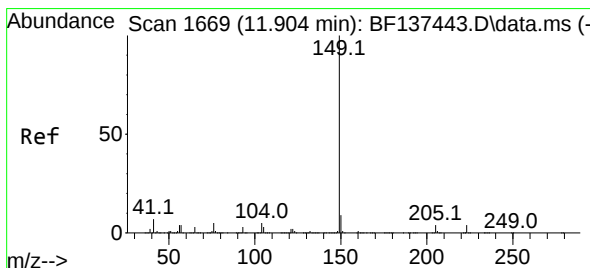
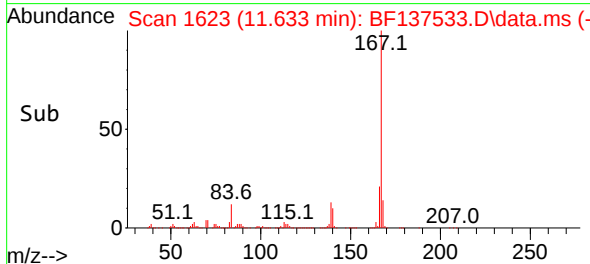
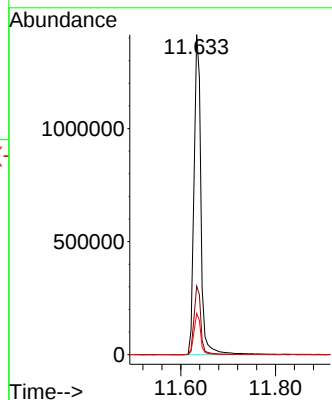
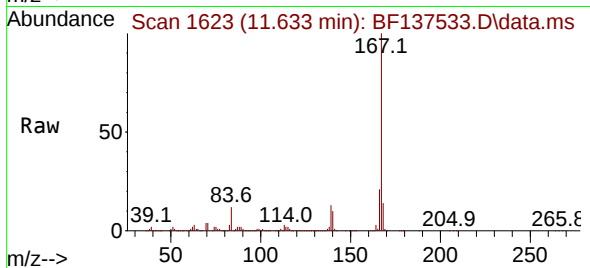
Tgt Ion:167 Resp: 1436970

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.8

139 12.9 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.476 ng

RT: 11.974 min Scan# 1681

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

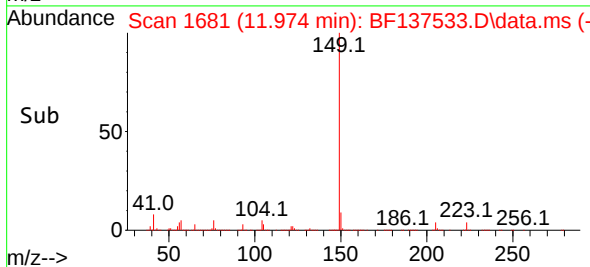
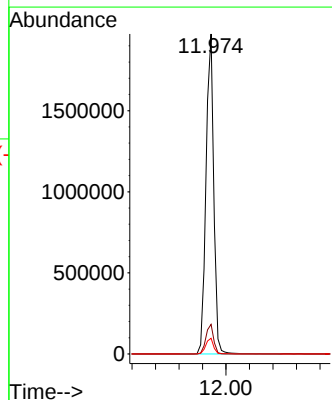
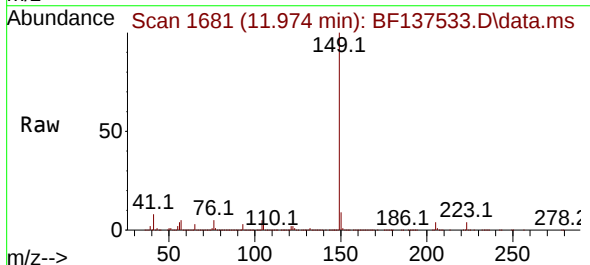
Tgt Ion:149 Resp: 1790562

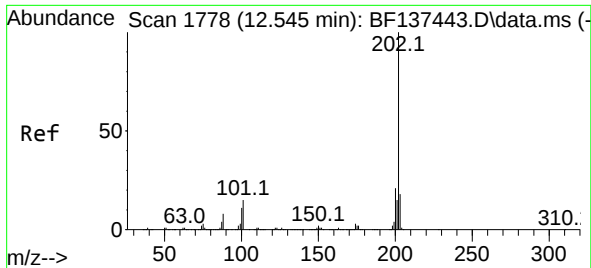
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.9 3.8 5.6

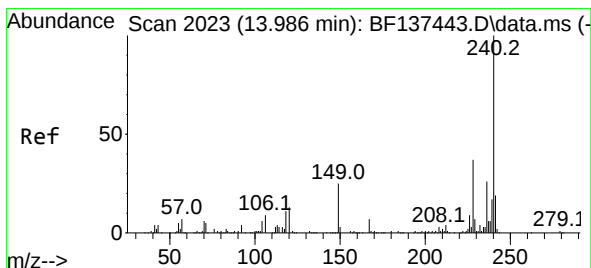
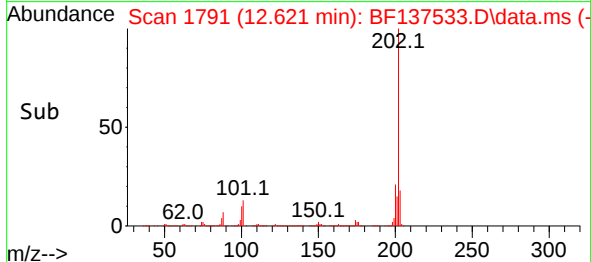
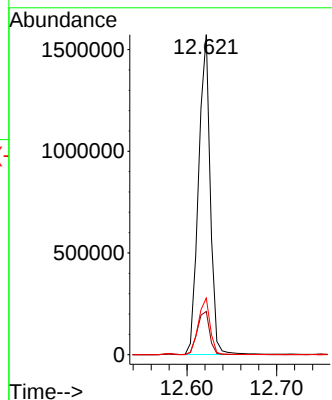
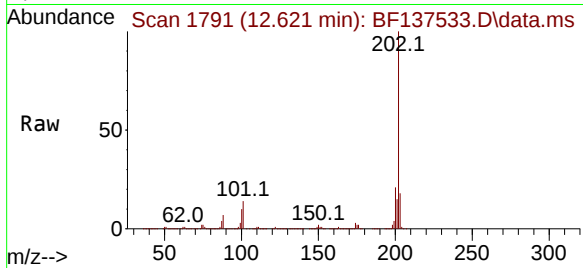




#75
Fluoranthene
Concen: 35.261 ng
RT: 12.621 min Scan# 1778
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

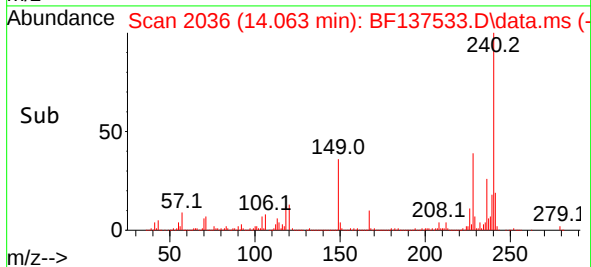
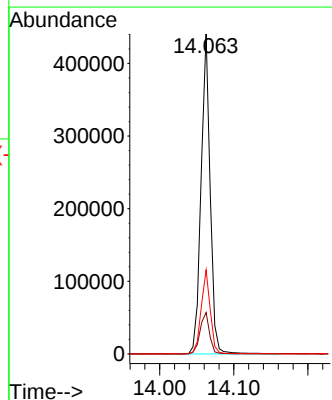
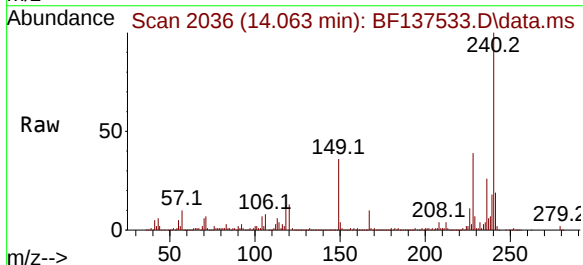
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

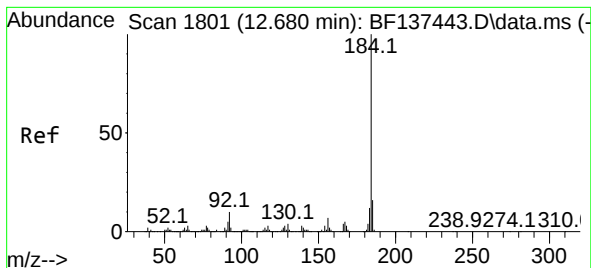
Tgt Ion:202 Resp: 1421609
Ion Ratio Lower Upper
202 100
101 13.5 0.0 35.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:240 Resp: 377347
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 26.3 20.9 31.3





#77

Benzidine

Concen: 46.890 ng

RT: 12.751 min Scan# 1813

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

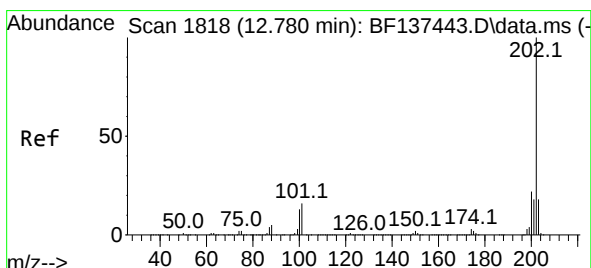
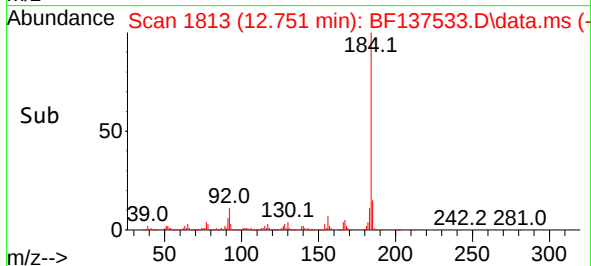
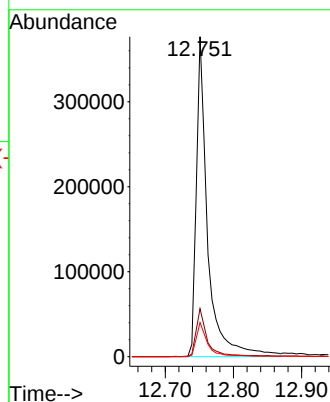
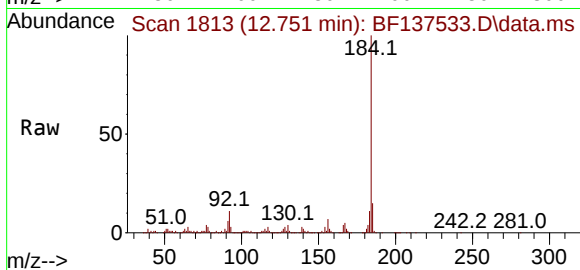
Tgt Ion:184 Resp: 433005

Ion Ratio Lower Upper

184 100

185 15.0 13.2 19.8

183 10.7 9.3 13.9



#78

Pyrene

Concen: 38.178 ng

RT: 12.851 min Scan# 1830

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

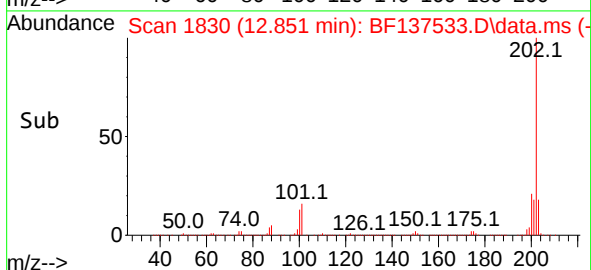
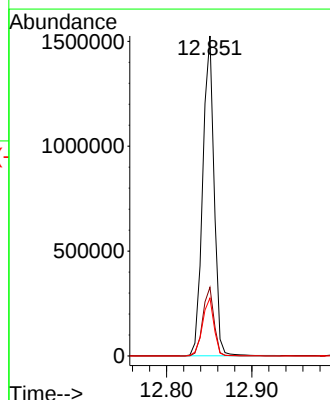
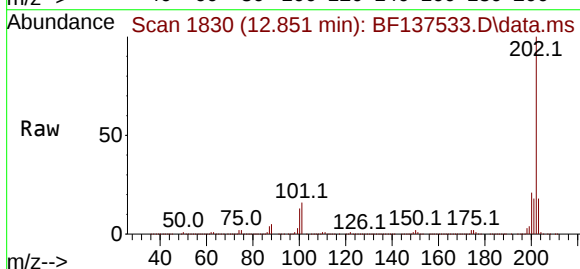
Tgt Ion:202 Resp: 1413586

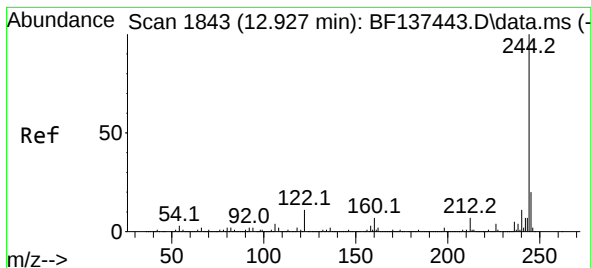
Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 49.017 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

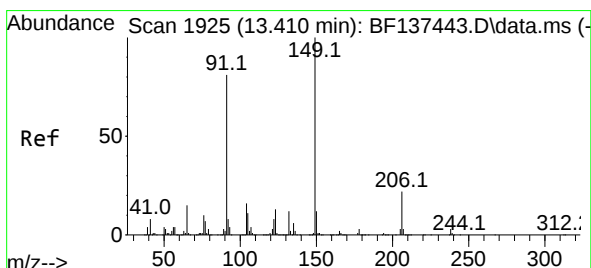
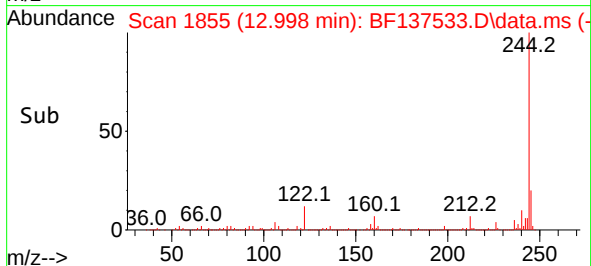
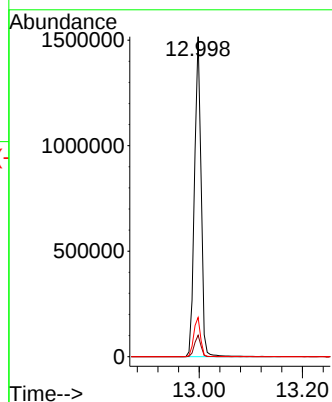
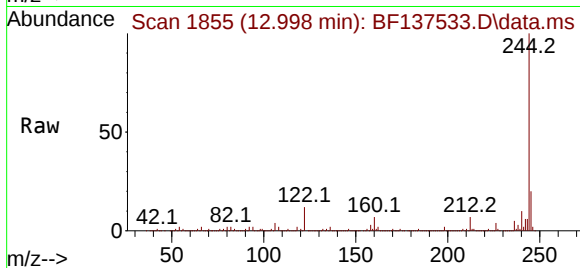
Tgt Ion:244 Resp: 1345102

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 12.2 9.1 13.7



#80

Butylbenzylphthalate

Concen: 53.018 ng

RT: 13.486 min Scan# 1938

Delta R.T. 0.018 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

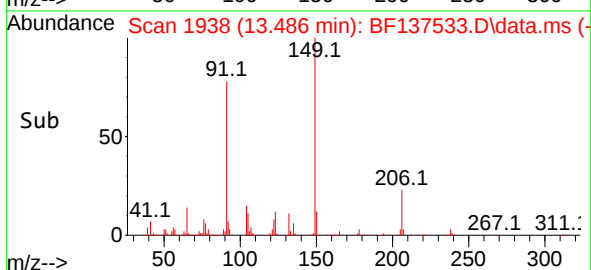
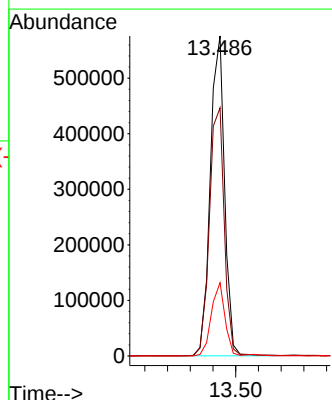
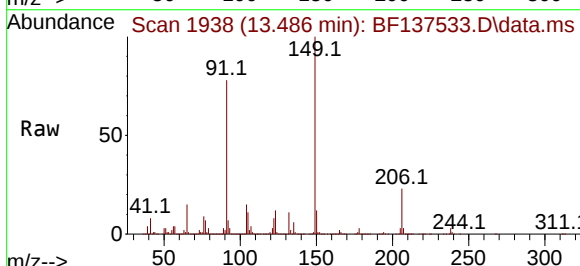
Tgt Ion:149 Resp: 501333

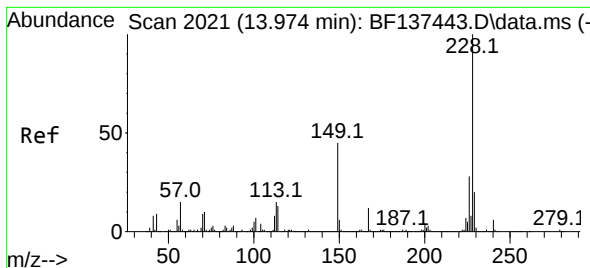
Ion Ratio Lower Upper

149 100

91 77.6 64.7 97.1

206 22.9 17.5 26.3





#81

Benzo(a)anthracene

Concen: 40.145 ng

RT: 14.051 min Scan# 2029

Delta R.T. 0.012 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

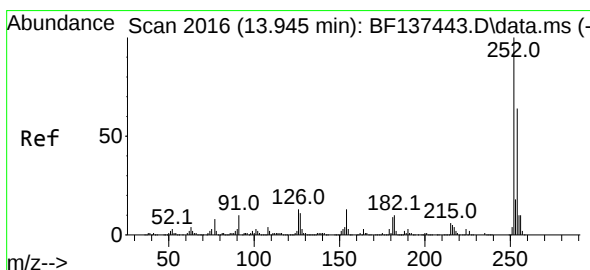
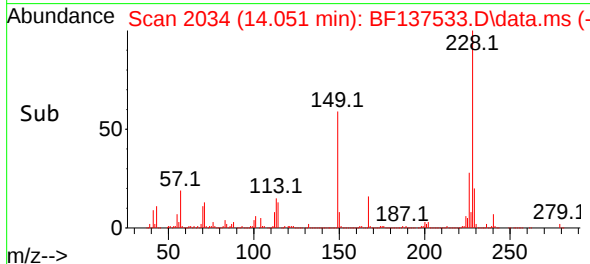
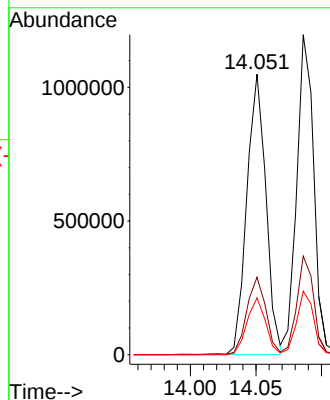
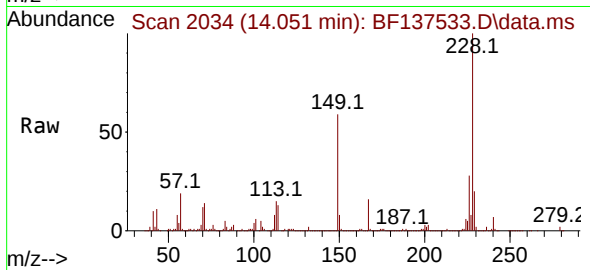
Tgt Ion:228 Resp: 1061759

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 20.3 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 30.749 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.018 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

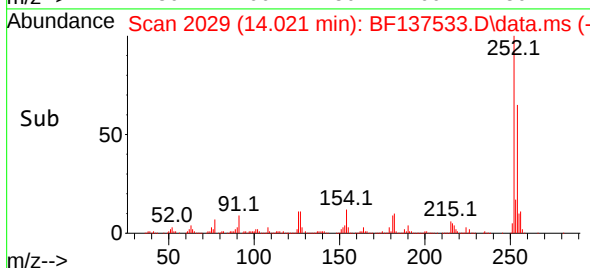
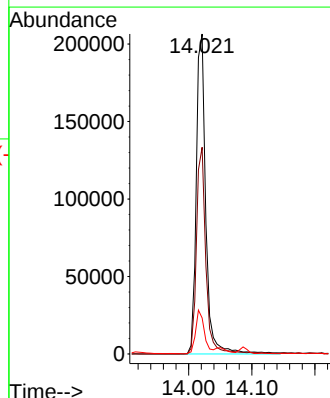
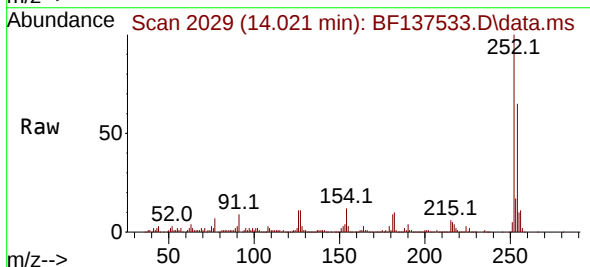
Tgt Ion:252 Resp: 216568

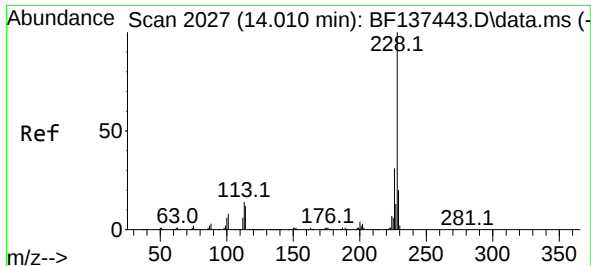
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

126 11.3 10.4 15.6

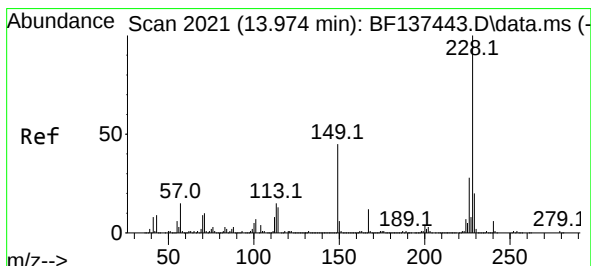
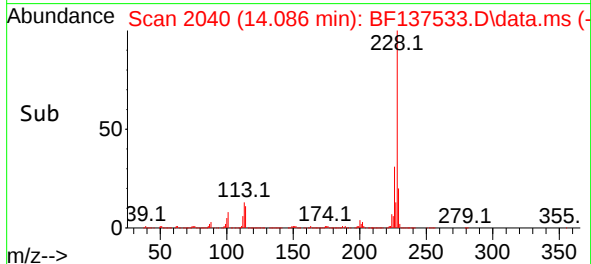
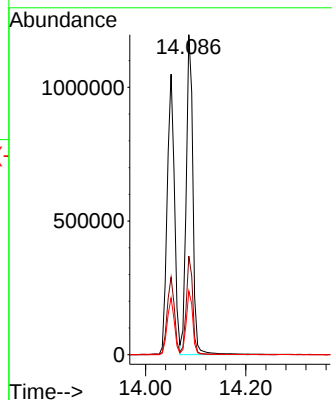
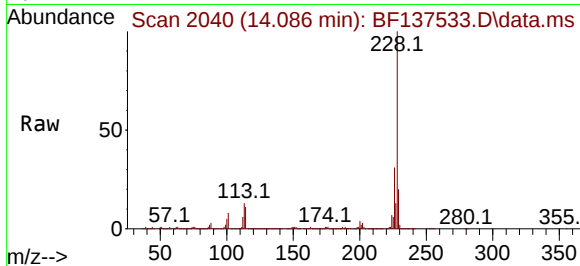




#83
Chrysene
Concen: 41.425 ng
RT: 14.086 min Scan# 2034
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

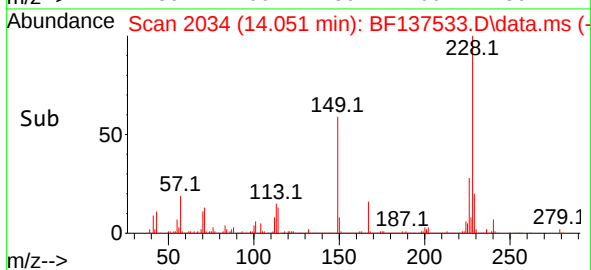
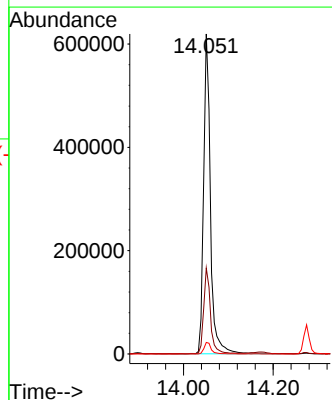
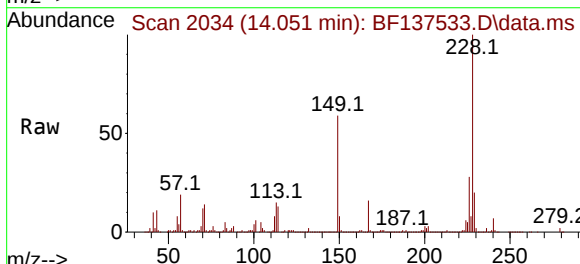
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

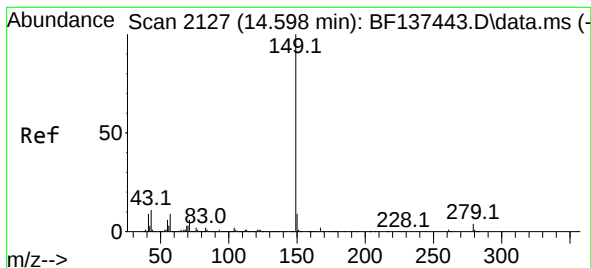
Tgt Ion:228 Resp: 1107308
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.9 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.223 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.012 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:149 Resp: 651701
Ion Ratio Lower Upper
149 100
167 26.9 21.3 31.9
279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 49.890 ng

RT: 14.680 min Scan# 2127

Delta R.T. 0.018 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

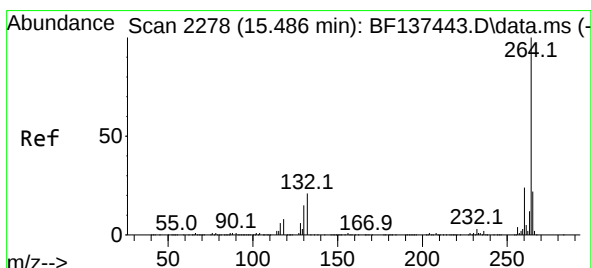
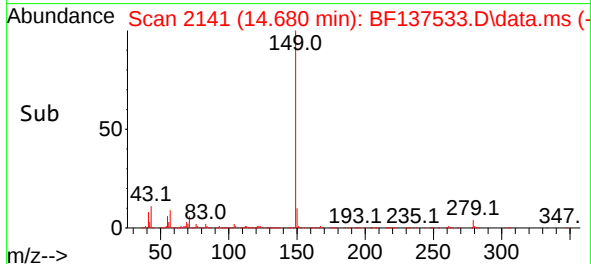
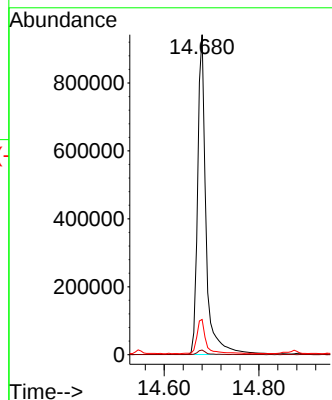
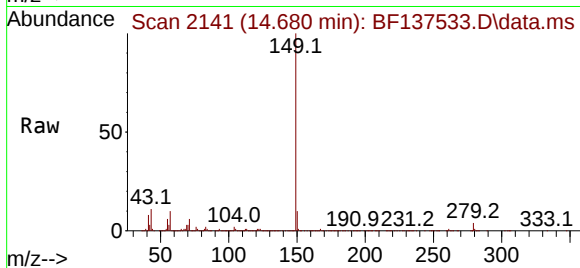
Tgt Ion:149 Resp: 1161424

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2297

Delta R.T. 0.030 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

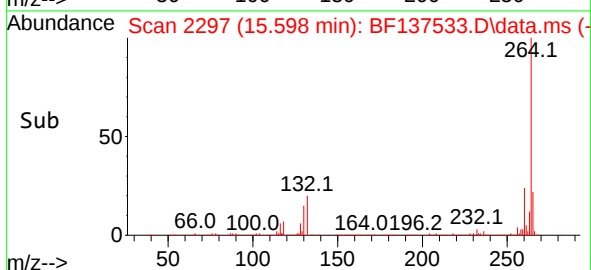
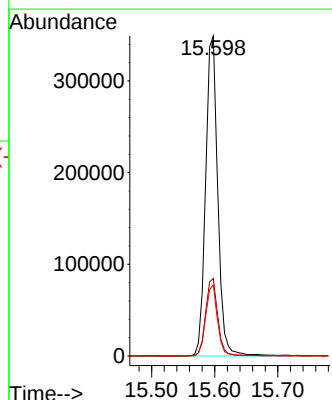
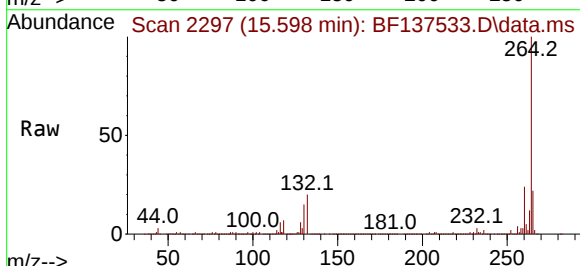
Tgt Ion:264 Resp: 467922

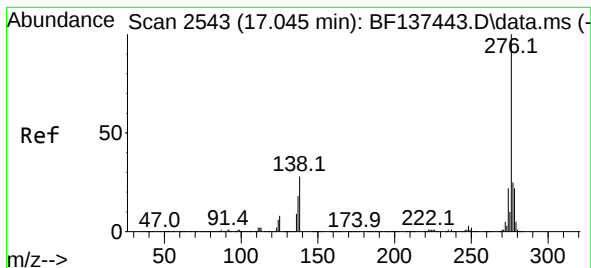
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.677 ng

RT: 17.198 min Scan# 2119

Delta R.T. 0.041 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

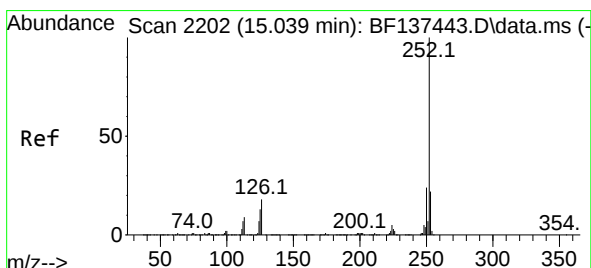
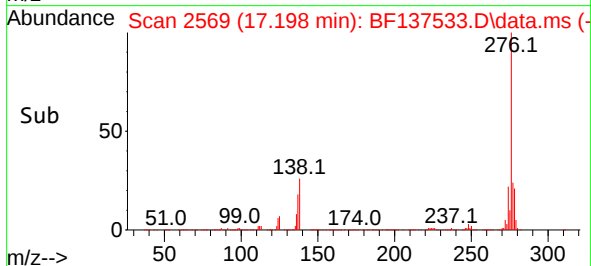
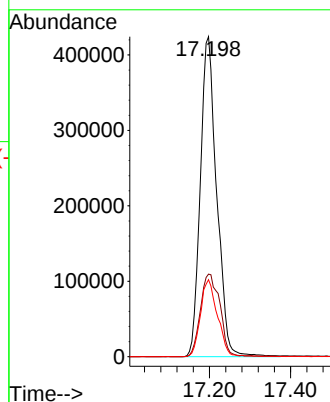
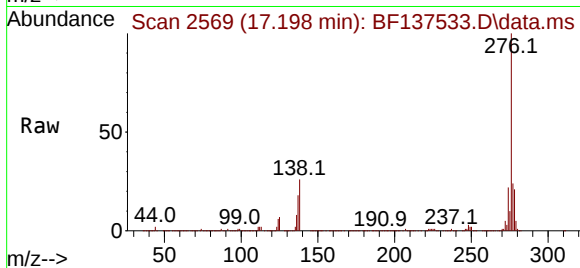
Tgt Ion:276 Resp: 1190957

Ion Ratio Lower Upper

276 100

138 30.5 25.8 38.8

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.432 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.024 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

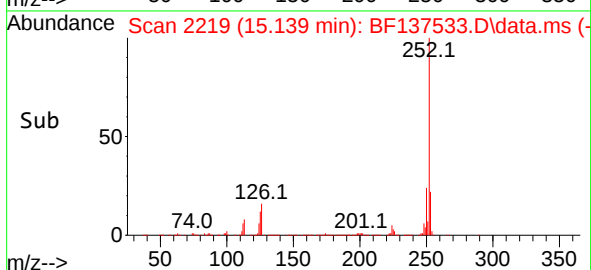
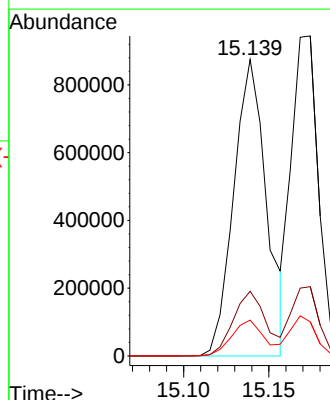
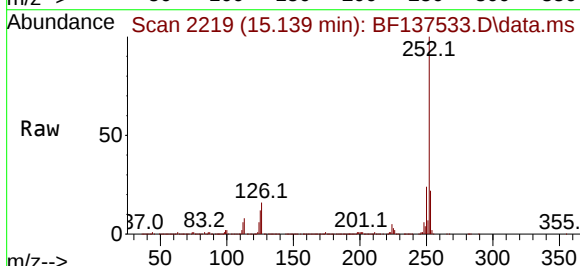
Tgt Ion:252 Resp: 1174501

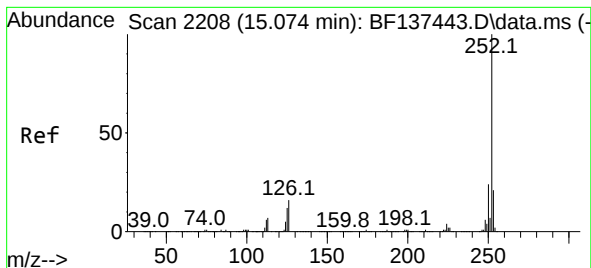
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 12.1 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 35.989 ng

RT: 15.174 min Scan# 2225

Delta R.T. 0.024 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

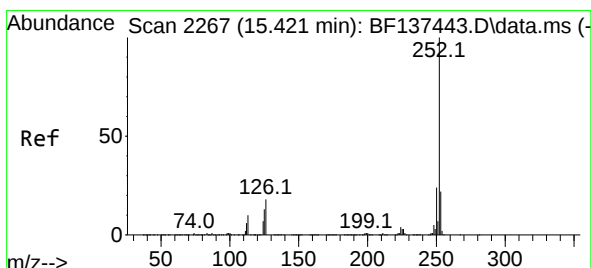
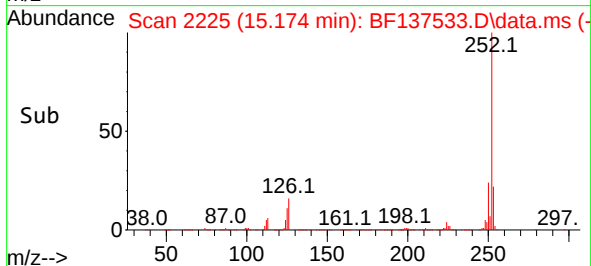
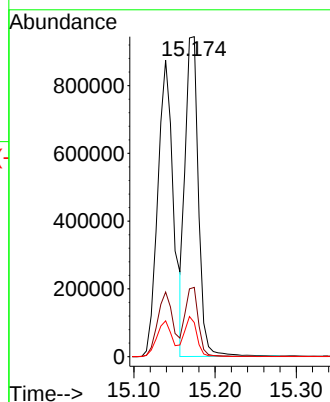
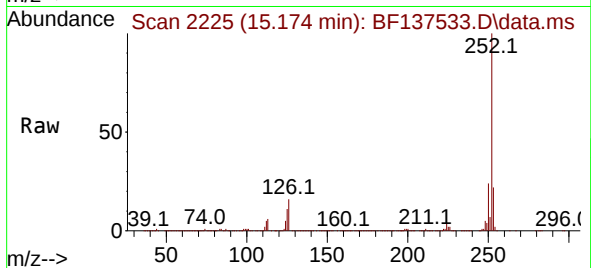
Tgt Ion:252 Resp: 1069978

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.6 9.6 14.4



#90

Benzo(a)pyrene

Concen: 39.951 ng

RT: 15.533 min Scan# 2286

Delta R.T. 0.029 min

Lab File: BF137533.D

Acq: 07 Mar 2024 16:48

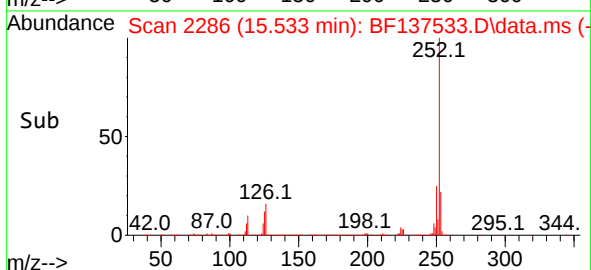
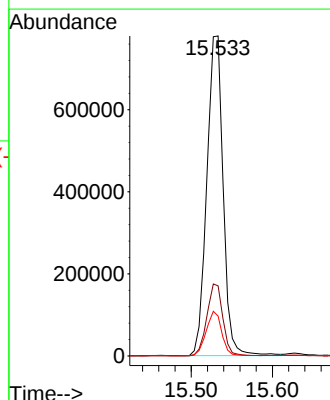
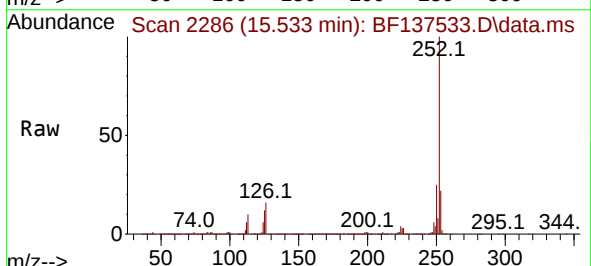
Tgt Ion:252 Resp: 1089742

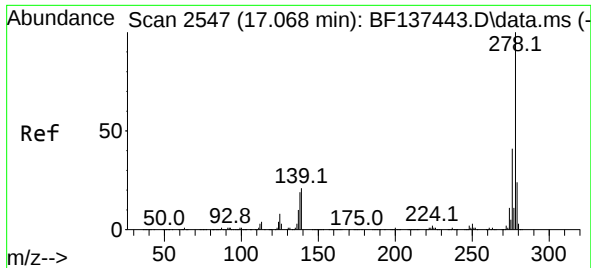
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 12.4 10.4 15.6

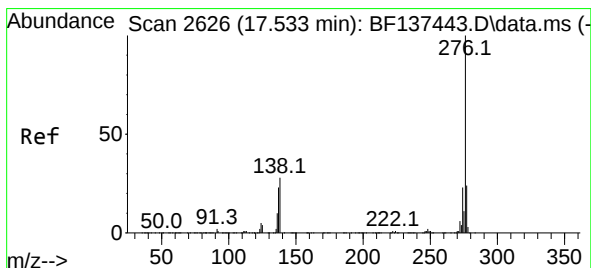
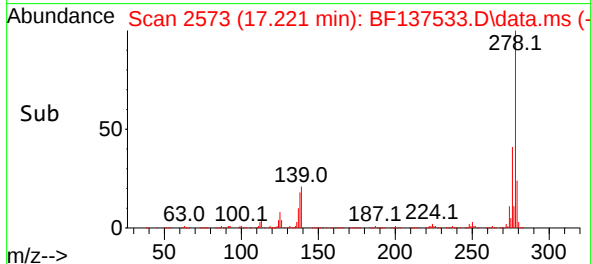
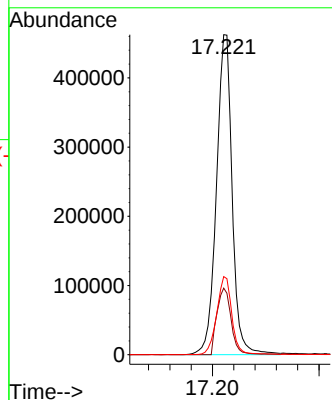
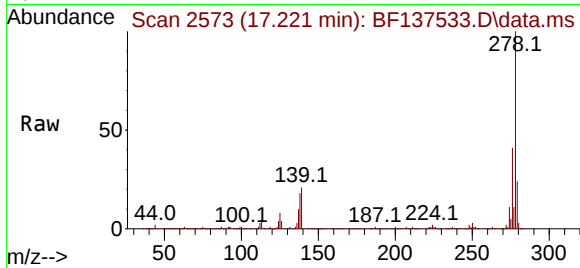




#91
Dibenzo(a,h)anthracene
Concen: 37.966 ng
RT: 17.221 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

Tgt Ion:278 Resp: 948364
Ion Ratio Lower Upper
278 100
139 20.8 17.0 25.6
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 33.634 ng
RT: 17.686 min Scan# 2652
Delta R.T. 0.047 min
Lab File: BF137533.D
Acq: 07 Mar 2024 16:48

Tgt Ion:276 Resp: 862830
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 25.6 22.2 33.2

