

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
 Data File : BF137683.D
 Acq On : 22 Mar 2024 15:56
 Operator : CG\JU
 Sample : P1827-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11933MSD

Quant Time: Mar 22 16:25:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	188887	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	725467	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	382075	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	568287	20.000	ng	0.00
76) Chrysene-d12	13.886	240	343820	20.000	ng	# 0.01
86) Perylene-d12	15.304	264	364762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	949475	76.131	ng	0.01
7) Phenol-d6	6.375	99	1261519	70.075	ng	0.00
23) Nitrobenzene-d5	7.298	82	791030	50.663	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	248701	74.122	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1149050	47.077	ng	0.00
79) Terphenyl-d14	12.827	244	831735	33.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	241058	35.349	ng	97
3) Pyridine	3.175	79	552533	33.596	ng	95
4) n-Nitrosodimethylamine	3.146	42	249822	38.332	ng	97
6) Aniline	6.393	93	390061	17.732	ng	# 68
8) 2-Chlorophenol	6.510	128	550131	41.821	ng	95
9) Benzaldehyde	6.275	77	100598	11.406	ng	97
10) Phenol	6.387	94	736755	38.023	ng	93
11) bis(2-Chloroethyl)ether	6.469	93	559072	39.374	ng	97
12) 1,3-Dichlorobenzene	6.669	146	577208	41.064	ng	96
13) 1,4-Dichlorobenzene	6.745	146	590575	41.064	ng	98
14) 1,2-Dichlorobenzene	6.898	146	556431	42.152	ng	96
15) Benzyl Alcohol	6.881	79	500670	44.673	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	816626	33.459	ng	91
17) 2-Methylphenol	6.993	107	432445	35.133	ng	96
18) Hexachloroethane	7.234	117	201977	42.651	ng	96
19) n-Nitroso-di-n-propyla...	7.145	70	401999	36.162	ng	99
20) 3+4-Methylphenols	7.145	107	519980	36.885	ng	98
22) Acetophenone	7.140	105	722545	41.164	ng	# 94
24) Nitrobenzene	7.316	77	618880	39.458	ng	97
25) Isophorone	7.551	82	1138348	38.376	ng	99
26) 2-Nitrophenol	7.628	139	281934	45.276	ng	98
27) 2,4-Dimethylphenol	7.675	122	381811	32.815	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	685544	39.390	ng	99
29) 2,4-Dichlorophenol	7.875	162	447976	41.951	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	477631	42.503	ng	99
31) Naphthalene	8.034	128	1532775	39.379	ng	99
32) Benzoic acid	7.822	122	270725	41.400	ng	97
33) 4-Chloroaniline	8.087	127	108603	7.116	ng	99
34) Hexachlorobutadiene	8.145	225	282542	42.587	ng	99
35) Caprolactam	8.492	113	33700	9.307	ng	92
36) 4-Chloro-3-methylphenol	8.581	107	477466	40.001	ng	99
37) 2-Methylnaphthalene	8.722	142	950608	38.310	ng	99
38) 1-Methylnaphthalene	8.822	142	878397	37.590	ng	100
40) 1,2,4,5-Tetrachloroben...	8.887	216	471052	44.161	ng	100
41) Hexachlorocyclopentadiene	8.875	237	228526	55.332	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	305827	44.028	ng	98

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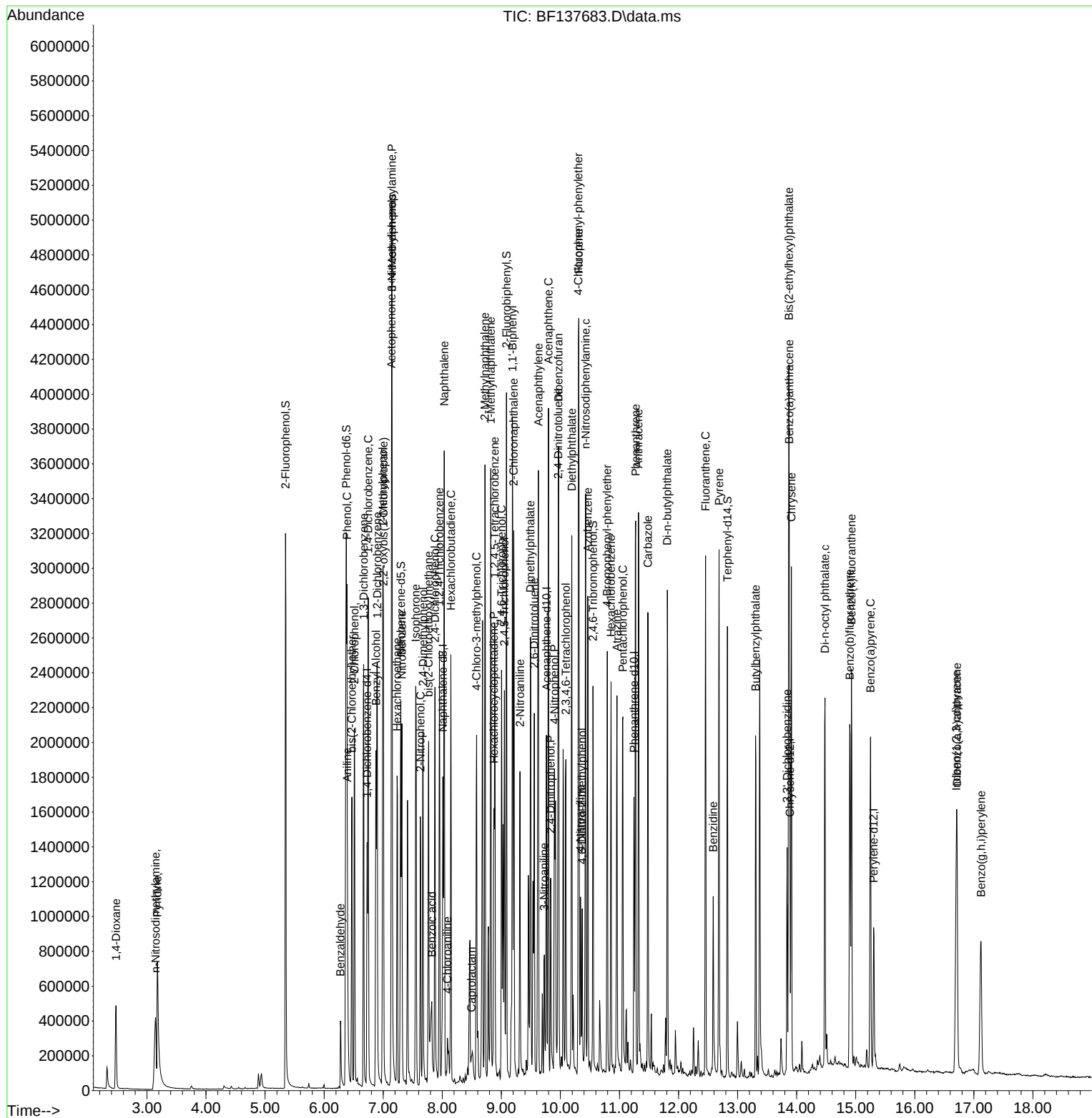
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	322171	40.263	ng	97
46) 1,1'-Biphenyl	9.187	154	1169534	41.822	ng	99
47) 2-Chloronaphthalene	9.210	162	900130	42.219	ng	98
48) 2-Nitroaniline	9.316	65	300414	41.455	ng	98
49) Acenaphthylene	9.628	152	1394644	40.874	ng	100
50) Dimethylphthalate	9.492	163	1095210	41.178	ng	99
51) 2,6-Dinitrotoluene	9.557	165	229827	41.314	ng	95
52) Acenaphthene	9.798	154	788255	38.697	ng	99
53) 3-Nitroaniline	9.728	138	121819	20.703	ng	88
54) 2,4-Dinitrophenol	9.834	184	156622	60.013	ng	93
55) Dibenzofuran	9.969	168	1181708	38.089	ng	99
56) 4-Nitrophenol	9.898	139	282420	68.172	ng	97
57) 2,4-Dinitrotoluene	9.963	165	281196	41.143	ng	95
58) Fluorene	10.310	166	910068	38.195	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	242688	37.822	ng	92
60) Diethylphthalate	10.192	149	1001193	39.863	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	454672	38.936	ng	98
62) 4-Nitroaniline	10.339	138	163599	32.349	ng	98
63) Azobenzene	10.463	77	1059715	36.642	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	120795	38.138	ng	87
66) n-Nitrosodiphenylamine	10.428	169	808846	44.200	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	281101	45.415	ng	96
68) Hexachlorobenzene	10.857	284	289184	46.257	ng	# 92
69) Atrazine	10.957	200	254086	45.674	ng	99
70) Pentachlorophenol	11.057	266	289589	76.626	ng	99
71) Phenanthrene	11.275	178	1260348	40.752	ng	100
72) Anthracene	11.322	178	1254465	39.493	ng	99
73) Carbazole	11.480	167	1032786	37.959	ng	100
74) Di-n-butylphthalate	11.810	149	1394746	43.086	ng	100
75) Fluoranthene	12.457	202	1180571	39.052	ng	98
77) Benzidine	12.586	184	427111	50.762	ng	97
78) Pyrene	12.686	202	1158870	34.351	ng	100
80) Butylbenzylphthalate	13.304	149	449301	52.148	ng	100
81) Benzo(a)anthracene	13.874	228	1004956	41.703	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	282360	44.000	ng	98
83) Chrysene	13.910	228	993004	40.771	ng	100
84) Bis(2-ethylhexyl)phtha...	13.869	149	611971	55.883	ng	# 98
85) Di-n-octyl phthalate	14.480	149	1152428	53.832	ng	96
87) Indeno(1,2,3-cd)pyrene	16.704	276	821509	34.224	ng	96
88) Benzo(b)fluoranthene	14.898	252	1070268	49.602	ng	98
89) Benzo(k)fluoranthene	14.927	252	908787	39.213	ng	99
90) Benzo(a)pyrene	15.251	252	905457	42.583	ng	98
91) Dibenzo(a,h)anthracene	16.715	278	648176	33.287	ng	96
92) Benzo(g,h,i)perylene	17.121	276	601533	30.080	ng	96

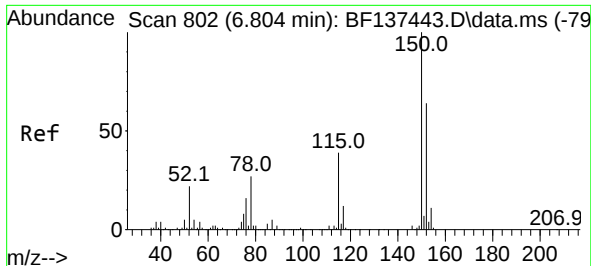
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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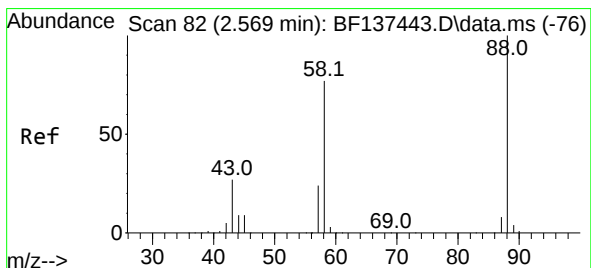
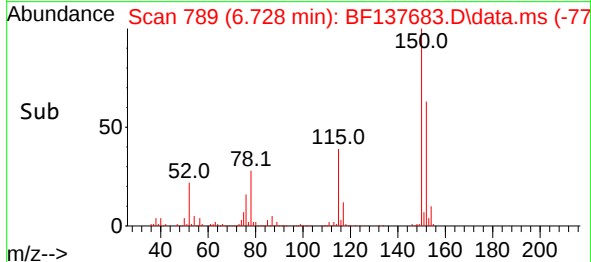
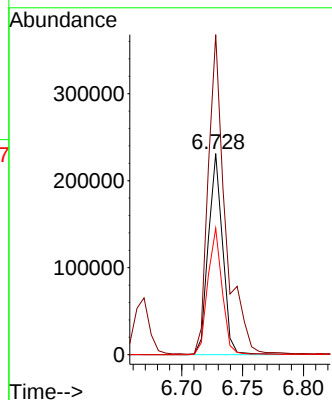
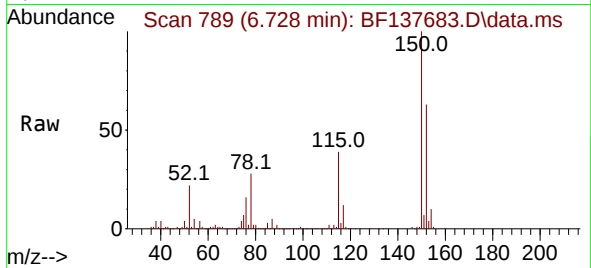




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137683.D
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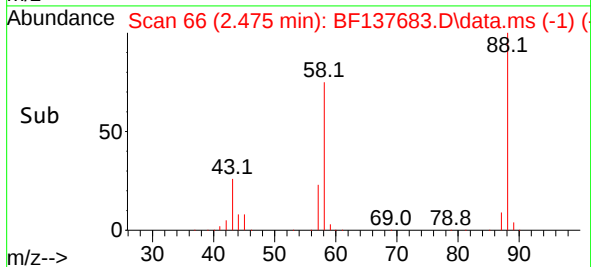
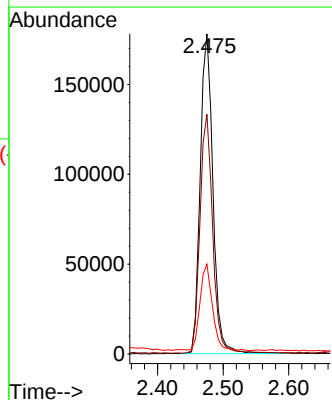
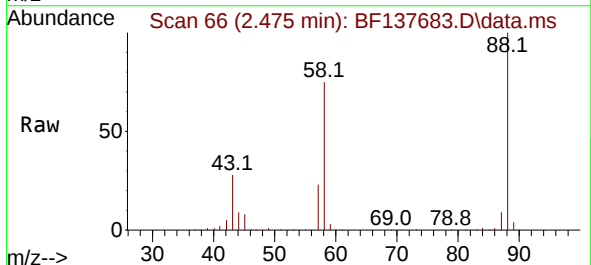
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 ClientSampleId :
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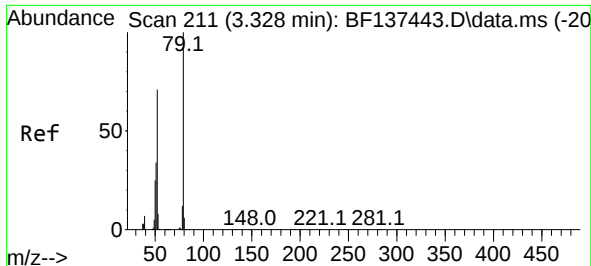
Tgt Ion:152 Resp: 188887
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.8 188.6
 115 62.8 48.8 73.2



#2
 1,4-Dioxane
 Concen: 35.349 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.106 min
 Lab File: BF137683.D
 Acq: 22 Mar 2024 15:56

Tgt Ion: 88 Resp: 241058
 Ion Ratio Lower Upper
 88 100
 58 74.4 61.8 92.8
 43 26.5 22.2 33.4

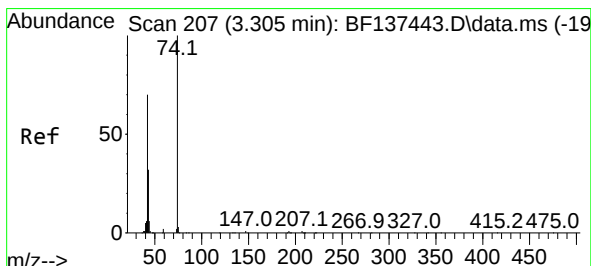
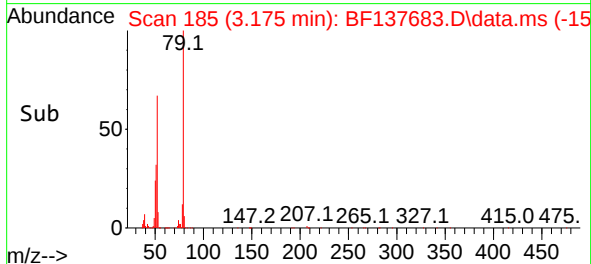
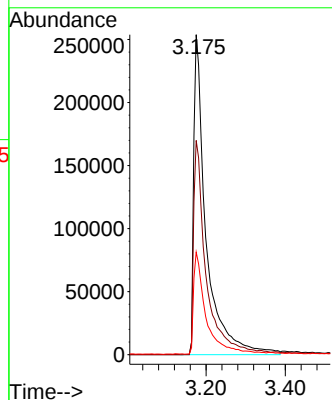
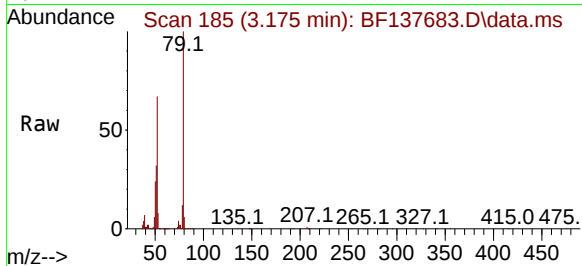




#3
 Pyridine
 Concen: 33.596 ng
 RT: 3.175 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: BF137683.D
 Acq: 22 Mar 2024 15:56

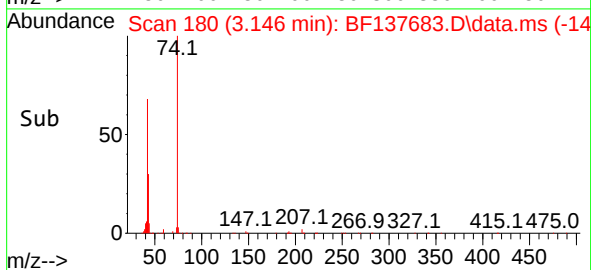
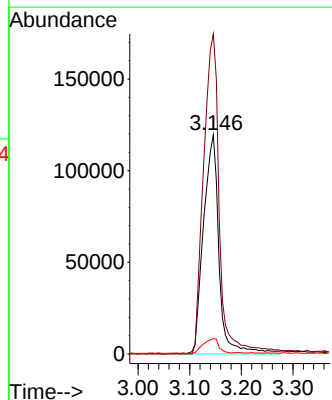
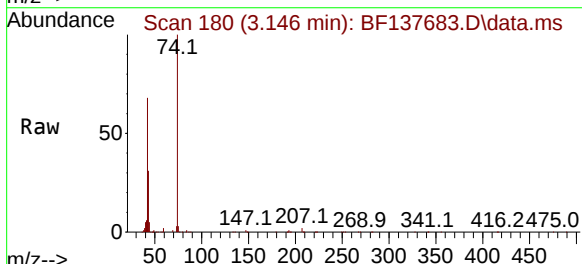
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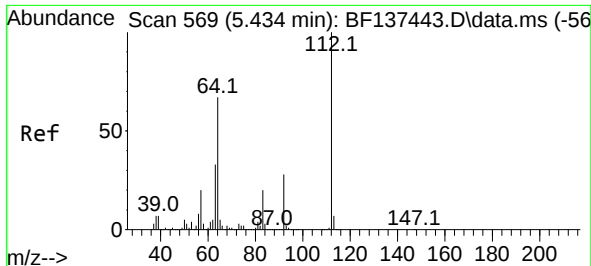
Tgt Ion: 79 Resp: 552533
 Ion Ratio Lower Upper
 79 100
 52 66.9 57.0 85.4
 51 32.0 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 38.332 ng
 RT: 3.146 min Scan# 180
 Delta R.T. 0.106 min
 Lab File: BF137683.D
 Acq: 22 Mar 2024 15:56

Tgt Ion: 42 Resp: 249822
 Ion Ratio Lower Upper
 42 100
 74 146.0 114.0 171.0
 44 7.0 7.0 10.4

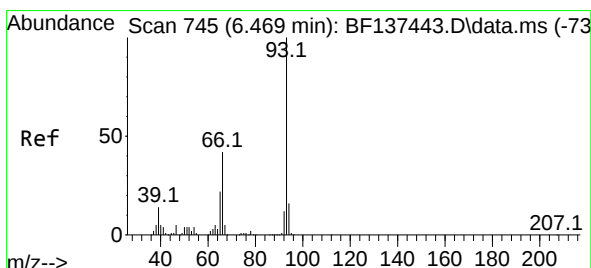
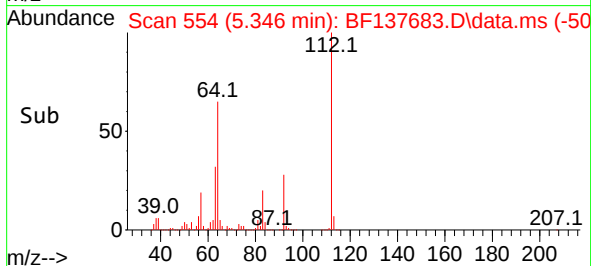
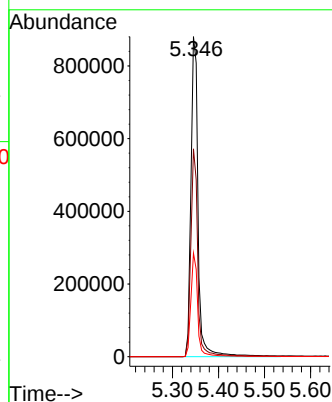
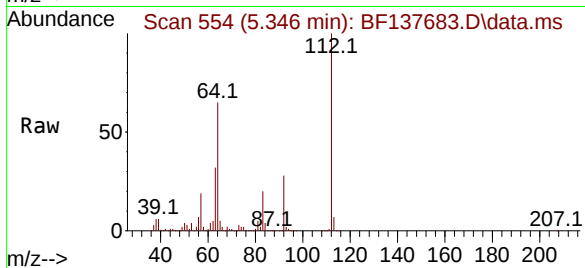




#5
2-Fluorophenol
Concen: 76.131 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

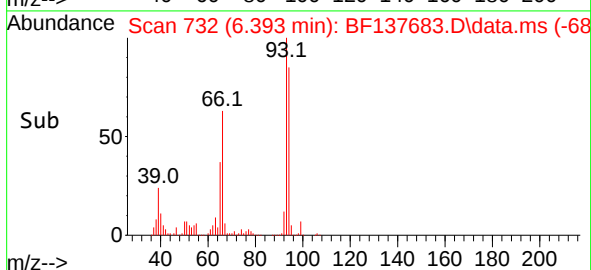
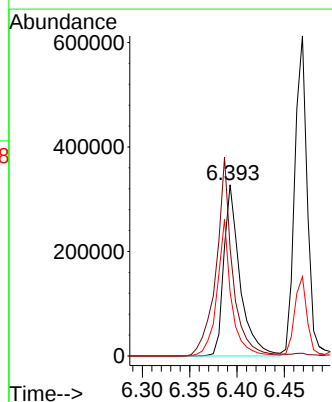
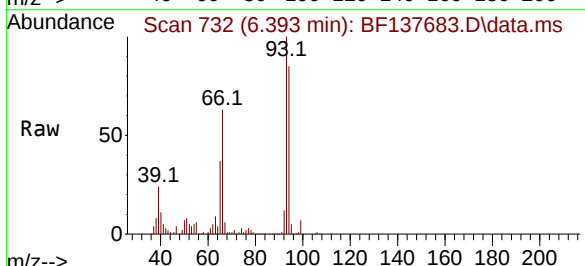
Instrument :
BNA_F
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Tgt Ion:112 Resp: 949475
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 32.3 26.2 39.2



#6
Aniline
Concen: 17.732 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 93 Resp: 390061
Ion Ratio Lower Upper
93 100
66 62.8 34.0 51.0#
65 37.2 17.8 26.8#

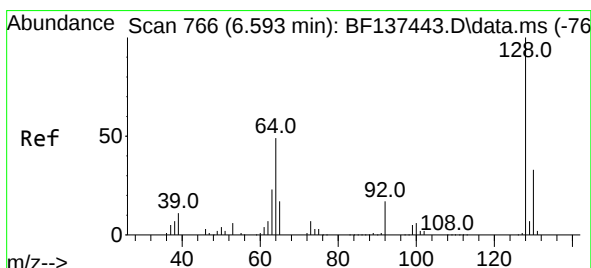
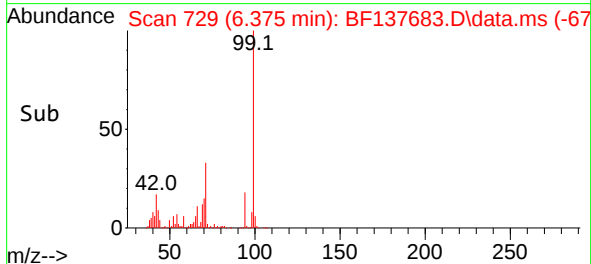
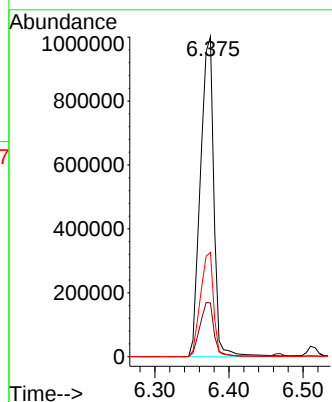
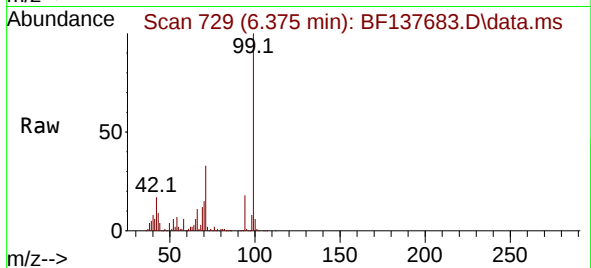




#7
Phenol-d6
Concen: 70.075 ng
RT: 6.375 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

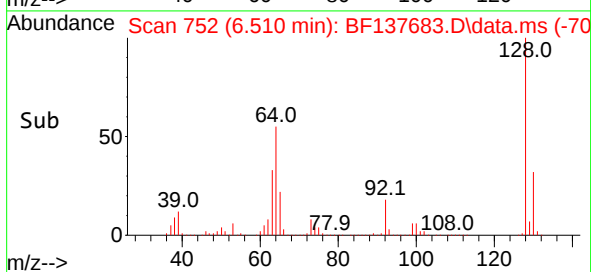
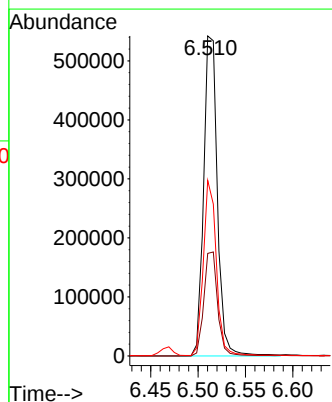
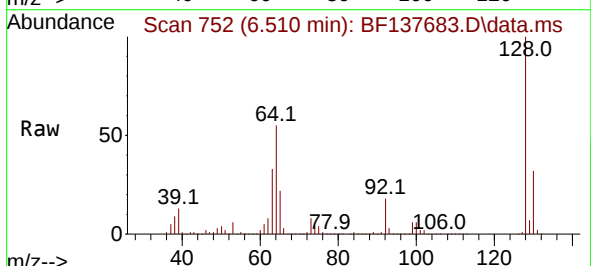
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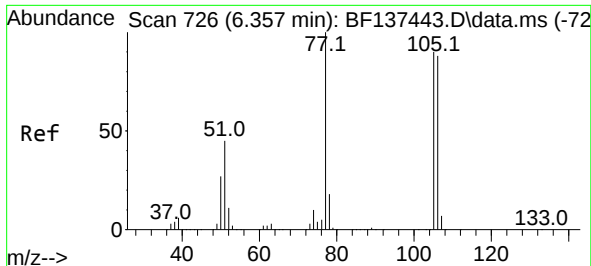
Tgt Ion: 99 Resp: 1261519
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 32.6 25.3 37.9



#8
2-Chlorophenol
Concen: 41.821 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 128 Resp: 550131
Ion Ratio Lower Upper
128 100
130 32.1 13.4 53.4
64 54.9 30.0 70.0





#9

Benzaldehyde

Concen: 11.406 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

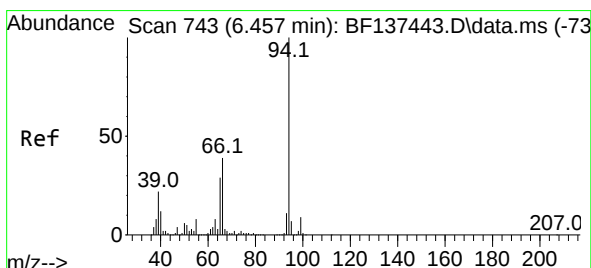
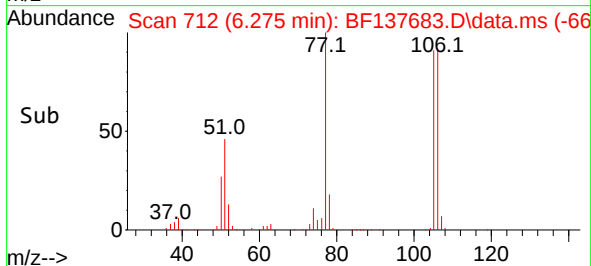
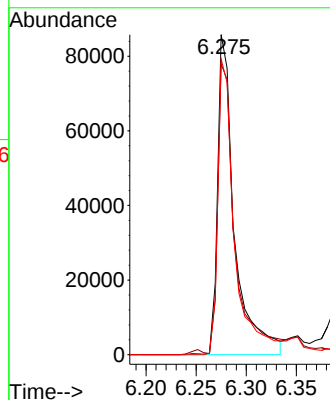
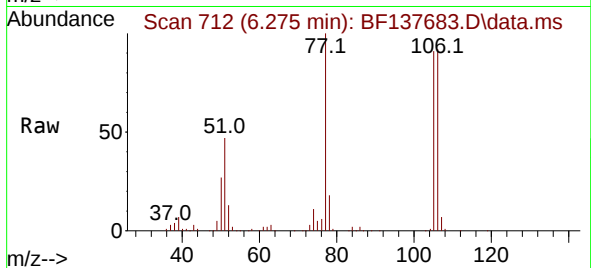
Tgt Ion: 77 Resp: 100598

Ion Ratio Lower Upper

77 100

105 90.9 69.8 109.8

106 92.3 67.8 107.8



#10

Phenol

Concen: 38.023 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

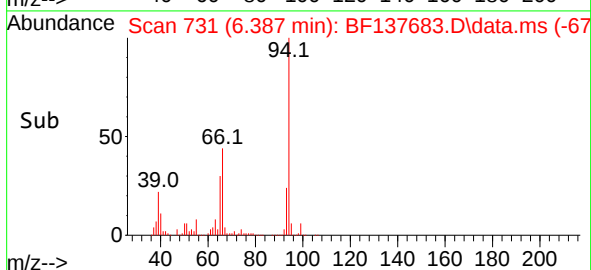
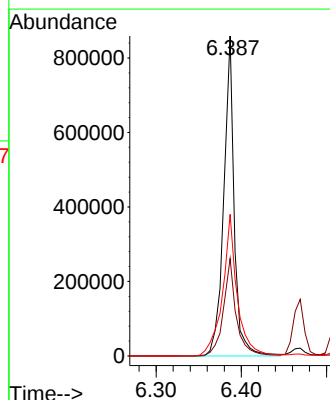
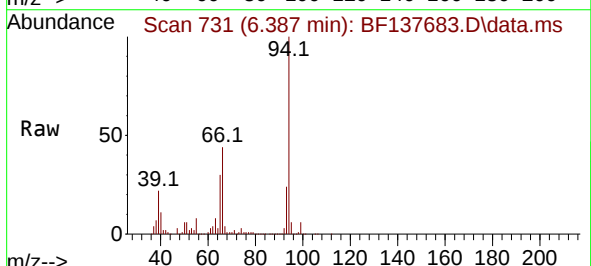
Tgt Ion: 94 Resp: 736755

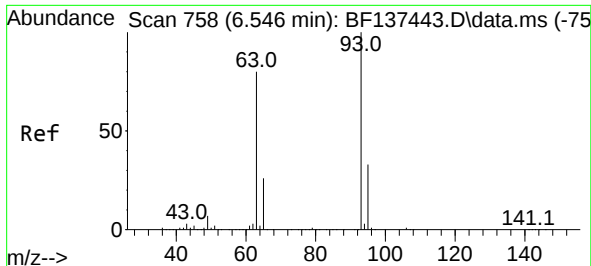
Ion Ratio Lower Upper

94 100

65 30.4 8.7 48.7

66 44.2 18.6 58.6

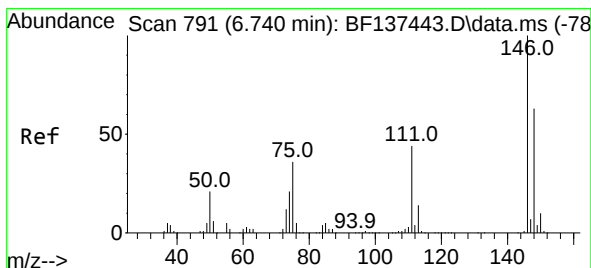
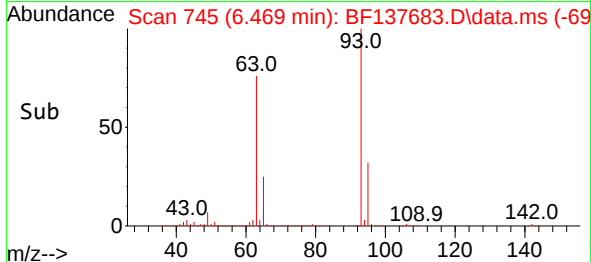
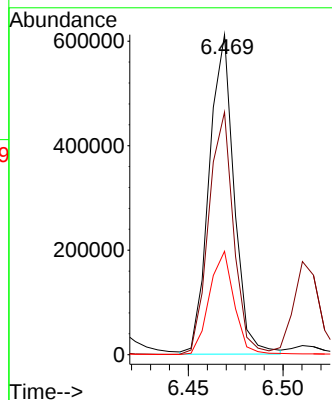
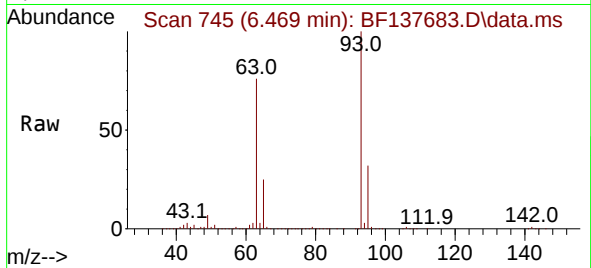




#11
bis(2-Chloroethyl)ether
Concen: 39.374 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

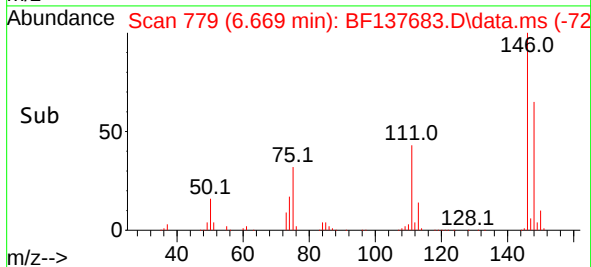
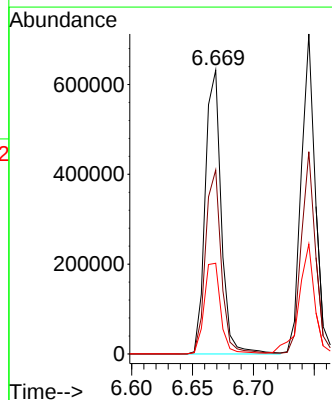
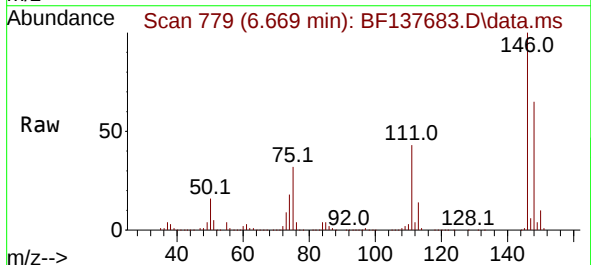
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

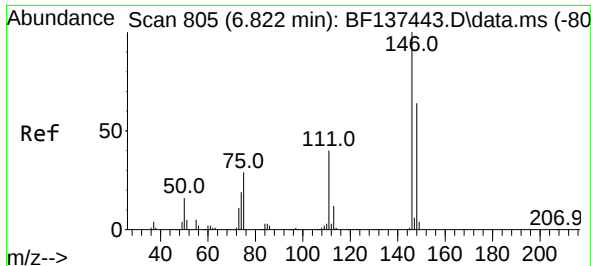
Tgt Ion: 93 Resp: 559072
Ion Ratio Lower Upper
93 100
63 75.8 58.9 98.9
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.064 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 146 Resp: 577208
Ion Ratio Lower Upper
146 100
148 64.9 50.3 75.5
75 32.0 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 41.064 ng

RT: 6.745 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

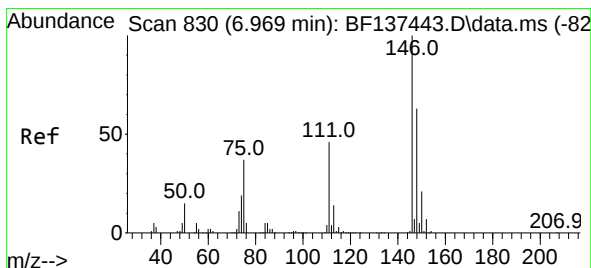
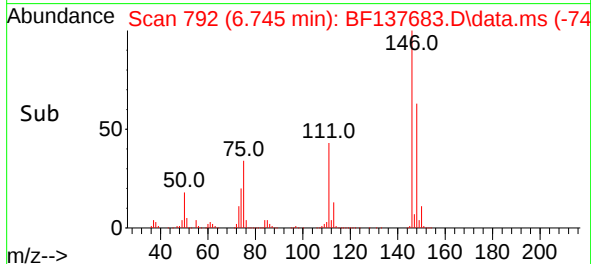
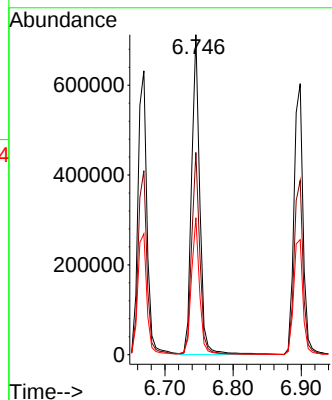
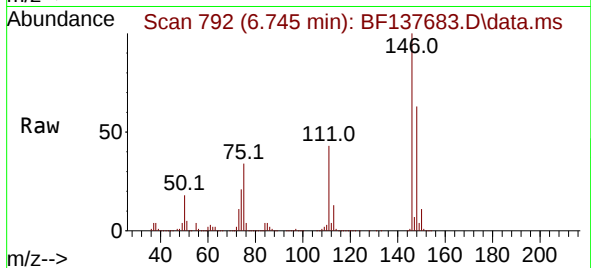
Tgt Ion:146 Resp: 590575

Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

111 42.8 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 42.152 ng

RT: 6.898 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

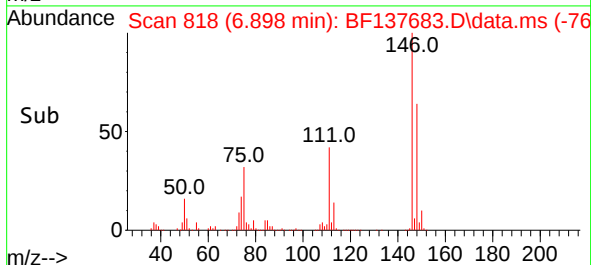
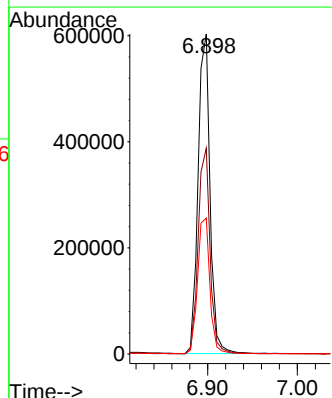
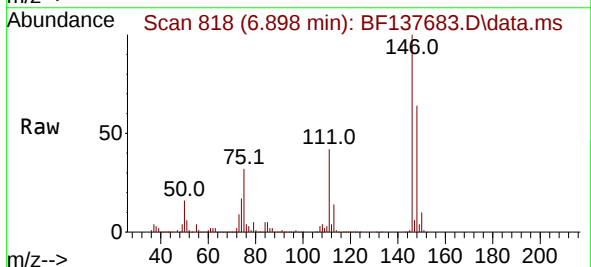
Tgt Ion:146 Resp: 556431

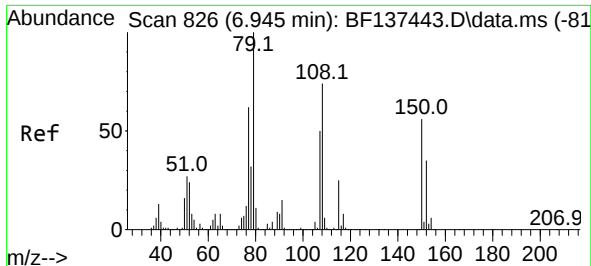
Ion Ratio Lower Upper

146 100

148 64.3 50.0 75.0

111 42.5 36.8 55.2

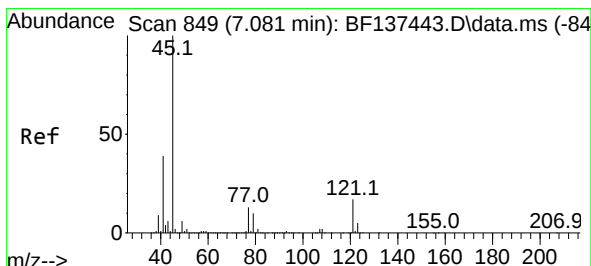
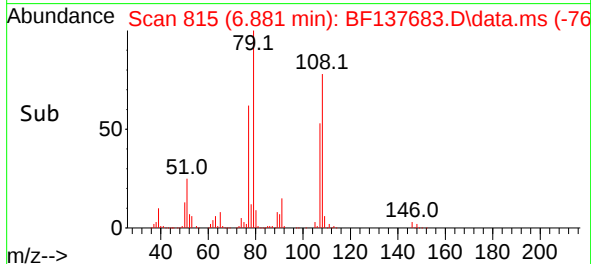
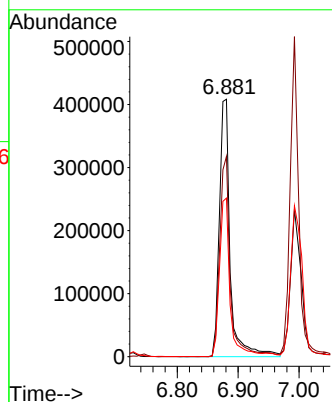
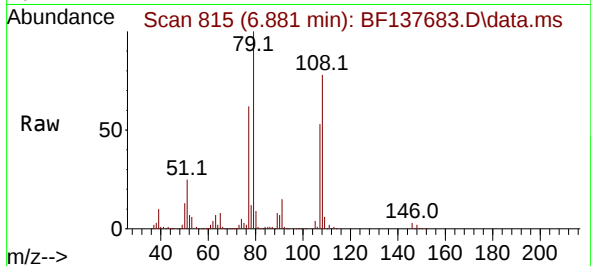




#15
Benzyl Alcohol
Concen: 44.673 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

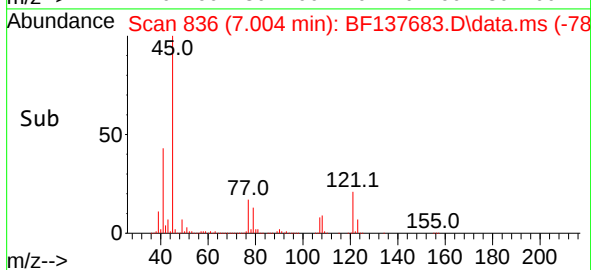
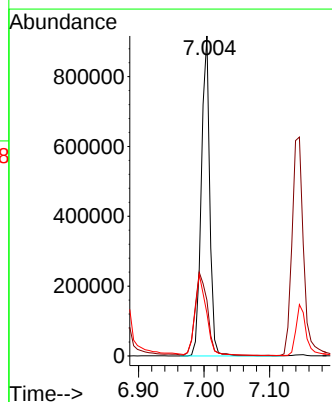
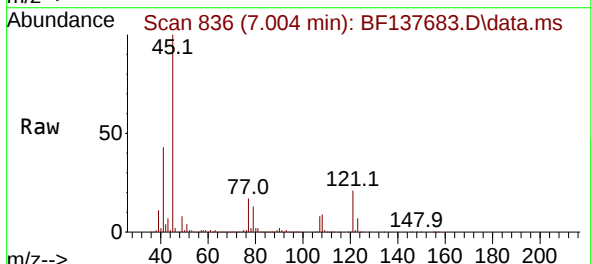
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

Tgt Ion: 79 Resp: 500670
Ion Ratio Lower Upper
79 100
108 77.8 59.5 89.3
77 61.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.459 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 45 Resp: 816626
Ion Ratio Lower Upper
45 100
77 17.5 0.0 33.4
79 13.4 0.0 30.9

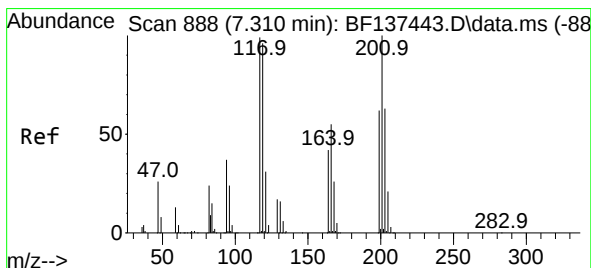
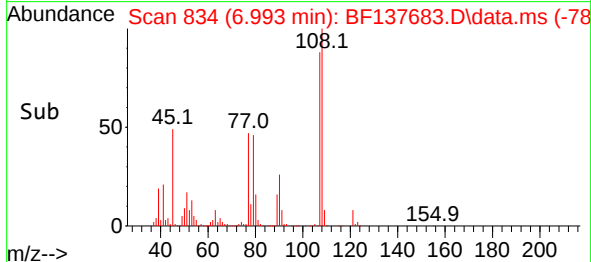
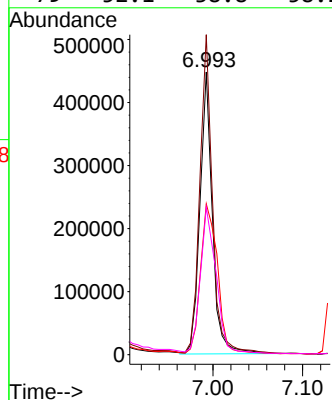
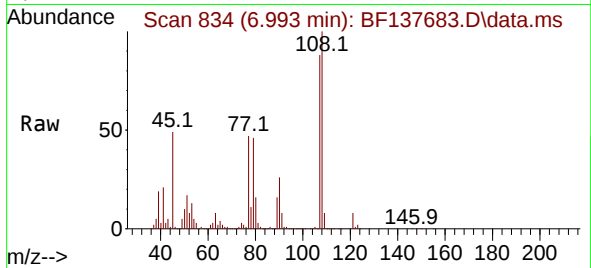




#17
2-Methylphenol
Concen: 35.133 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

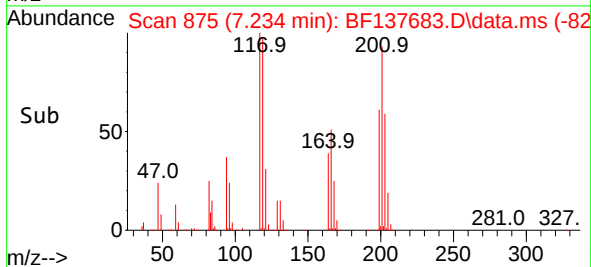
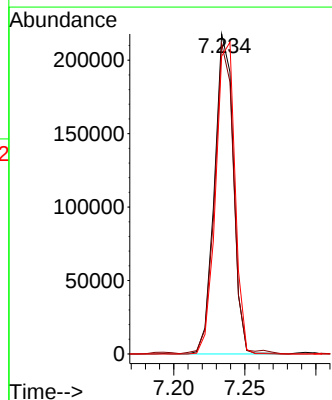
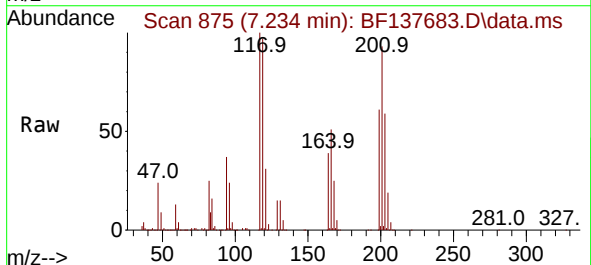
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

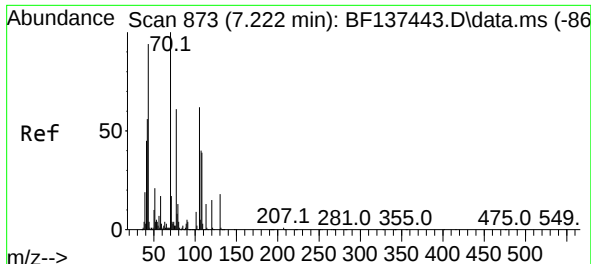
Tgt Ion:107 Resp: 432445
Ion Ratio Lower Upper
107 100
108 113.2 92.2 138.4
77 53.4 38.6 57.8
79 52.1 38.8 58.2



#18
Hexachloroethane
Concen: 42.651 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:117 Resp: 201977
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3
201 93.1 80.6 121.0



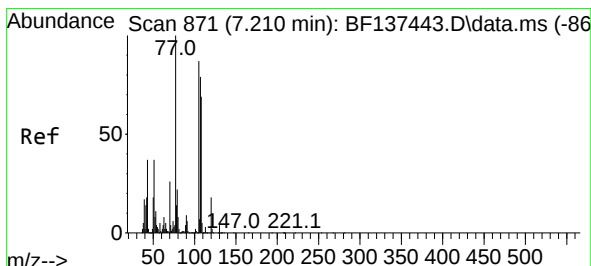
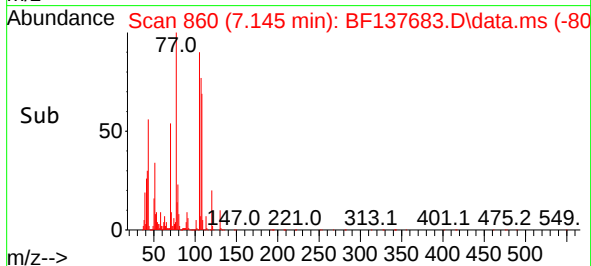
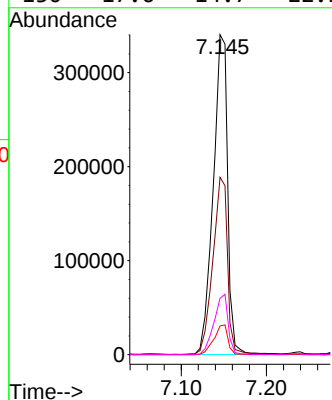
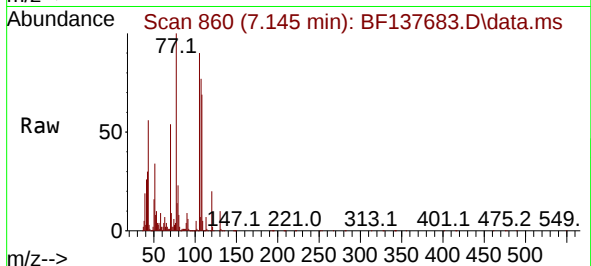


#19
n-Nitroso-di-n-propylamine
Concen: 36.162 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD

Tgt Ion: 70 Resp: 401999

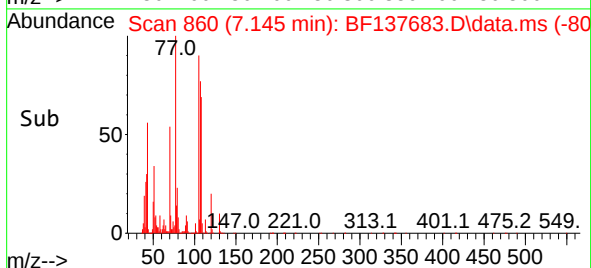
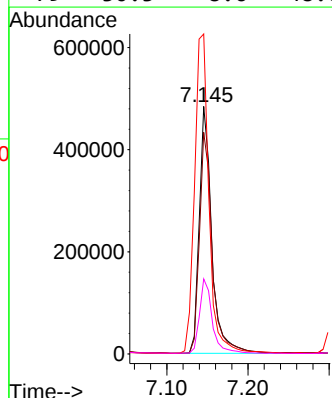
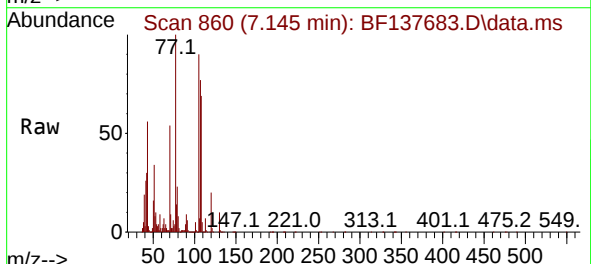
Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.2	67.8
101	9.0	7.3	10.9
130	17.6	14.7	22.1

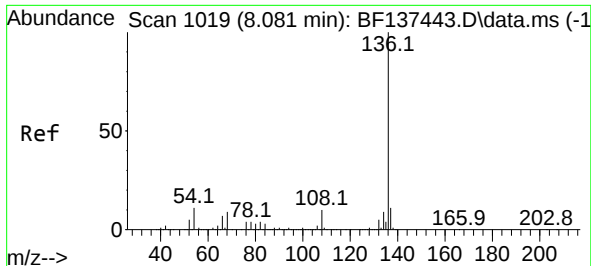


#20
3+4-Methylphenols
Concen: 36.885 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 107 Resp: 519980

Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.6	107.6
77	129.3	107.1	147.1
79	30.3	8.6	48.6



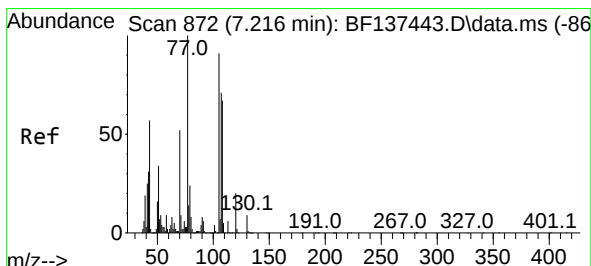
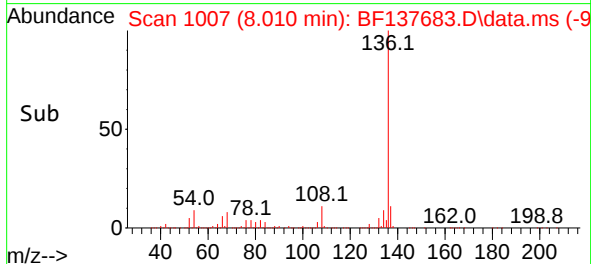
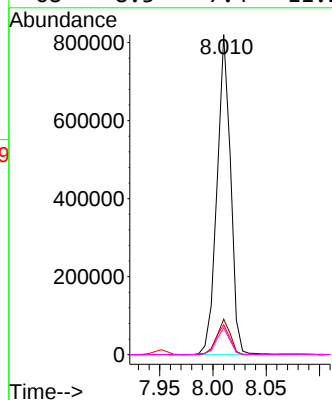
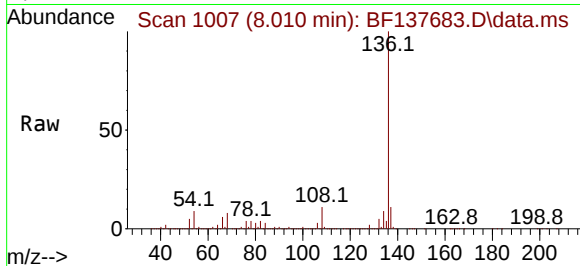


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD

Tgt Ion:136 Resp: 725467

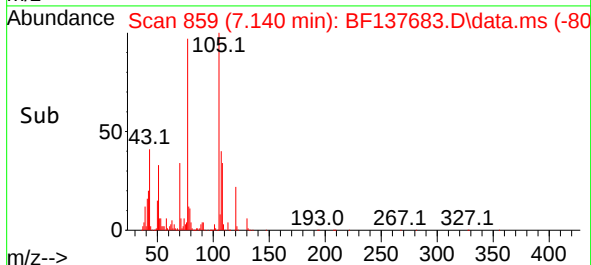
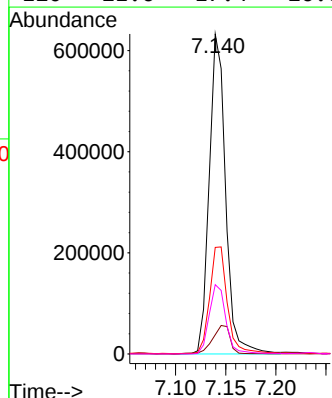
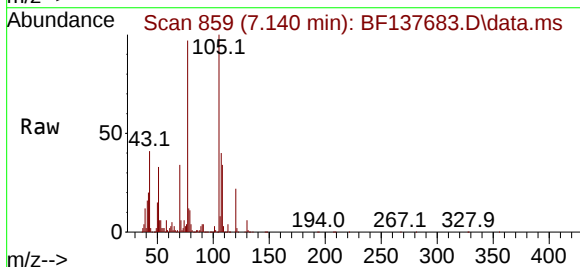
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.3	8.5	12.7
68	8.3	7.4	11.2

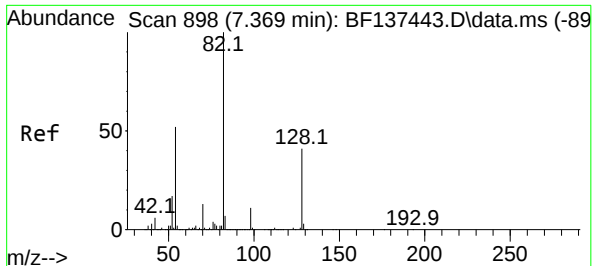


#22
Acetophenone
Concen: 41.164 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:105 Resp: 722545

Ion	Ratio	Lower	Upper
105	100		
71	6.0	7.7	11.5#
51	33.3	30.4	45.6
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 50.663 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

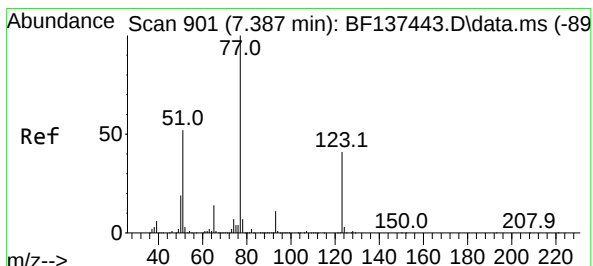
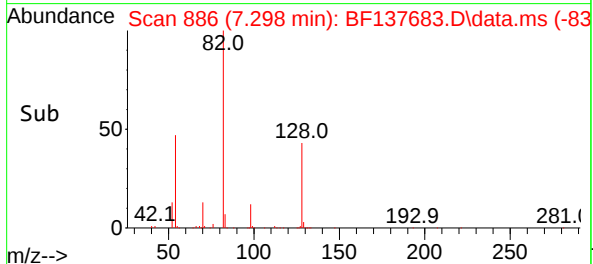
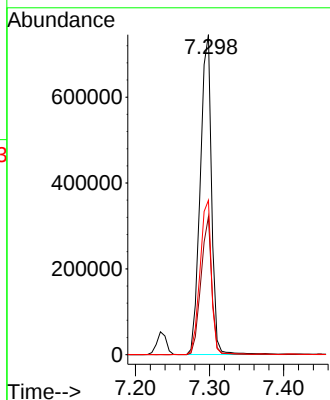
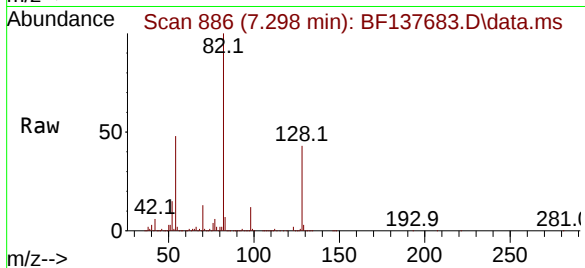
Tgt Ion: 82 Resp: 791030

Ion Ratio Lower Upper

82 100

128 43.1 32.5 48.7

54 48.3 41.5 62.3



#24

Nitrobenzene

Concen: 39.458 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

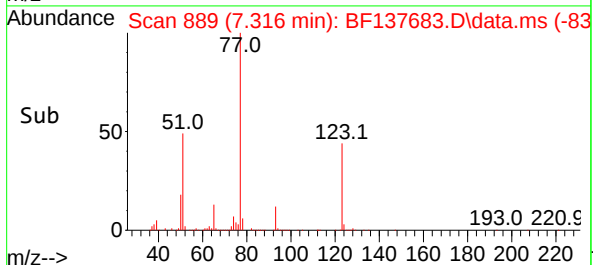
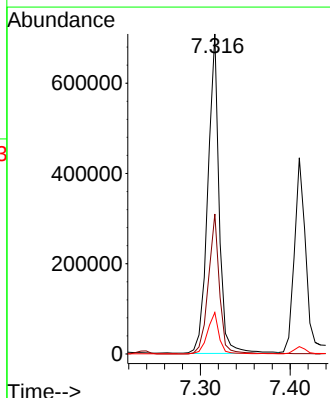
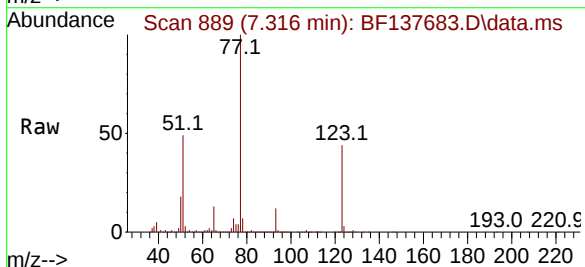
Tgt Ion: 77 Resp: 618880

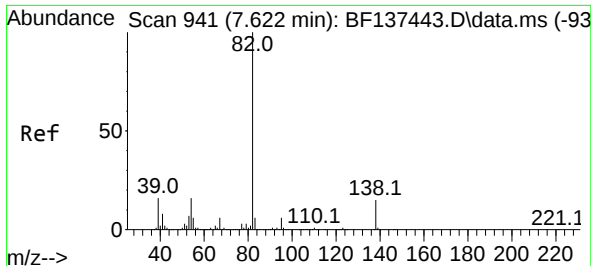
Ion Ratio Lower Upper

77 100

123 43.8 33.0 49.6

65 13.0 10.9 16.3

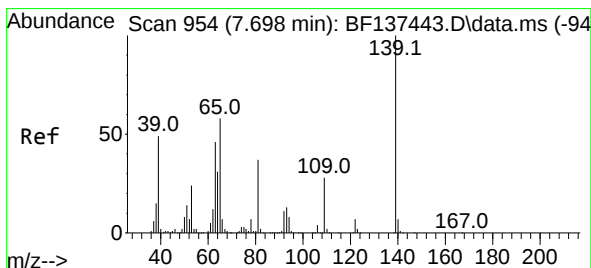
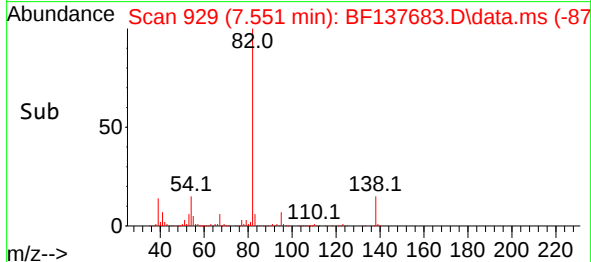
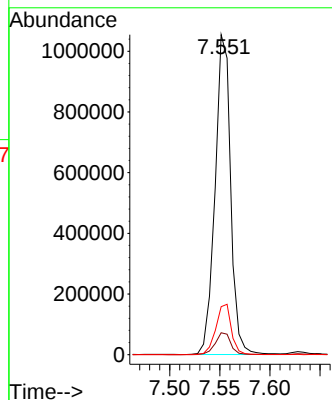
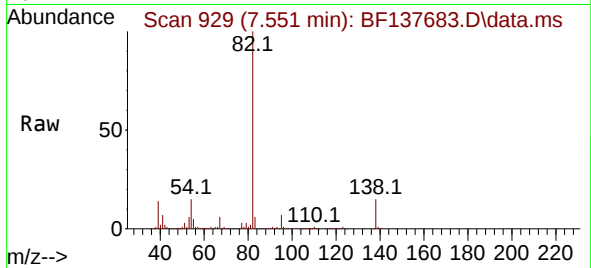




#25
Isophorone
Concen: 38.376 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

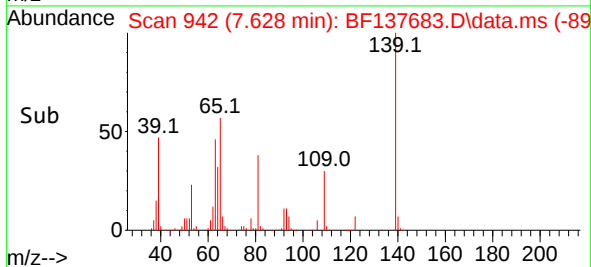
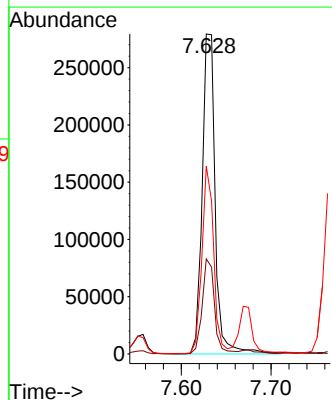
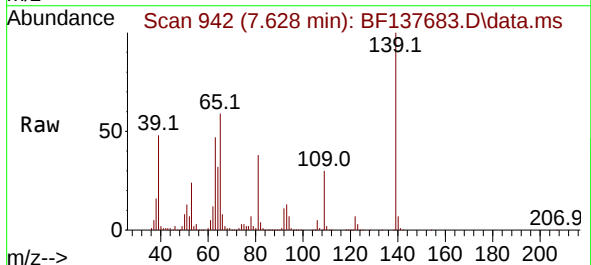
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

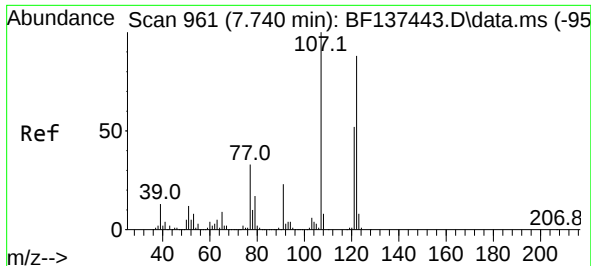
Tgt Ion: 82 Resp: 1138348
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 15.0 11.8 17.8



#26
2-Nitrophenol
Concen: 45.276 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:139 Resp: 281934
Ion Ratio Lower Upper
139 100
109 29.7 22.2 33.4
65 58.7 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 32.815 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

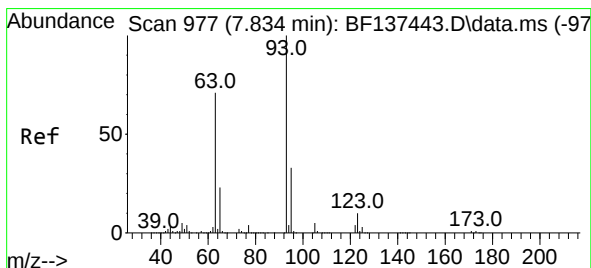
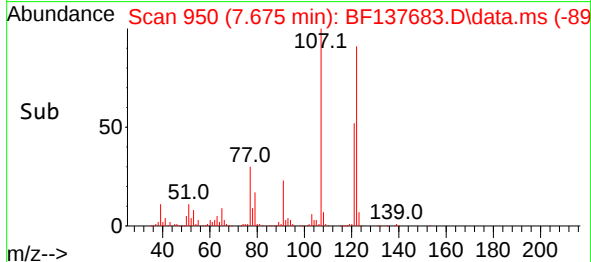
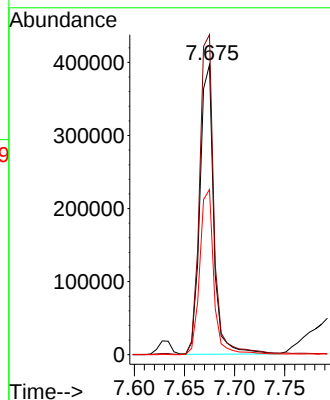
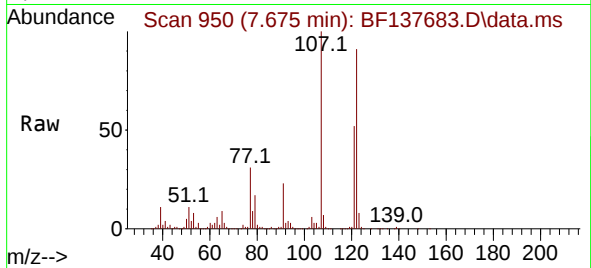
Tgt Ion:122 Resp: 381811

Ion Ratio Lower Upper

122 100

107 110.4 90.9 136.3

121 57.0 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.390 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

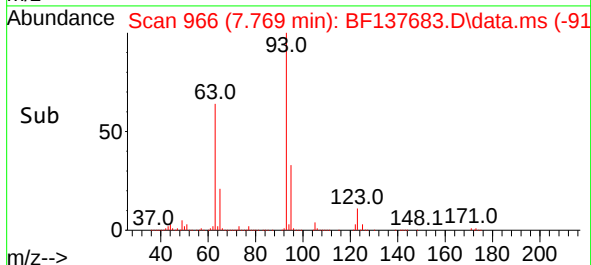
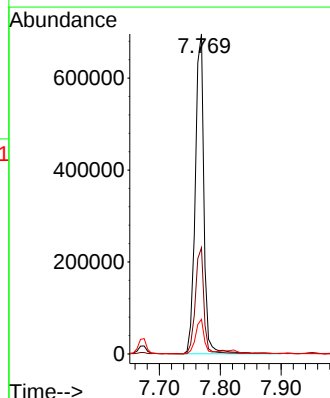
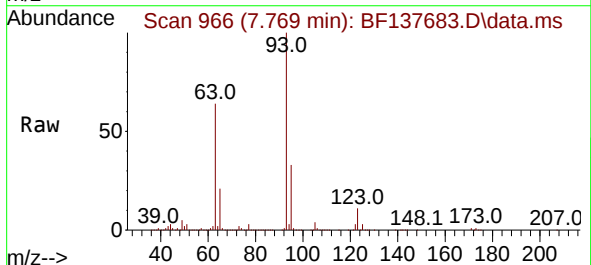
Tgt Ion: 93 Resp: 685544

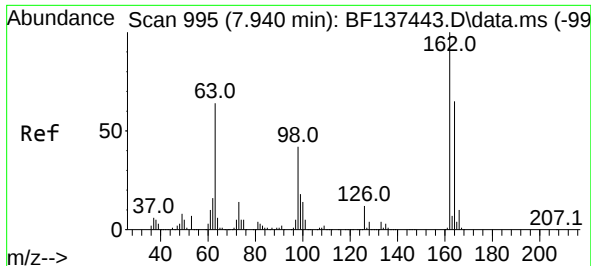
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 10.8 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 41.951 ng

RT: 7.875 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

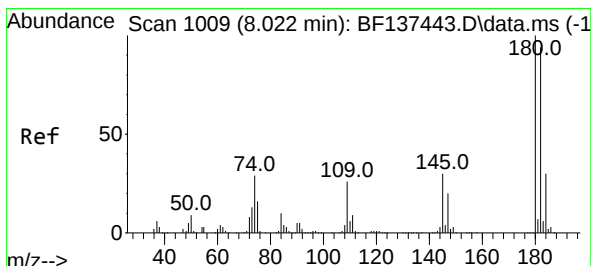
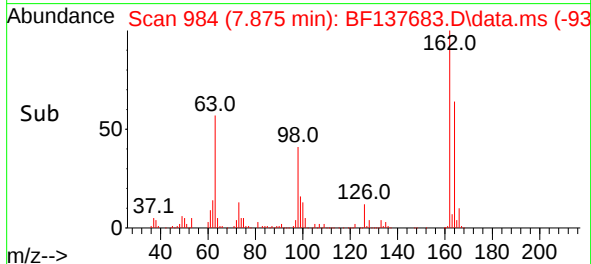
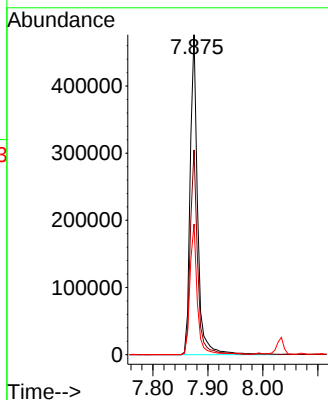
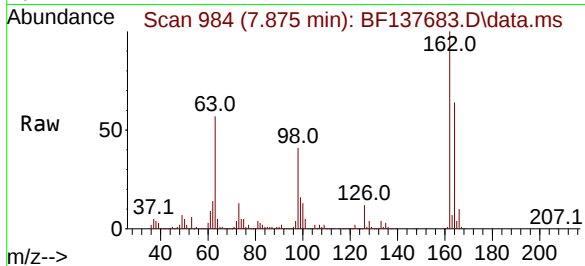
Tgt Ion:162 Resp: 447976

Ion Ratio Lower Upper

162 100

164 64.0 44.7 84.7

98 40.8 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 42.503 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

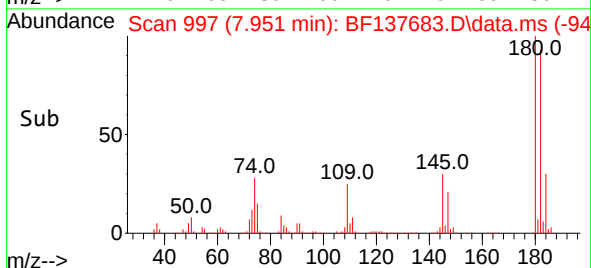
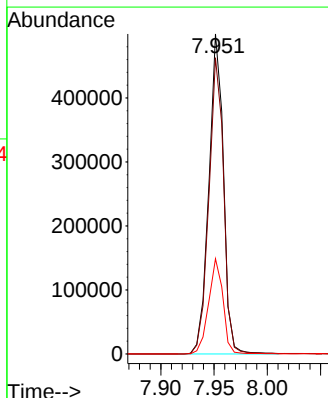
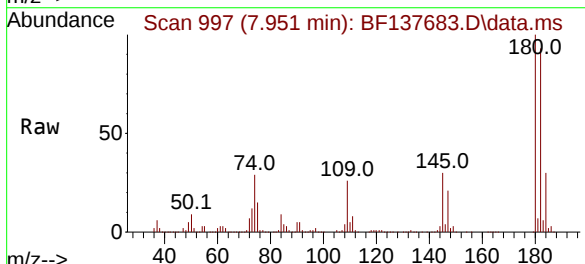
Tgt Ion:180 Resp: 477631

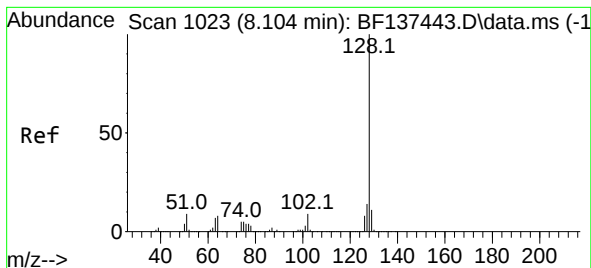
Ion Ratio Lower Upper

180 100

182 92.6 75.0 112.6

145 29.8 23.7 35.5





#31

Naphthalene

Concen: 39.379 ng

RT: 8.034 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

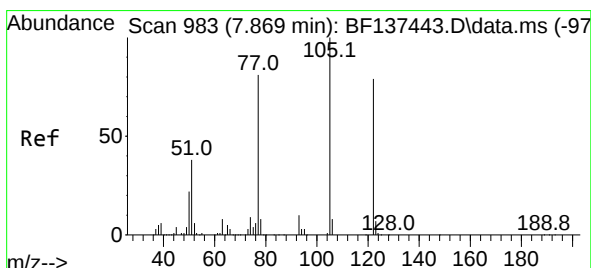
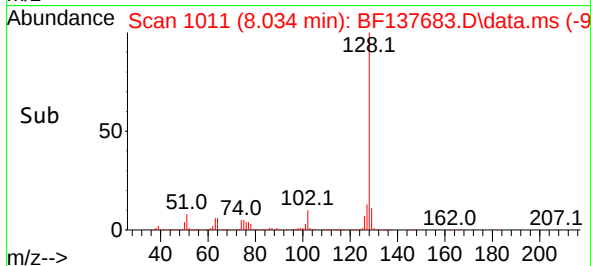
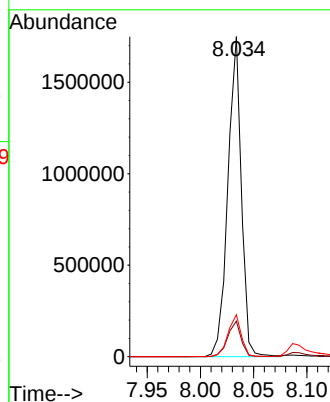
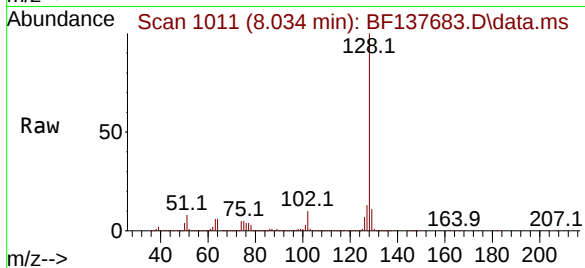
Tgt Ion:128 Resp: 1532775

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 41.400 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.024 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

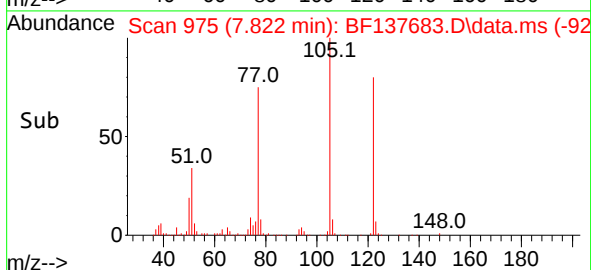
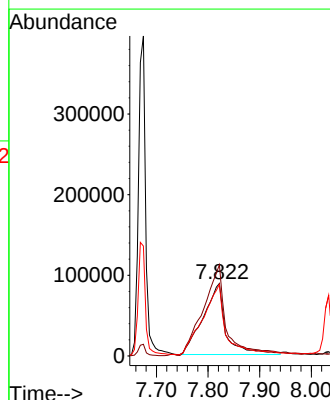
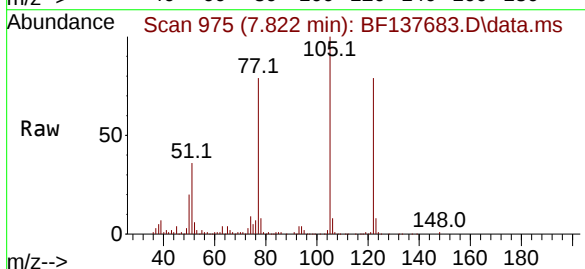
Tgt Ion:122 Resp: 270725

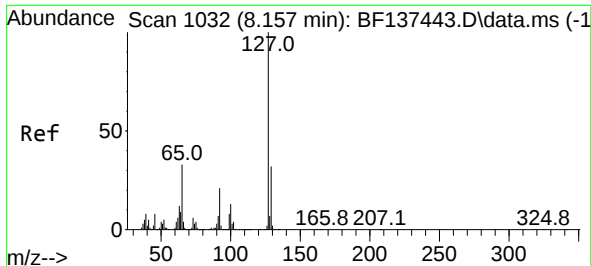
Ion Ratio Lower Upper

122 100

105 125.8 102.4 142.4

77 98.8 81.1 121.1

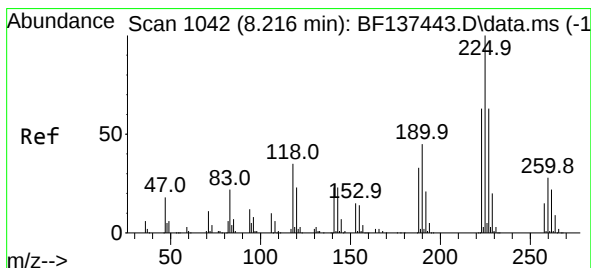
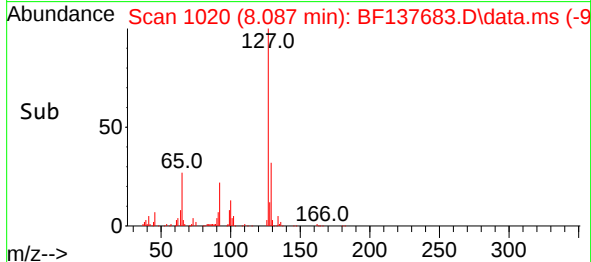
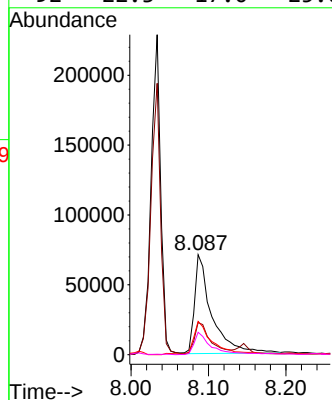
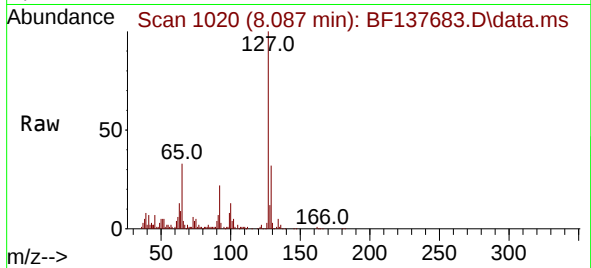




#33
4-Chloroaniline
Concen: 7.116 ng
RT: 8.087 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

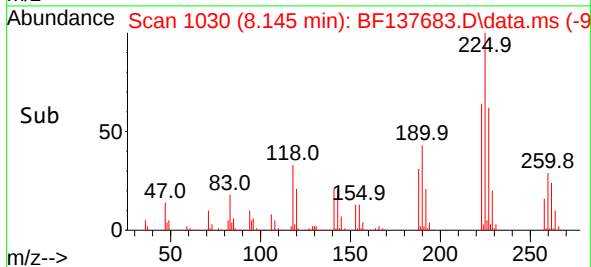
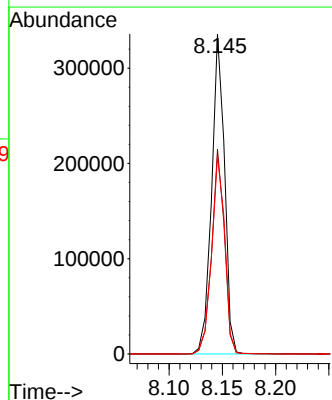
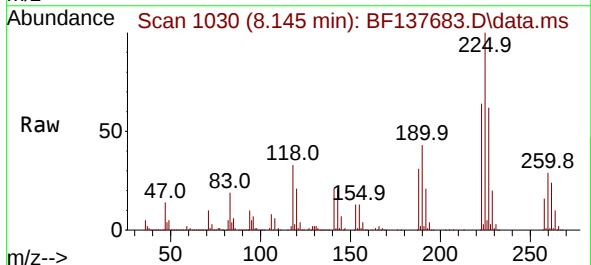
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

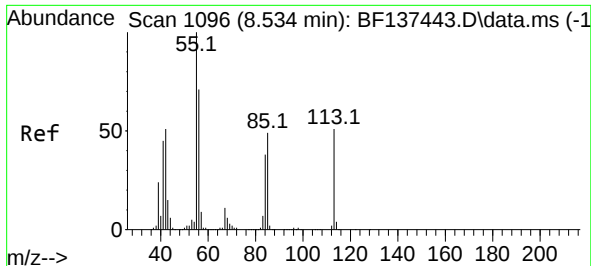
Tgt Ion:	127	Resp:	108603
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	33.3	26.8	40.2
92	22.3	17.0	25.6



#34
Hexachlorobutadiene
Concen: 42.587 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:	225	Resp:	282542
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.7	76.1
227	61.9	50.6	75.8

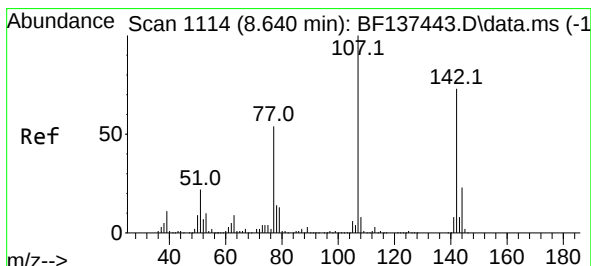
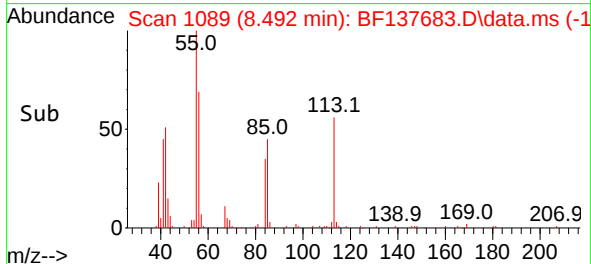
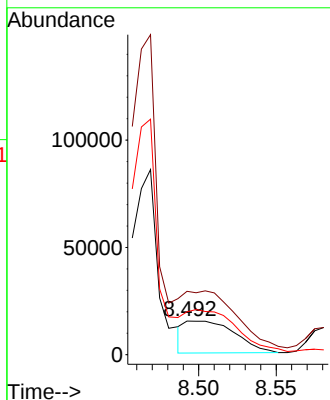
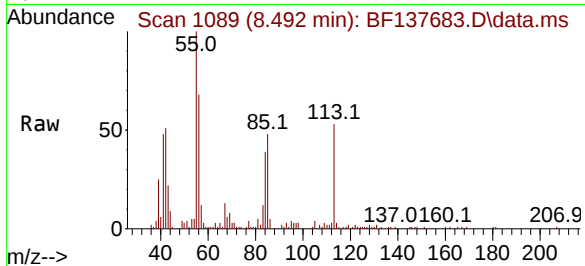




#35
Caprolactam
Concen: 9.307 ng
RT: 8.492 min Scan# 1104
Delta R.T. 0.035 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

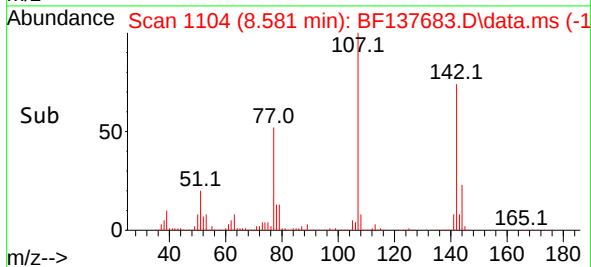
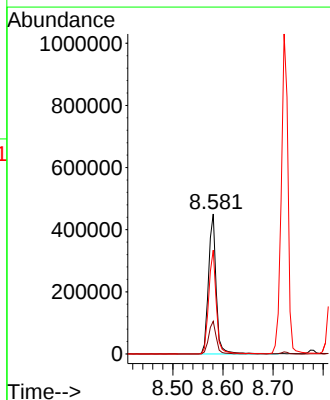
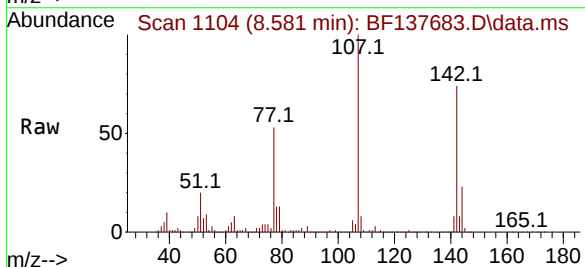
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

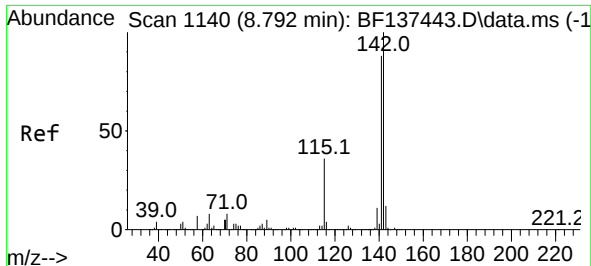
Tgt Ion:113 Resp: 33700
Ion Ratio Lower Upper
113 100
55 188.3 176.7 216.7
56 127.7 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 40.001 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:107 Resp: 477466
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 74.2 58.2 87.2





#37

2-Methylnaphthalene

Concen: 38.310 ng

RT: 8.722 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

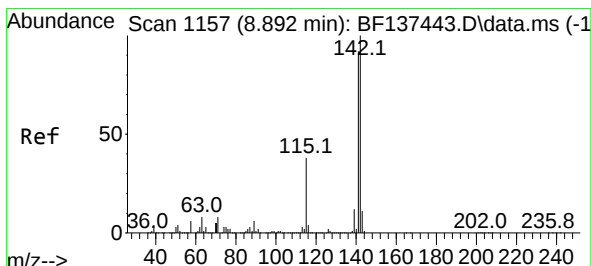
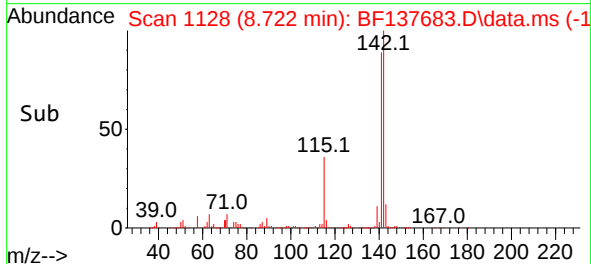
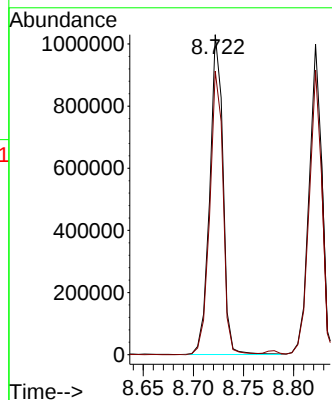
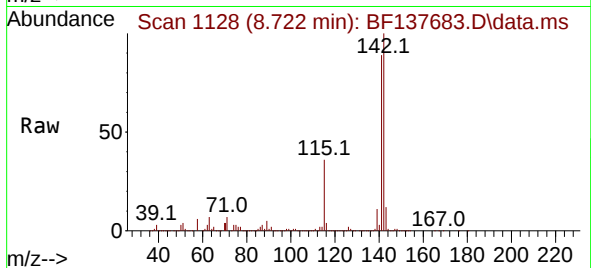
72-11933MSD

Tgt Ion:142 Resp: 950608

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 37.590 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF137683.D

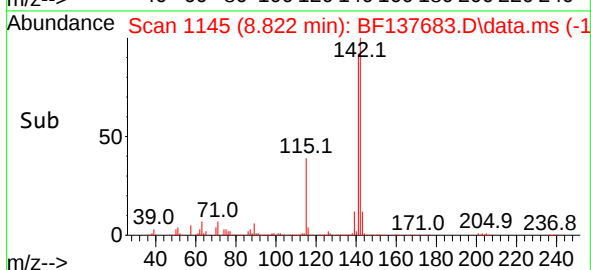
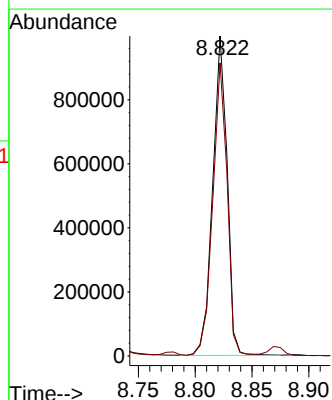
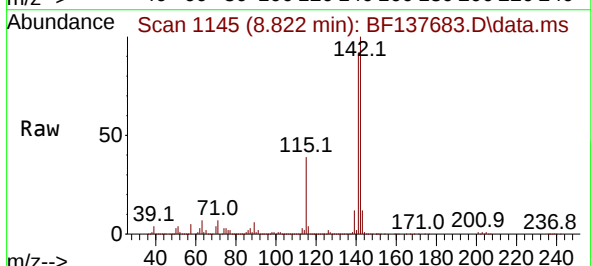
Acq: 22 Mar 2024 15:56

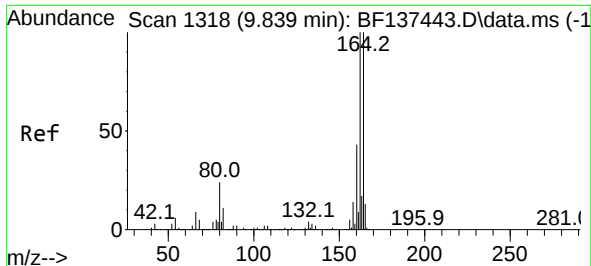
Tgt Ion:142 Resp: 878397

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

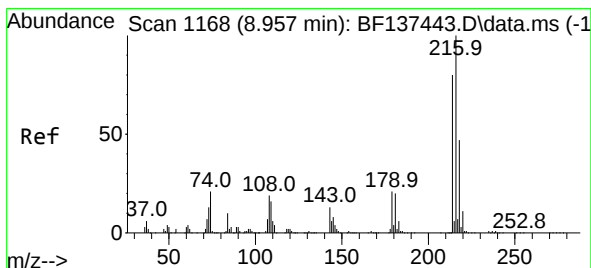
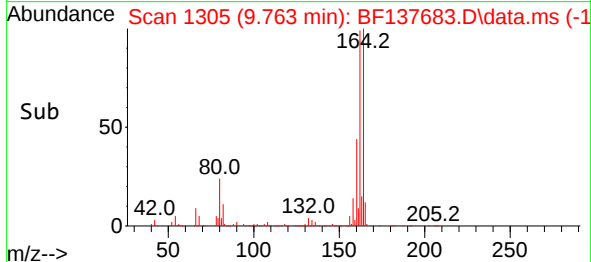
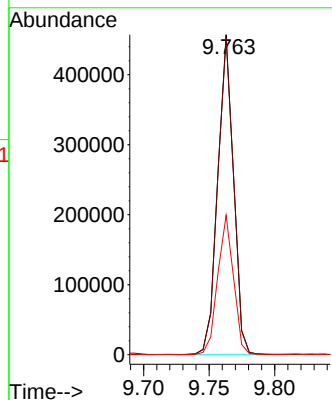
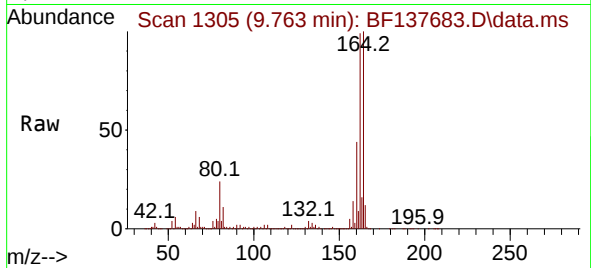




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

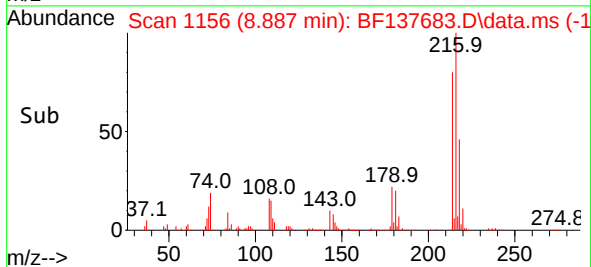
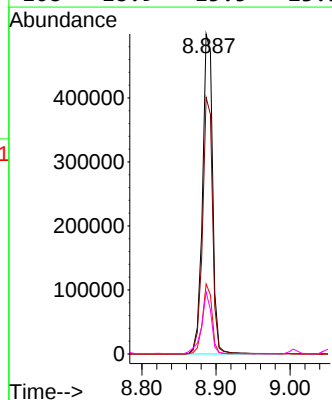
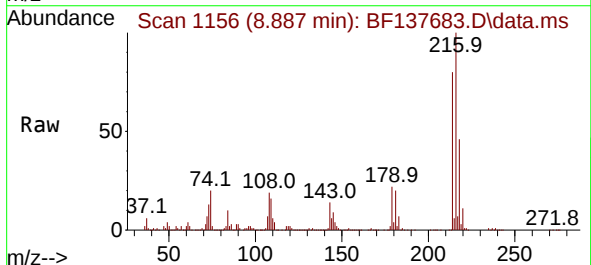
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

Tgt Ion:164 Resp: 382075
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.6 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.161 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

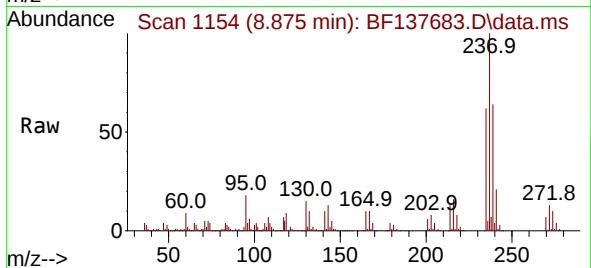
Tgt Ion:216 Resp: 471052
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 20.8 16.6 25.0
108 18.9 15.5 23.3



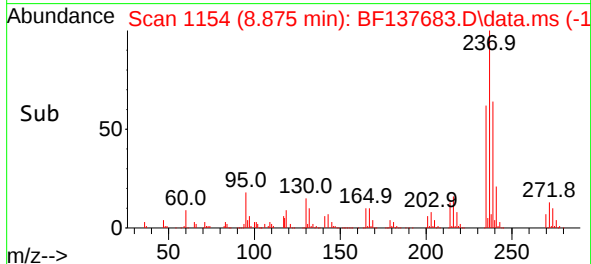
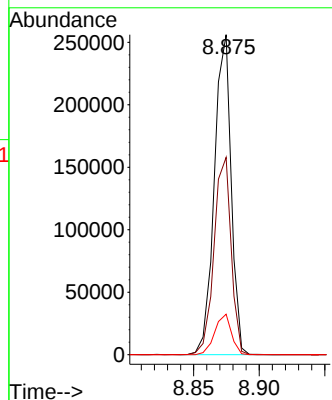


#41
Hexachlorocyclopentadiene
Concen: 55.332 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Instrument :
BNA_F
ClientSampleId :
72-11933MSD

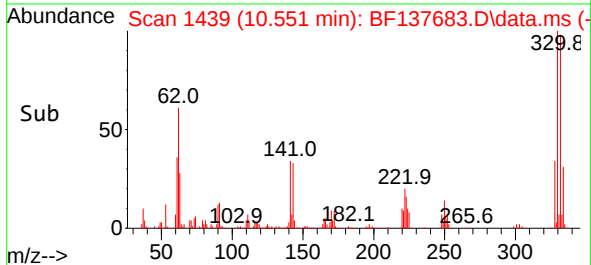
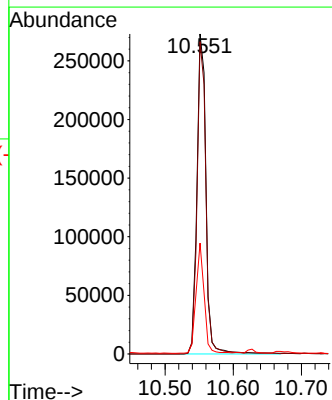
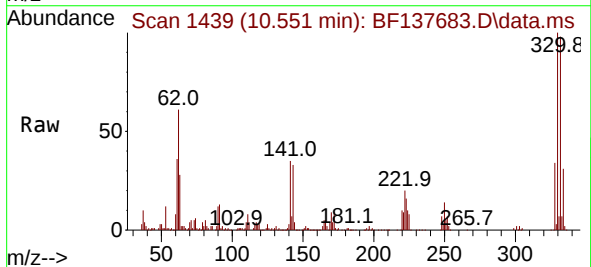


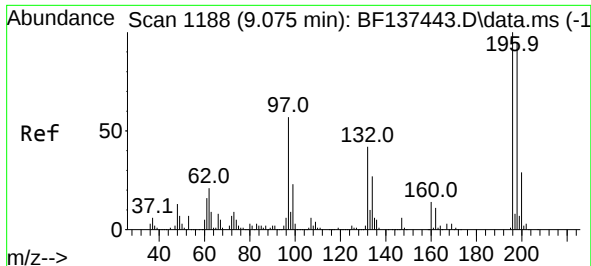
Tgt Ion:237 Resp: 228526
Ion Ratio Lower Upper
237 100
235 61.6 43.6 83.6
272 12.7 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 74.122 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:330 Resp: 248701
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 31.1 27.3 40.9

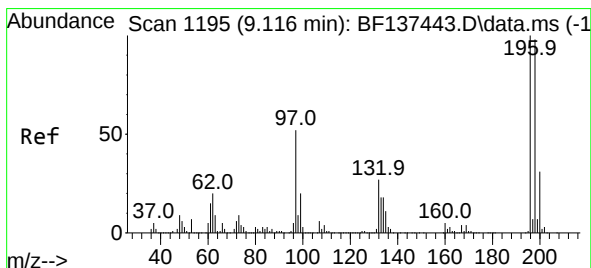
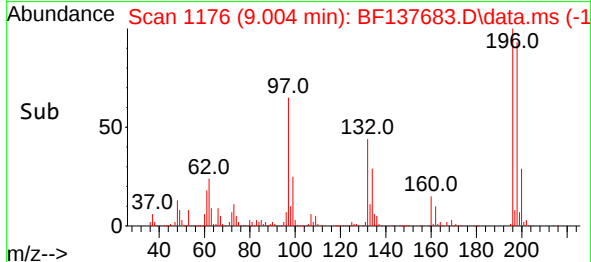
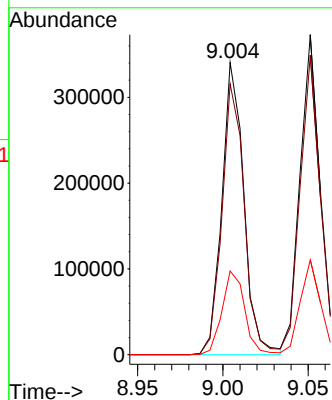
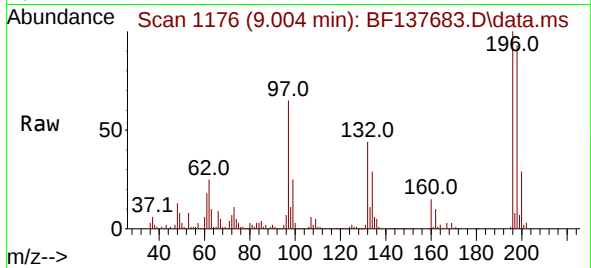




#43
2,4,6-Trichlorophenol
Concen: 44.028 ng
RT: 9.004 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

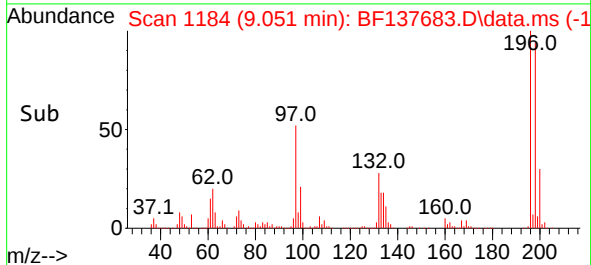
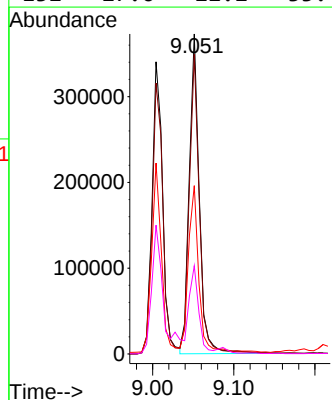
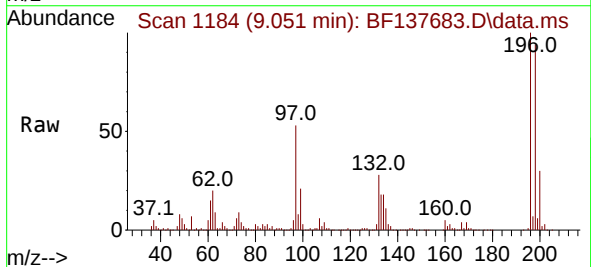
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

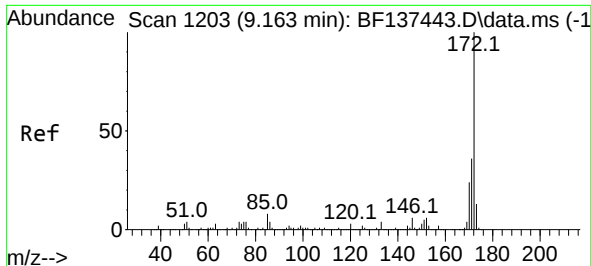
Tgt Ion:196 Resp: 305827
Ion Ratio Lower Upper
196 100
198 92.7 75.8 113.8
200 28.7 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 40.263 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:196 Resp: 322171
Ion Ratio Lower Upper
196 100
198 93.6 78.6 117.8
97 52.6 41.8 62.8
132 27.6 22.2 33.4

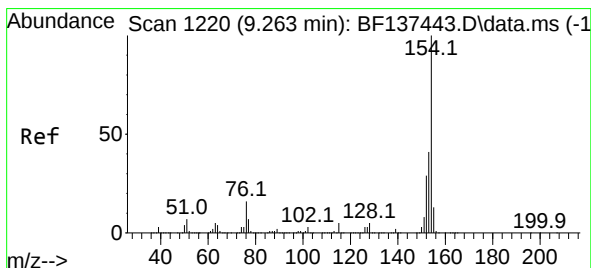
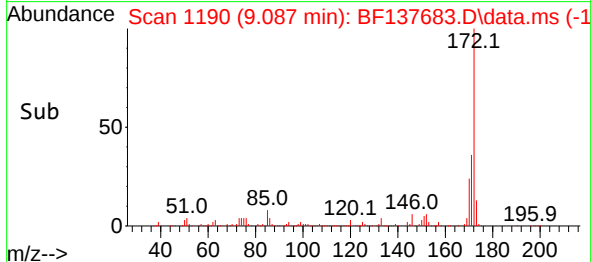
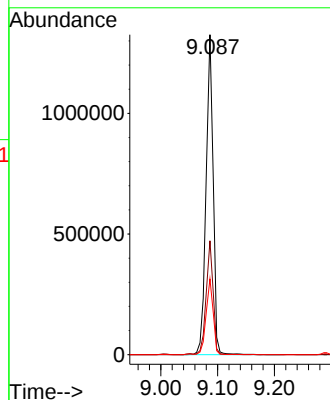
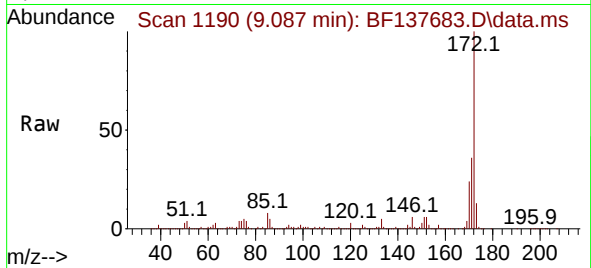




#45
2-Fluorobiphenyl
Concen: 47.077 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

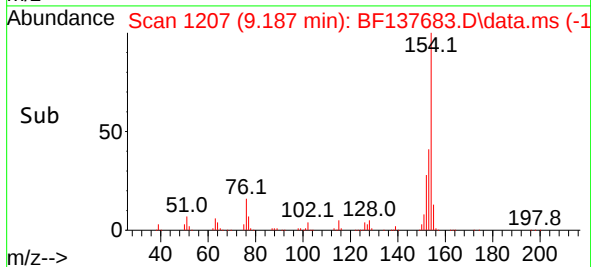
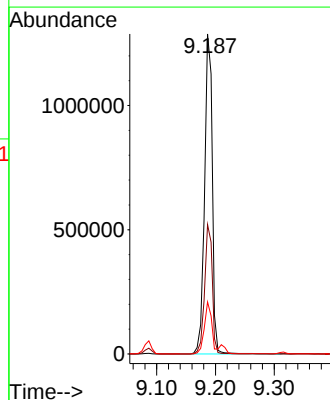
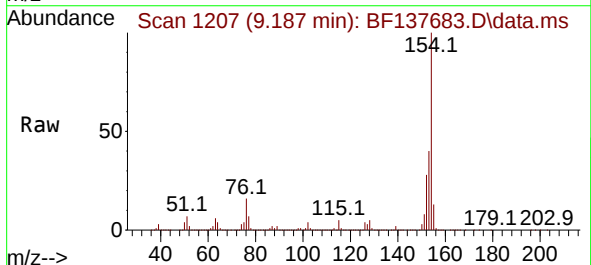
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

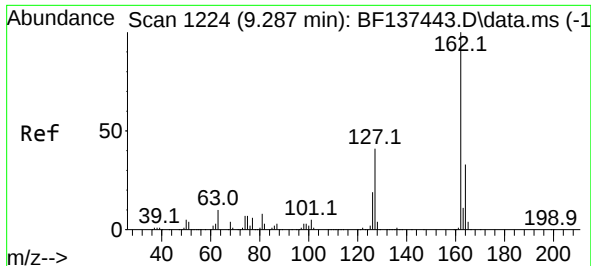
Tgt Ion:172 Resp: 1149050
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 41.822 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:154 Resp: 1169534
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 16.3 0.0 35.8





#47

2-Chloronaphthalene

Concen: 42.219 ng

RT: 9.210 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

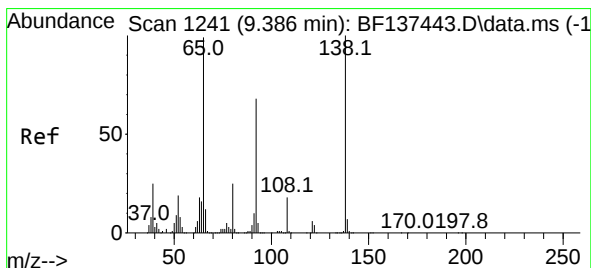
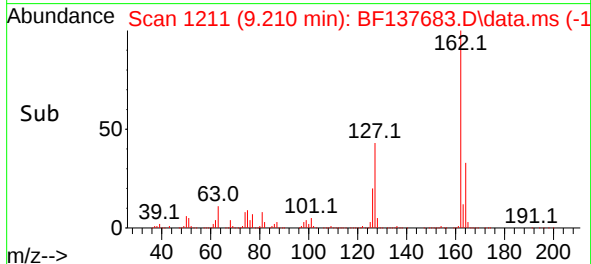
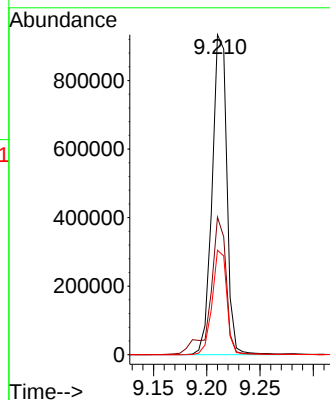
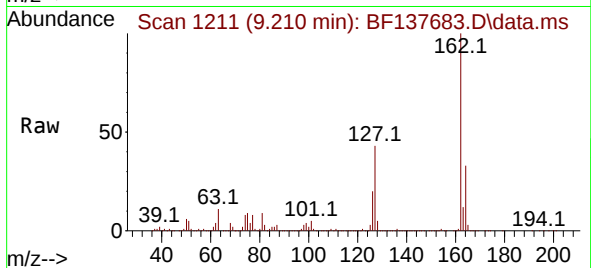
Tgt Ion:162 Resp: 900130

Ion Ratio Lower Upper

162 100

127 43.0 32.6 49.0

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 41.455 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

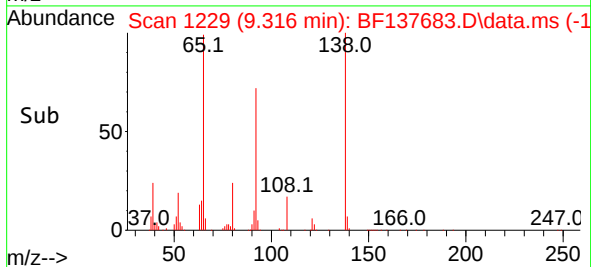
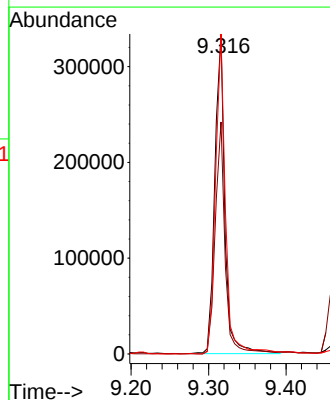
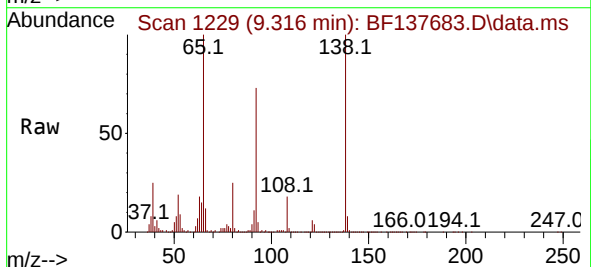
Tgt Ion: 65 Resp: 300414

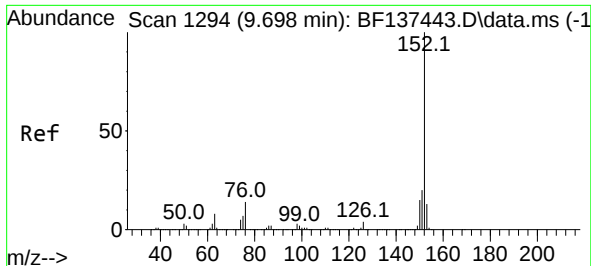
Ion Ratio Lower Upper

65 100

92 72.6 55.4 83.2

138 100.1 81.0 121.6





#49

Acenaphthylene

Concen: 40.874 ng

RT: 9.628 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

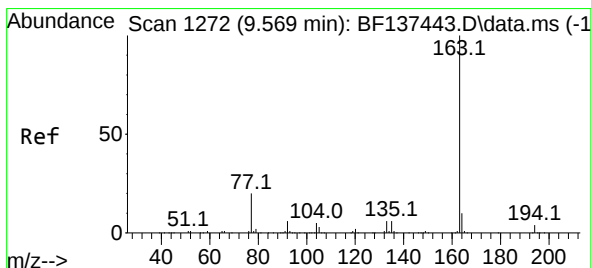
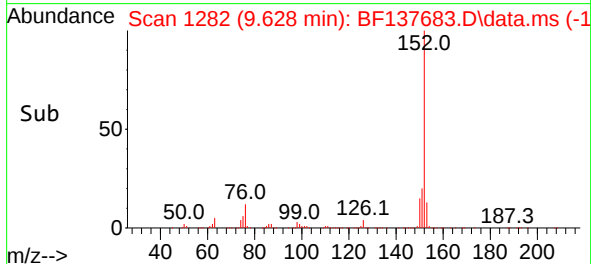
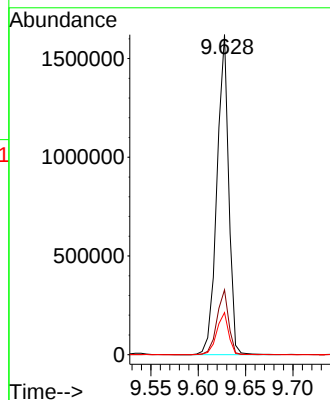
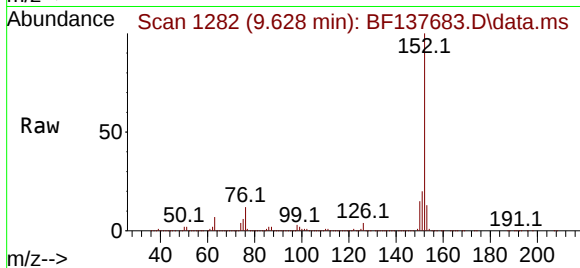
Tgt Ion:152 Resp: 1394644

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 41.178 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

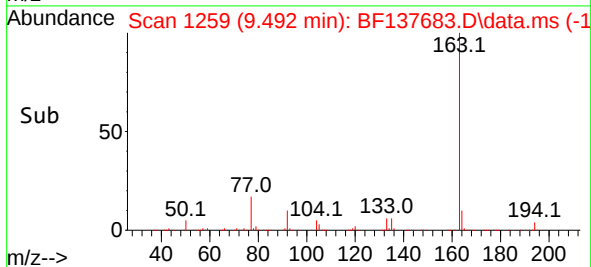
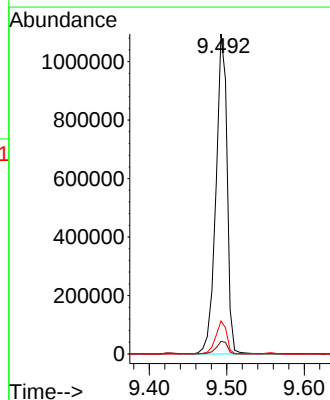
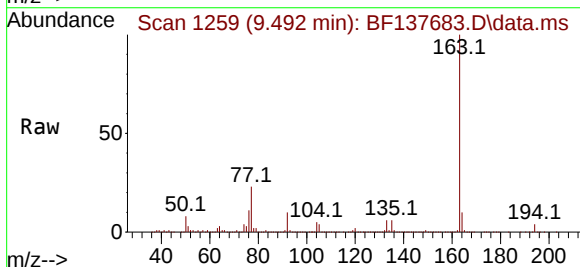
Tgt Ion:163 Resp: 1095210

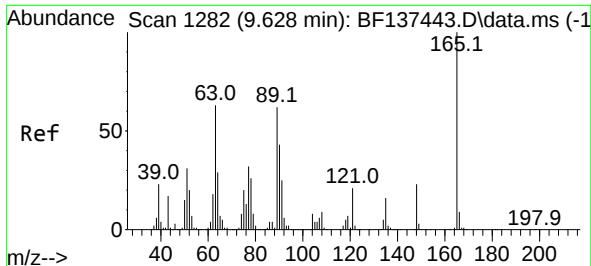
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 8.1 12.1

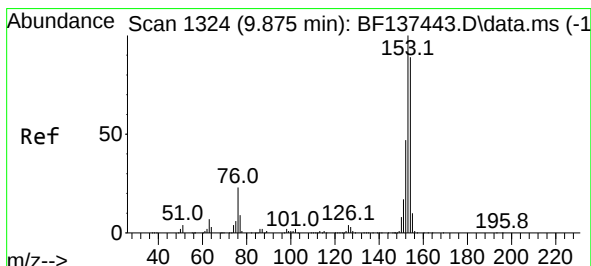
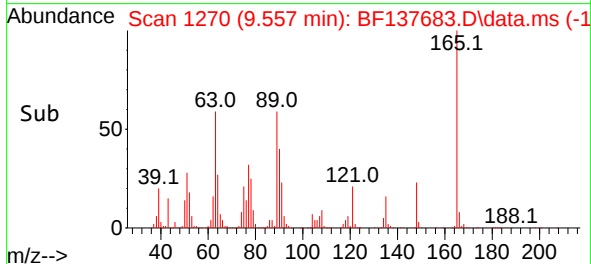
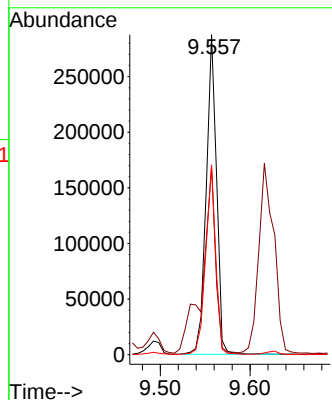
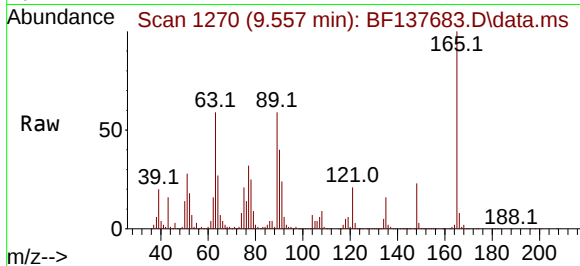




#51
2,6-Dinitrotoluene
Concen: 41.314 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

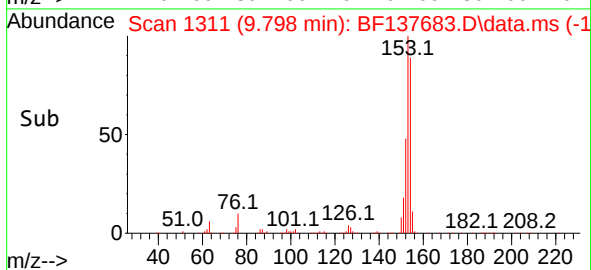
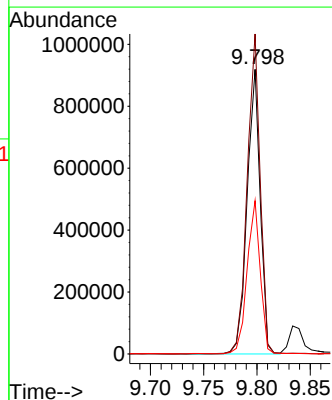
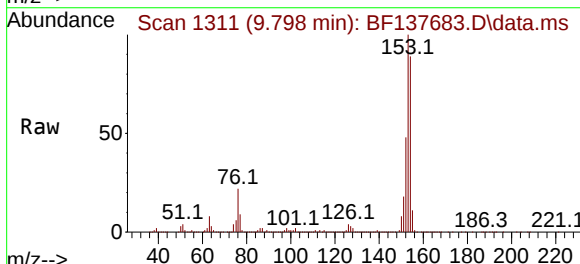
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

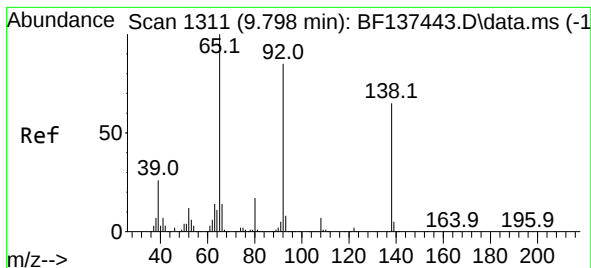
Tgt Ion:165 Resp: 229827
Ion Ratio Lower Upper
165 100
63 58.8 50.7 76.1
89 59.3 50.0 75.0



#52
Acenaphthene
Concen: 38.697 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:154 Resp: 788255
Ion Ratio Lower Upper
154 100
153 112.4 90.3 135.5
152 53.8 42.7 64.1





#53

3-Nitroaniline

Concen: 20.703 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

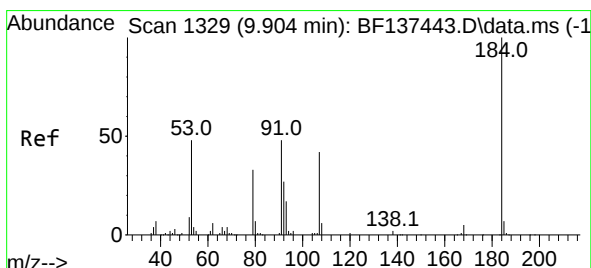
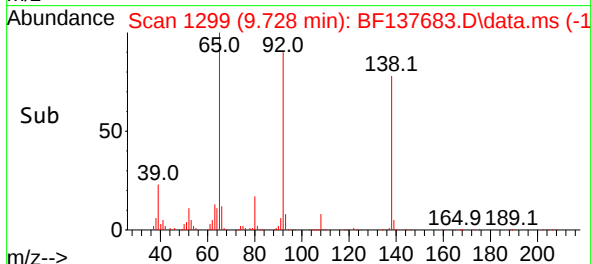
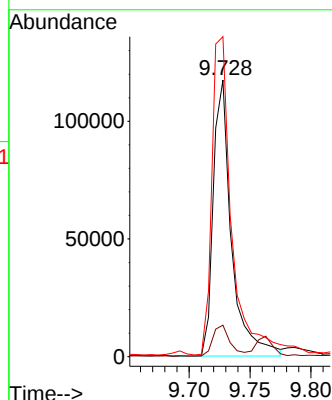
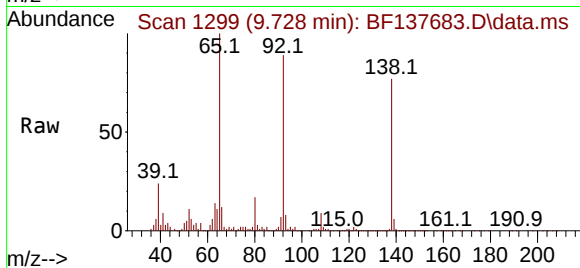
Tgt Ion:138 Resp: 121819

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

92 115.7 104.6 157.0



#54

2,4-Dinitrophenol

Concen: 60.013 ng

RT: 9.834 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

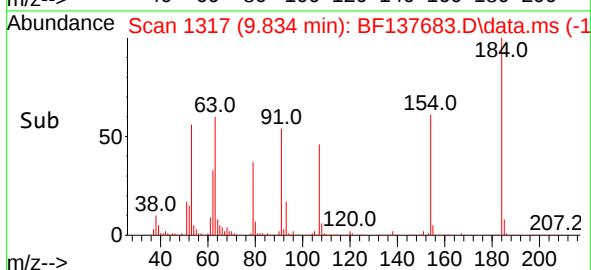
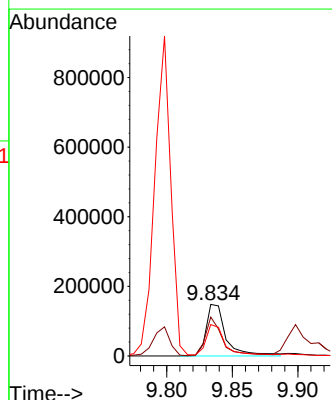
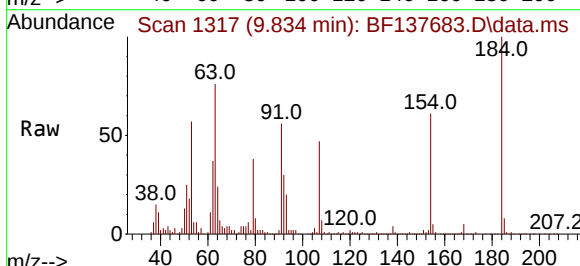
Tgt Ion:184 Resp: 156622

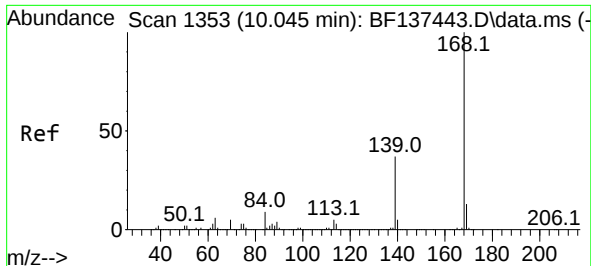
Ion Ratio Lower Upper

184 100

63 75.6 53.3 79.9

154 61.0 47.4 71.0

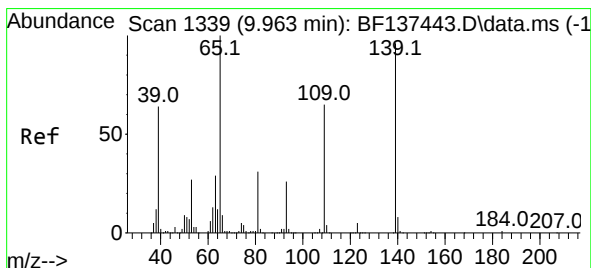
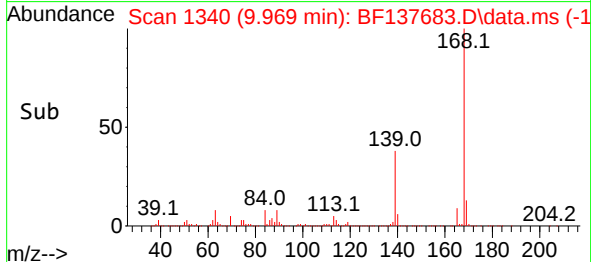
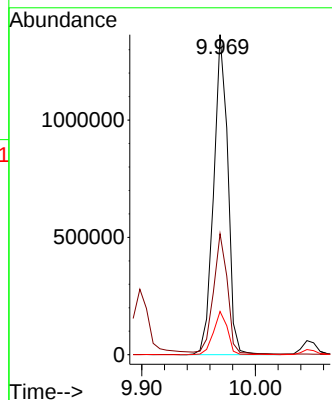
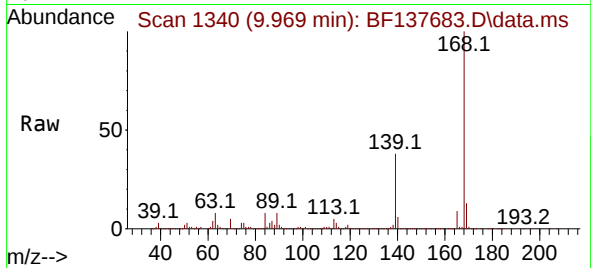




#55
Dibenzenofuran
Concen: 38.089 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

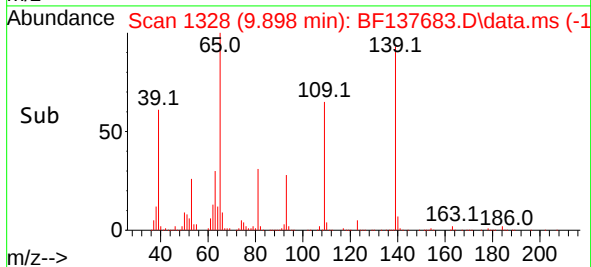
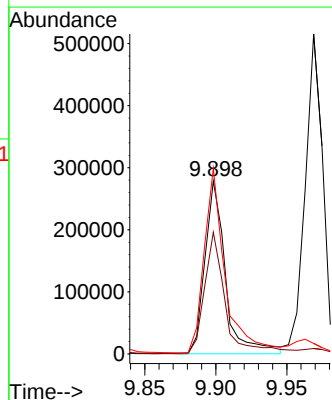
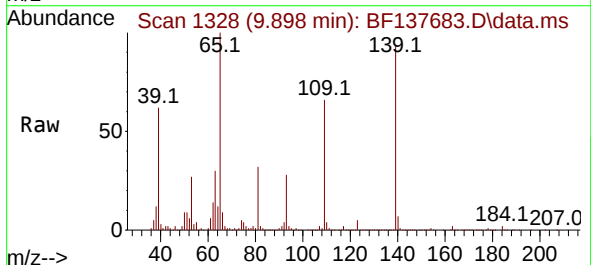
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

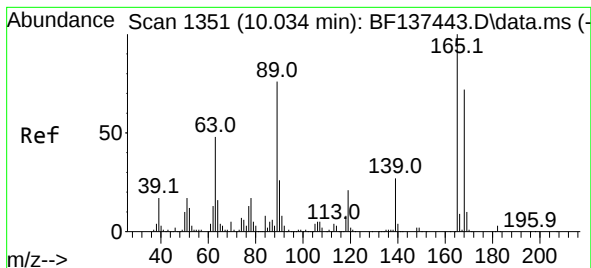
Tgt Ion:168 Resp: 1181708
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 68.172 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:139 Resp: 282420
Ion Ratio Lower Upper
139 100
109 70.4 47.1 87.1
65 107.4 85.1 125.1

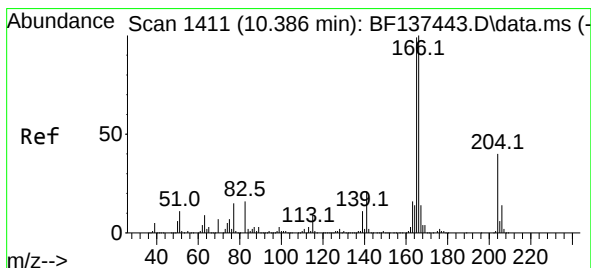
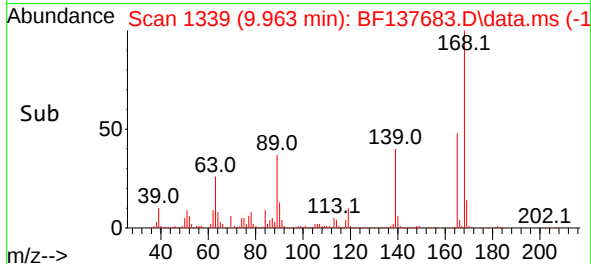
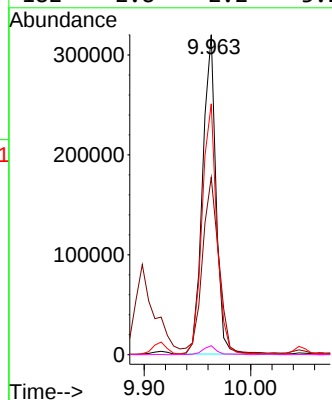
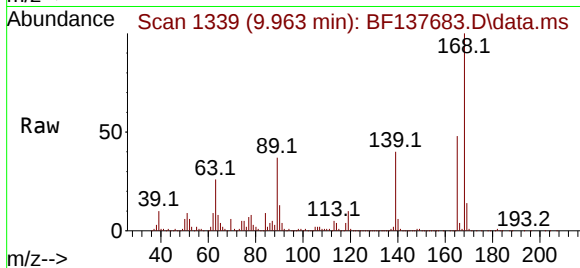




#57
2,4-Dinitrotoluene
Concen: 41.143 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

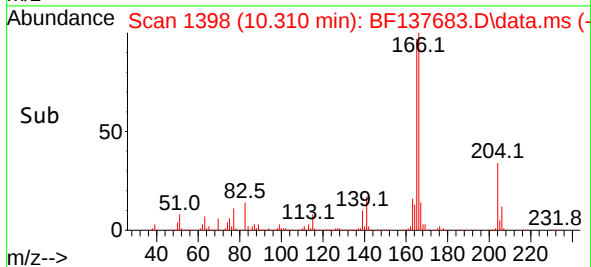
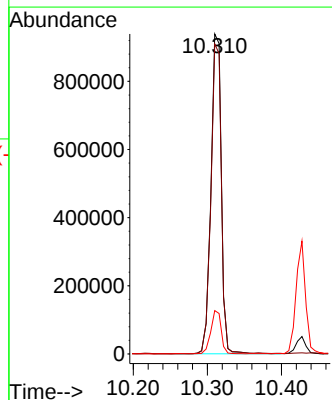
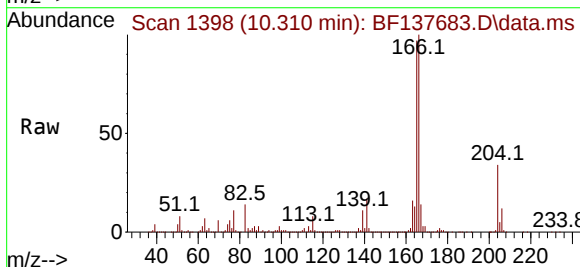
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

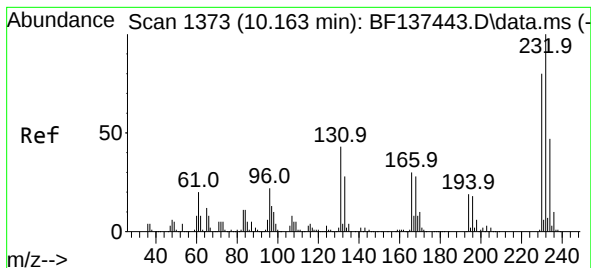
Tgt Ion:165	Resp:	281196
Ion	Ratio	Lower Upper
165	100	
63	55.4	39.0 58.6
89	78.4	60.9 91.3
182	2.8	2.2 3.2



#58
Fluorene
Concen: 38.195 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:166	Resp:	910068
Ion	Ratio	Lower Upper
166	100	
165	96.9	79.2 118.8
167	13.6	11.0 16.6

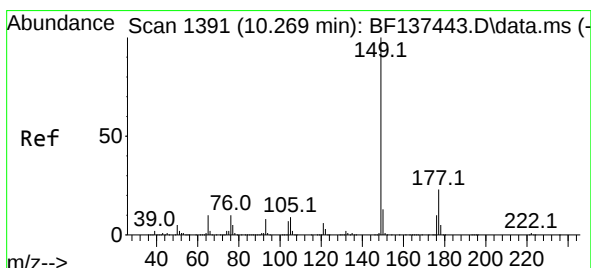
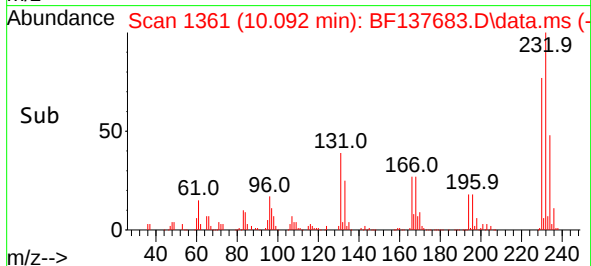
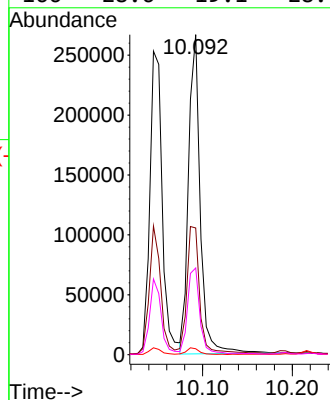
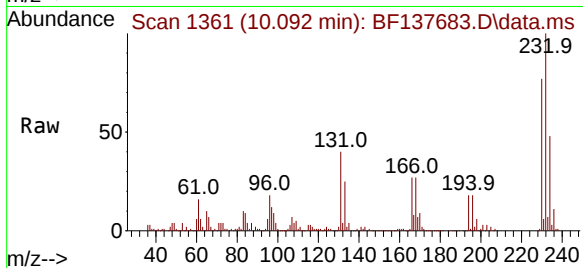




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.822 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

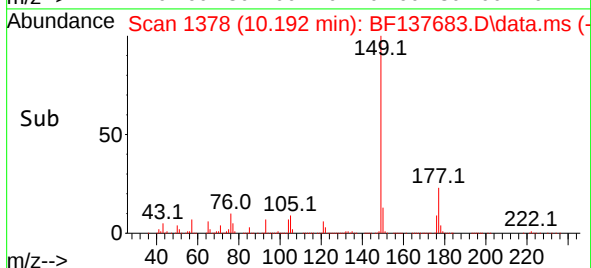
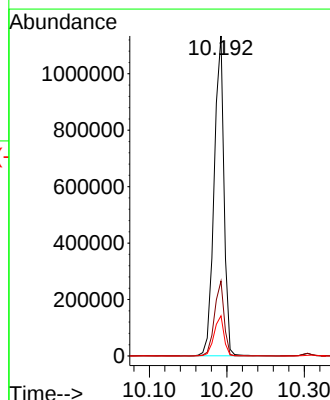
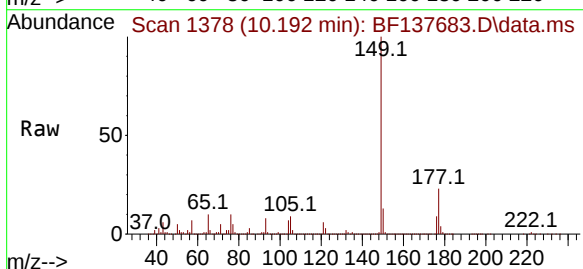
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

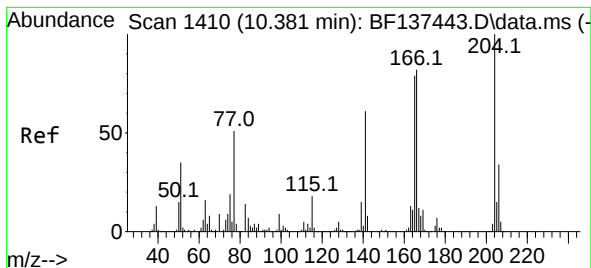
Tgt Ion:232 Resp: 242688
Ion Ratio Lower Upper
232 100
131 43.3 31.2 46.8
130 2.1 1.8 2.6
166 28.6 19.1 28.7



#60
Diethylphthalate
Concen: 39.863 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:149 Resp: 1001193
Ion Ratio Lower Upper
149 100
177 23.4 18.7 28.1
150 12.5 10.2 15.4

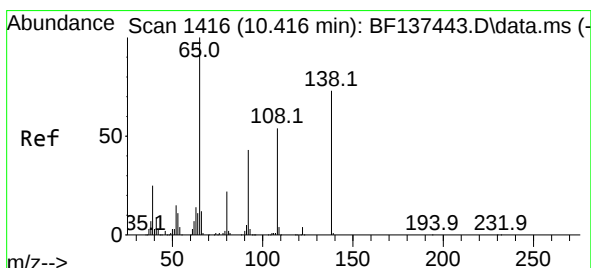
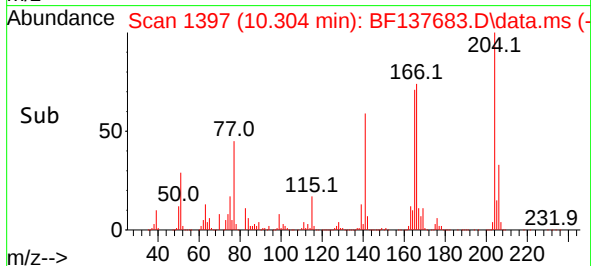
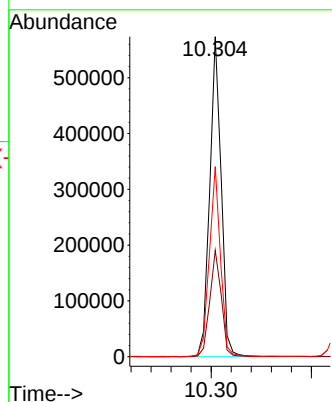
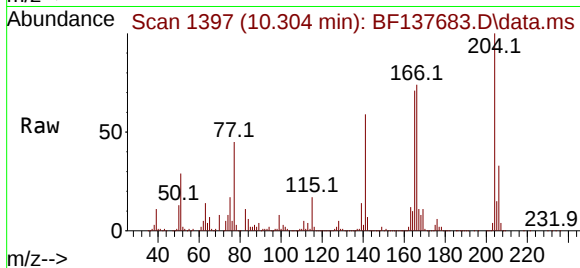




#61
4-Chlorophenyl-phenylether
Concen: 38.936 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

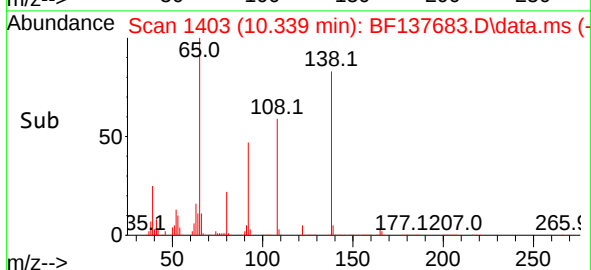
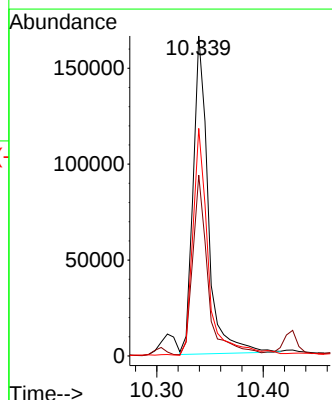
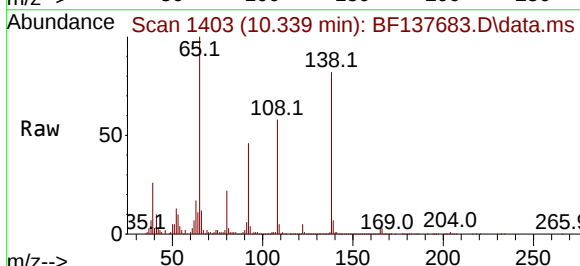
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

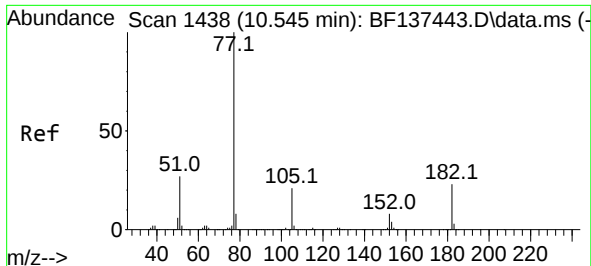
Tgt Ion:204 Resp: 454672
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.0
141 59.4 48.4 72.6



#62
4-Nitroaniline
Concen: 32.349 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:138 Resp: 163599
Ion Ratio Lower Upper
138 100
92 56.5 37.9 77.9
108 71.1 53.2 93.2

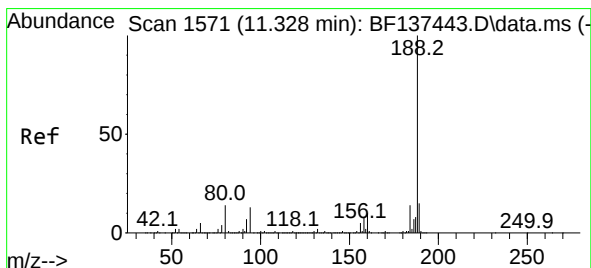
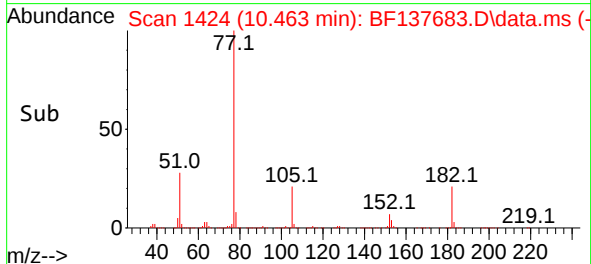
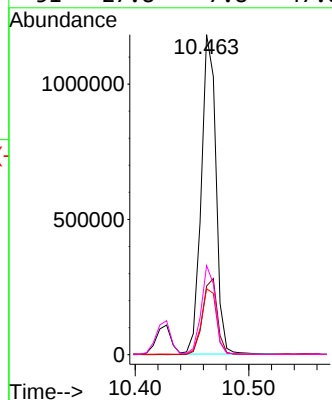
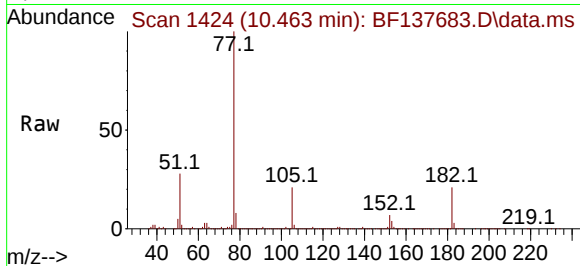




#63
Azobenzene
Concen: 36.642 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

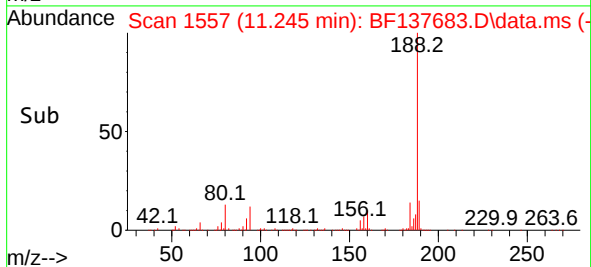
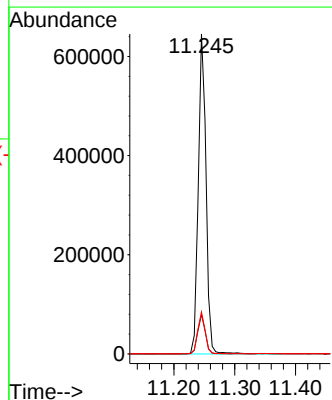
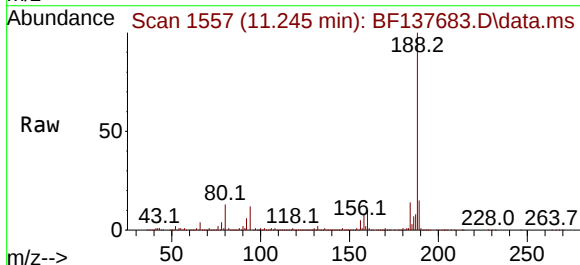
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

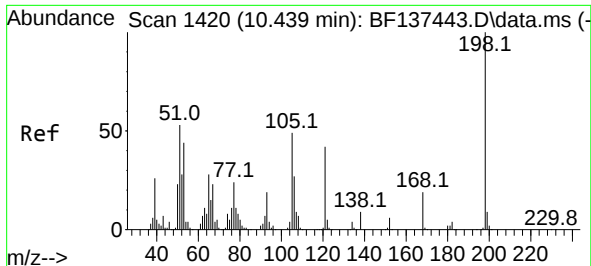
Tgt Ion: 77 Resp: 1059715
Ion Ratio Lower Upper
77 100
182 21.4 3.2 43.2
105 20.6 1.2 41.2
51 27.8 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion: 188 Resp: 568287
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 13.2 11.5 17.3

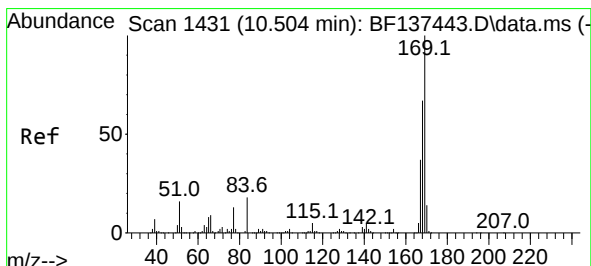
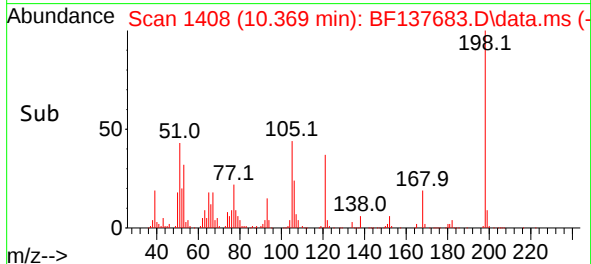
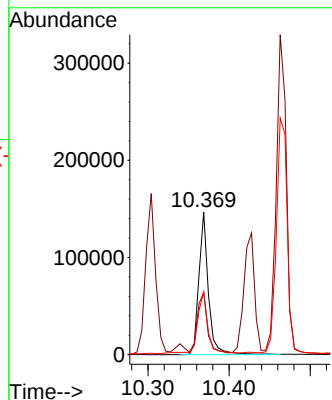
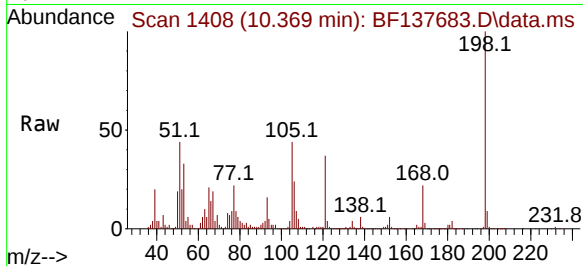




#65
4,6-Dinitro-2-methylphenol
Concen: 38.138 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

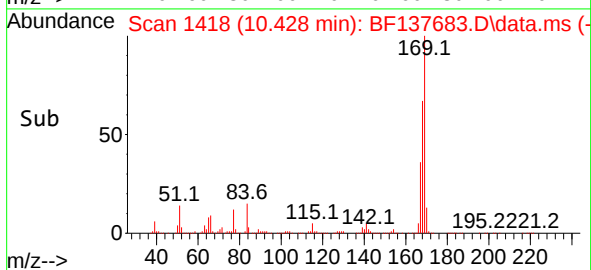
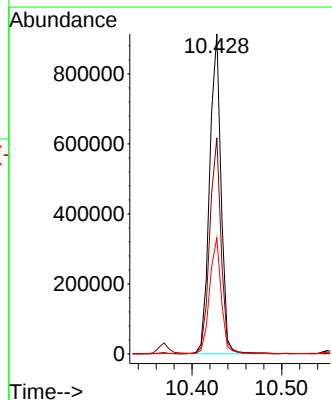
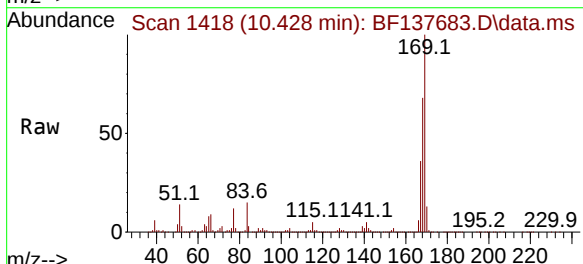
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

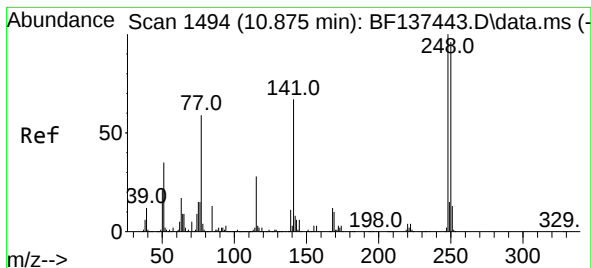
Tgt Ion:198 Resp: 120795
Ion Ratio Lower Upper
198 100
51 43.6 37.2 77.2
105 43.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 44.200 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:169 Resp: 808846
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.6
167 36.2 29.6 44.4

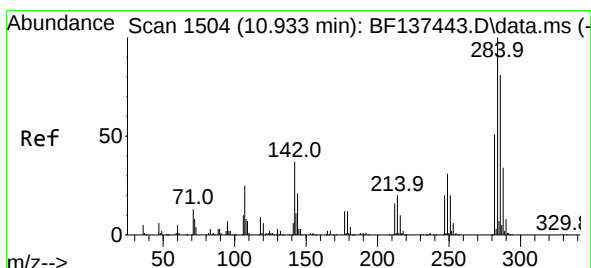
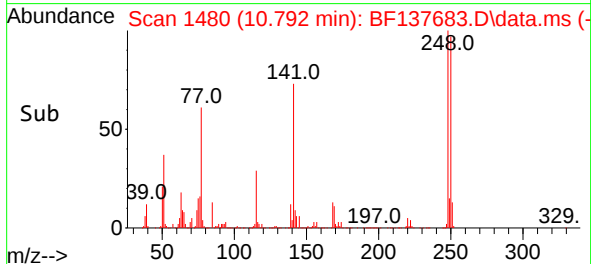
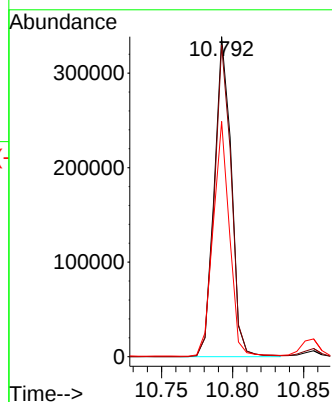
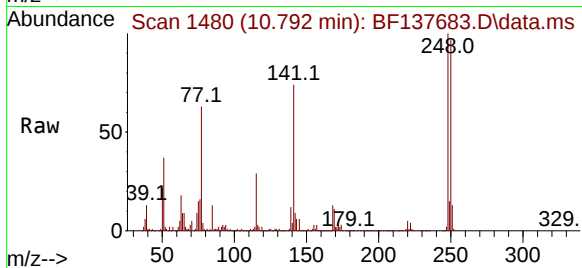




#67
4-Bromophenyl-phenylether
Concen: 45.415 ng
RT: 10.792 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

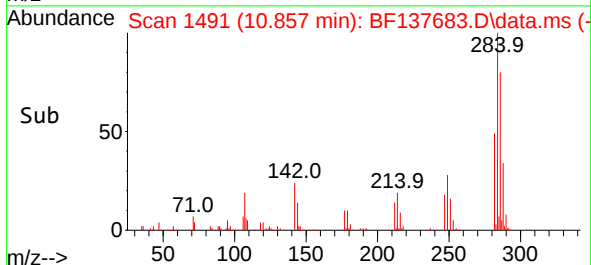
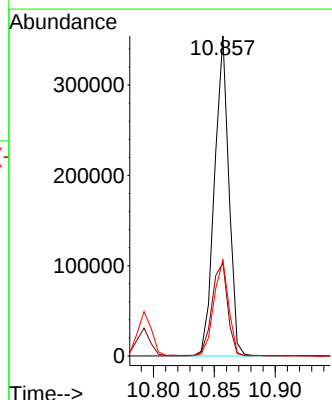
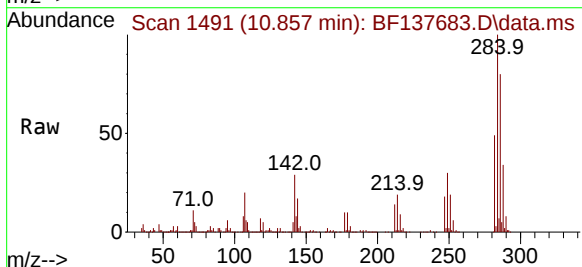
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

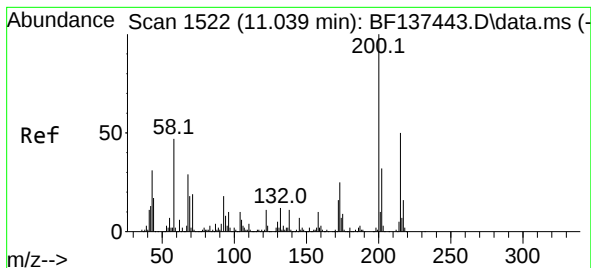
Tgt Ion:248 Resp: 281101
Ion Ratio Lower Upper
248 100
250 97.4 76.8 115.2
141 73.5 53.4 80.0



#68
Hexachlorobenzene
Concen: 46.257 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:284 Resp: 289184
Ion Ratio Lower Upper
284 100
142 29.1 29.4 44.0#
249 30.0 25.0 37.4





#69

Atrazine

Concen: 45.674 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

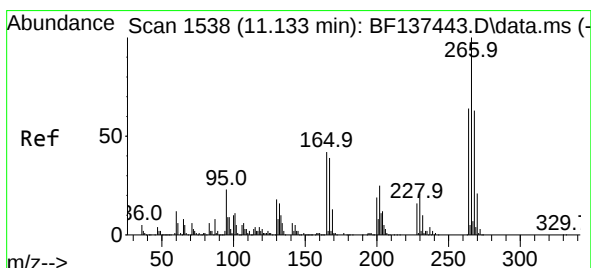
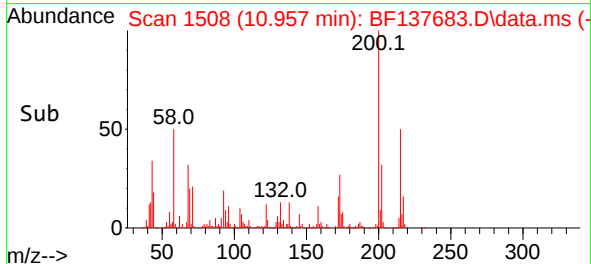
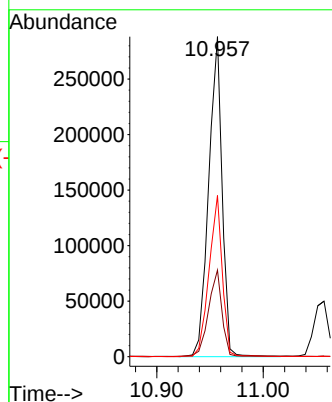
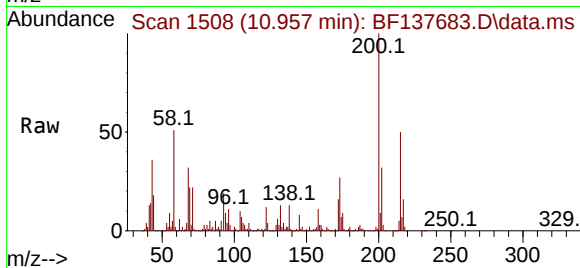
Tgt Ion:200 Resp: 254086

Ion Ratio Lower Upper

200 100

173 27.1 5.1 45.1

215 50.3 30.4 70.4



#70

Pentachlorophenol

Concen: 76.626 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.012 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

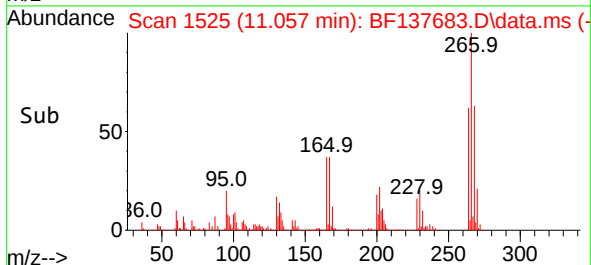
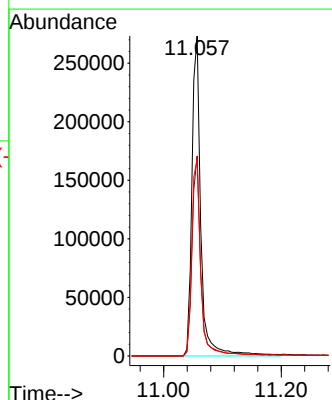
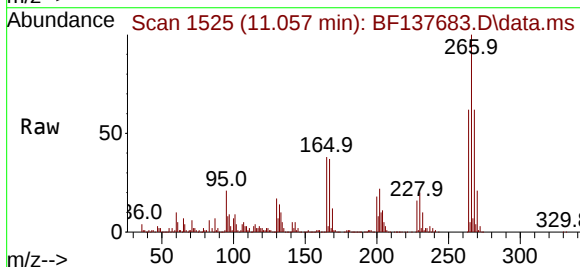
Tgt Ion:266 Resp: 289589

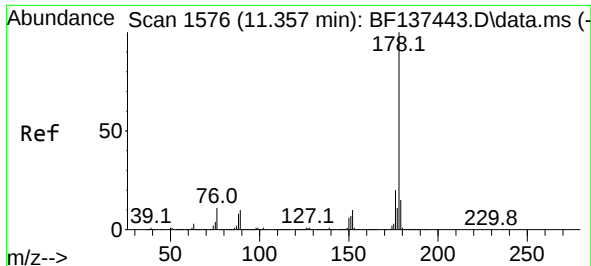
Ion Ratio Lower Upper

266 100

268 62.5 50.2 75.2

264 61.6 50.9 76.3

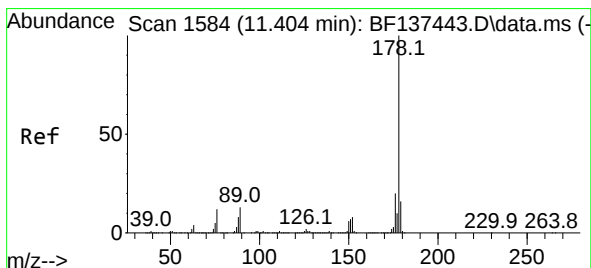
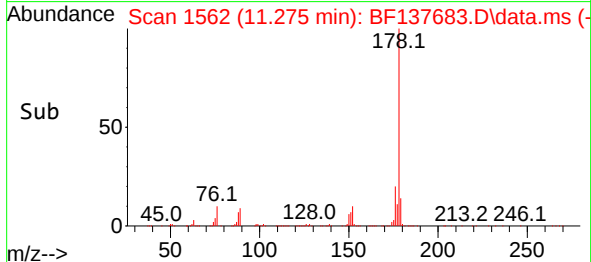
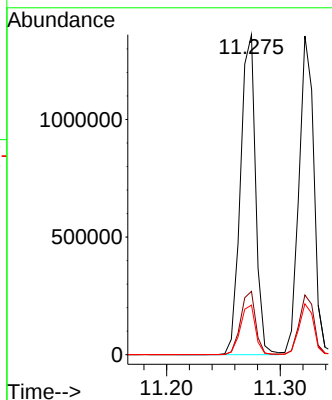
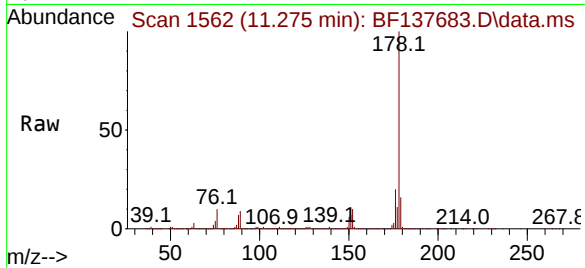




#71
Phenanthrene
Concen: 40.752 ng
RT: 11.275 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

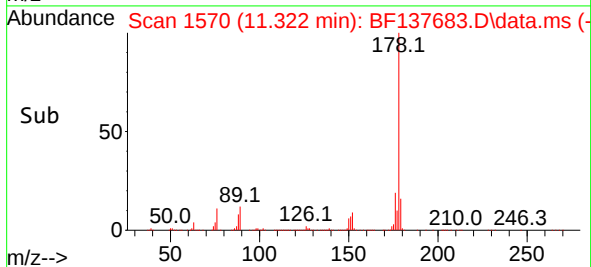
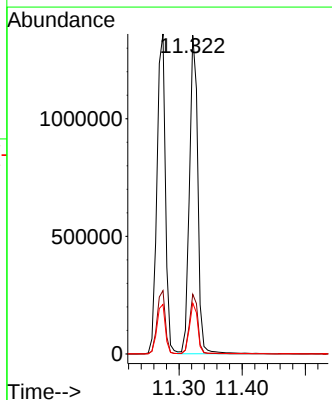
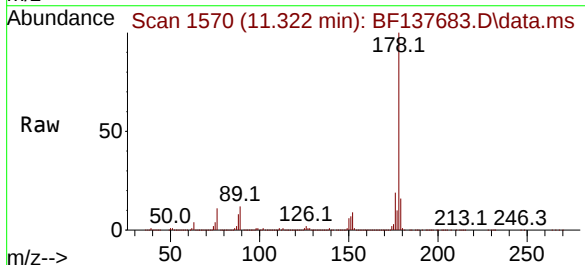
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

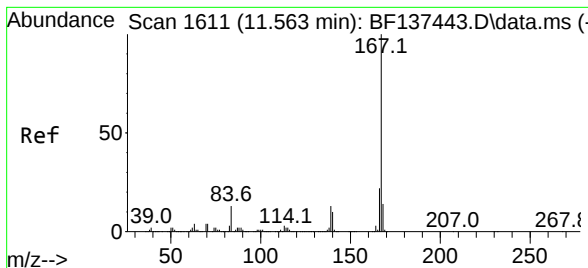
Tgt Ion:178 Resp: 1260348
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.5 12.2 18.2



#72
Anthracene
Concen: 39.493 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:178 Resp: 1254465
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 16.0 12.7 19.1





#73

Carbazole

Concen: 37.959 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

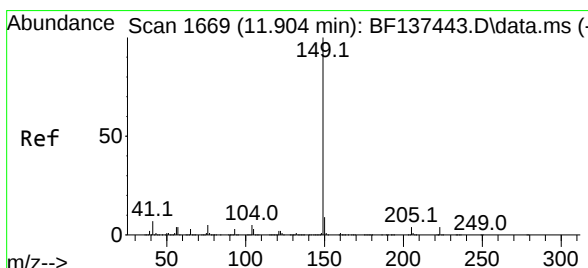
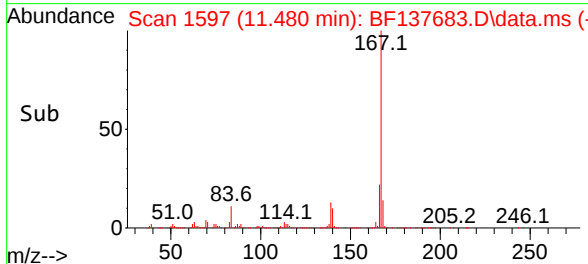
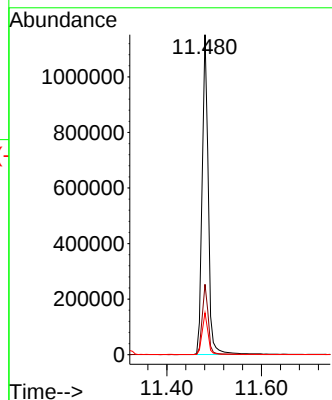
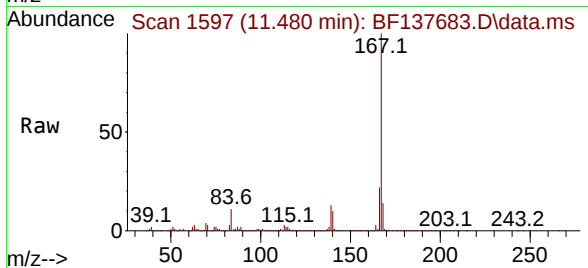
Tgt Ion:167 Resp: 1032786

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 43.086 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

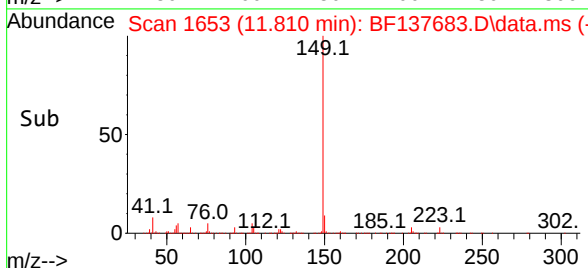
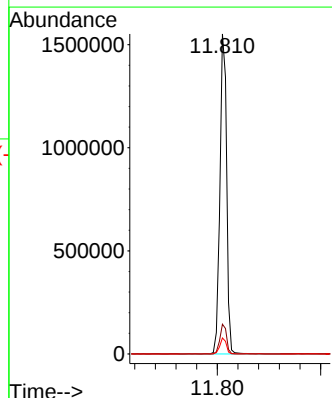
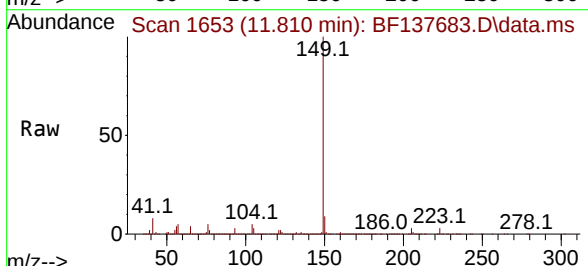
Tgt Ion:149 Resp: 1394746

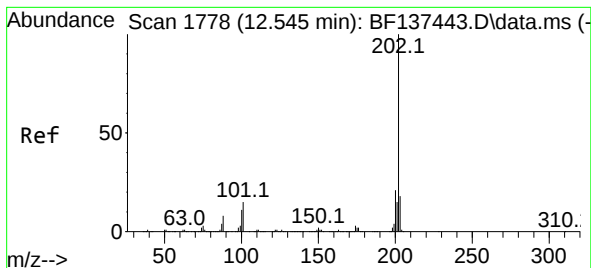
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 39.052 ng

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

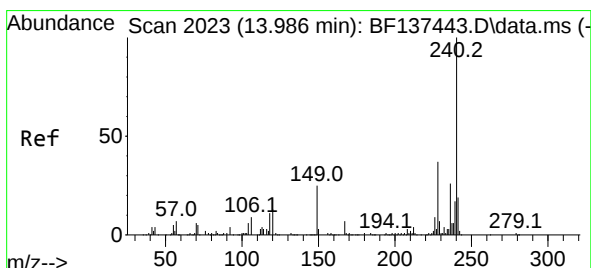
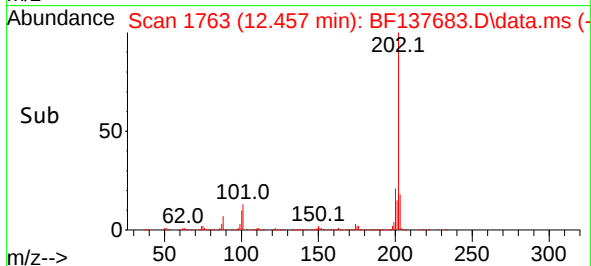
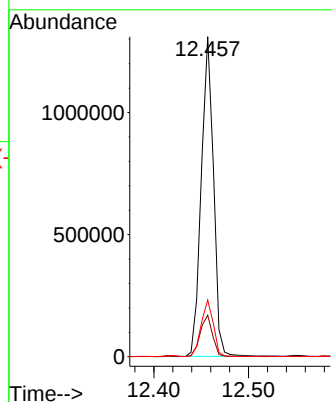
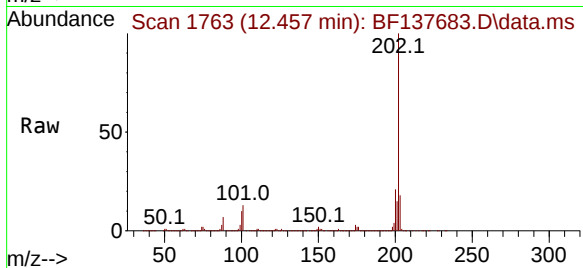
Tgt Ion:202 Resp: 1180571

Ion Ratio Lower Upper

202 100

101 13.0 0.0 35.0

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.012 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

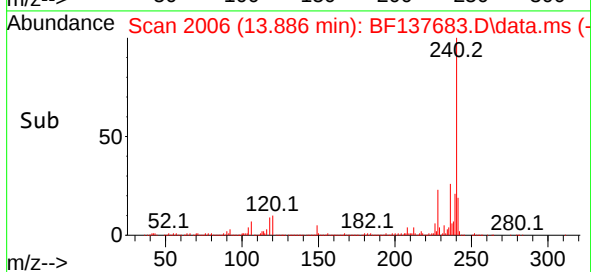
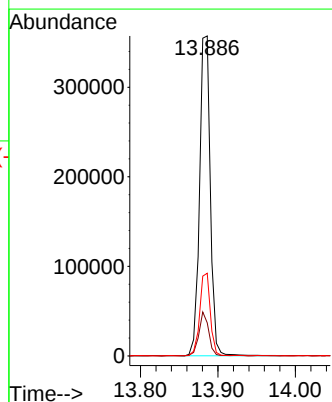
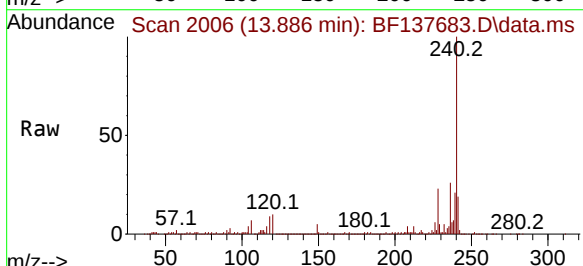
Tgt Ion:240 Resp: 343820

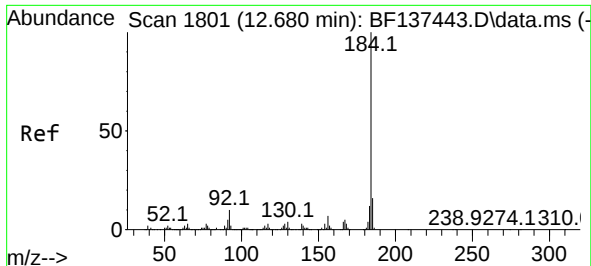
Ion Ratio Lower Upper

240 100

120 10.4 10.4 15.6#

236 25.8 20.9 31.3

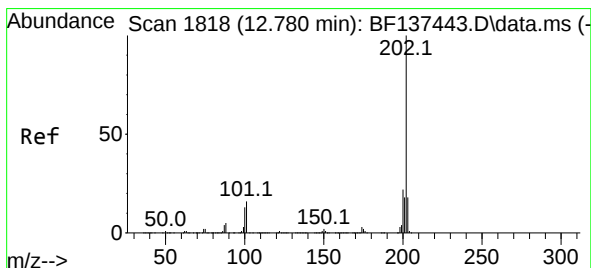
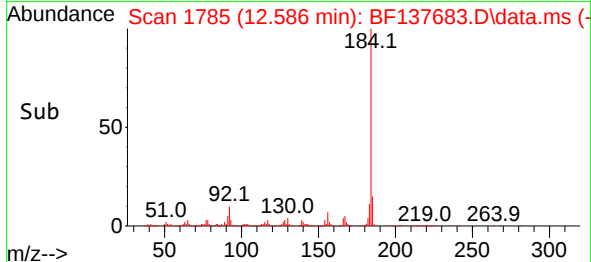
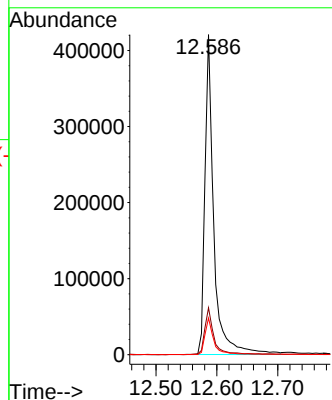
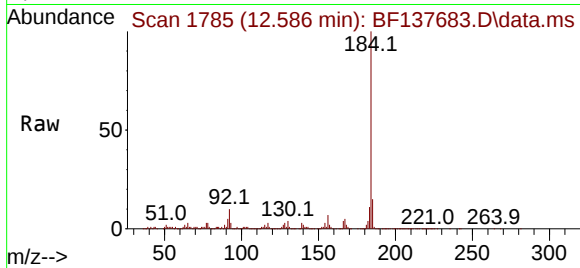




#77
Benzidine
Concen: 50.762 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

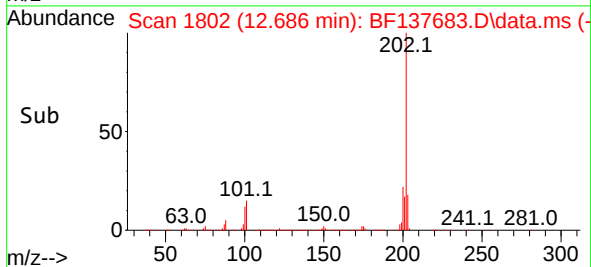
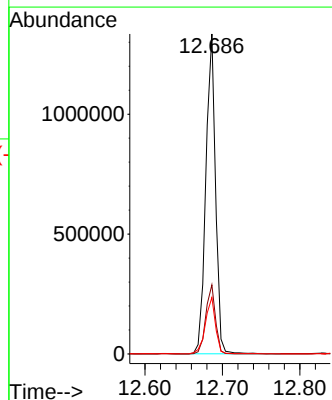
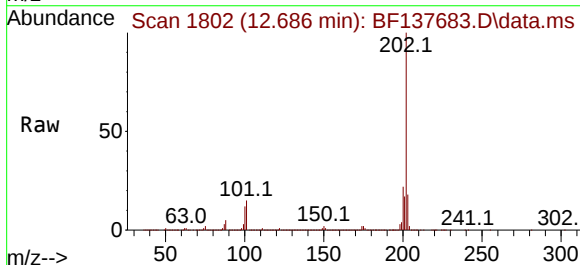
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

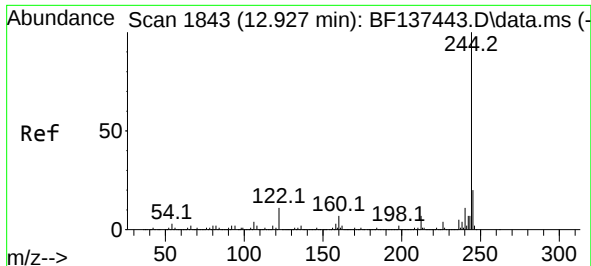
Tgt Ion:184 Resp: 427111
Ion Ratio Lower Upper
184 100
185 14.7 13.2 19.8
183 11.5 9.3 13.9



#78
Pyrene
Concen: 34.351 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:202 Resp: 1158870
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.7 14.1 21.1

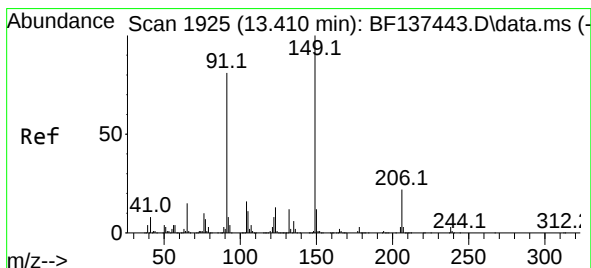
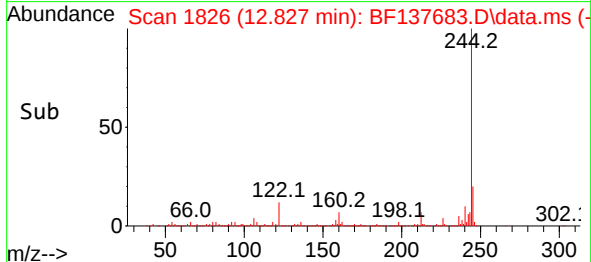
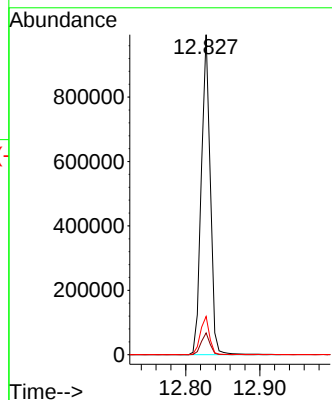
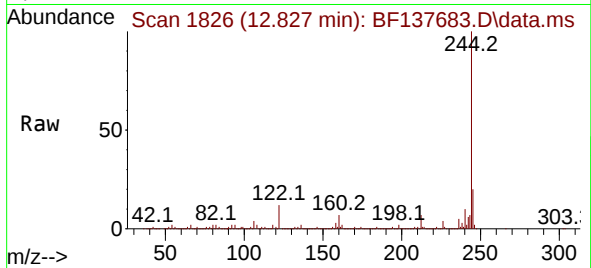




#79
 Terphenyl-d14
 Concen: 33.265 ng
 RT: 12.827 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF137683.D
 Acq: 22 Mar 2024 15:56

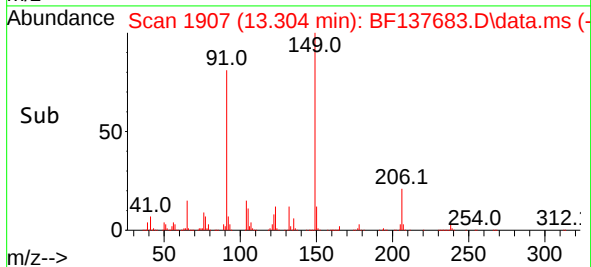
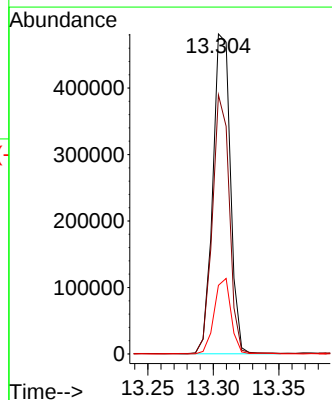
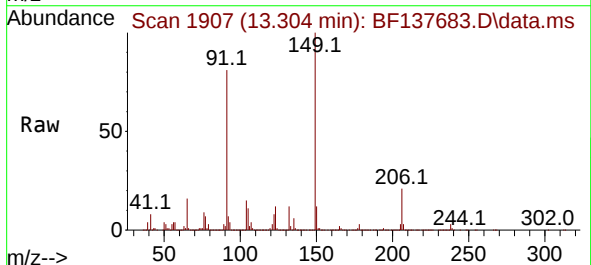
Instrument :
 BNA_F
 ClientSampleId :
 72-11933MSD

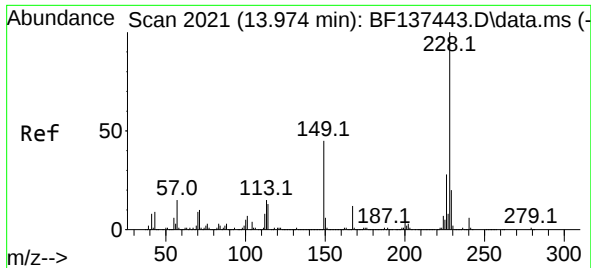
Tgt Ion:244 Resp: 831735
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 12.0 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 52.148 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF137683.D
 Acq: 22 Mar 2024 15:56

Tgt Ion:149 Resp: 449301
 Ion Ratio Lower Upper
 149 100
 91 81.0 64.7 97.1
 206 21.4 17.5 26.3

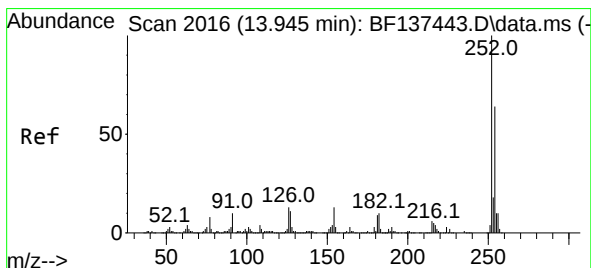
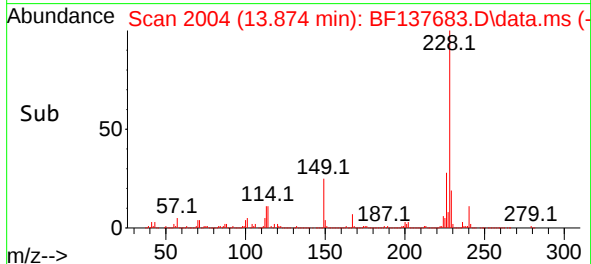
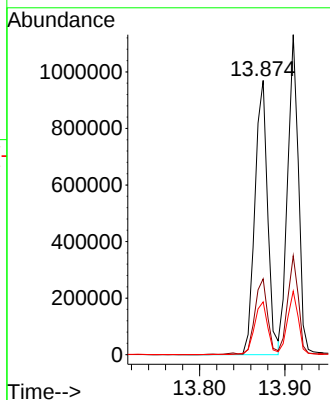
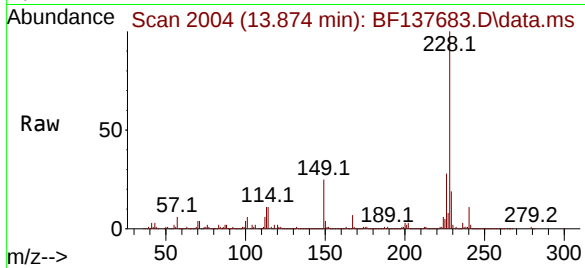




#81
Benzo(a)anthracene
Concen: 41.703 ng
RT: 13.874 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

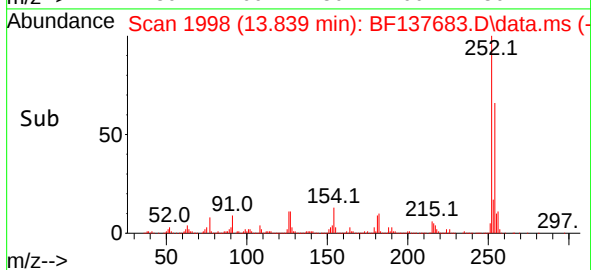
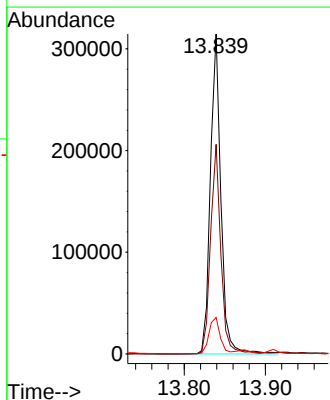
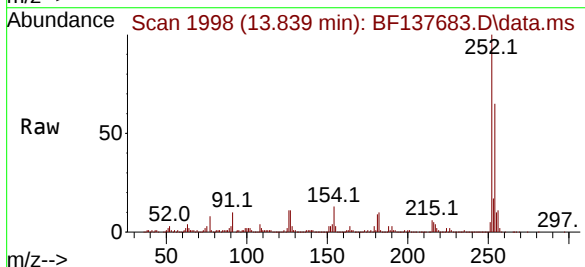
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

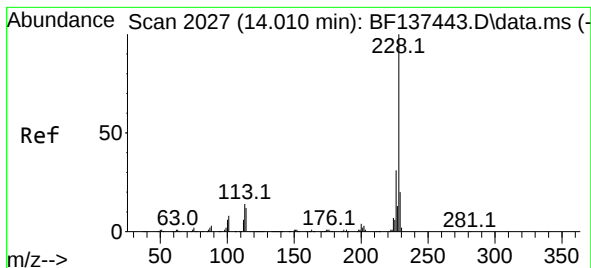
Tgt Ion:228 Resp: 1004956
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 44.000 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:252 Resp: 282360
Ion Ratio Lower Upper
252 100
254 65.5 51.4 77.2
126 11.4 10.4 15.6





#83

Chrysene

Concen: 40.771 ng

RT: 13.910 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

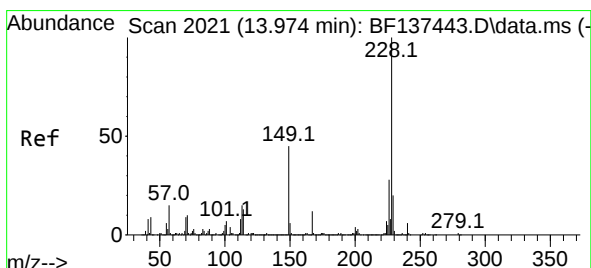
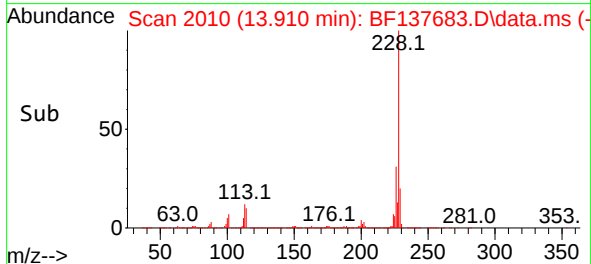
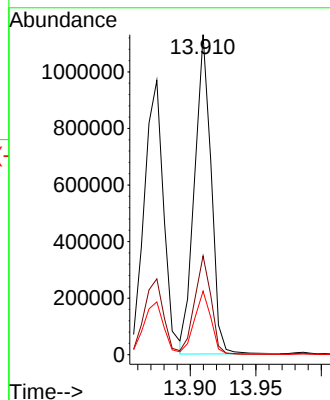
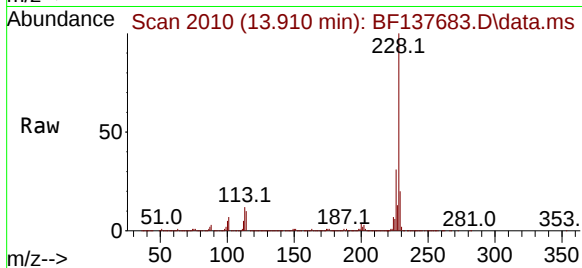
Tgt Ion:228 Resp: 993004

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.883 ng

RT: 13.869 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

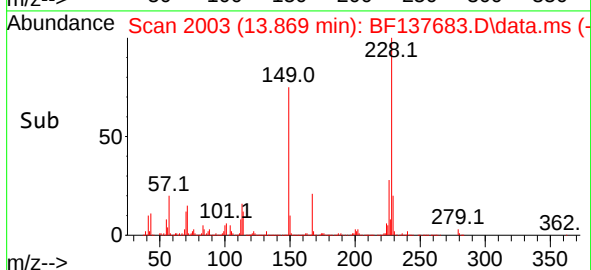
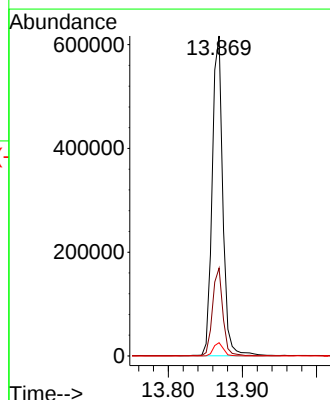
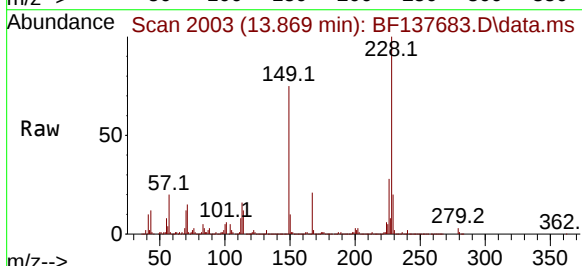
Tgt Ion:149 Resp: 611971

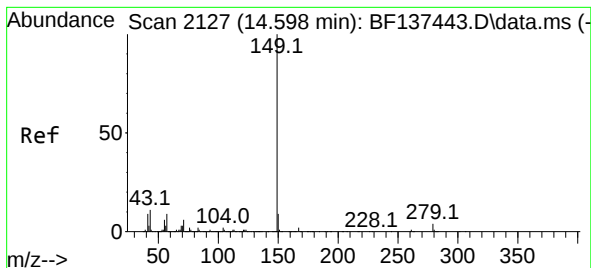
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 4.1 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 53.832 ng

RT: 14.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

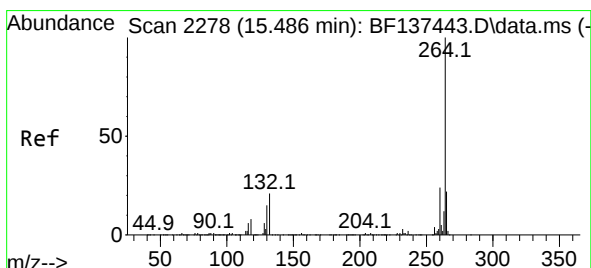
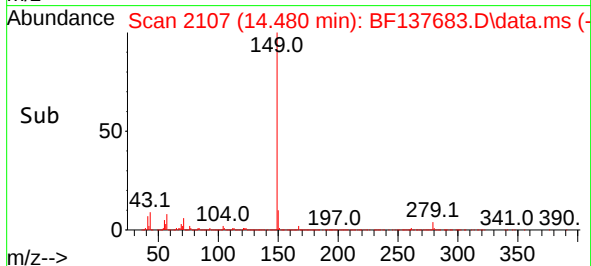
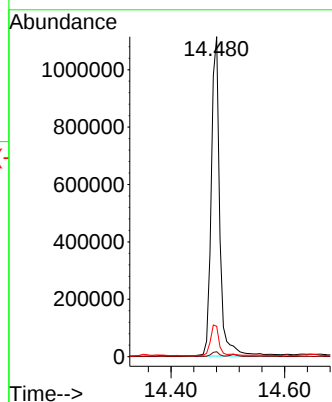
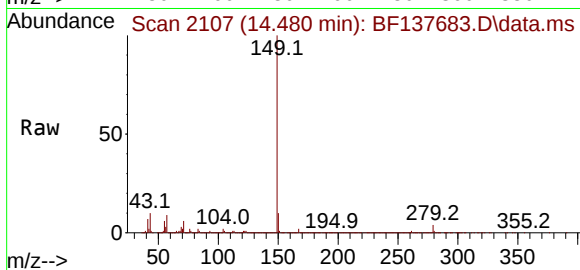
Tgt Ion:149 Resp: 1152428

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 10.1 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

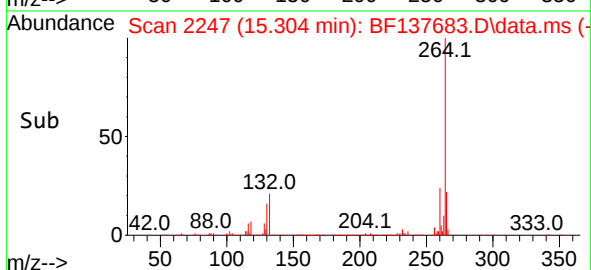
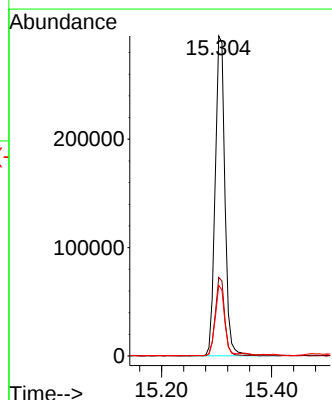
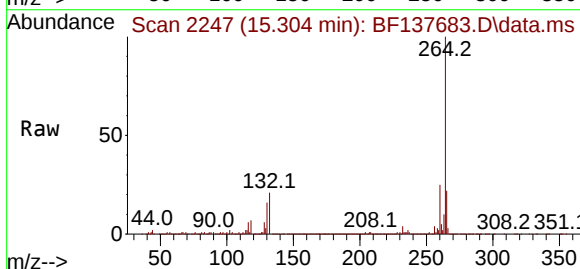
Tgt Ion:264 Resp: 364762

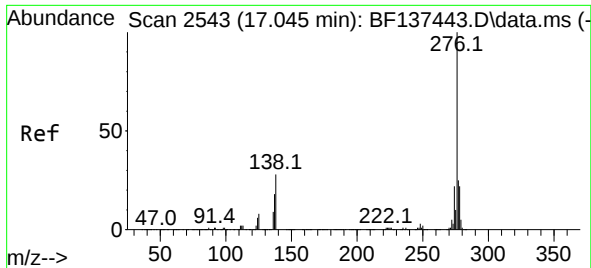
Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.1 17.4 26.0

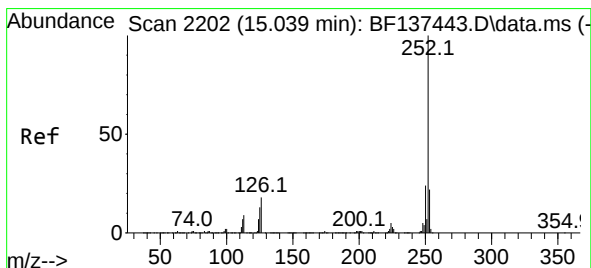
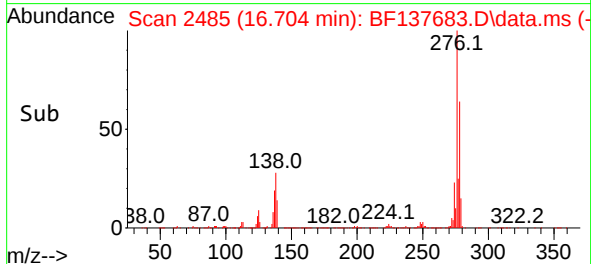
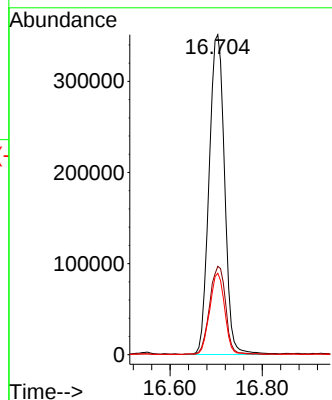
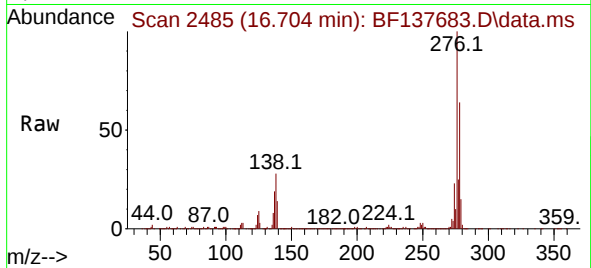




#87
Indeno(1,2,3-cd)pyrene
Concen: 34.224 ng
RT: 16.704 min Scan# 2178
Delta R.T. 0.018 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

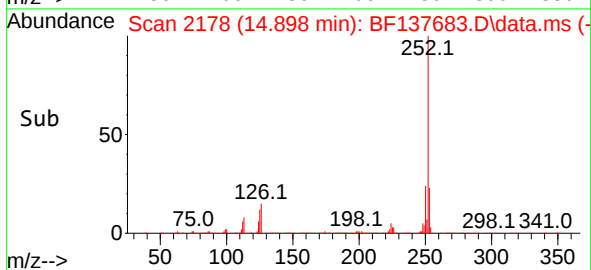
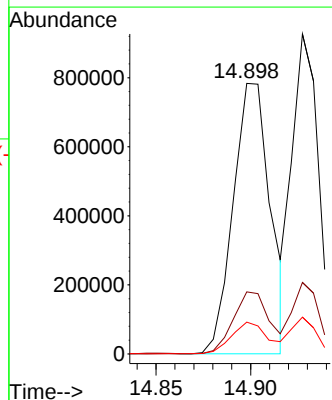
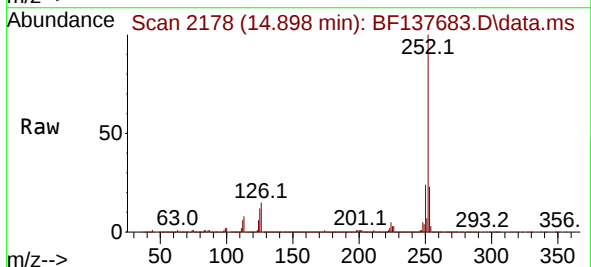
Instrument :
BNA_F
ClientSampleId :
72-11933MSD

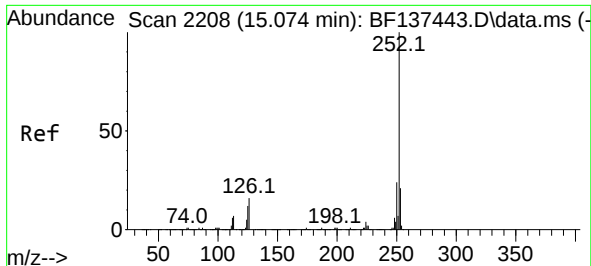
Tgt Ion:276 Resp: 821509
Ion Ratio Lower Upper
276 100
138 28.6 25.8 38.8
277 24.6 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 49.602 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF137683.D
Acq: 22 Mar 2024 15:56

Tgt Ion:252 Resp: 1070268
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.7 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 39.213 ng

RT: 14.927 min Scan# 2118

Delta R.T. 0.006 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

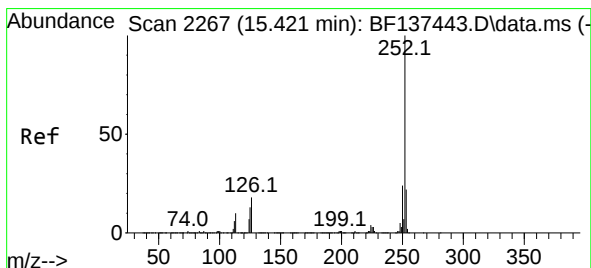
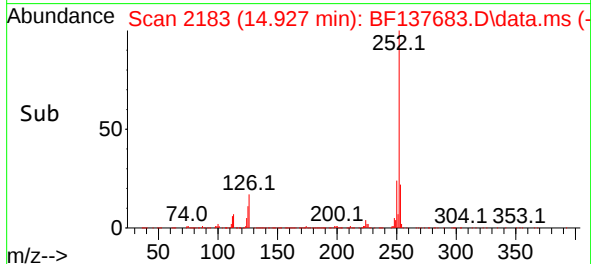
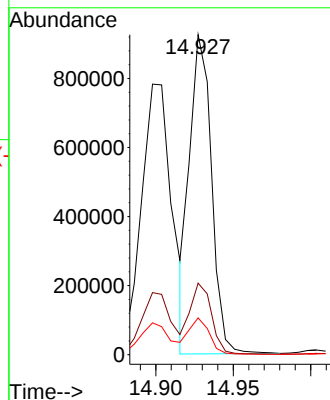
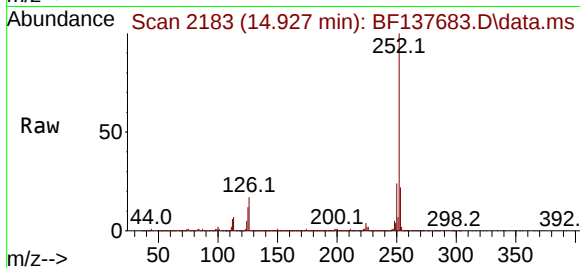
Tgt Ion:252 Resp: 908787

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 11.5 9.6 14.4



#90

Benzo(a)pyrene

Concen: 42.583 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.012 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

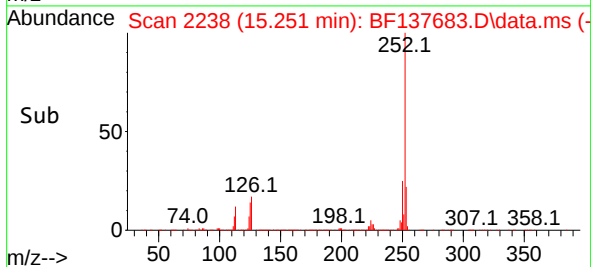
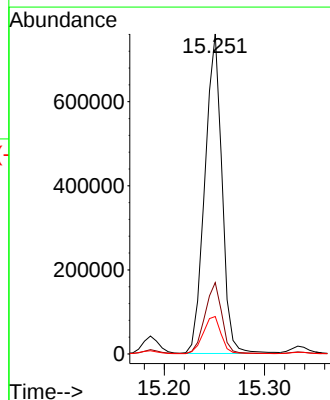
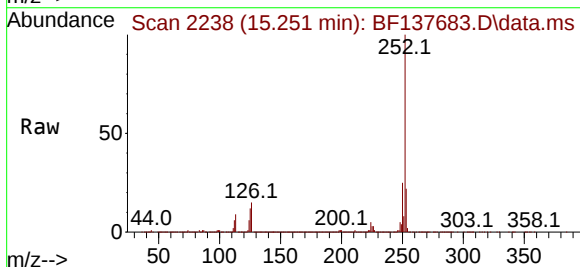
Tgt Ion:252 Resp: 905457

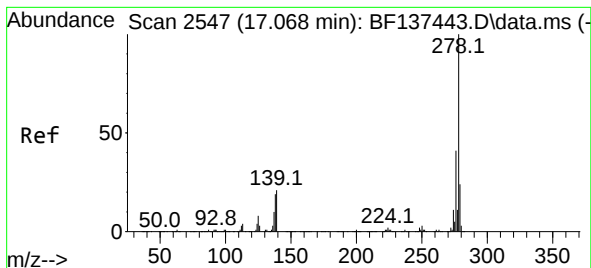
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 11.7 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 33.287 ng

RT: 16.715 min Scan# 24

Delta R.T. 0.018 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Instrument :

BNA_F

ClientSampleId :

72-11933MSD

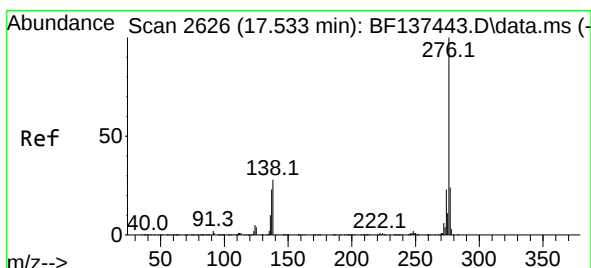
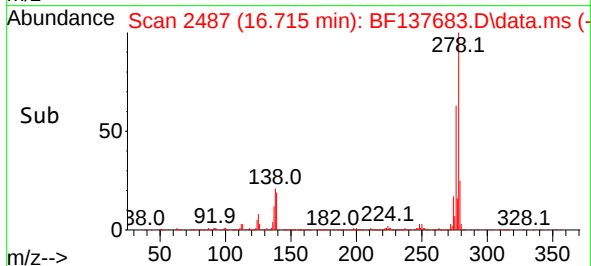
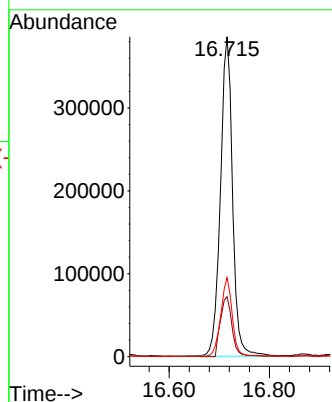
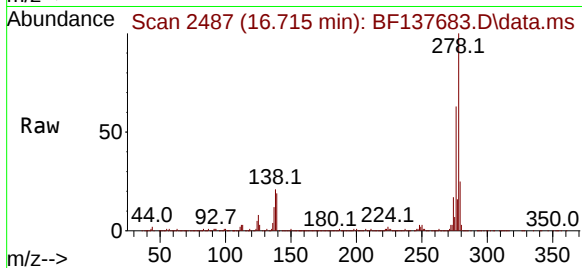
Tgt Ion:278 Resp: 648176

Ion Ratio Lower Upper

278 100

139 18.8 17.0 25.6

279 24.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 30.080 ng

RT: 17.121 min Scan# 2556

Delta R.T. 0.018 min

Lab File: BF137683.D

Acq: 22 Mar 2024 15:56

Tgt Ion:276 Resp: 601533

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 24.5 22.2 33.2

