

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137380.D
 Acq On : 26 Feb 2024 12:19
 Operator : CG\JU
 Sample : PB159110BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159110BSD

Quant Time: Feb 26 12:38:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	223459	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	921708	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	511379	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	914566	20.000	ng	0.00
76) Chrysene-d12	13.980	240	495768	20.000	ng	0.00
86) Perylene-d12	15.457	264	422516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1354804	93.552	ng	0.02
7) Phenol-d6	6.440	99	1888908	88.668	ng	0.00
23) Nitrobenzene-d5	7.363	82	1651264	89.441	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	418951	94.081	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2735221	83.271	ng	0.00
79) Terphenyl-d14	12.927	244	3186246	89.892	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	294858	37.167	ng	98
3) Pyridine	3.410	79	714801	35.814	ng	99
4) n-Nitrosodimethylamine	3.387	42	328750	43.606	ng	98
6) Aniline	6.469	93	866235	34.288	ng	100
8) 2-Chlorophenol	6.587	128	737990	47.512	ng	98
9) Benzaldehyde	6.351	77	216524	21.111	ng	97
10) Phenol	6.451	94	1089280	46.720	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	796028	46.987	ng	96
12) 1,3-Dichlorobenzene	6.740	146	762423	45.708	ng	99
13) 1,4-Dichlorobenzene	6.816	146	783347	45.614	ng	99
14) 1,2-Dichlorobenzene	6.969	146	736451	46.361	ng	98
15) Benzyl Alcohol	6.945	79	664563	52.333	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1294727	45.979	ng	100
17) 2-Methylphenol	7.057	107	656856	44.695	ng	98
18) Hexachloroethane	7.304	117	268255	45.330	ng	95
19) n-Nitroso-di-n-propyla...	7.216	70	588945	44.864	ng	99
20) 3+4-Methylphenols	7.210	107	753478	44.982	ng	94
22) Acetophenone	7.210	105	1020601	45.663	ng	98
24) Nitrobenzene	7.381	77	860339	45.862	ng	95
25) Isophorone	7.622	82	1737133	45.499	ng	100
26) 2-Nitrophenol	7.698	139	343970	47.986	ng	99
27) 2,4-Dimethylphenol	7.740	122	686638	48.902	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	1016485	46.191	ng	99
29) 2,4-Dichlorophenol	7.939	162	638340	48.505	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	646831	45.791	ng	99
31) Naphthalene	8.098	128	2149137	43.449	ng	99
32) Benzoic acid	7.881	122	361051	42.888	ng	98
33) 4-Chloroaniline	8.151	127	339383	18.040	ng	97
34) Hexachlorobutadiene	8.216	225	367625	43.809	ng	99
35) Caprolactam	8.528	113	107706	26.465	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	707683	47.433	ng	97
37) 2-Methylnaphthalene	8.792	142	1344359	42.179	ng	99
38) 1-Methylnaphthalene	8.892	142	1277541	42.394	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	631346	44.825	ng	99
41) Hexachlorocyclopentadiene	8.945	237	759780	118.977	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	443988	48.617	ng	97

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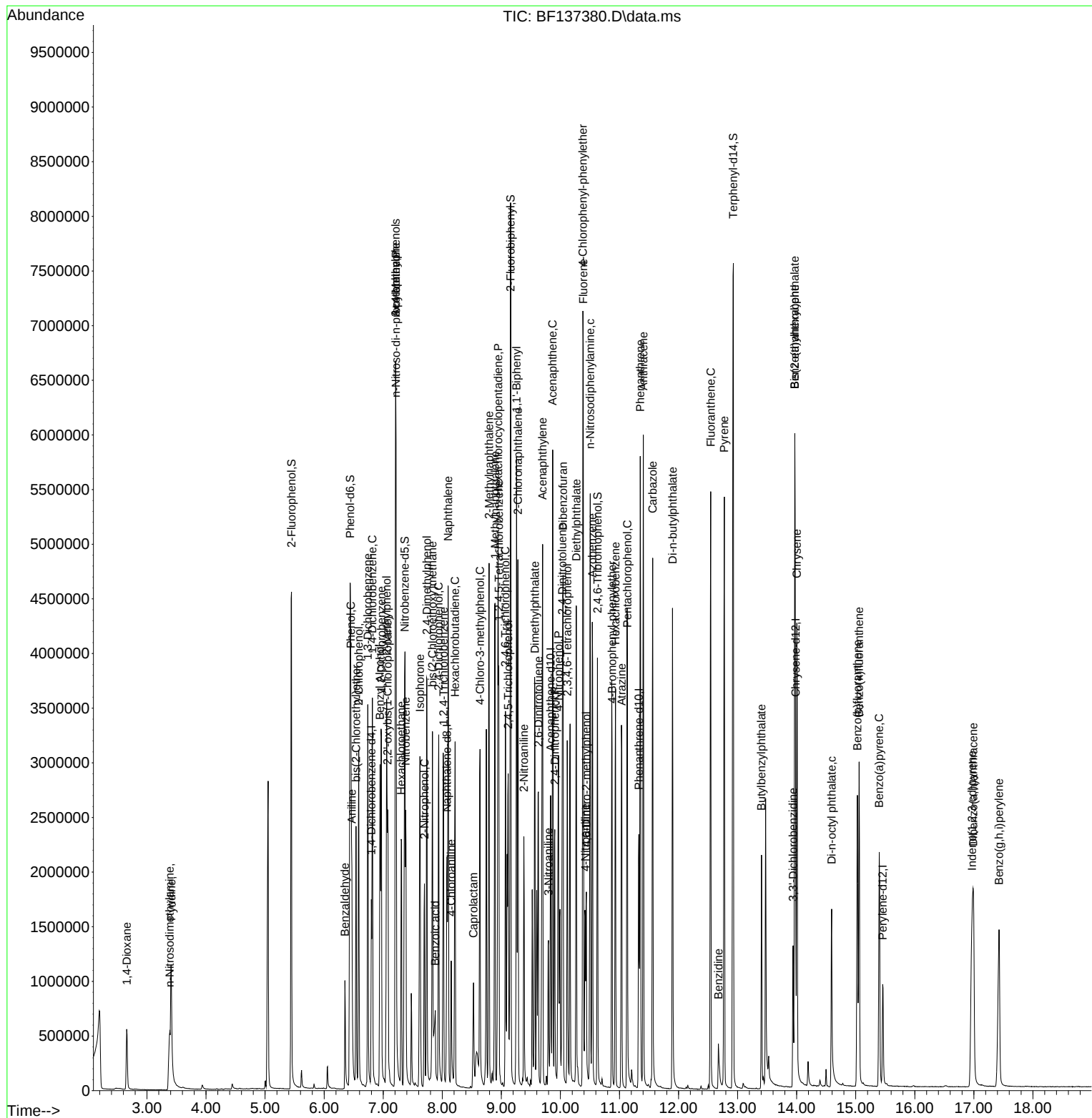
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	478452	45.666	ng	98
46) 1,1'-Biphenyl	9.257	154	1666485	44.743	ng	99
47) 2-Chloronaphthalene	9.281	162	1310196	46.580	ng	100
48) 2-Nitroaniline	9.381	65	409302	47.919	ng	100
49) Acenaphthylene	9.698	152	2045295	44.755	ng	100
50) Dimethylphthalate	9.569	163	1624469	45.972	ng	98
51) 2,6-Dinitrotoluene	9.628	165	344236	52.365	ng	97
52) Acenaphthene	9.869	154	1211005	44.392	ng	100
53) 3-Nitroaniline	9.798	138	233044	31.859	ng	97
54) 2,4-Dinitrophenol	9.904	184	321419	97.061	ng	95
55) Dibenzofuran	10.045	168	1849943	43.877	ng	99
56) 4-Nitrophenol	9.969	139	573941	101.679	ng	99
57) 2,4-Dinitrotoluene	10.033	165	420875	50.581	ng	97
58) Fluorene	10.386	166	1407145	43.702	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	399927	46.096	ng	100
60) Diethylphthalate	10.269	149	1518446	46.026	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	692638	43.730	ng	97
62) 4-Nitroaniline	10.422	138	301654	43.774	ng	98
63) Azobenzene	10.539	77	1764144	44.694	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	215230	48.116	ng	90
66) n-Nitrosodiphenylamine	10.504	169	1289326	43.408	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	448149	45.581	ng	98
68) Hexachlorobenzene	10.933	284	477503	46.948	ng	98
69) Atrazine	11.039	200	421958	52.641	ng	100
70) Pentachlorophenol	11.133	266	559793	86.870	ng	98
71) Phenanthrene	11.351	178	2184325	43.290	ng	100
72) Anthracene	11.404	178	2235827	42.997	ng	99
73) Carbazole	11.563	167	1981597	44.602	ng	99
74) Di-n-butylphthalate	11.898	149	2289829	51.509	ng	100
75) Fluoranthene	12.545	202	2139405	43.437	ng	100
77) Benzidine	12.674	184	280934	35.327	ng	98
78) Pyrene	12.774	202	2182800	46.563	ng	99
80) Butylbenzylphthalate	13.404	149	403915	55.426	ng	94
81) Benzo(a)anthracene	13.969	228	1588689	46.180	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	319289	40.660	ng	99
83) Chrysene	14.004	228	1575251	44.824	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	504703	54.260	ng	99
85) Di-n-octyl phthalate	14.592	149	911525	54.797	ng	94
87) Indeno(1,2,3-cd)pyrene	16.968	276	1414954	48.350	ng	99
88) Benzo(b)fluoranthene	15.027	252	1222989	47.185	ng	98
89) Benzo(k)fluoranthene	15.057	252	1315337	48.418	ng	99
90) Benzo(a)pyrene	15.398	252	1124192	45.726	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1175468	49.006	ng	97
92) Benzo(g,h,i)perylene	17.427	276	1197810	48.319	ng	100

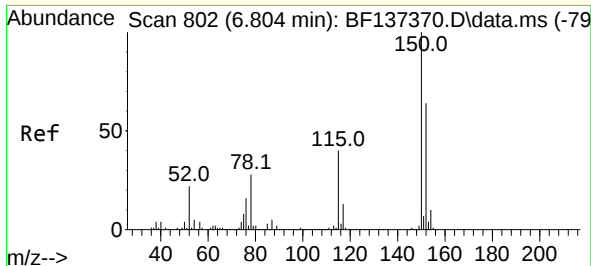
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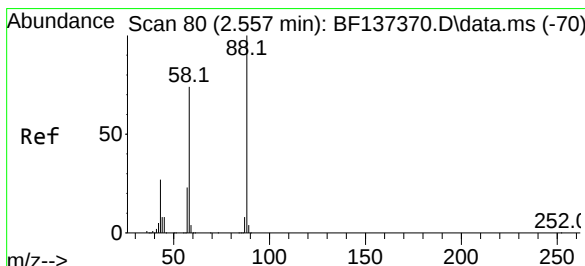
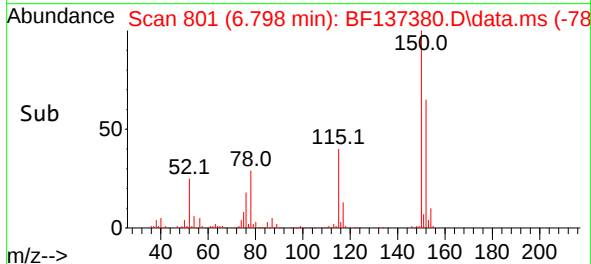
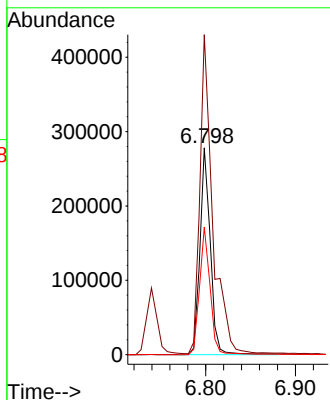
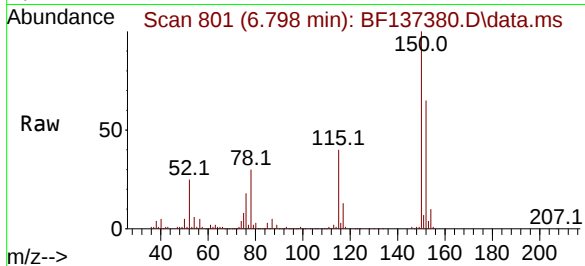




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF137380.D
 Acq: 26 Feb 2024 12:19

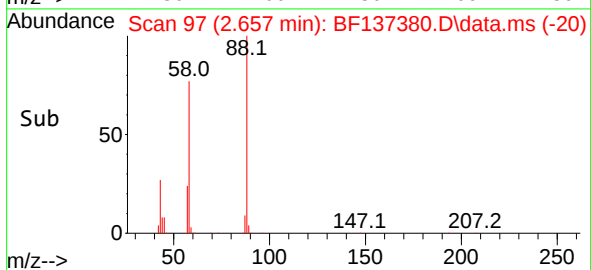
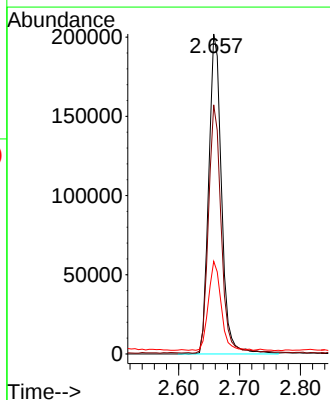
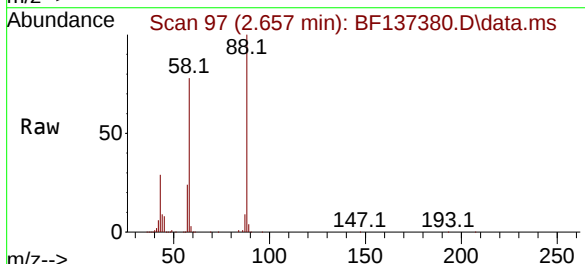
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 ClientSampleId :
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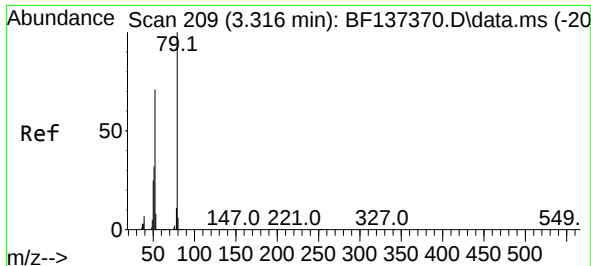
Tgt Ion:152 Resp: 223459
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.7 188.5
 115 61.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 37.167 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.100 min
 Lab File: BF137380.D
 Acq: 26 Feb 2024 12:19

Tgt Ion: 88 Resp: 294858
 Ion Ratio Lower Upper
 88 100
 58 77.5 60.6 91.0
 43 27.5 22.0 33.0

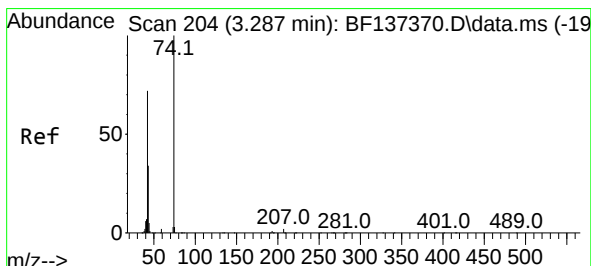
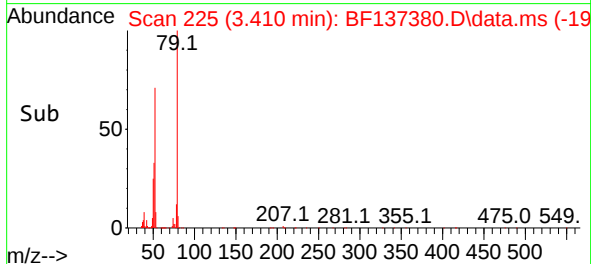
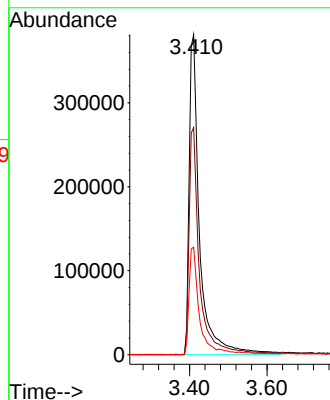
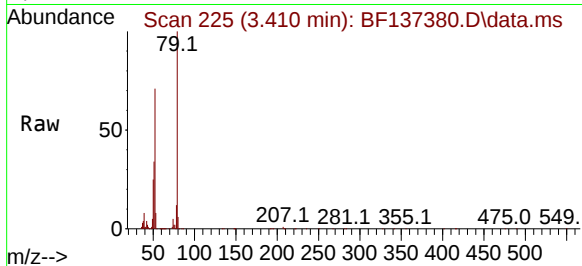




#3
Pyridine
Concen: 35.814 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

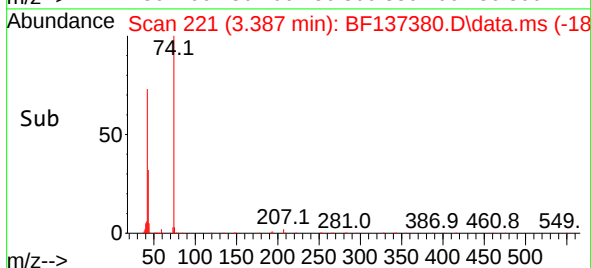
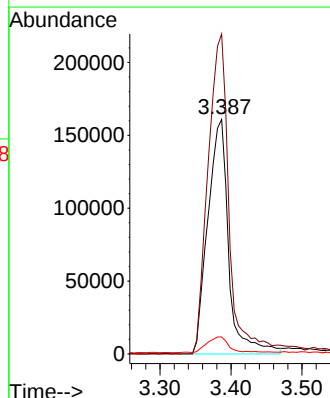
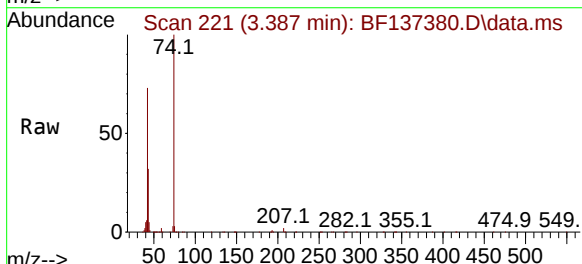
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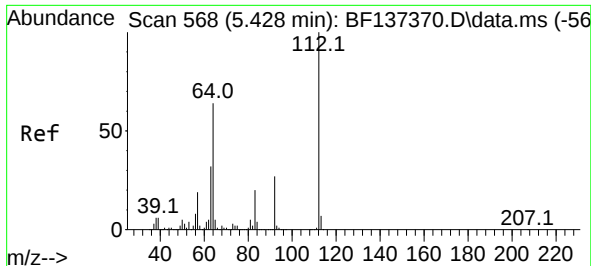
Tgt Ion: 79 Resp: 714801
Ion Ratio Lower Upper
79 100
52 71.0 56.5 84.7
51 33.6 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 43.606 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.100 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 42 Resp: 328750
Ion Ratio Lower Upper
42 100
74 136.4 110.8 166.2
44 7.2 6.0 9.0

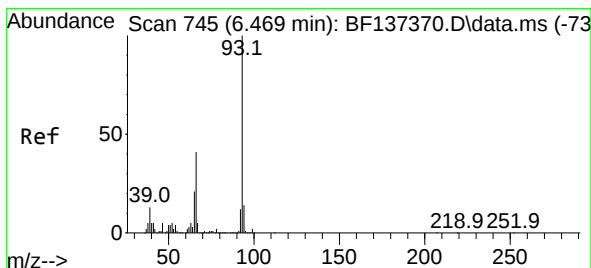
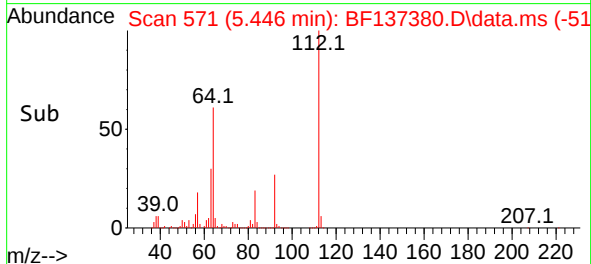
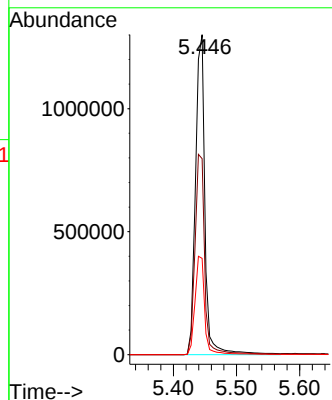
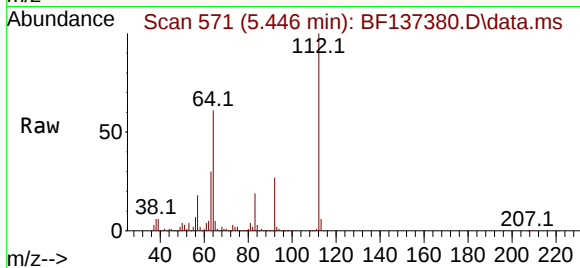




#5
2-Fluorophenol
Concen: 93.552 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

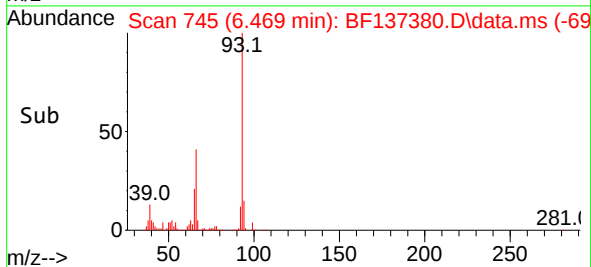
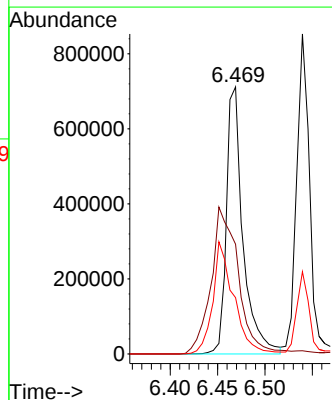
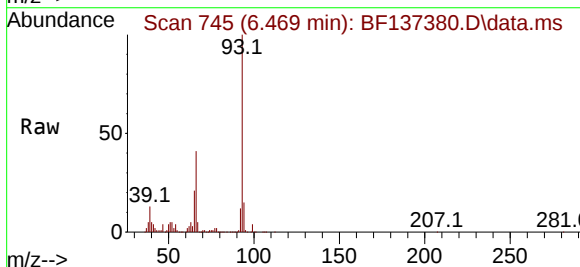
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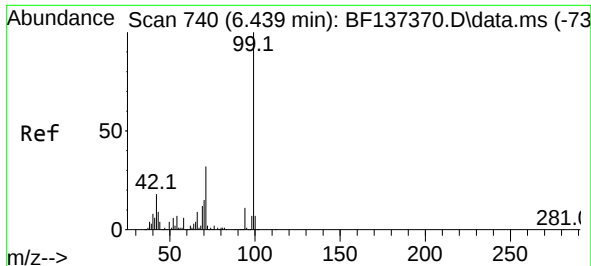
Tgt Ion:112 Resp: 1354804
Ion Ratio Lower Upper
112 100
64 61.3 51.0 76.6
63 30.1 25.7 38.5



#6
Aniline
Concen: 34.288 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 93 Resp: 866235
Ion Ratio Lower Upper
93 100
66 41.1 33.0 49.4
65 21.1 17.0 25.6

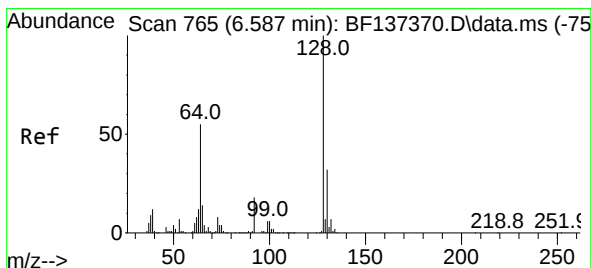
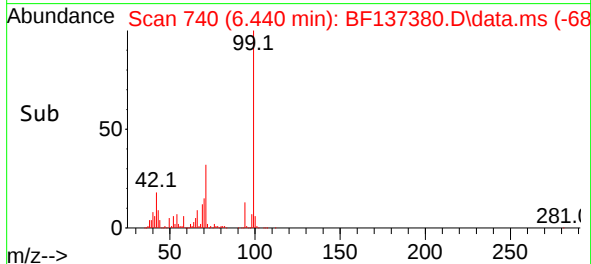
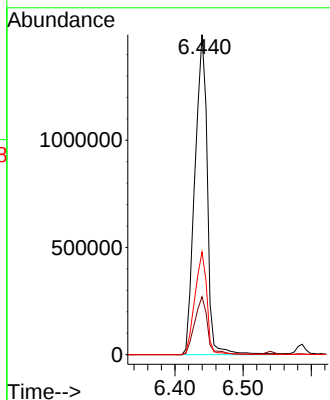
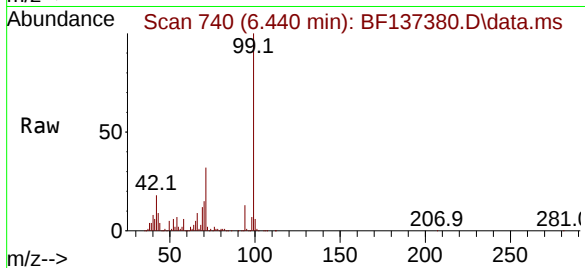




#7
Phenol-d6
Concen: 88.668 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

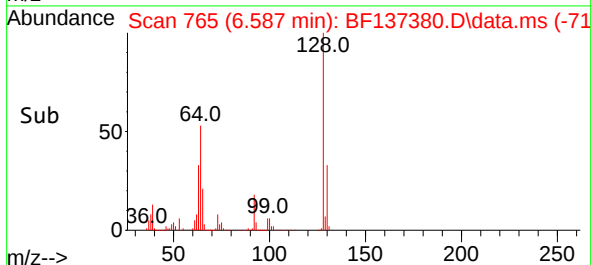
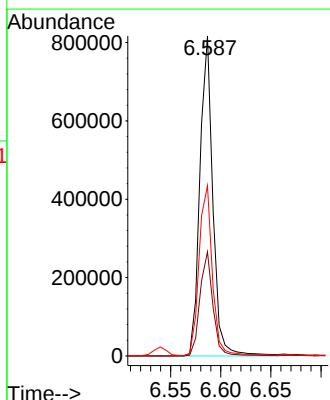
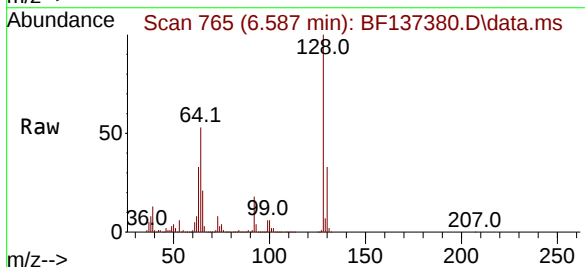
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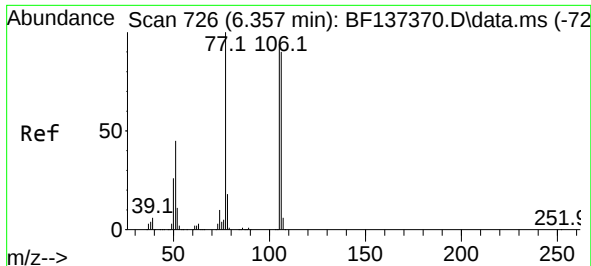
Tgt Ion: 99 Resp: 1888908
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 32.1 25.2 37.8



#8
2-Chlorophenol
Concen: 47.512 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 128 Resp: 737990
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 53.2 35.3 75.3





#9

Benzaldehyde

Concen: 21.111 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

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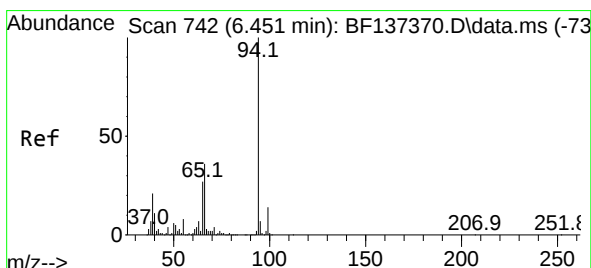
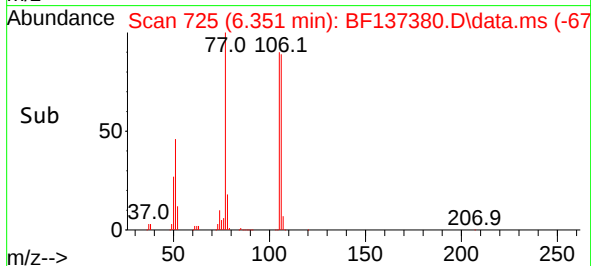
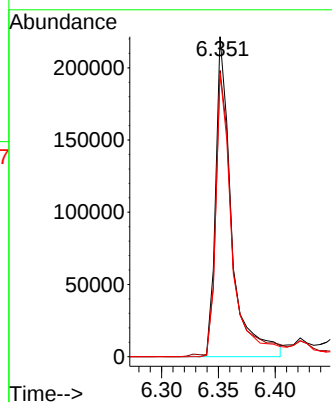
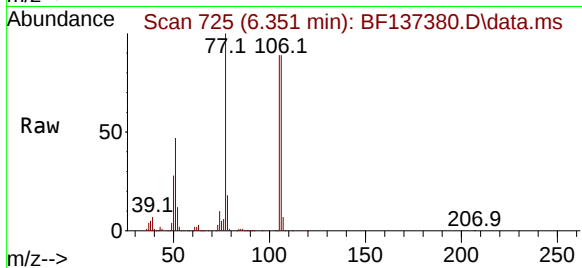
Tgt Ion: 77 Resp: 216524

Ion Ratio Lower Upper

77 100

105 89.4 74.1 114.1

106 88.6 70.2 110.2



#10

Phenol

Concen: 46.720 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF137380.D

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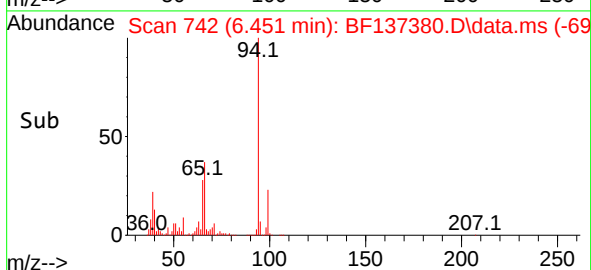
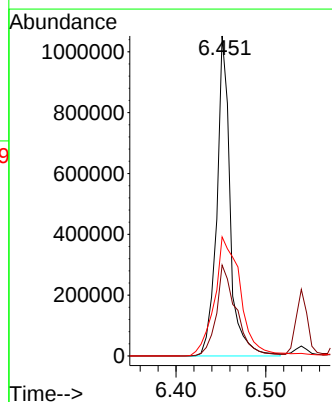
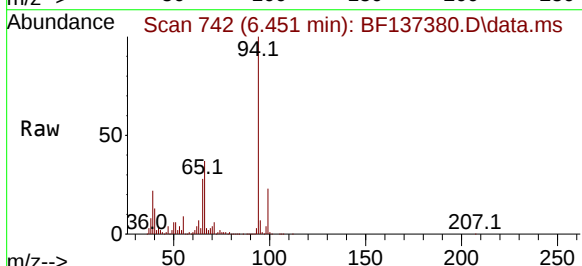
Tgt Ion: 94 Resp: 1089280

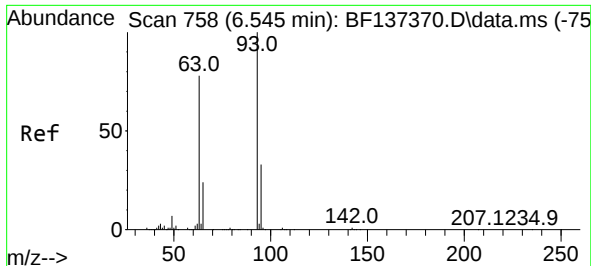
Ion Ratio Lower Upper

94 100

65 28.4 7.4 47.4

66 37.2 15.6 55.6





#11

bis(2-Chloroethyl)ether

Concen: 46.987 ng

RT: 6.540 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

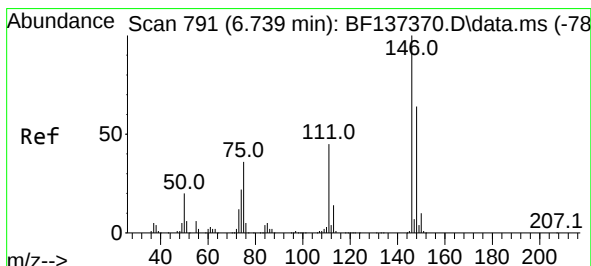
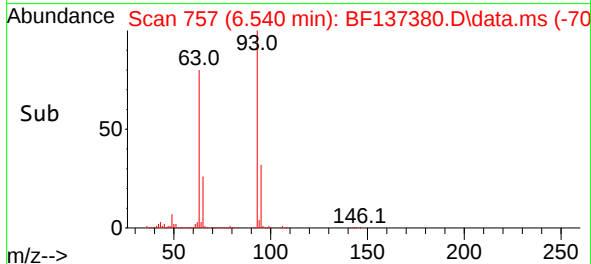
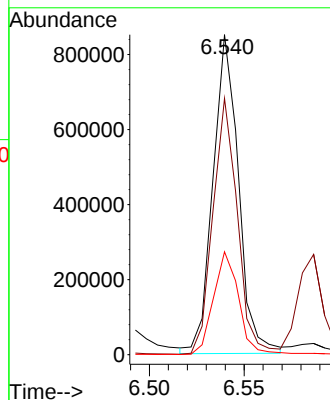
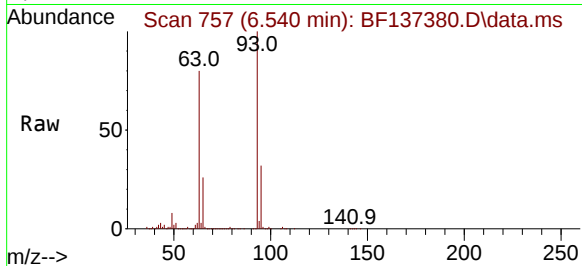
Tgt Ion: 93 Resp: 796028

Ion Ratio Lower Upper

93 100

63 80.1 56.1 96.1

95 32.1 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 45.708 ng

RT: 6.740 min Scan# 791

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

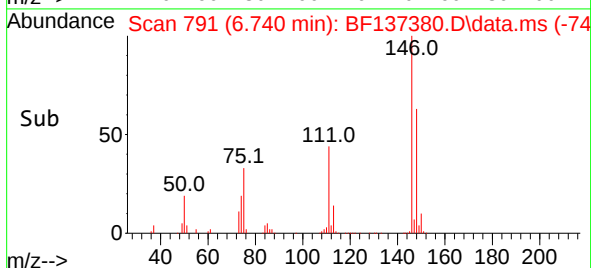
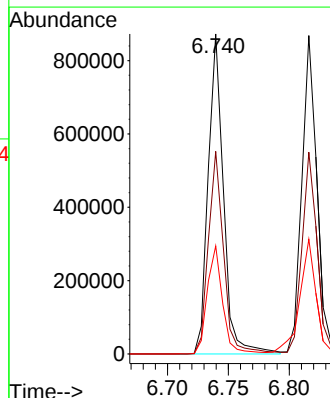
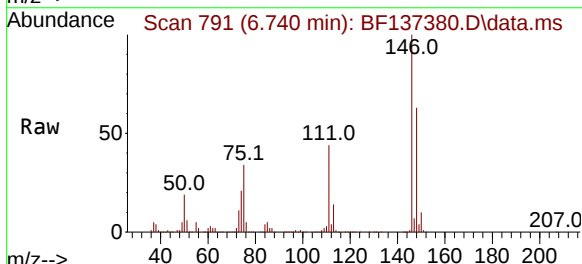
Tgt Ion: 146 Resp: 762423

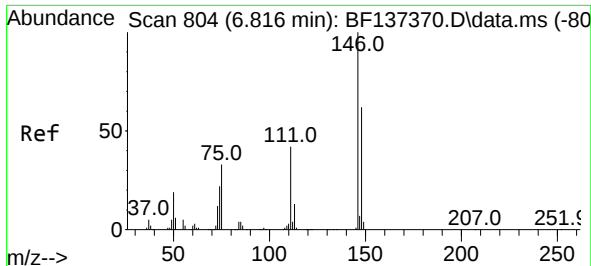
Ion Ratio Lower Upper

146 100

148 63.3 50.9 76.3

75 33.7 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 45.614 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

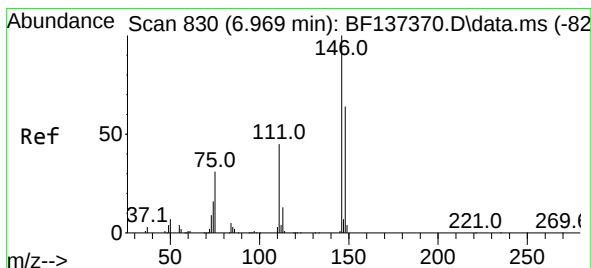
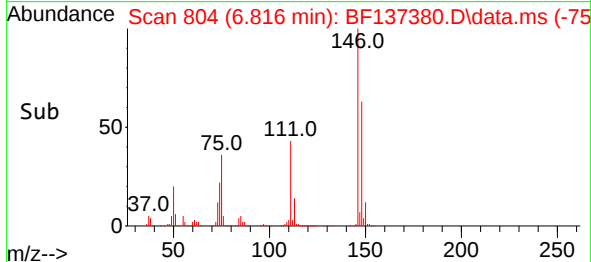
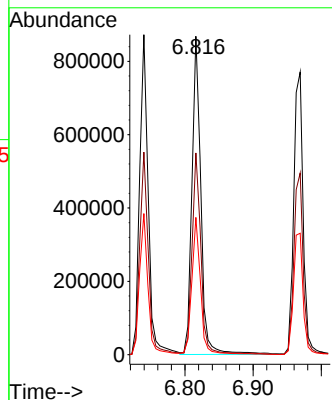
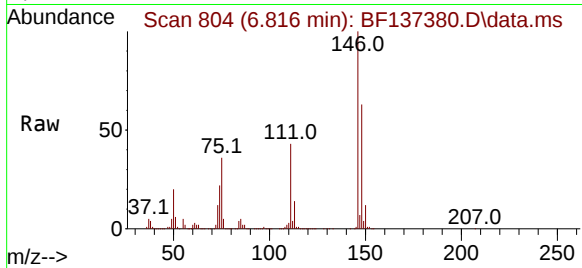
Tgt Ion:146 Resp: 783347

Ion Ratio Lower Upper

146 100

148 63.3 49.9 74.9

111 43.1 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 46.361 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

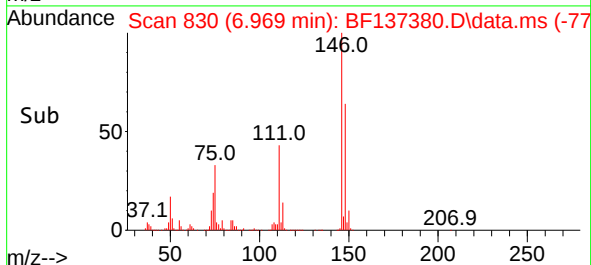
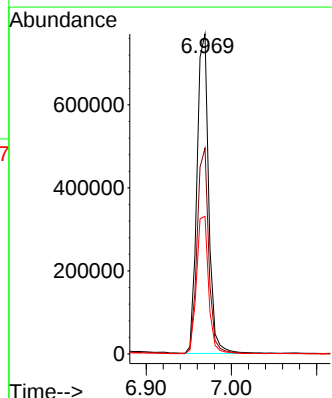
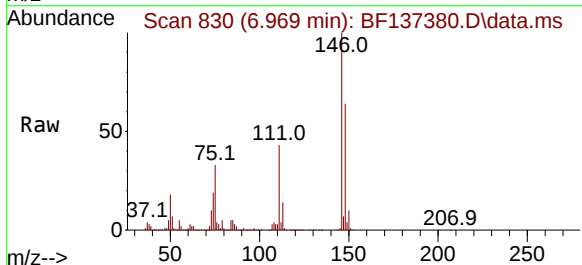
Tgt Ion:146 Resp: 736451

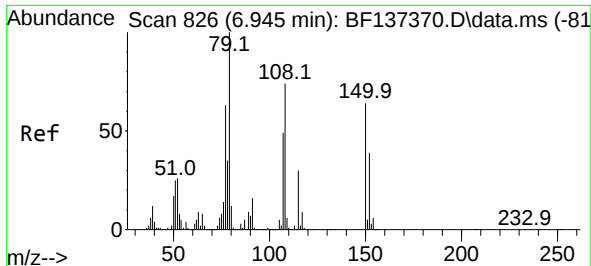
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

111 43.0 36.6 54.8

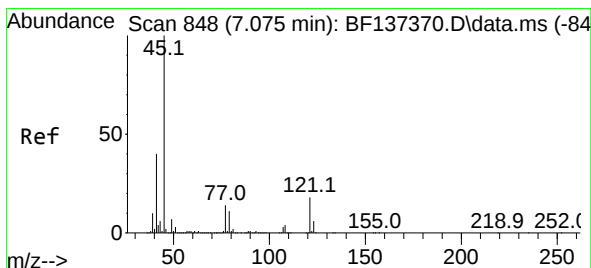
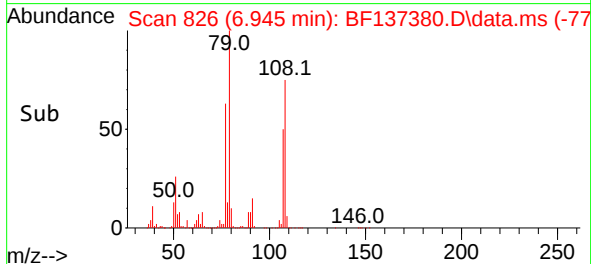
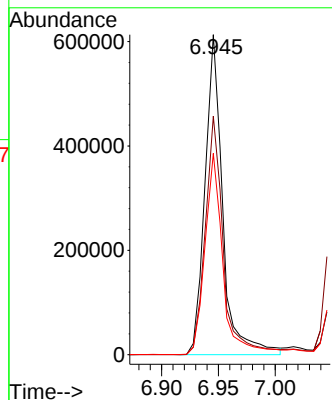
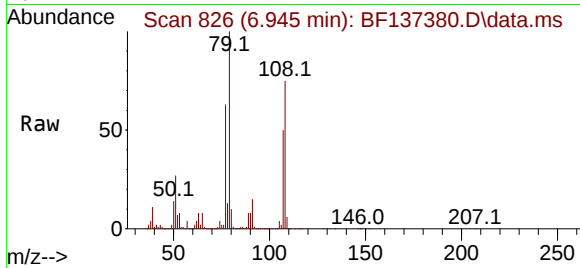




#15
Benzyl Alcohol
Concen: 52.333 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

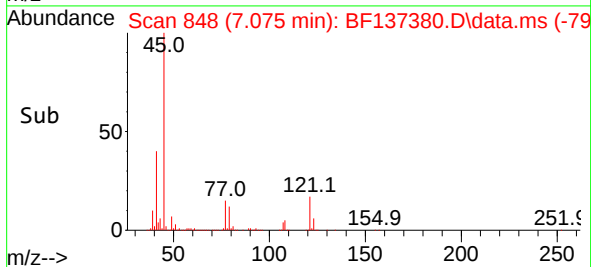
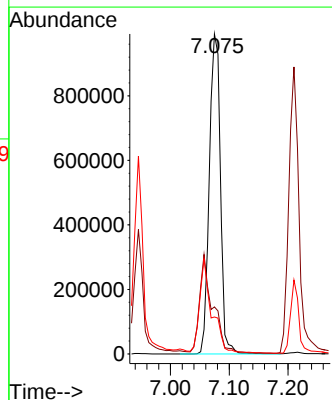
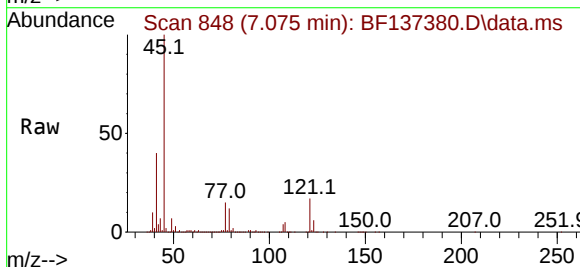
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

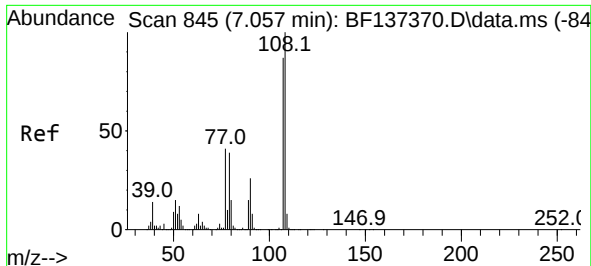
Tgt Ion: 79 Resp: 664563
Ion Ratio Lower Upper
79 100
108 74.5 59.5 89.3
77 62.9 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.979 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 45 Resp: 1294727
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 11.6 0.0 31.6

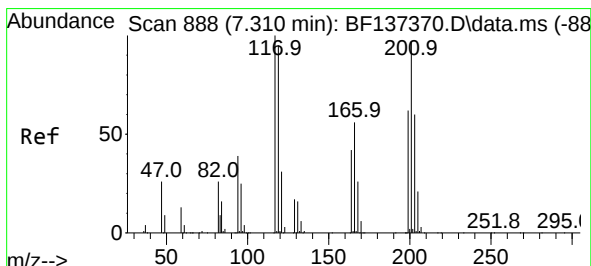
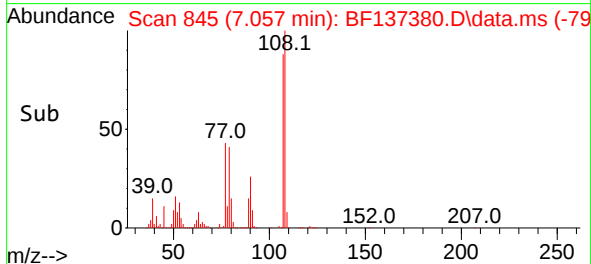
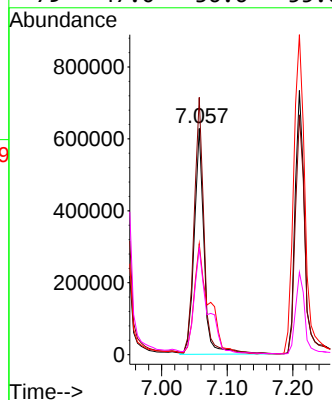
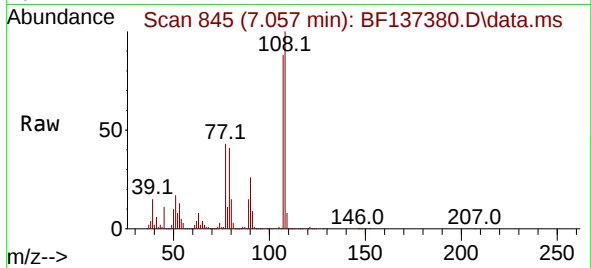




#17
2-Methylphenol
Concen: 44.695 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

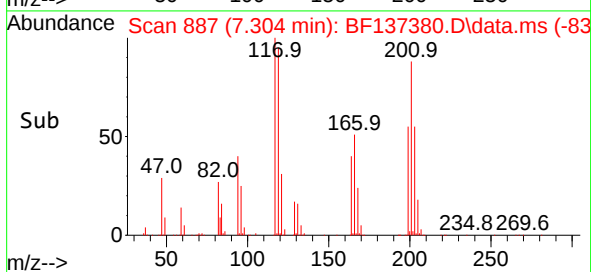
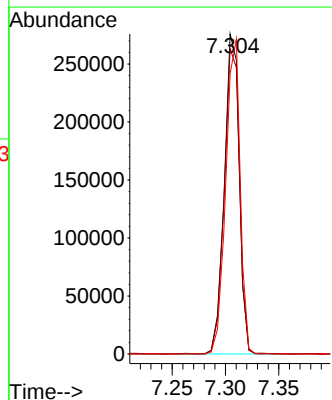
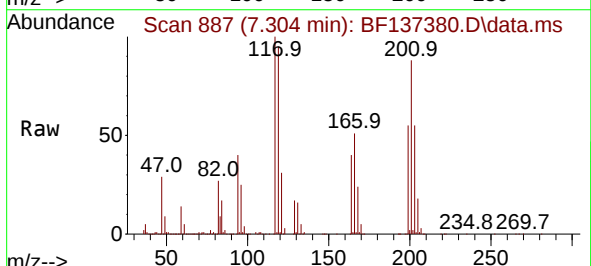
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

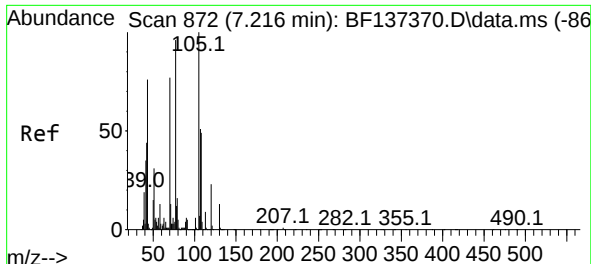
Tgt Ion:107 Resp: 656856
Ion Ratio Lower Upper
107 100
108 113.7 92.2 138.4
77 49.0 38.1 57.1
79 47.0 36.6 55.0



#18
Hexachloroethane
Concen: 45.330 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:117 Resp: 268255
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
201 87.5 77.6 116.4



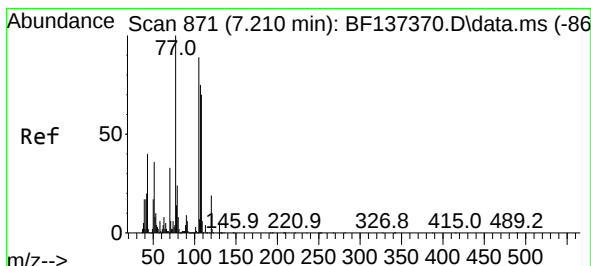
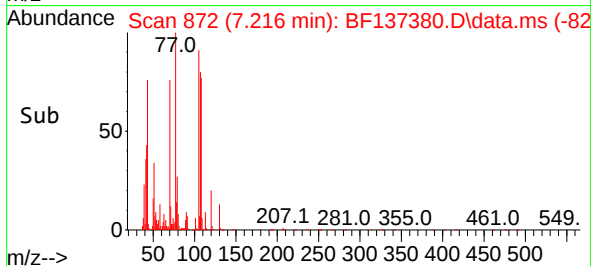
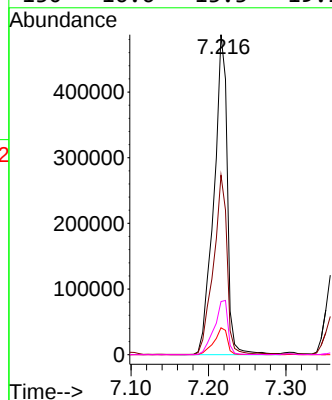
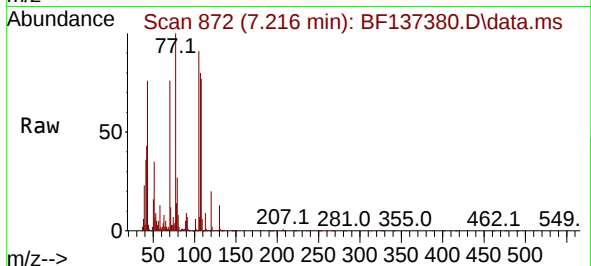


#19
n-Nitroso-di-n-propylamine
Concen: 44.864 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB159110BSD

Tgt Ion: 70 Resp: 588945

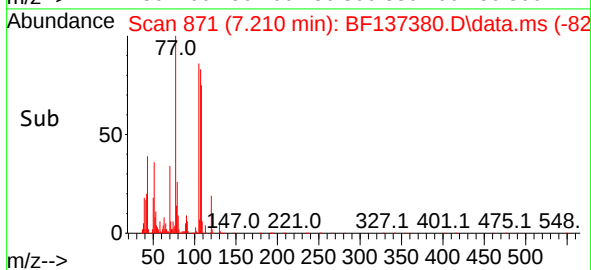
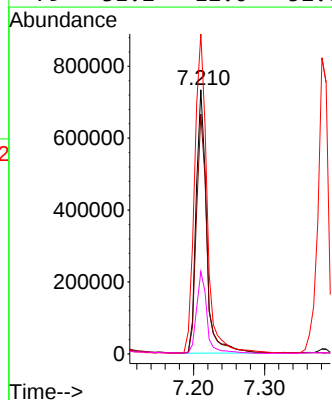
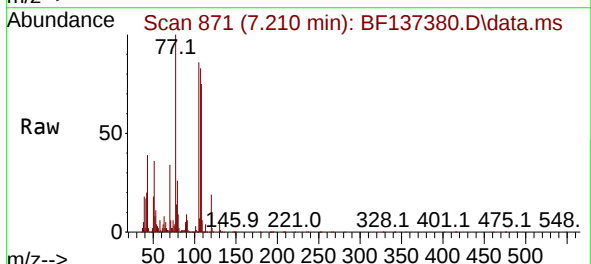
Ion	Ratio	Lower	Upper
70	100		
42	56.1	45.3	67.9
101	8.4	6.5	9.7
130	16.6	13.3	19.9

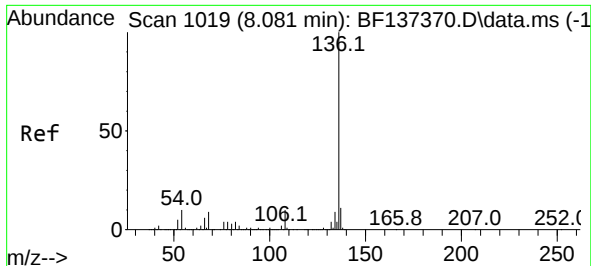


#20
3+4-Methylphenols
Concen: 44.982 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 107 Resp: 753478

Ion	Ratio	Lower	Upper
107	100		
108	90.8	73.1	113.1
77	121.1	113.6	153.6
79	31.2	12.0	52.0



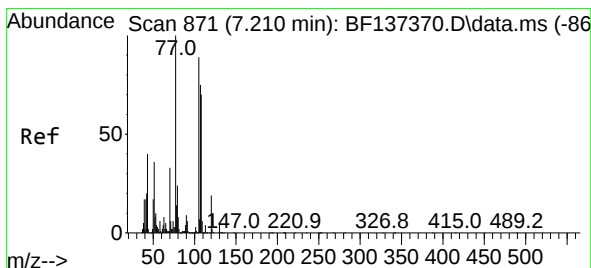
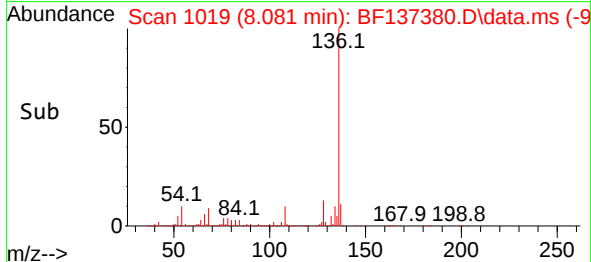
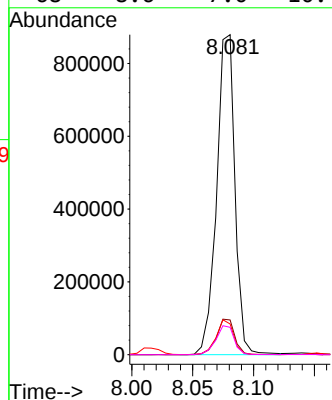
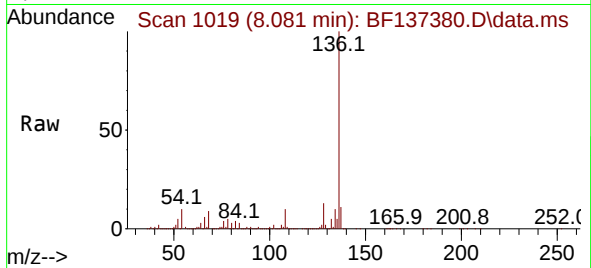


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB159110BSD

Tgt Ion:136 Resp: 921708

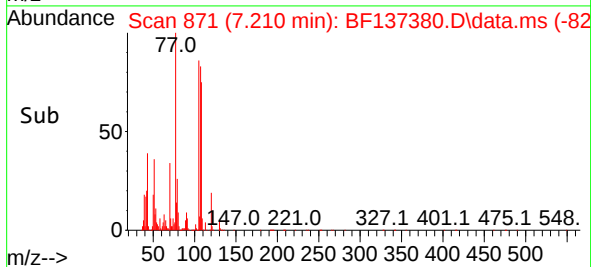
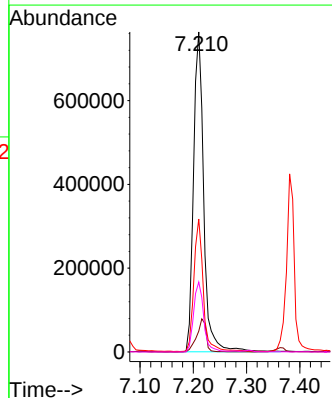
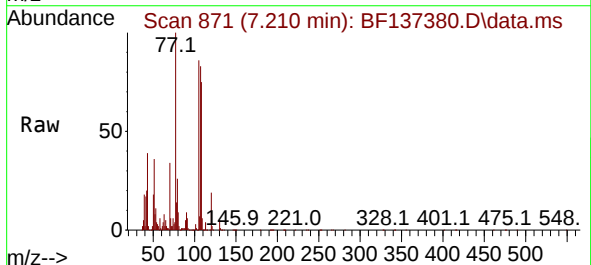
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.6	7.8	11.6
68	8.6	7.0	10.4

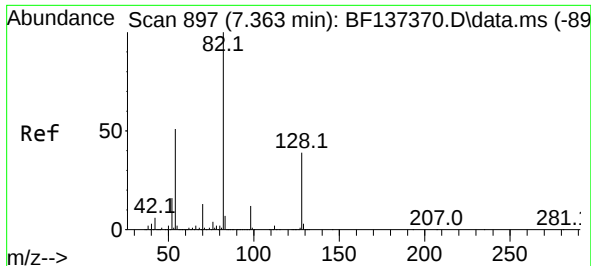


#22
Acetophenone
Concen: 45.663 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:105 Resp: 1020601

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.0	7.6
51	41.5	32.2	48.4
120	21.8	17.0	25.4

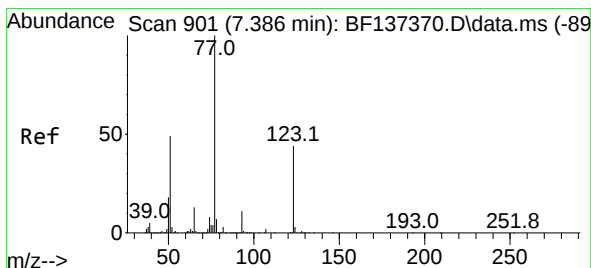
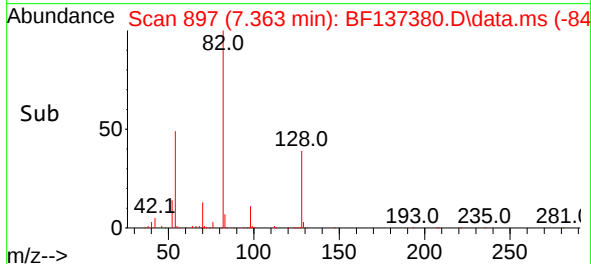
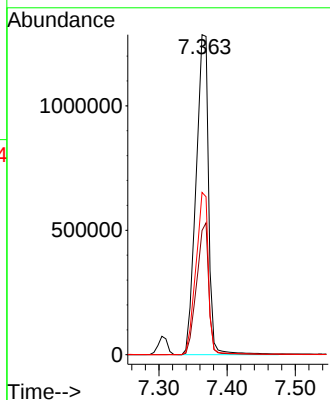
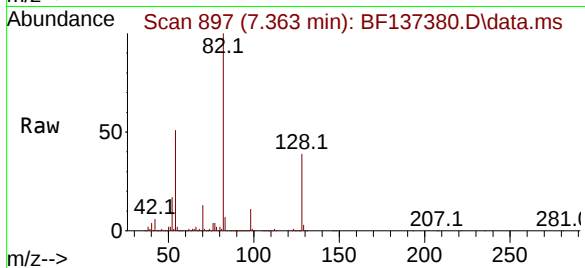




#23
Nitrobenzene-d5
Concen: 89.441 ng
RT: 7.363 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

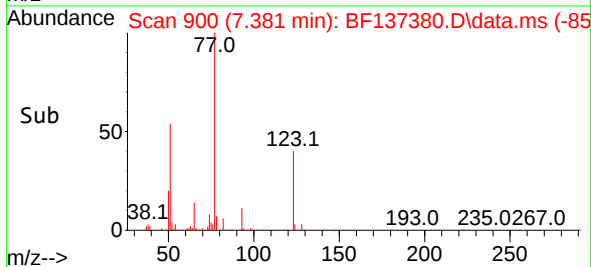
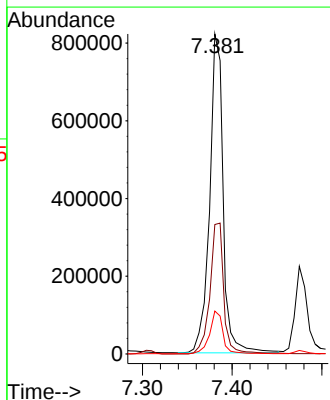
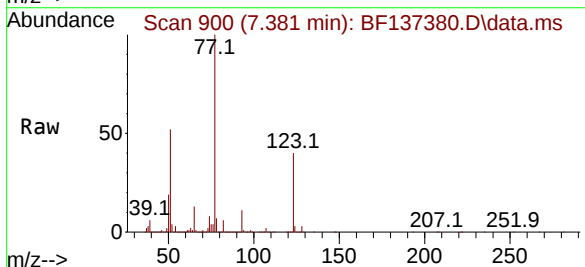
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

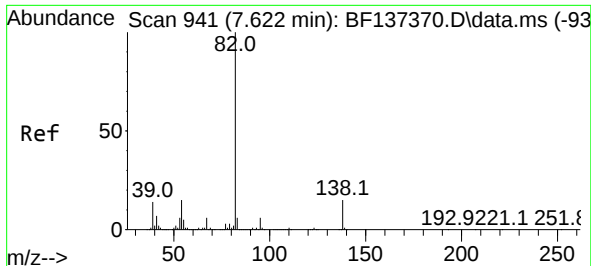
Tgt Ion: 82 Resp: 1651264
Ion Ratio Lower Upper
82 100
128 38.8 30.8 46.2
54 50.7 40.8 61.2



#24
Nitrobenzene
Concen: 45.862 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 77 Resp: 860339
Ion Ratio Lower Upper
77 100
123 40.4 35.4 53.0
65 13.4 10.3 15.5

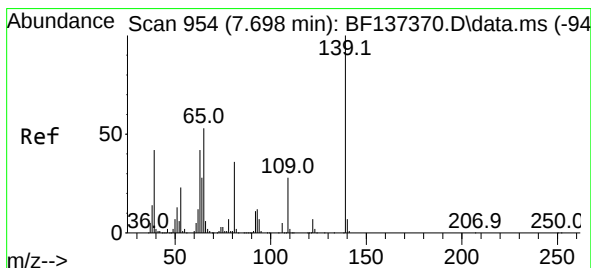
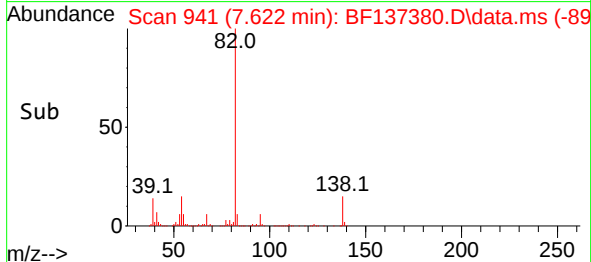
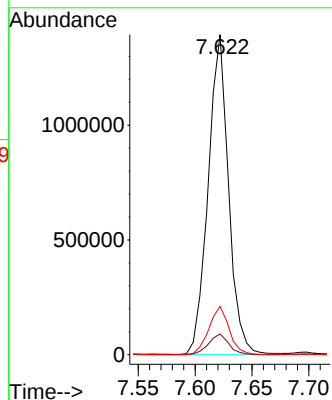
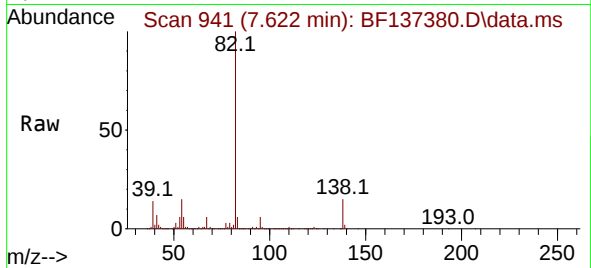




#25
Isophorone
Concen: 45.499 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

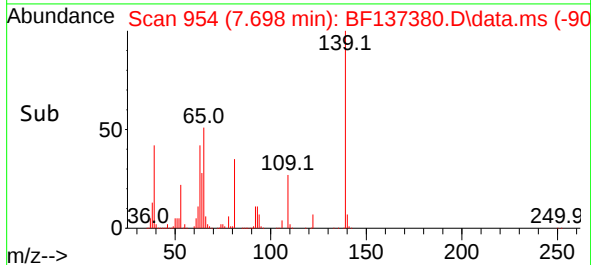
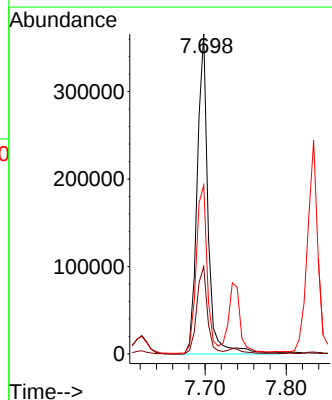
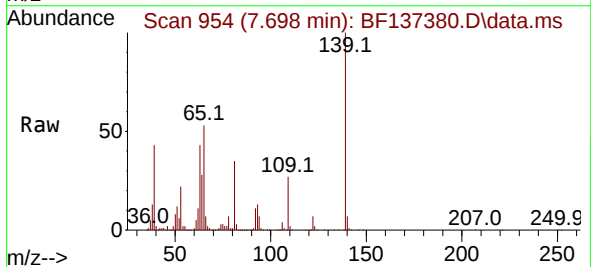
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

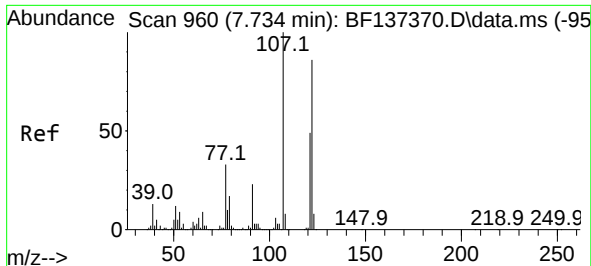
Tgt Ion: 82 Resp: 1737133
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.1 12.2 18.4



#26
2-Nitrophenol
Concen: 47.986 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 139 Resp: 343970
Ion Ratio Lower Upper
139 100
109 27.3 22.5 33.7
65 52.7 42.3 63.5

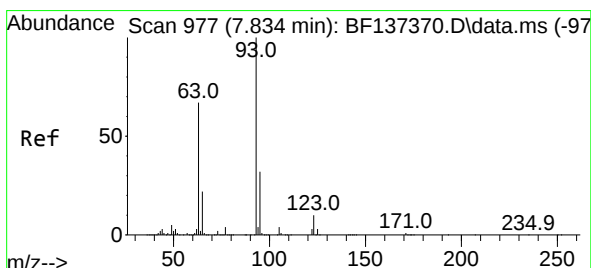
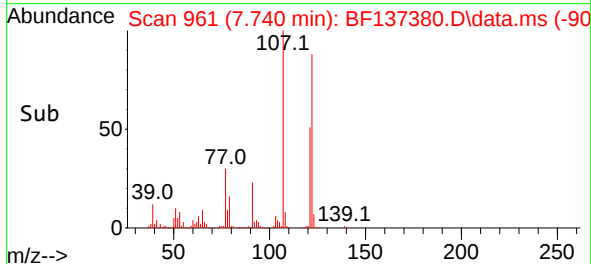
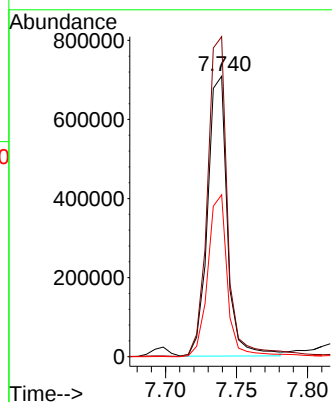
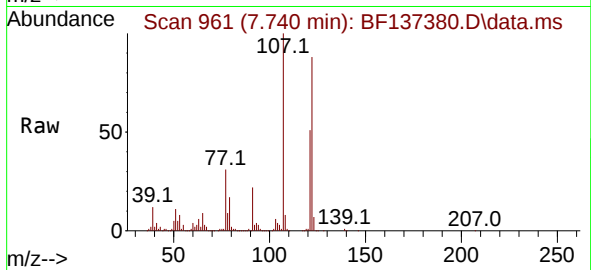




#27
2,4-Dimethylphenol
Concen: 48.902 ng
RT: 7.740 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

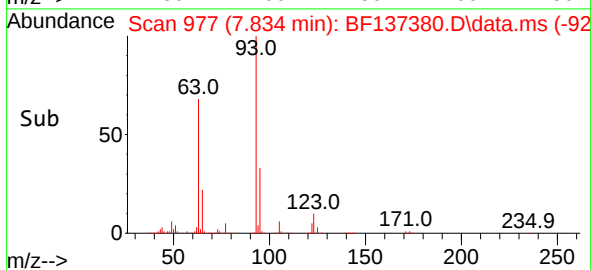
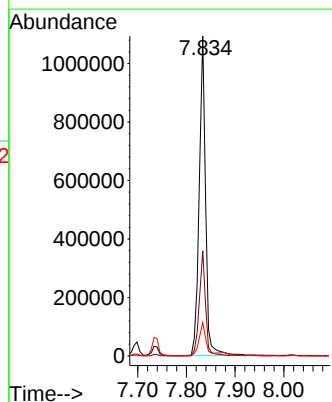
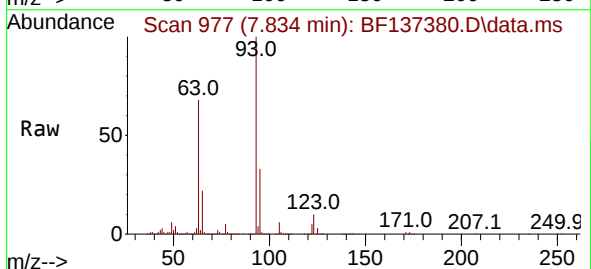
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

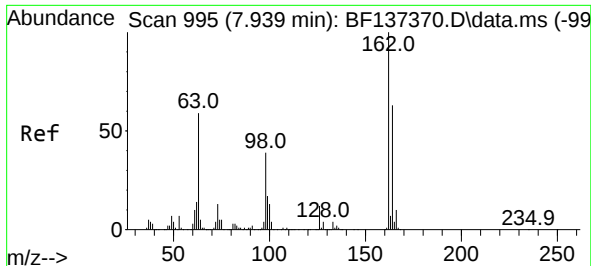
Tgt Ion:122 Resp: 686638
Ion Ratio Lower Upper
122 100
107 114.1 92.7 139.1
121 57.8 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.191 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 93 Resp: 1016485
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 10.4 8.2 12.4

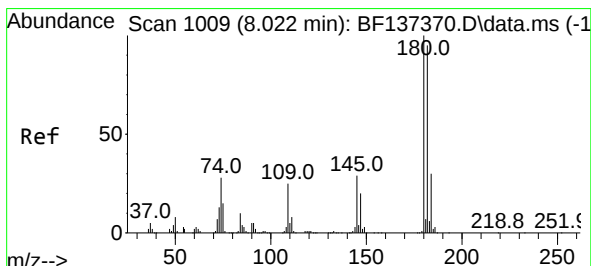
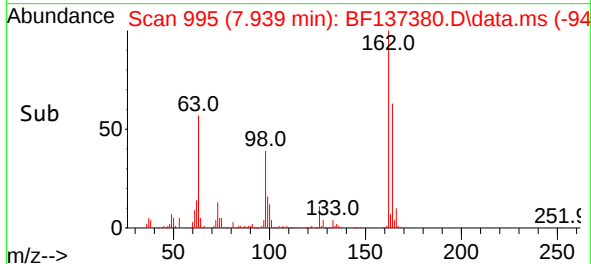
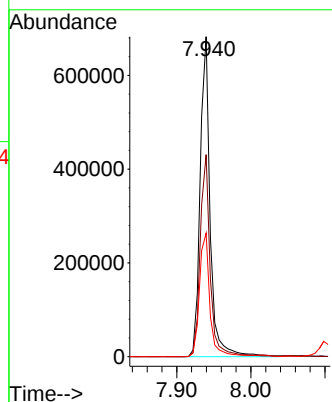
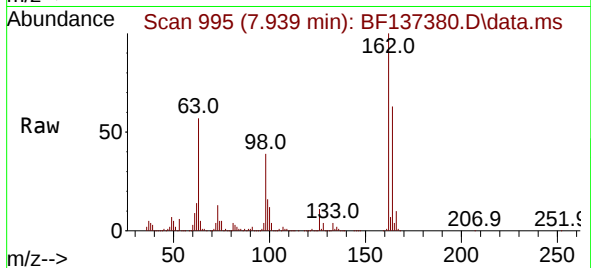




#29
2,4-Dichlorophenol
Concen: 48.505 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

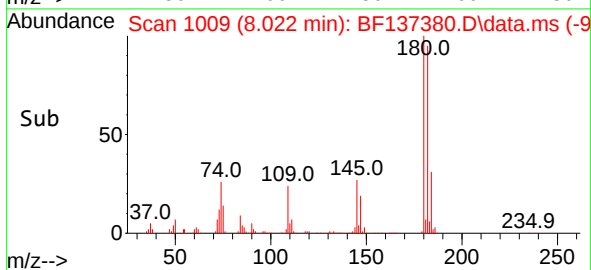
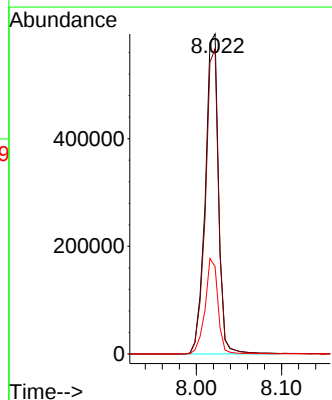
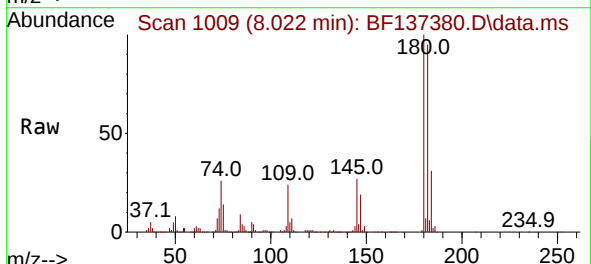
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

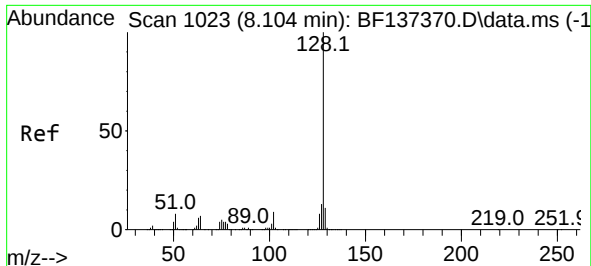
Tgt Ion:162 Resp: 638340
Ion Ratio Lower Upper
162 100
164 63.1 43.1 83.1
98 38.6 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 45.791 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:180 Resp: 646831
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.6
145 27.3 23.4 35.0

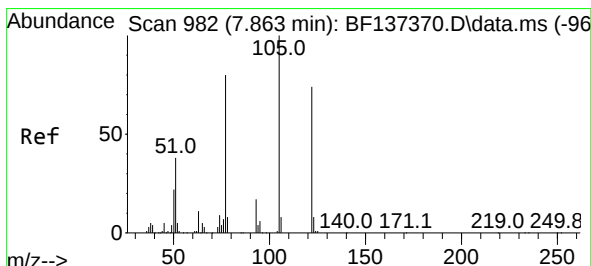
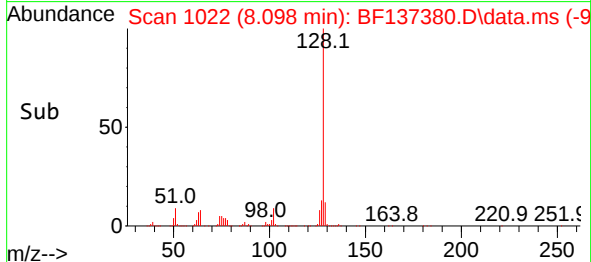
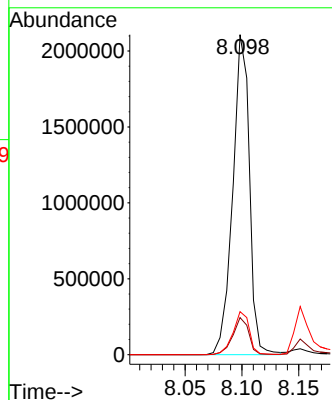
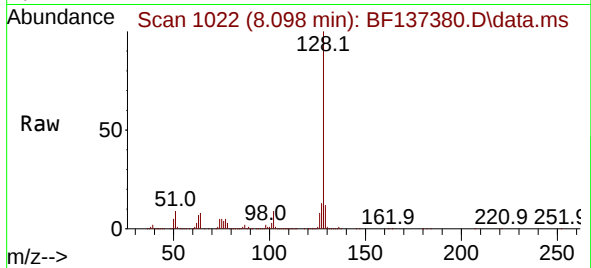




#31
Naphthalene
Concen: 43.449 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

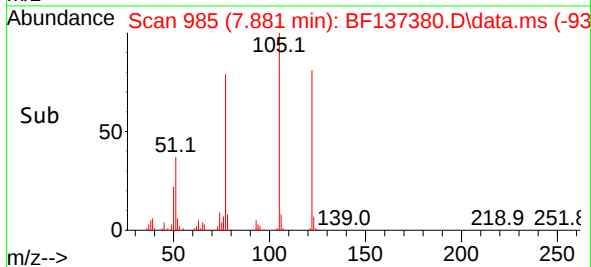
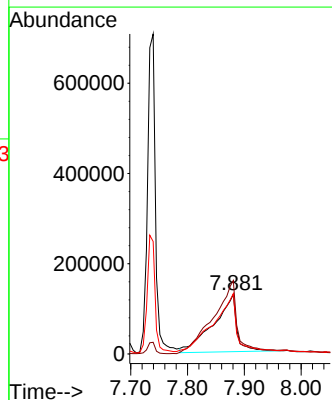
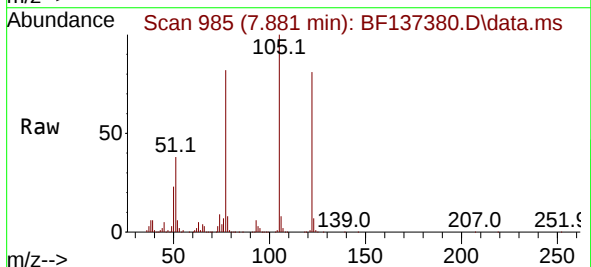
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

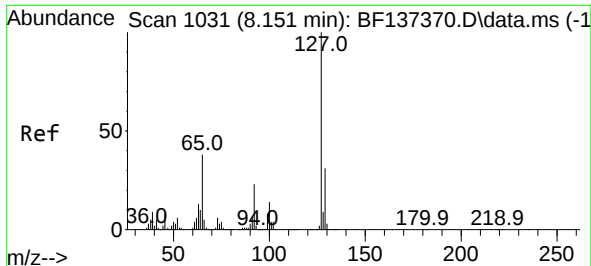
Tgt Ion:128 Resp: 2149137
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 42.888 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:122 Resp: 361051
Ion Ratio Lower Upper
122 100
105 123.6 101.1 141.1
77 101.5 82.8 122.8

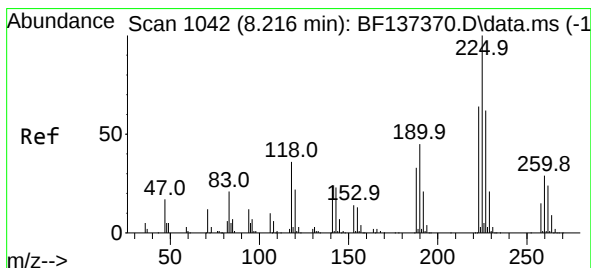
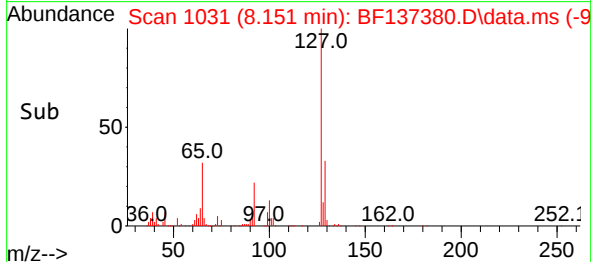
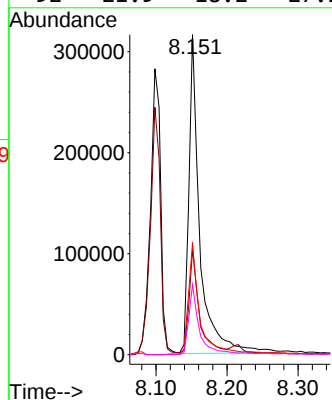
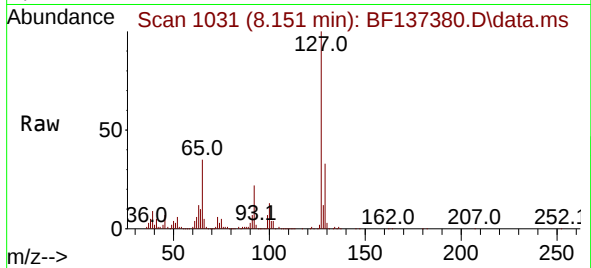




#33
4-Chloroaniline
Concen: 18.040 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

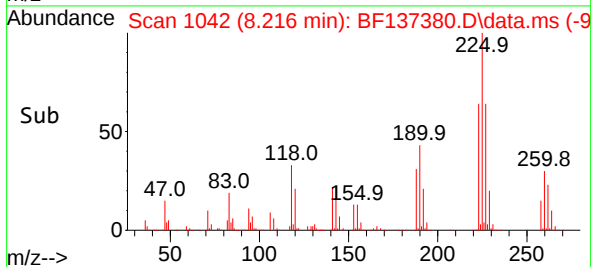
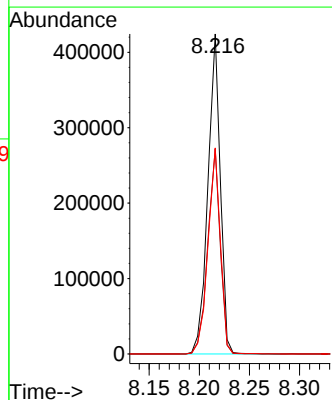
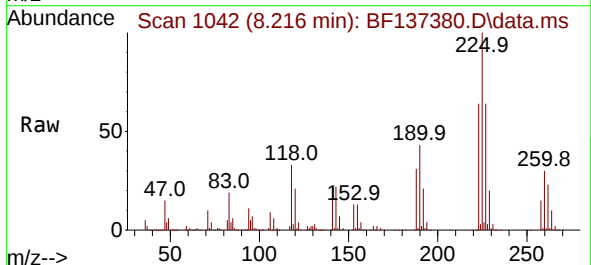
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

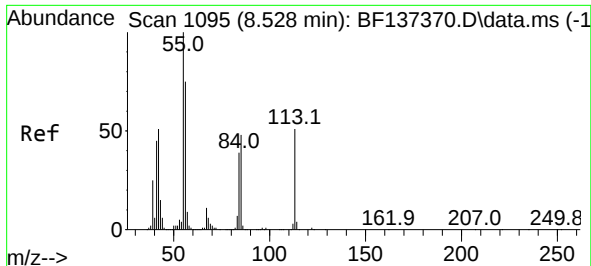
Tgt Ion:	127	Resp:	339383
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.0	37.6
65	35.1	30.4	45.6
92	21.9	18.2	27.2



#34
Hexachlorobutadiene
Concen: 43.809 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:	225	Resp:	367625
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.0
227	64.4	49.8	74.6

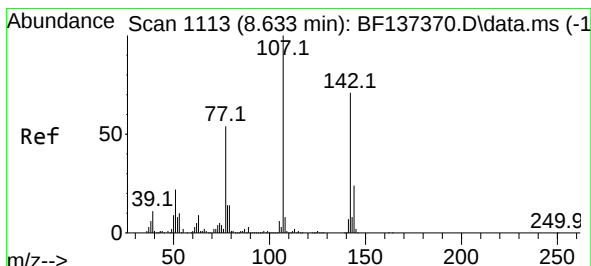
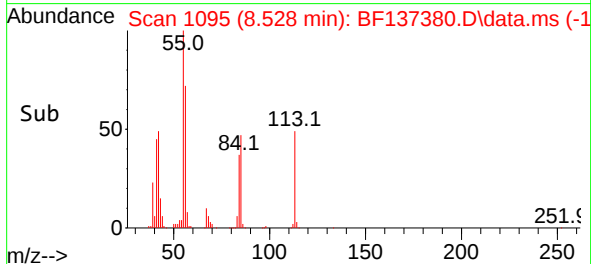
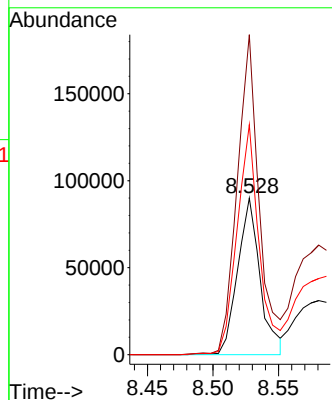
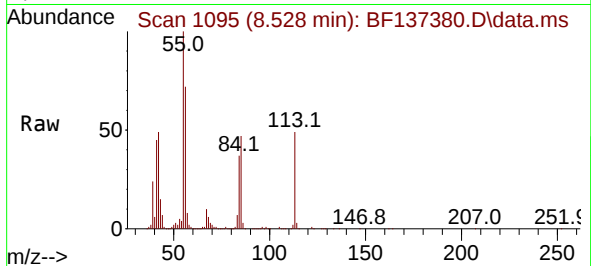




#35
Caprolactam
Concen: 26.465 ng
RT: 8.528 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

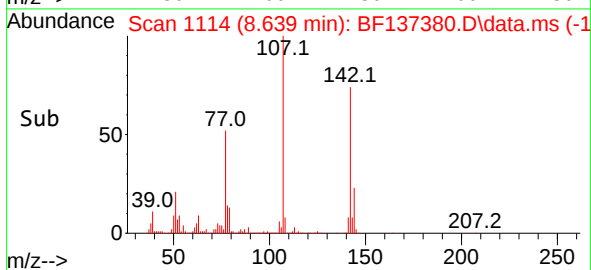
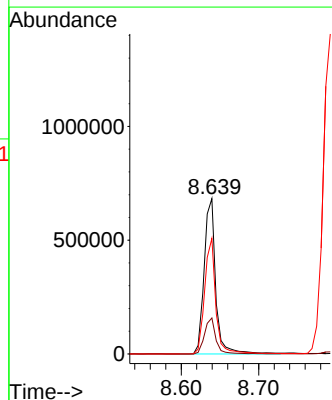
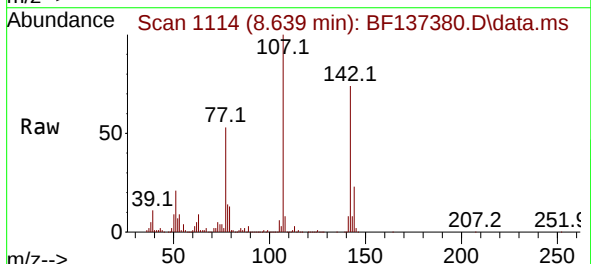
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

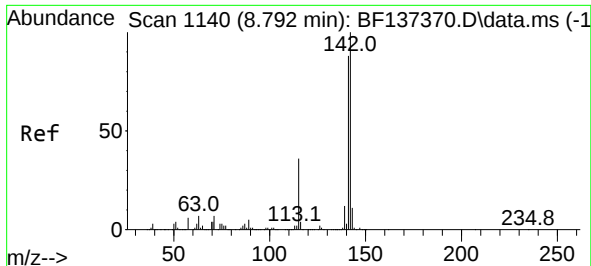
Tgt Ion:113 Resp: 107706
Ion Ratio Lower Upper
113 100
55 204.2 176.3 216.3
56 146.7 127.6 167.6



#36
4-Chloro-3-methylphenol
Concen: 47.433 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:107 Resp: 707683
Ion Ratio Lower Upper
107 100
144 23.2 18.9 28.3
142 74.4 56.6 85.0





#37

2-Methylnaphthalene

Concen: 42.179 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

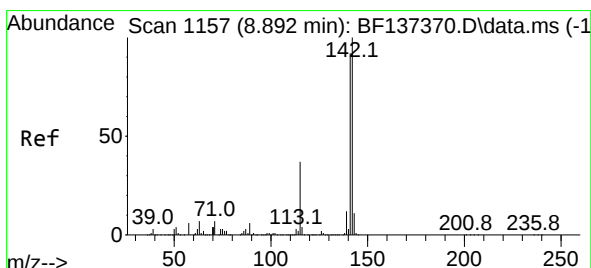
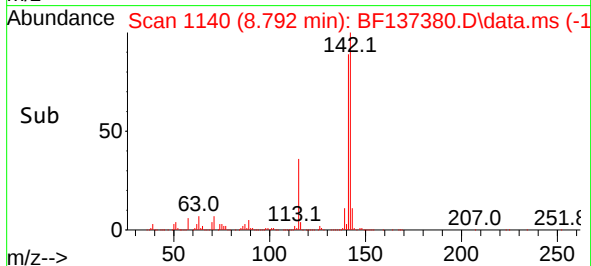
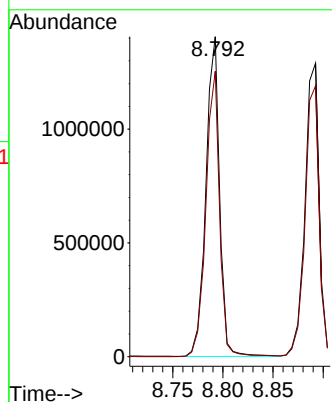
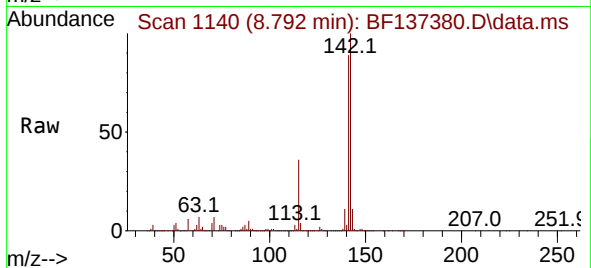
PB159110BSD

Tgt Ion:142 Resp: 1344359

Ion Ratio Lower Upper

142 100

141 89.2 70.3 105.5



#38

1-Methylnaphthalene

Concen: 42.394 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF137380.D

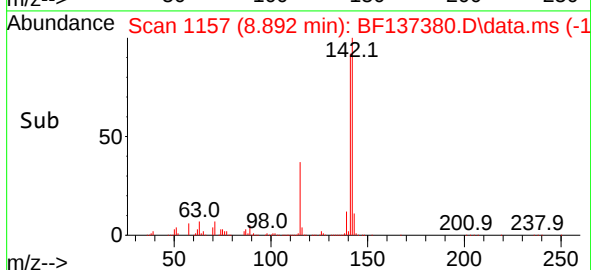
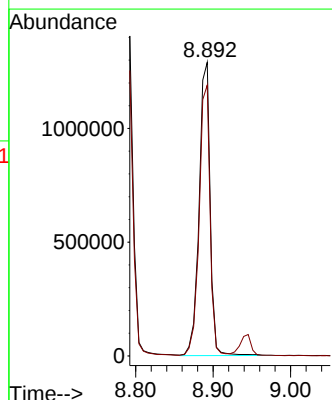
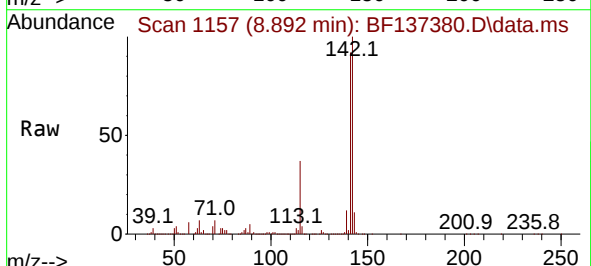
Acq: 26 Feb 2024 12:19

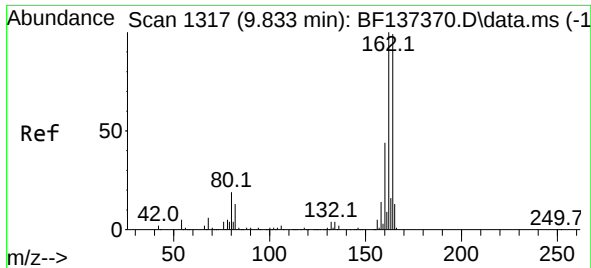
Tgt Ion:142 Resp: 1277541

Ion Ratio Lower Upper

142 100

141 92.2 73.2 109.8

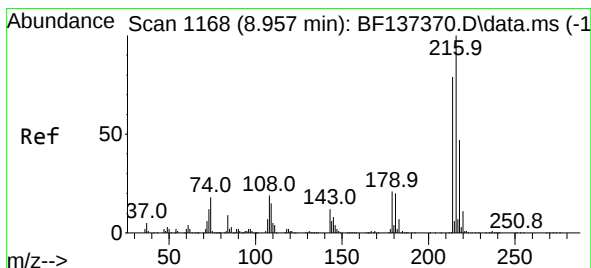
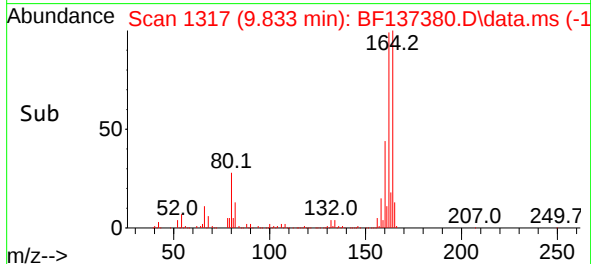
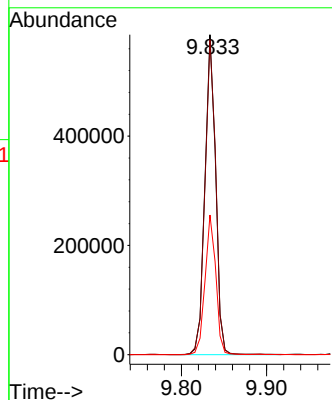
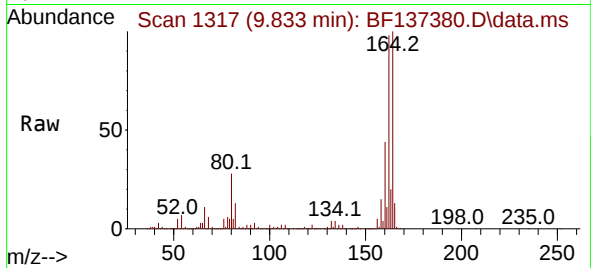




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

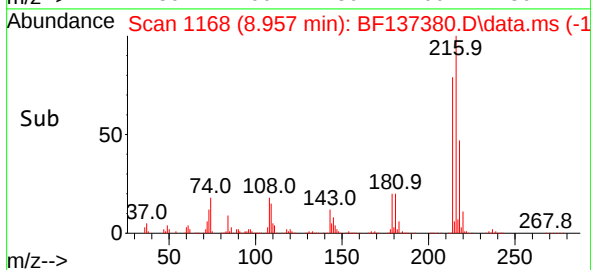
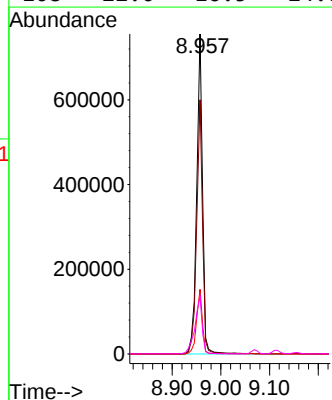
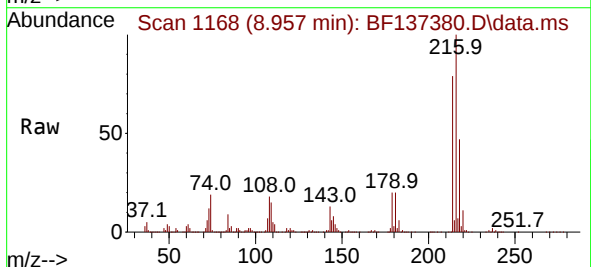
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

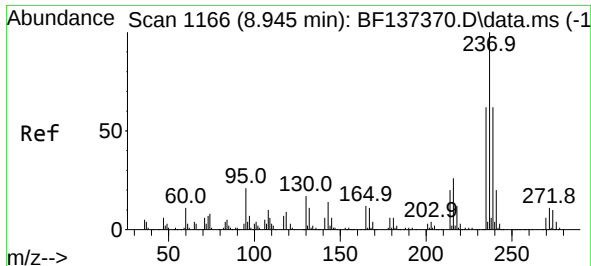
Tgt Ion:164 Resp: 511379
Ion Ratio Lower Upper
164 100
162 98.5 81.2 121.8
160 43.7 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.825 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:216 Resp: 631346
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 20.3 16.5 24.7
108 22.0 16.5 24.7

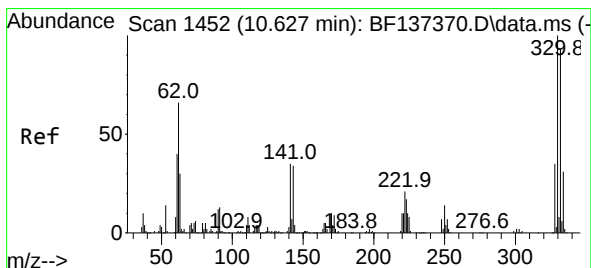
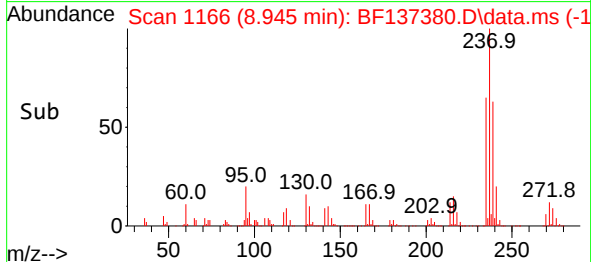
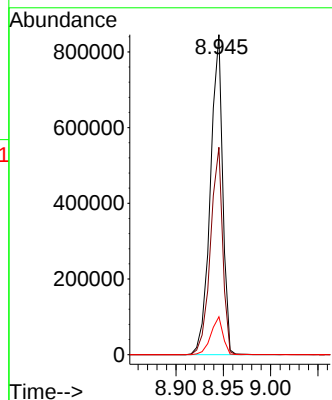
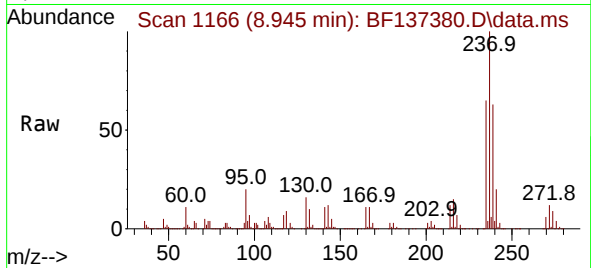




#41
Hexachlorocyclopentadiene
Concen: 118.977 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

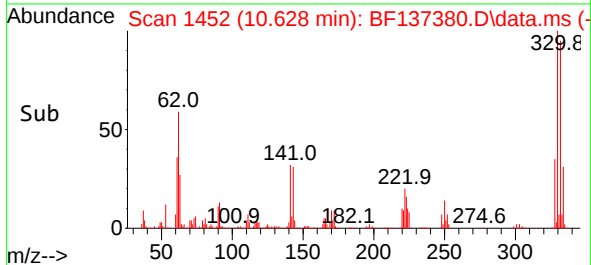
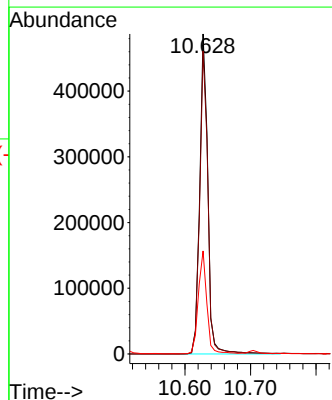
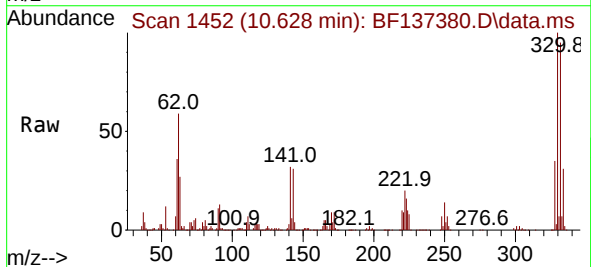
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

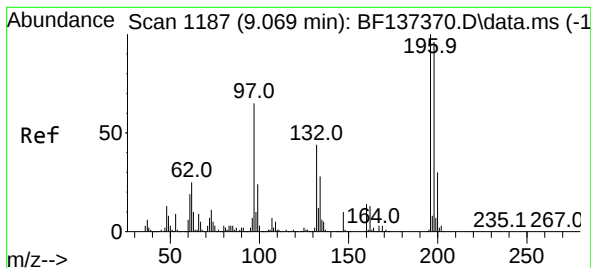
Tgt Ion:237 Resp: 759780
Ion Ratio Lower Upper
237 100
235 64.8 42.0 82.0
272 11.9 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 94.081 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:330 Resp: 418951
Ion Ratio Lower Upper
330 100
332 96.1 75.6 113.4
141 33.7 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 48.617 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

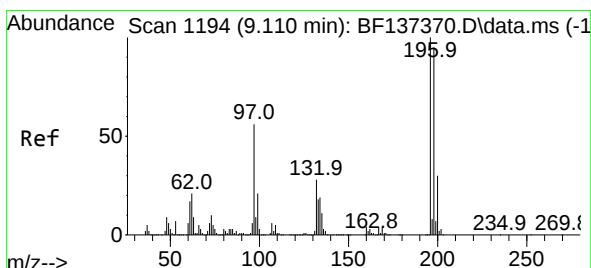
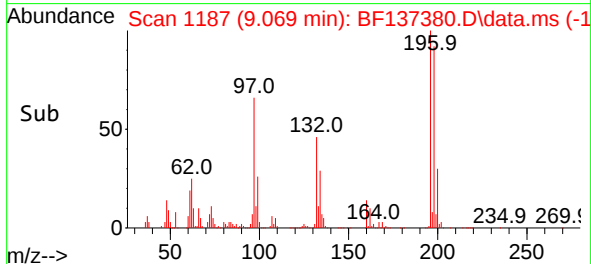
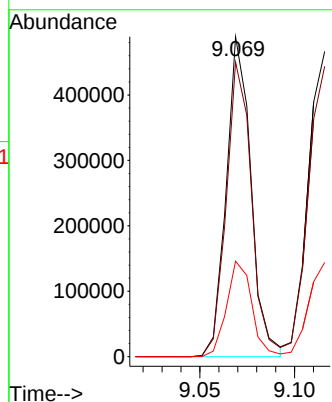
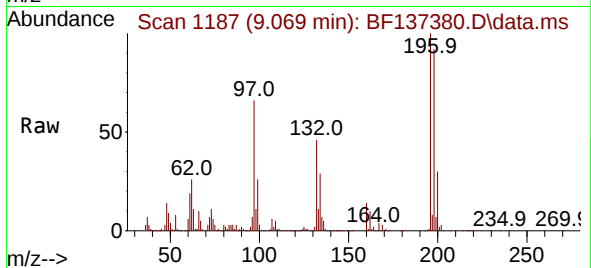
Tgt Ion:196 Resp: 443988

Ion Ratio Lower Upper

196 100

198 92.0 77.0 115.4

200 29.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 45.666 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Tgt Ion:196 Resp: 478452

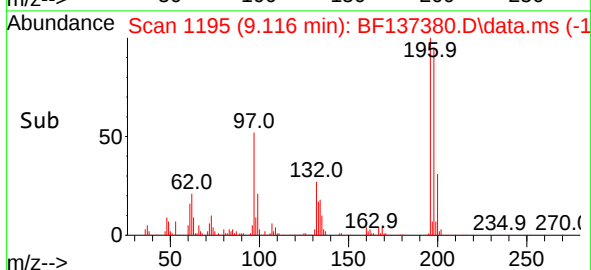
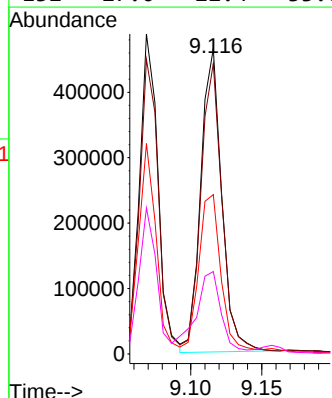
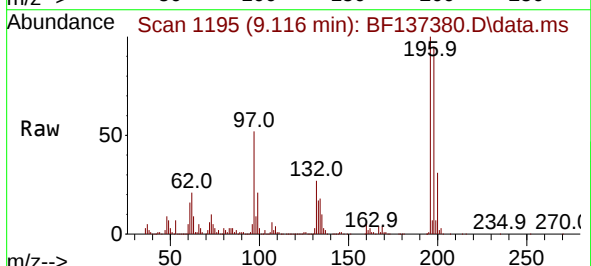
Ion Ratio Lower Upper

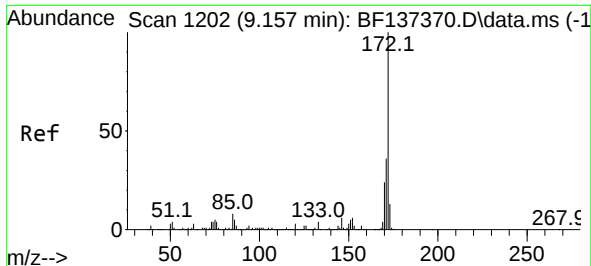
196 100

198 95.1 75.6 113.4

97 52.2 44.6 66.8

132 27.0 22.4 33.6

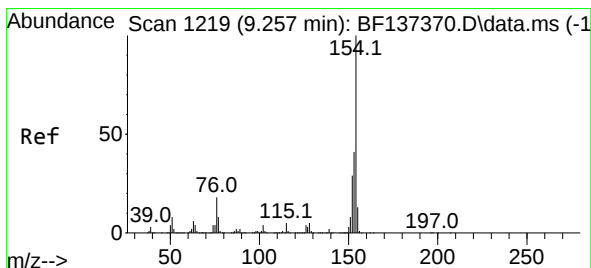
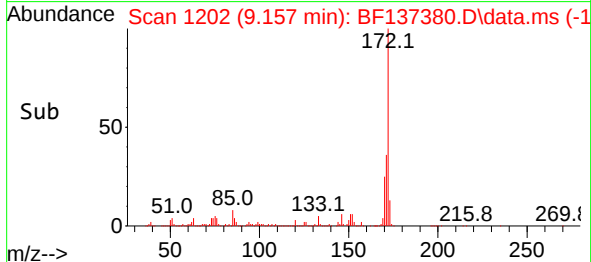
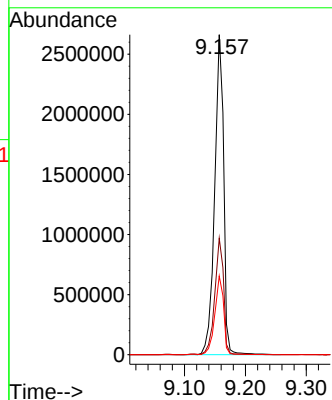
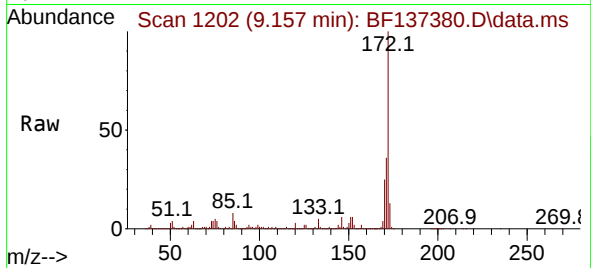




#45
2-Fluorobiphenyl
Concen: 83.271 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

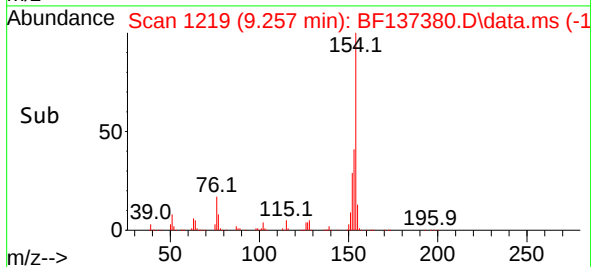
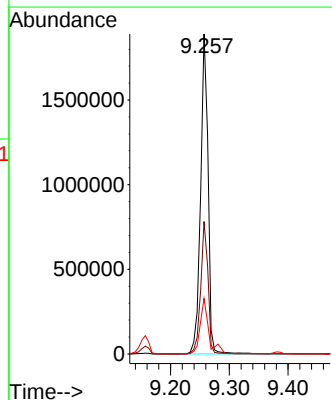
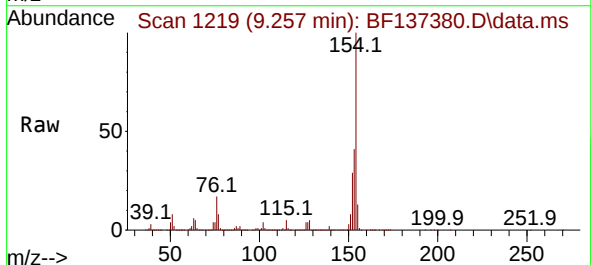
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

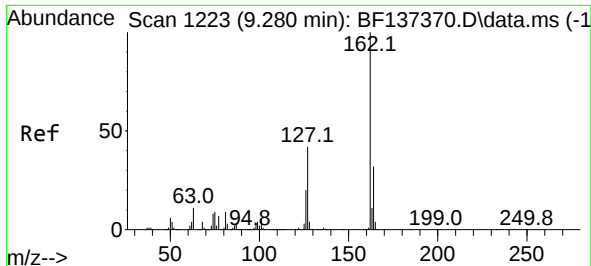
Tgt Ion:172 Resp: 2735221
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.6 19.5 29.3



#46
1,1'-Biphenyl
Concen: 44.743 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:154 Resp: 1666485
Ion Ratio Lower Upper
154 100
153 41.4 21.2 61.2
76 17.3 0.0 37.9

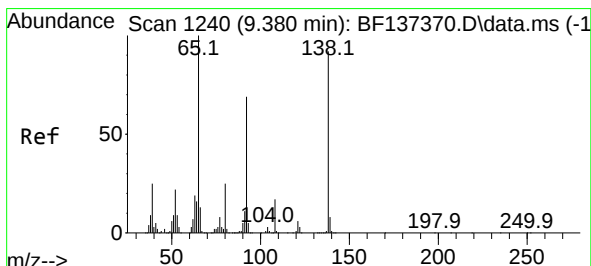
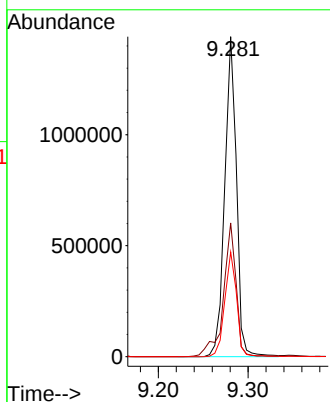
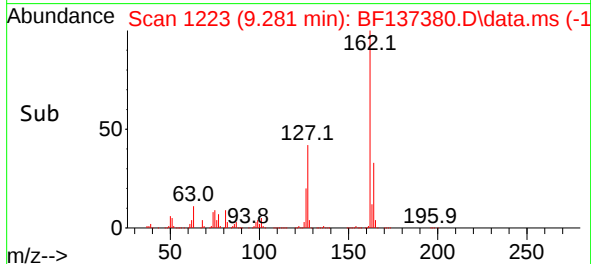
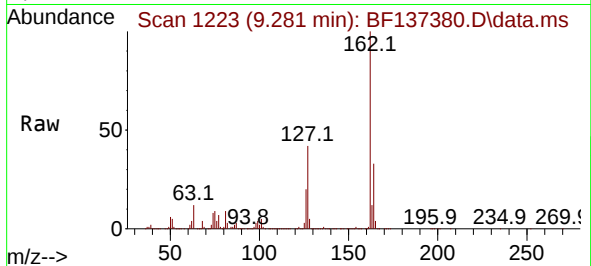




#47
2-Chloronaphthalene
Concen: 46.580 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

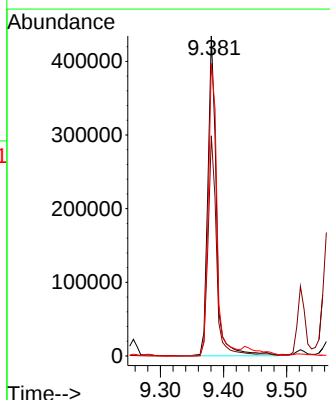
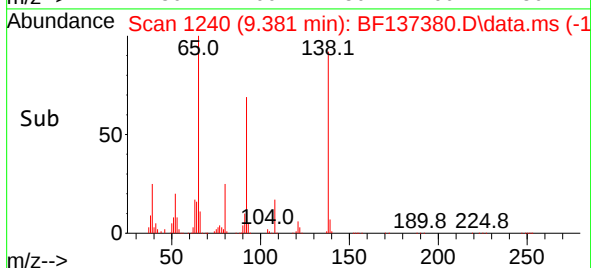
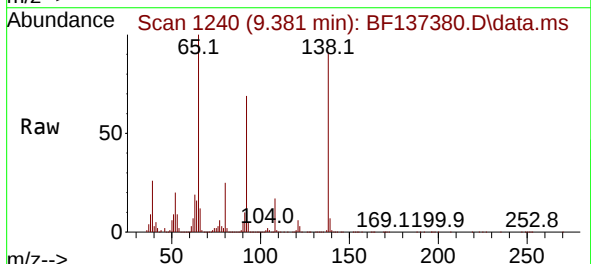
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

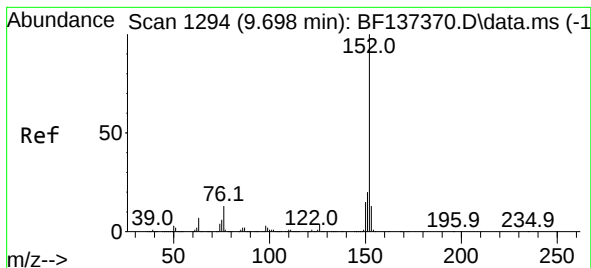
Tgt Ion:162 Resp: 1310196
Ion Ratio Lower Upper
162 100
127 41.8 33.6 50.4
164 32.7 25.9 38.9



#48
2-Nitroaniline
Concen: 47.919 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.001 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 65 Resp: 409302
Ion Ratio Lower Upper
65 100
92 68.8 55.0 82.6
138 91.4 73.7 110.5





#49

Acenaphthylene

Concen: 44.755 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

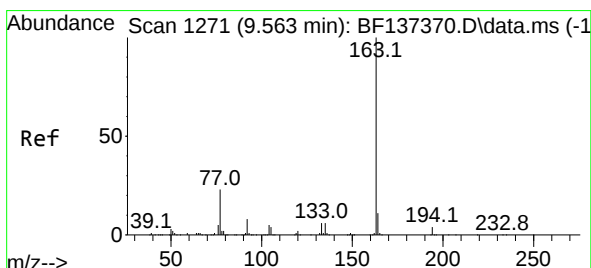
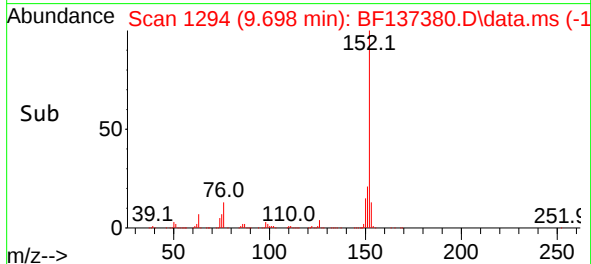
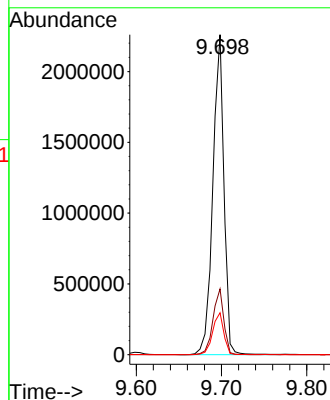
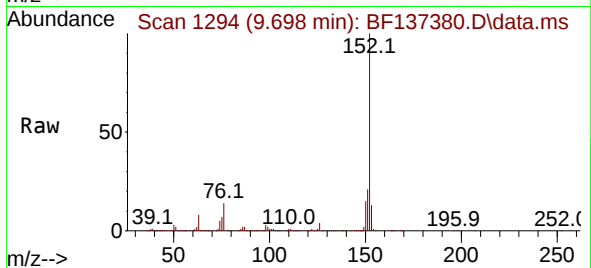
Tgt Ion:152 Resp: 2045295

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 45.972 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

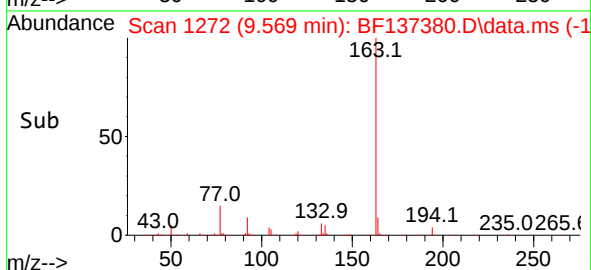
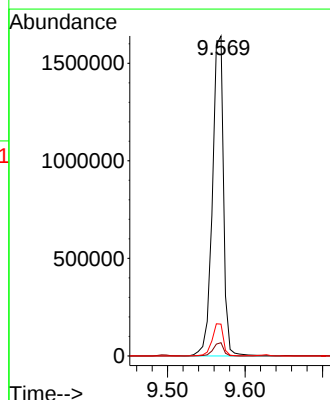
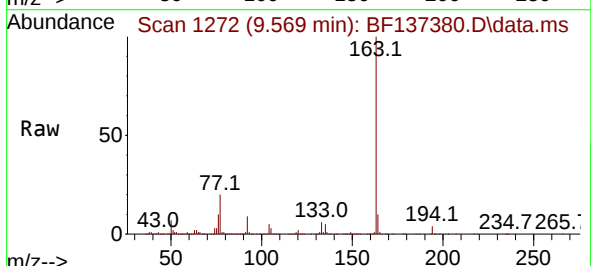
Tgt Ion:163 Resp: 1624469

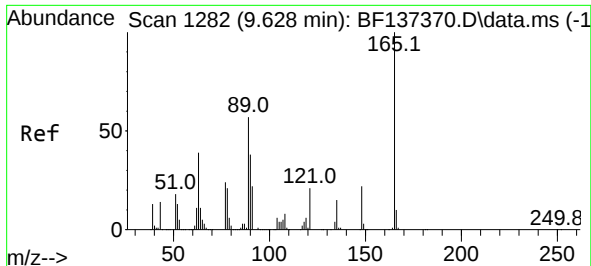
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

164 9.9 8.5 12.7

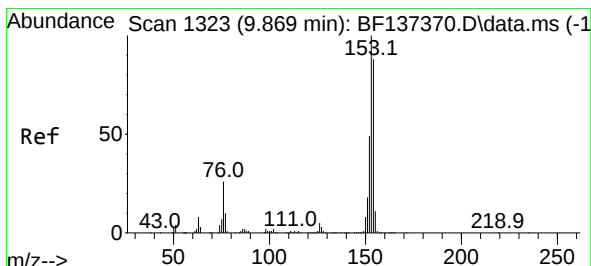
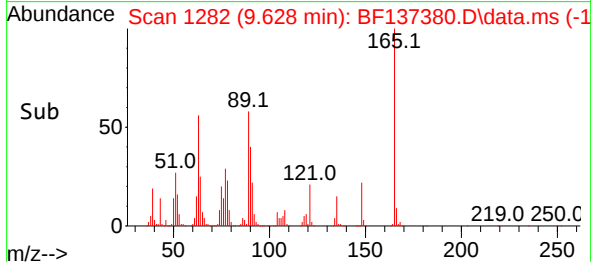
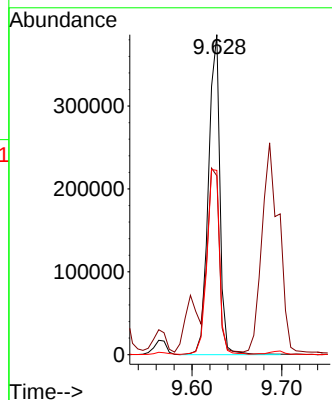
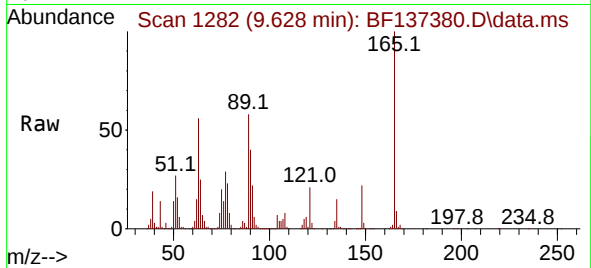




#51
2,6-Dinitrotoluene
Concen: 52.365 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

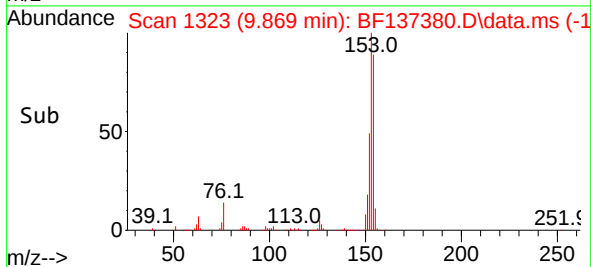
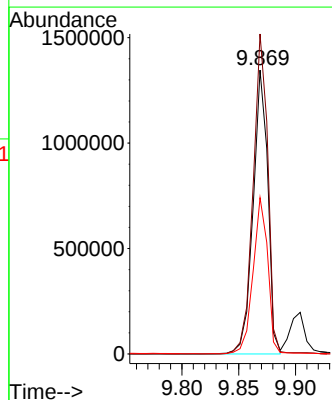
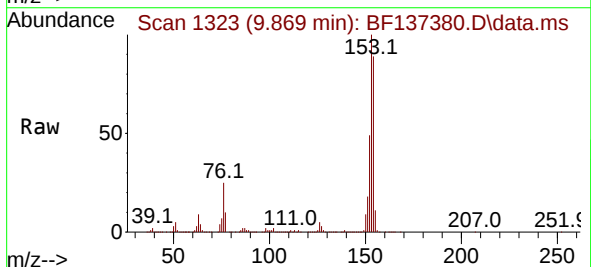
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

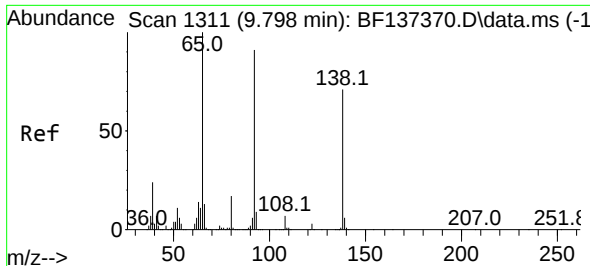
Tgt Ion:165 Resp: 344236
Ion Ratio Lower Upper
165 100
63 55.9 41.6 62.4
89 57.6 45.8 68.6



#52
Acenaphthene
Concen: 44.392 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:154 Resp: 1211005
Ion Ratio Lower Upper
154 100
153 112.7 90.6 135.8
152 55.1 44.1 66.1

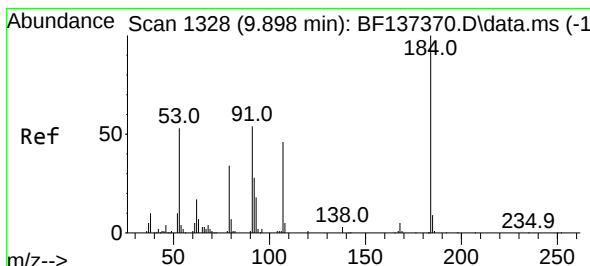
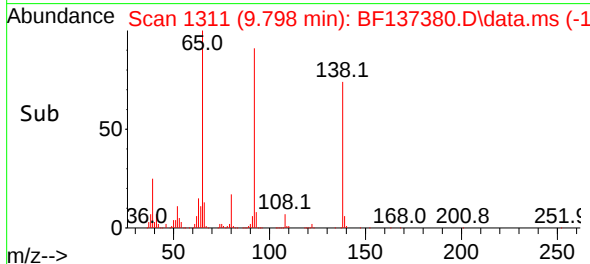
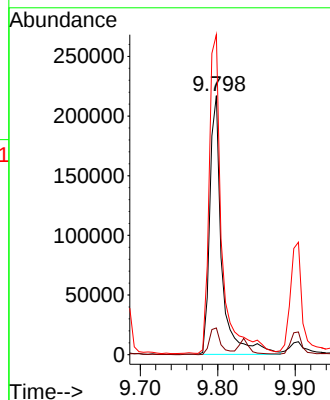
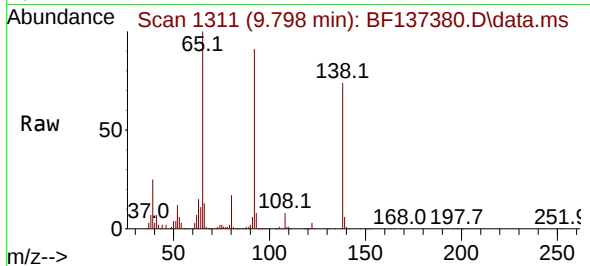




#53
3-Nitroaniline
Concen: 31.859 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

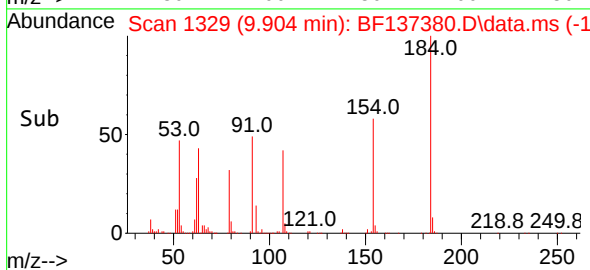
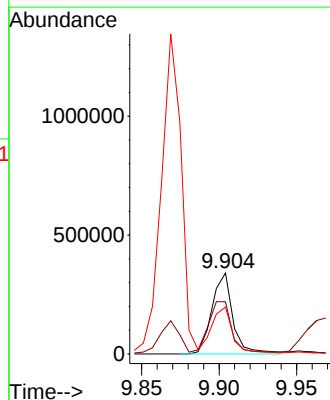
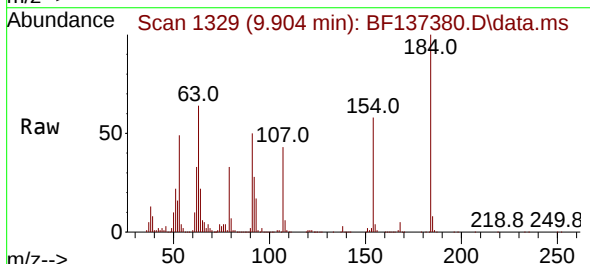
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

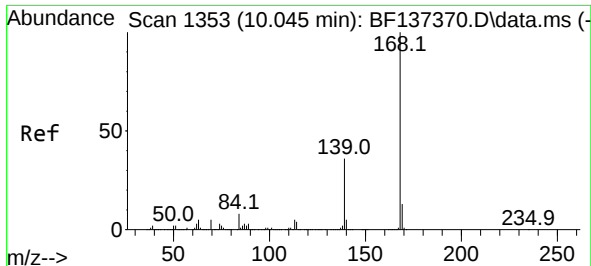
Tgt Ion:138 Resp: 233044
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 123.5 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 97.061 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:184 Resp: 321419
Ion Ratio Lower Upper
184 100
63 64.4 55.9 83.9
154 58.0 47.6 71.4

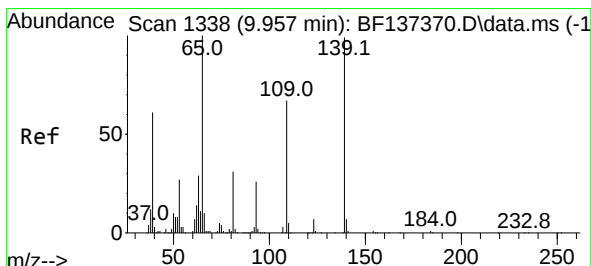
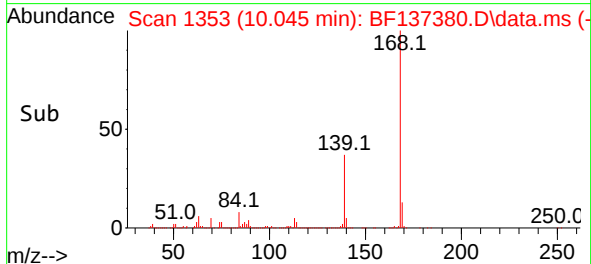
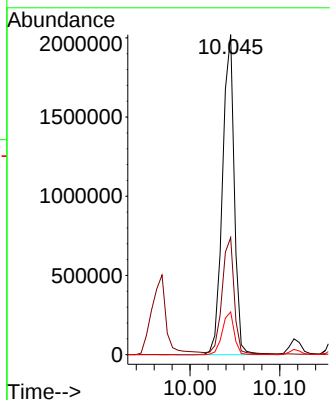
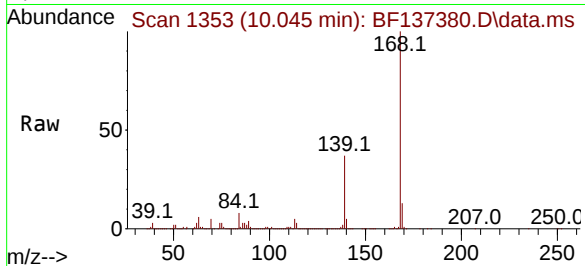




#55
Dibenzenofuran
Concen: 43.877 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

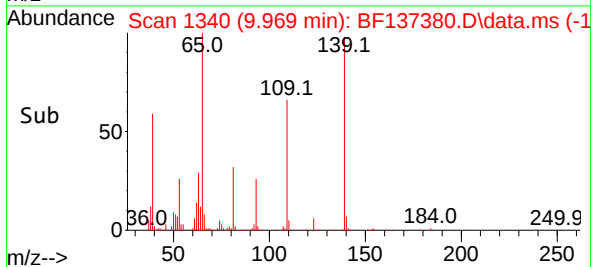
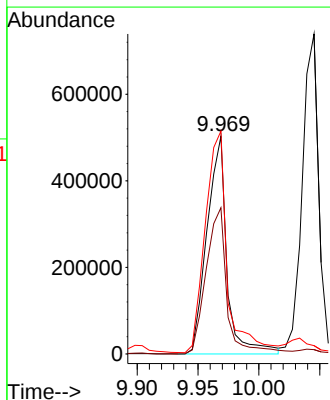
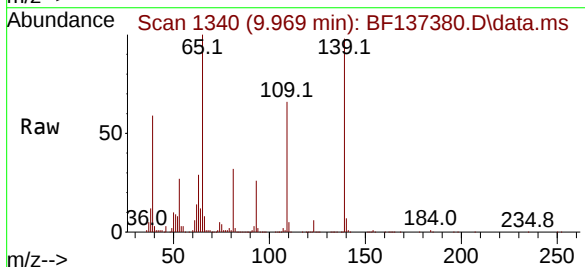
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

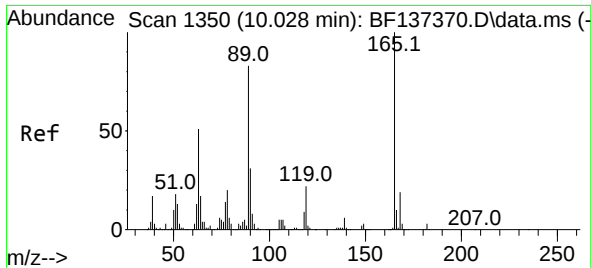
Tgt Ion:168 Resp: 1849943
Ion Ratio Lower Upper
168 100
139 36.6 28.9 43.3
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 101.679 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:139 Resp: 573941
Ion Ratio Lower Upper
139 100
109 67.2 48.0 88.0
65 102.4 82.2 122.2

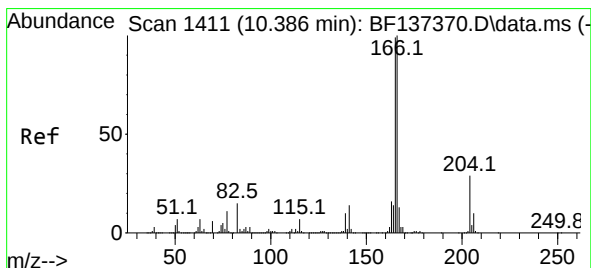
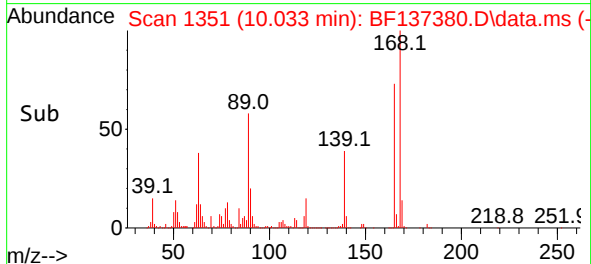
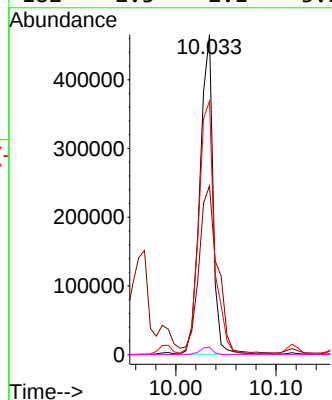
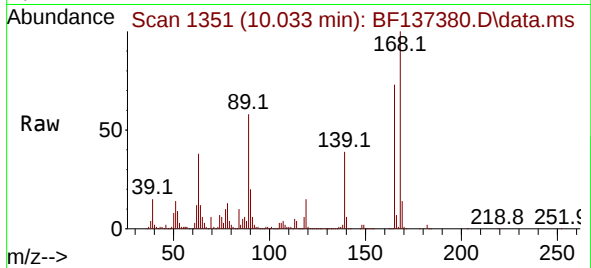




#57
2,4-Dinitrotoluene
Concen: 50.581 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

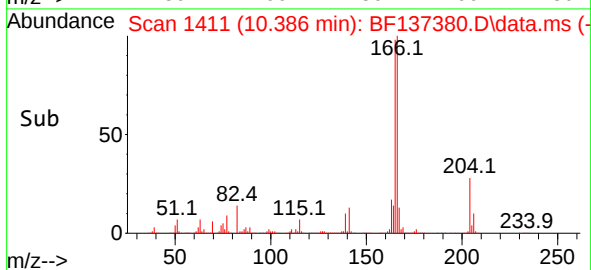
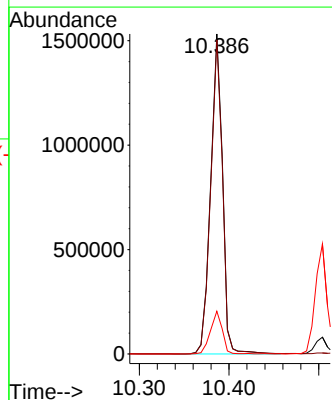
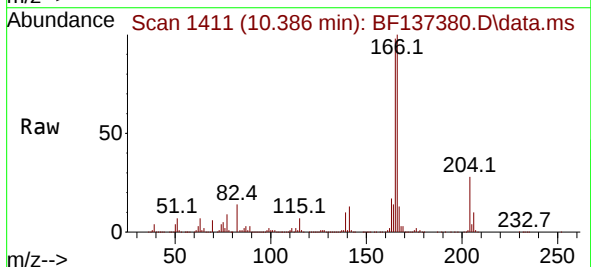
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

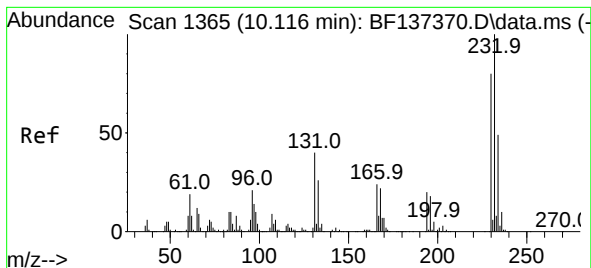
Tgt Ion:165 Resp: 420875
Ion Ratio Lower Upper
165 100
63 52.8 41.1 61.7
89 79.2 66.6 100.0
182 2.3 2.1 3.1



#58
Fluorene
Concen: 43.702 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:166 Resp: 1407145
Ion Ratio Lower Upper
166 100
165 98.2 78.8 118.2
167 13.4 10.5 15.7



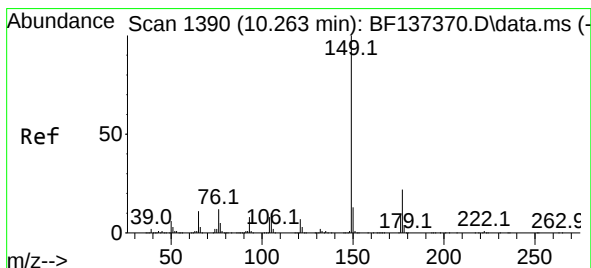
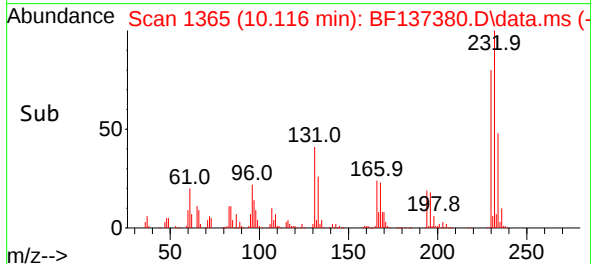
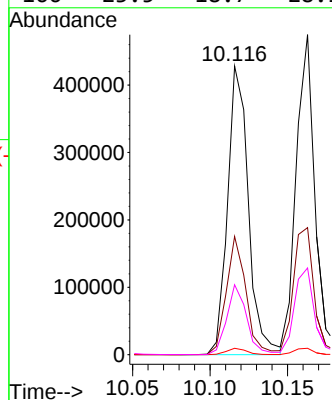
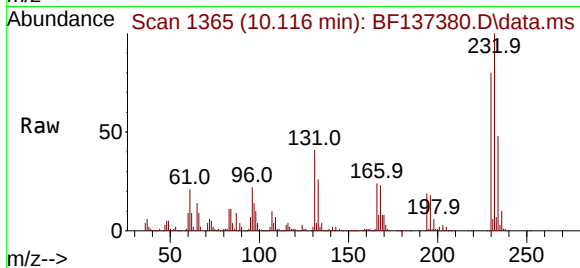


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.096 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.041 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB159110BSD

Tgt Ion:232 Resp: 399927

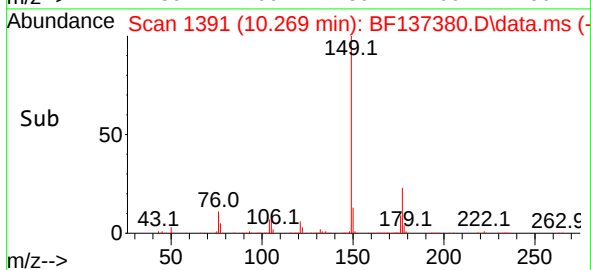
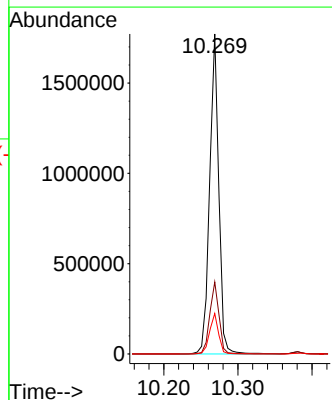
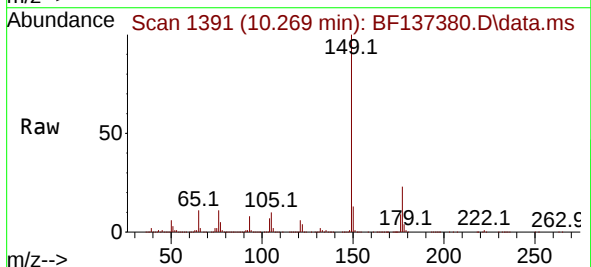
Ion	Ratio	Lower	Upper
232	100		
131	38.7	31.1	46.7
130	2.2	1.8	2.6
166	23.5	18.7	28.1

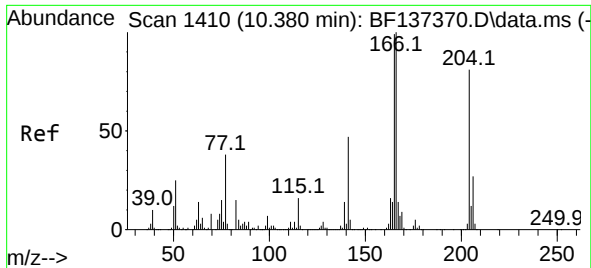


#60
Diethylphthalate
Concen: 46.026 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:149 Resp: 1518446

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.0	27.0
150	12.7	10.2	15.2

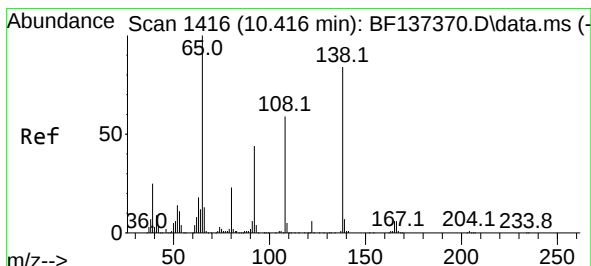
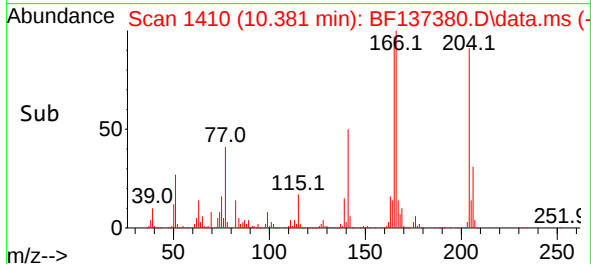
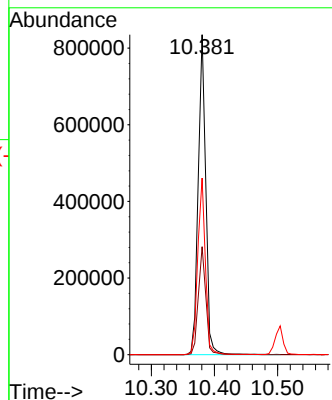
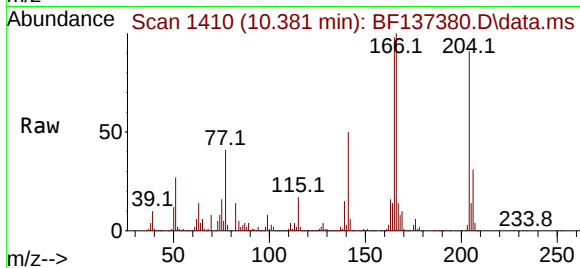




#61
4-Chlorophenyl-phenylether
Concen: 43.730 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

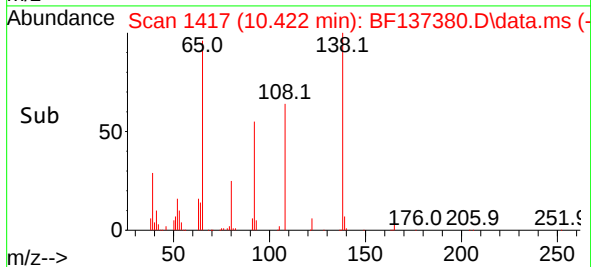
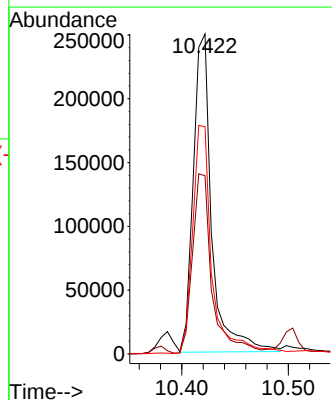
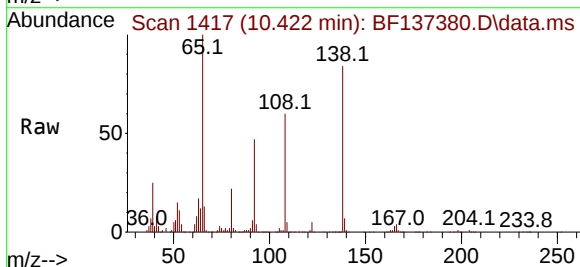
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

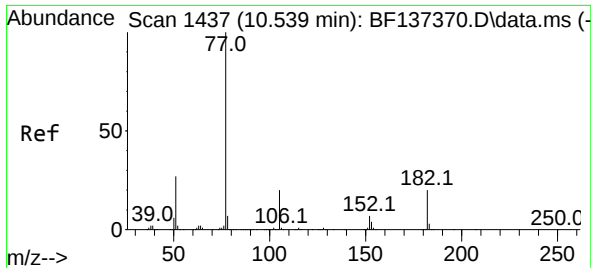
Tgt Ion:204 Resp: 692638
Ion Ratio Lower Upper
204 100
206 33.8 26.8 40.2
141 55.2 46.4 69.6



#62
4-Nitroaniline
Concen: 43.774 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:138 Resp: 301654
Ion Ratio Lower Upper
138 100
92 55.7 33.4 73.4
108 71.0 50.4 90.4



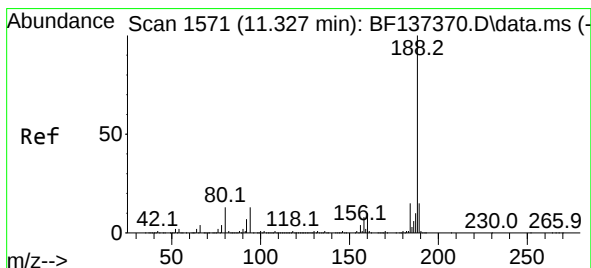
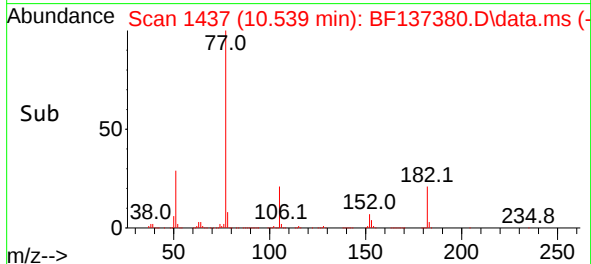
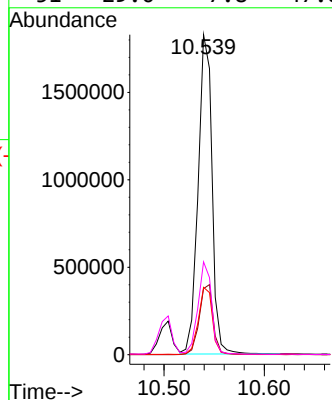
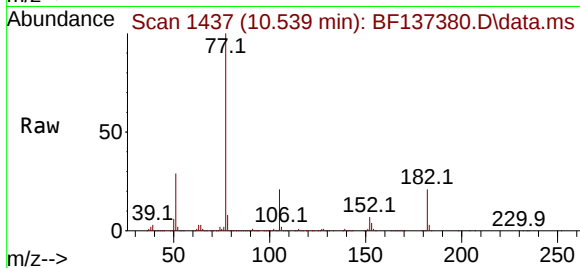


#63
Azobenzene
Concen: 44.694 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB159110BSD

Tgt Ion: 77 Resp: 1764144

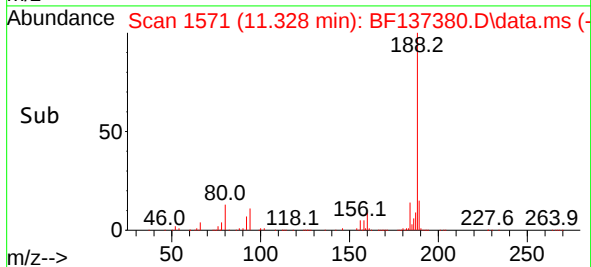
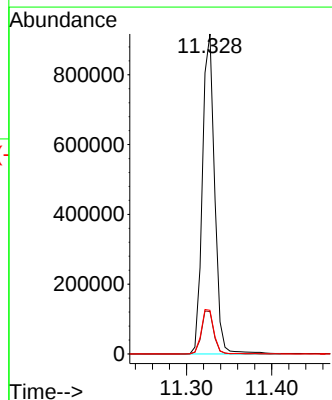
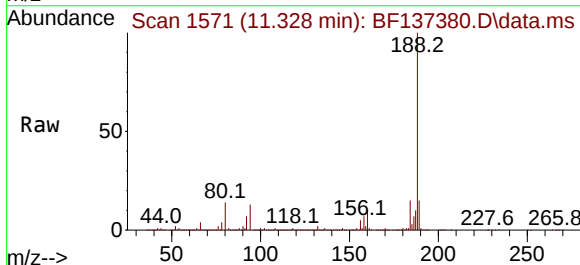
Ion	Ratio	Lower	Upper
77	100		
182	20.7	0.0	39.6
105	21.0	0.4	40.4
51	29.0	7.8	47.8

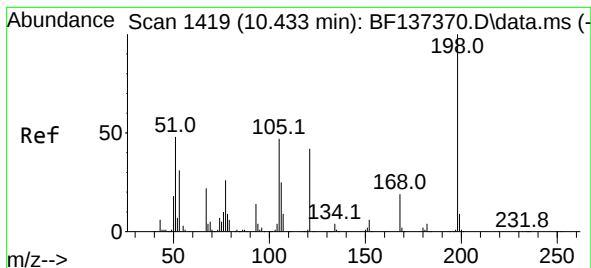


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion: 188 Resp: 914566

Ion	Ratio	Lower	Upper
188	100		
94	13.3	10.2	15.2
80	13.7	10.7	16.1

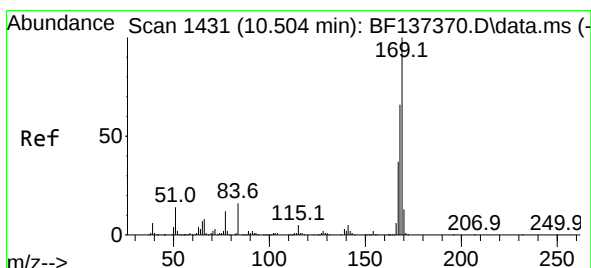
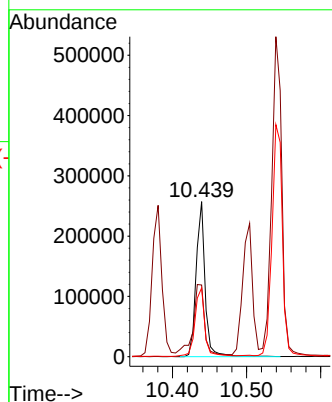
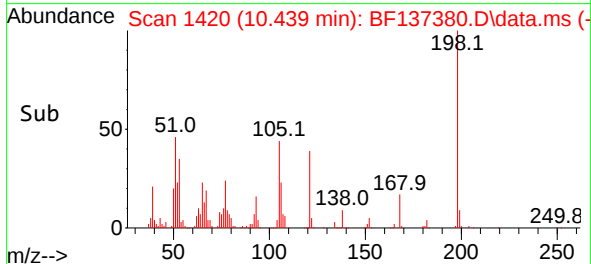
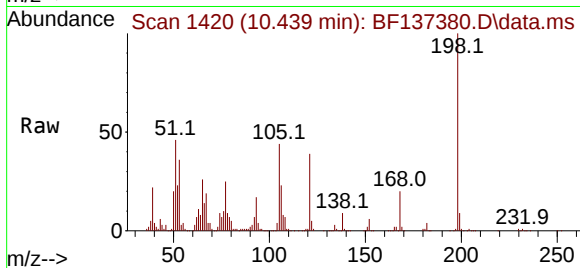




#65
4,6-Dinitro-2-methylphenol
Concen: 48.116 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

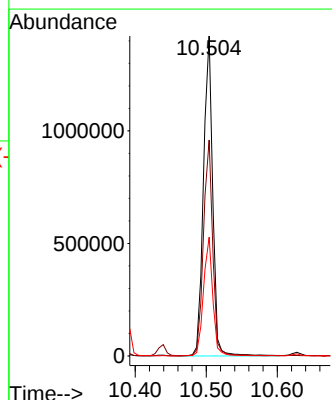
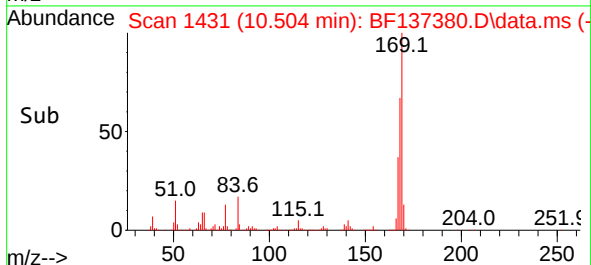
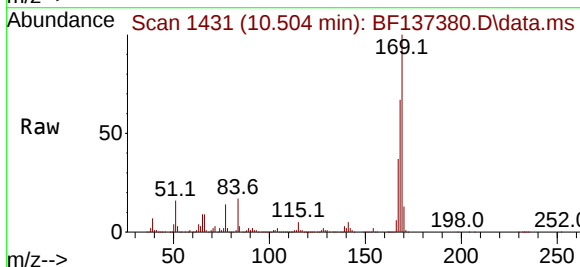
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

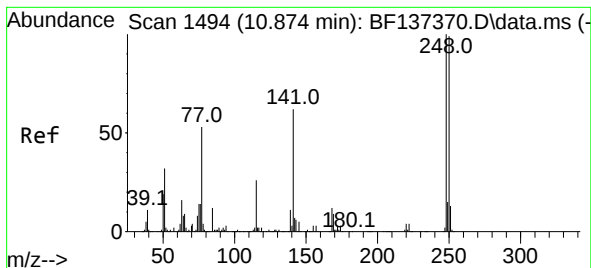
Tgt Ion:198 Resp: 215230
Ion Ratio Lower Upper
198 100
51 46.3 36.8 76.8
105 44.4 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 43.408 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:169 Resp: 1289326
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 37.1 29.2 43.8

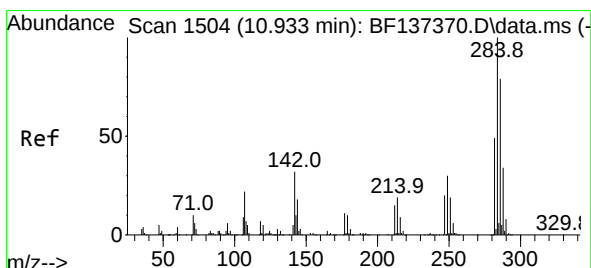
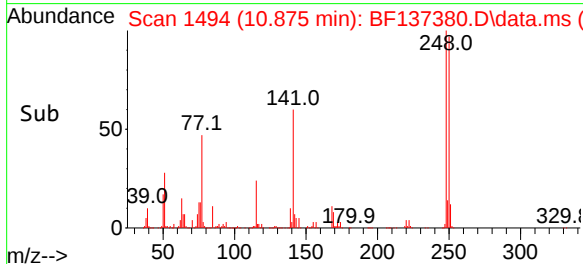
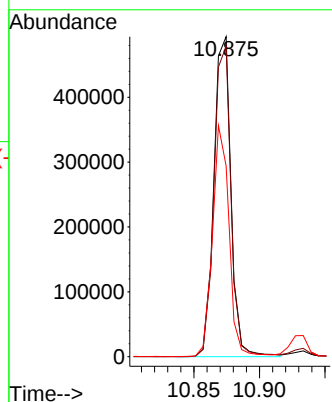
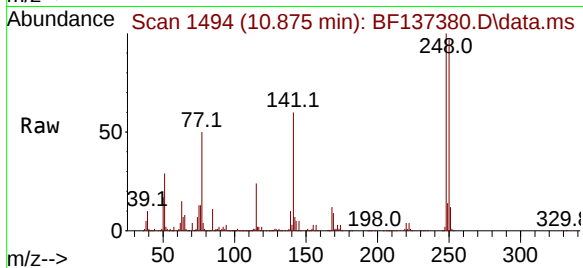




#67
4-Bromophenyl-phenylether
Concen: 45.581 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

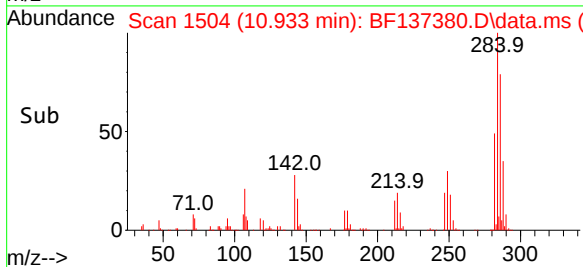
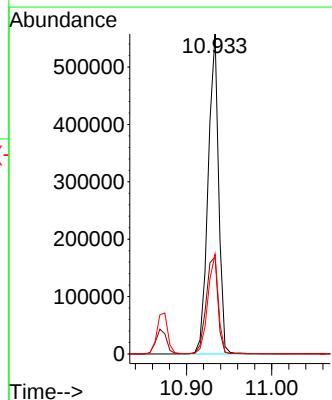
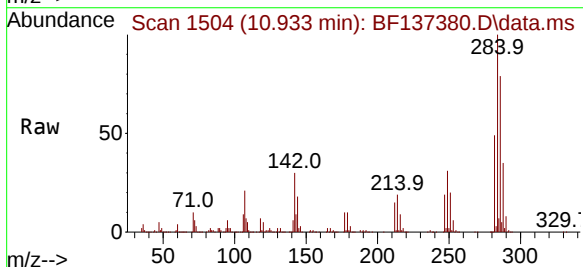
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

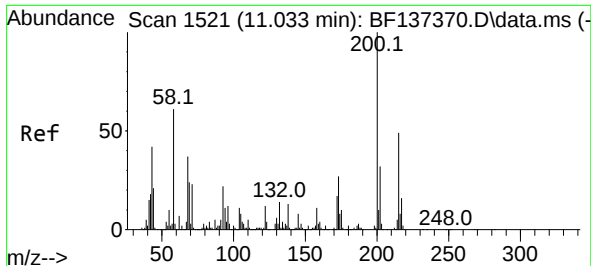
Tgt Ion:248 Resp: 448149
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 59.6 49.9 74.9



#68
Hexachlorobenzene
Concen: 46.948 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:284 Resp: 477503
Ion Ratio Lower Upper
284 100
142 30.4 25.4 38.0
249 31.2 24.2 36.4

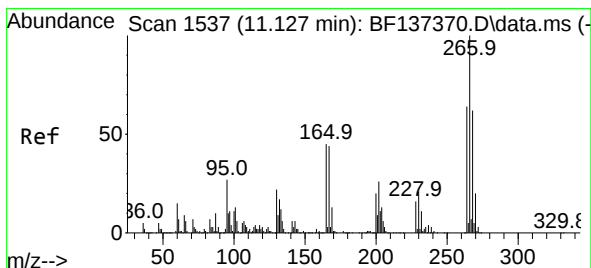
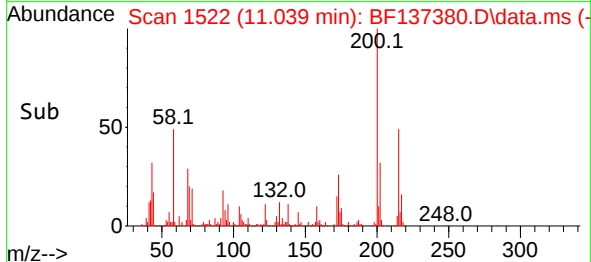
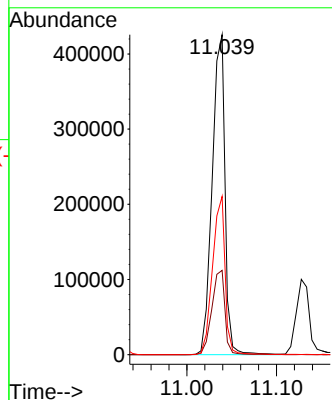
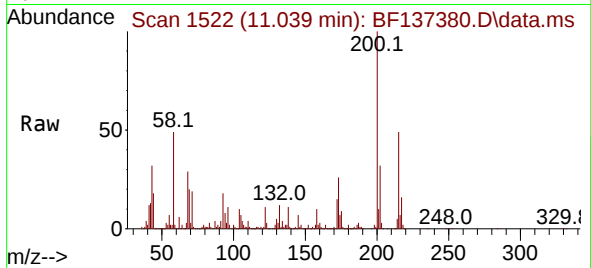




#69
Atrazine
Concen: 52.641 ng
RT: 11.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

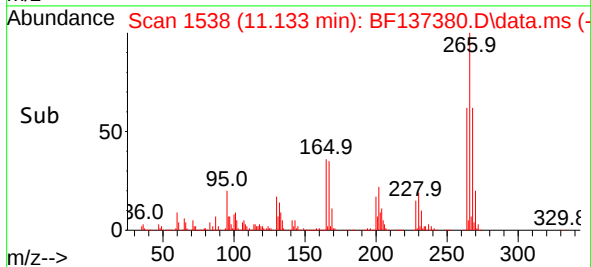
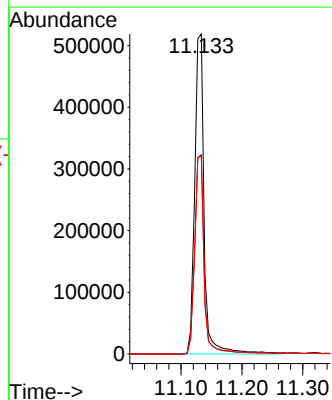
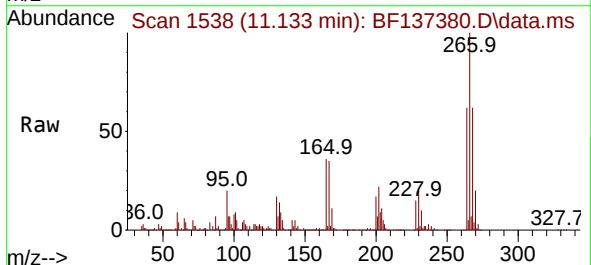
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

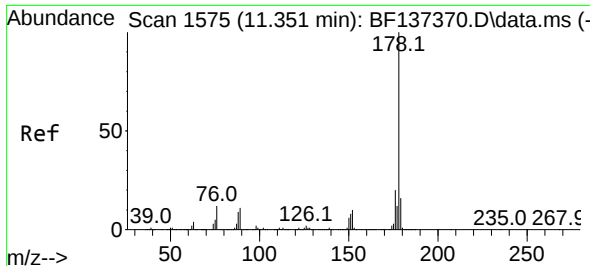
Tgt Ion:200 Resp: 421958
Ion Ratio Lower Upper
200 100
173 26.4 6.8 46.8
215 49.5 29.4 69.4



#70
Pentachlorophenol
Concen: 86.870 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:266 Resp: 559793
Ion Ratio Lower Upper
266 100
268 62.2 49.4 74.2
264 61.9 51.3 76.9

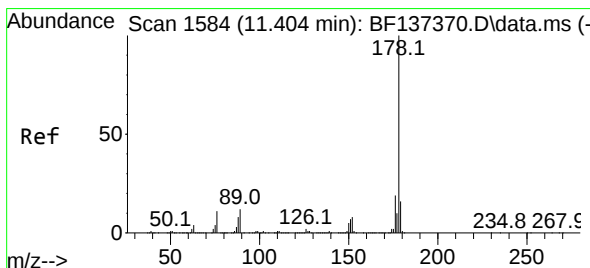
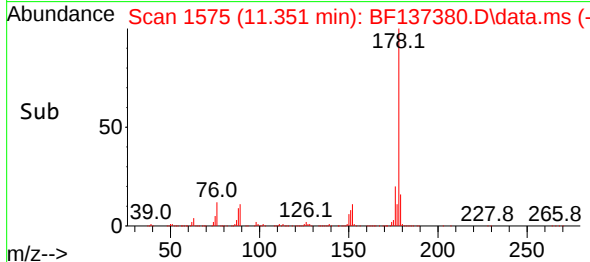
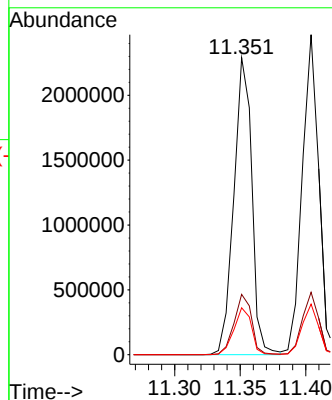
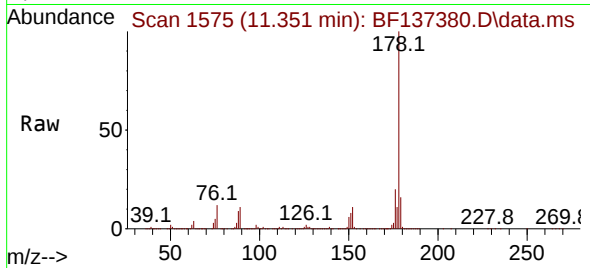




#71
Phenanthrene
Concen: 43.290 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

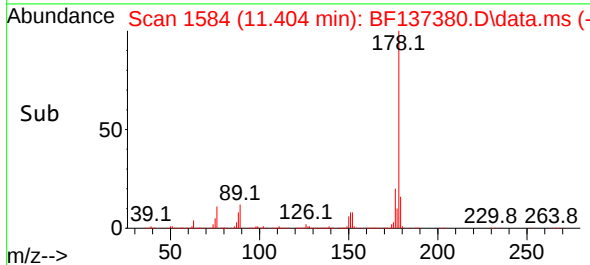
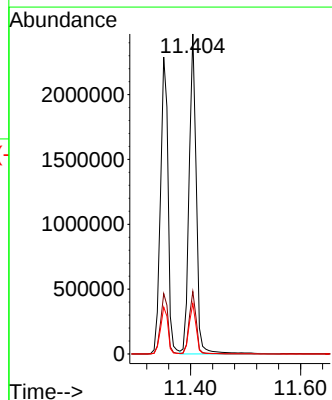
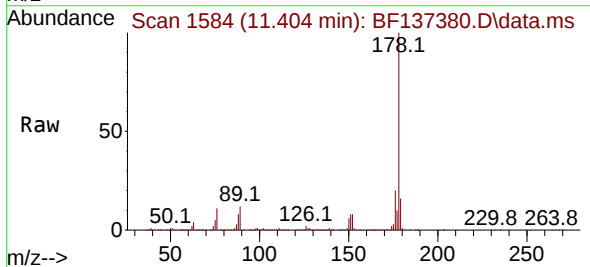
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

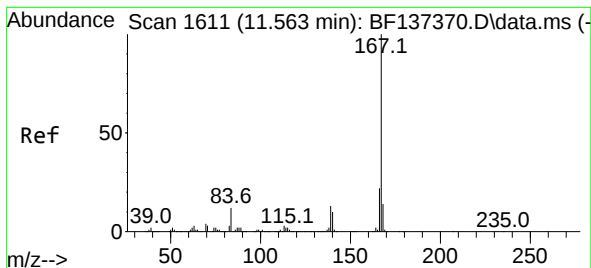
Tgt Ion:178 Resp: 2184325
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.8 12.7 19.1



#72
Anthracene
Concen: 42.997 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:178 Resp: 2235827
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.8 12.6 18.8





#73

Carbazole

Concen: 44.602 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

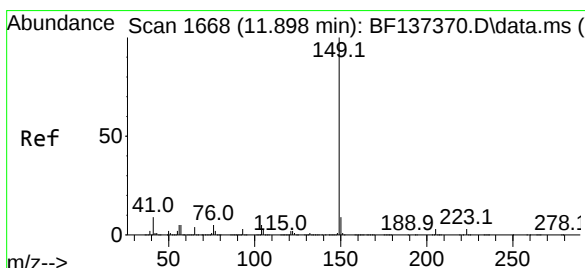
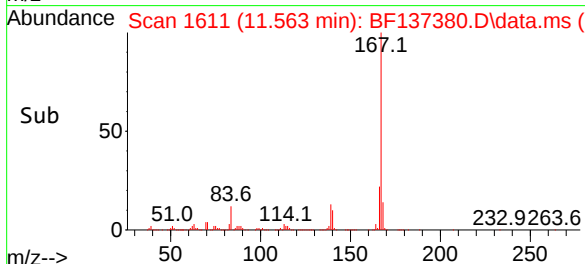
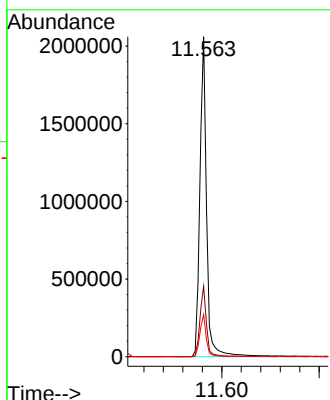
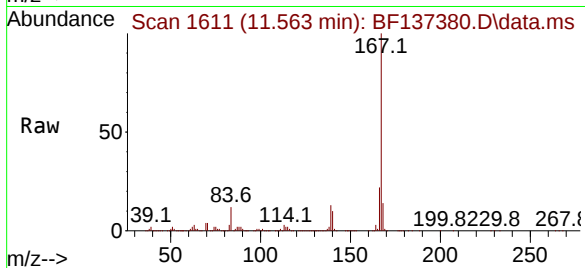
Tgt Ion:167 Resp: 1981597

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

139 13.1 10.0 15.0



#74

Di-n-butylphthalate

Concen: 51.509 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

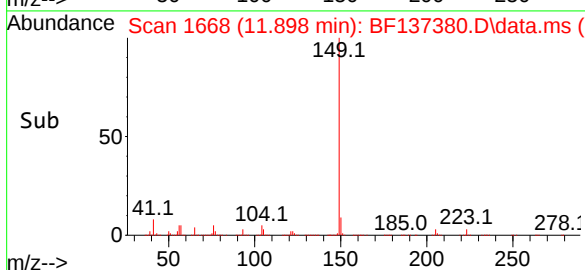
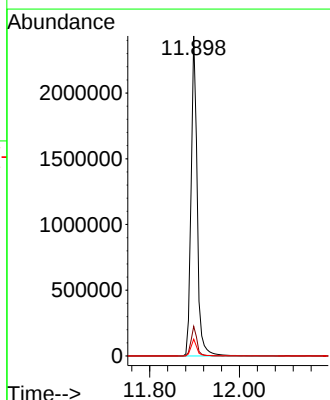
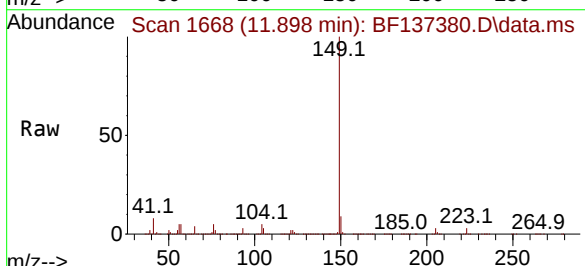
Tgt Ion:149 Resp: 2289829

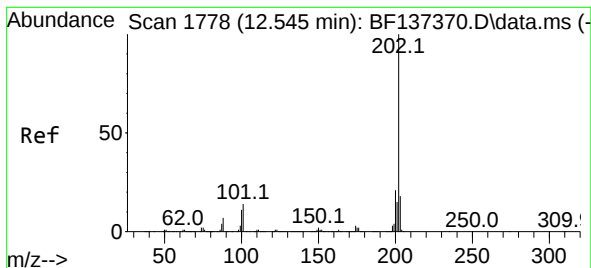
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 43.437 ng

RT: 12.545 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

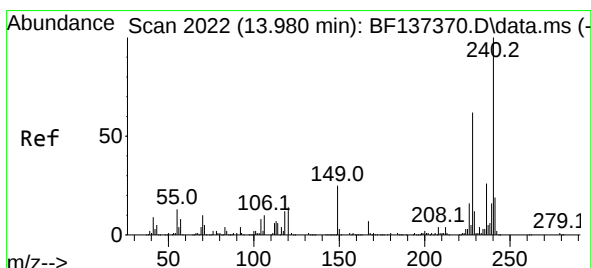
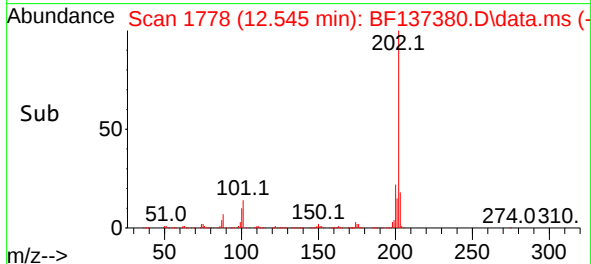
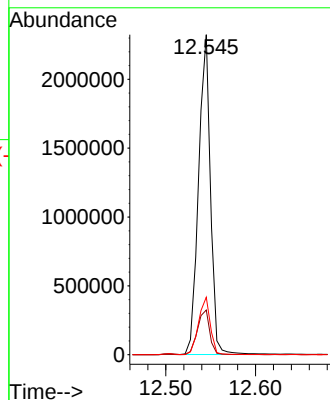
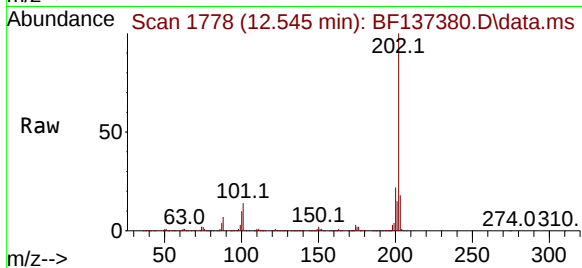
Tgt Ion:202 Resp: 2139405

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.9

203 18.0 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

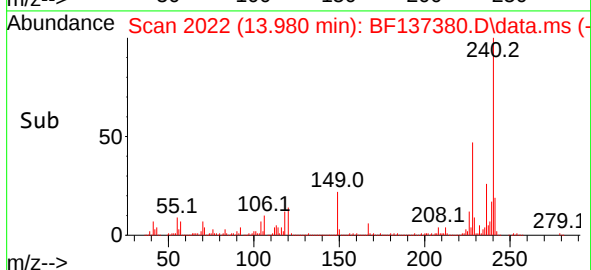
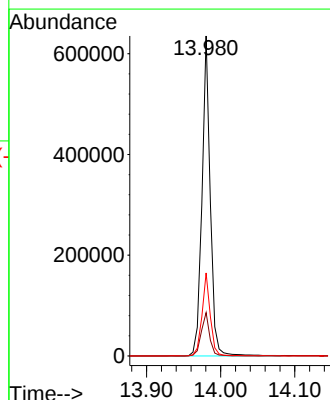
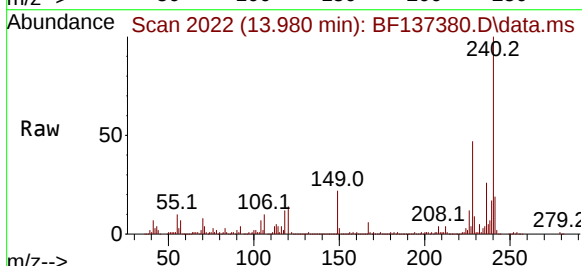
Tgt Ion:240 Resp: 495768

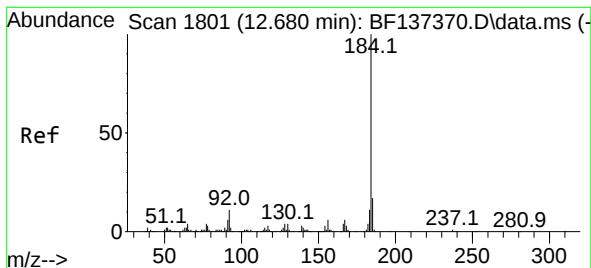
Ion Ratio Lower Upper

240 100

120 13.6 11.3 16.9

236 25.9 20.5 30.7





#77

Benzidine

Concen: 35.327 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

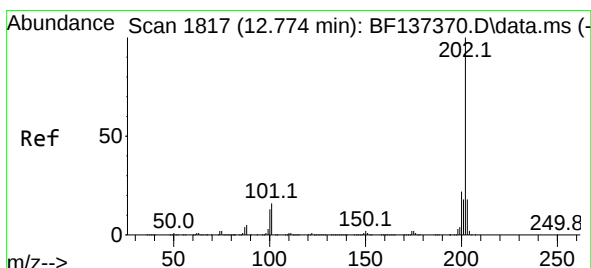
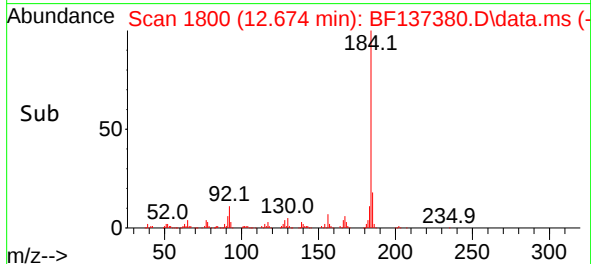
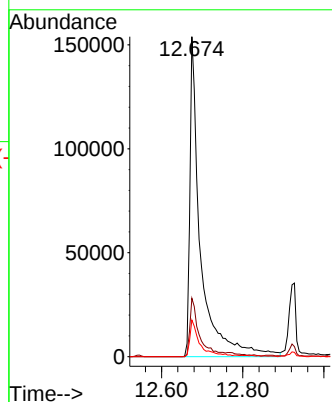
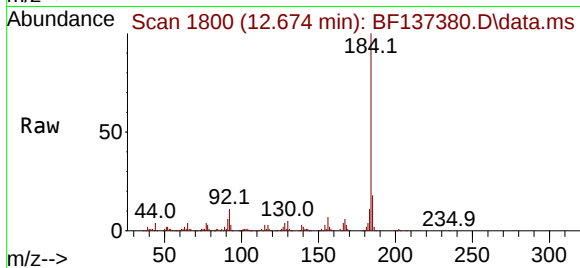
Tgt Ion:184 Resp: 280934

Ion Ratio Lower Upper

184 100

185 18.3 13.7 20.5

183 11.5 8.8 13.2



#78

Pyrene

Concen: 46.563 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

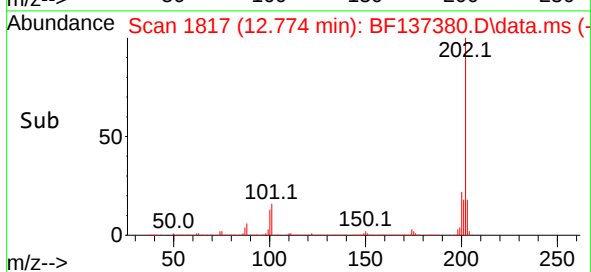
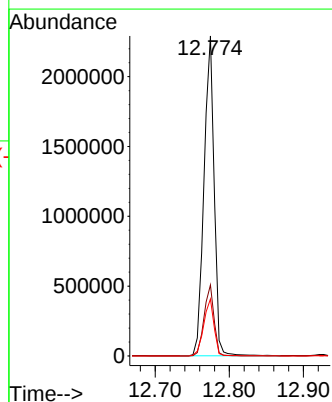
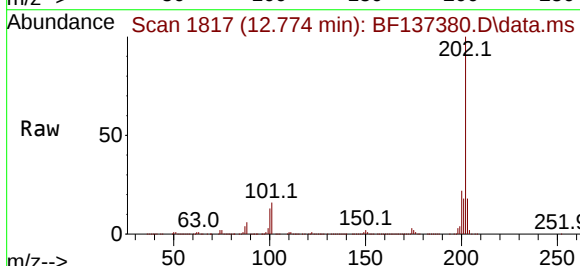
Tgt Ion:202 Resp: 2182800

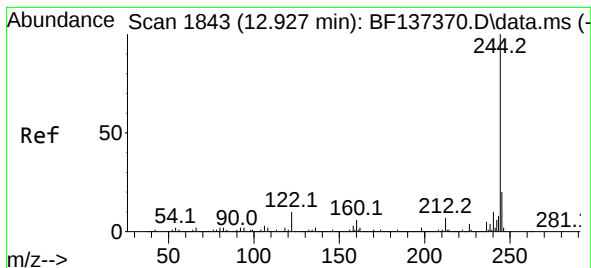
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 89.892 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

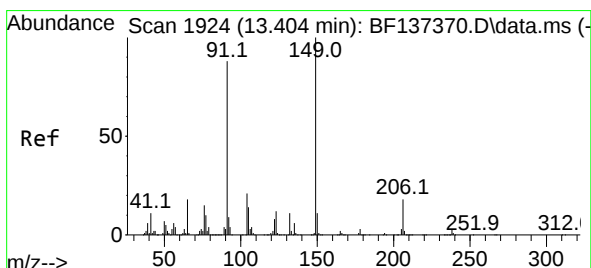
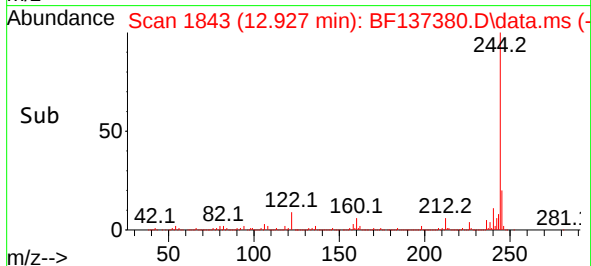
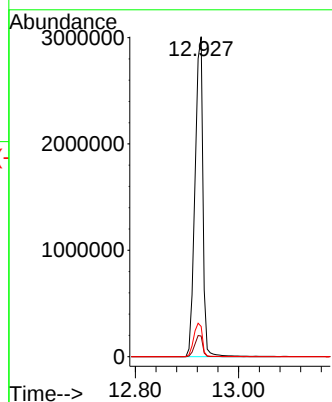
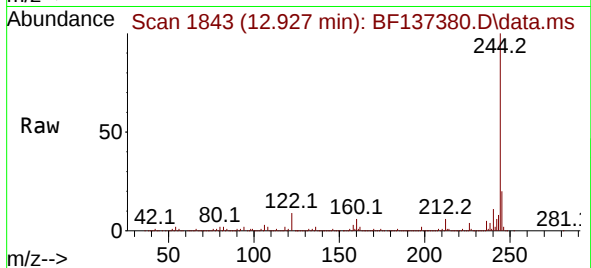
Tgt Ion:244 Resp: 3186246

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 9.4 8.2 12.4



#80

Butylbenzylphthalate

Concen: 55.426 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

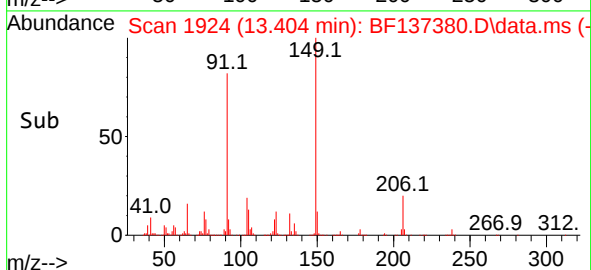
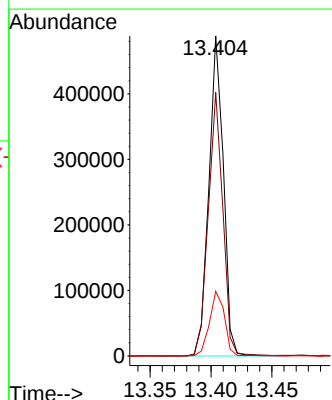
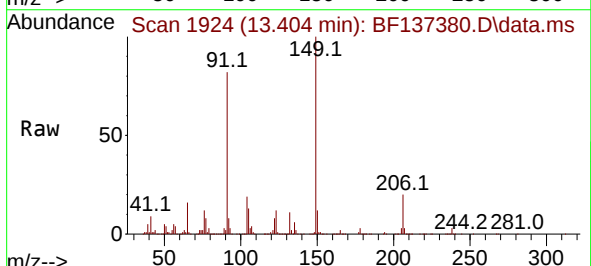
Tgt Ion:149 Resp: 403915

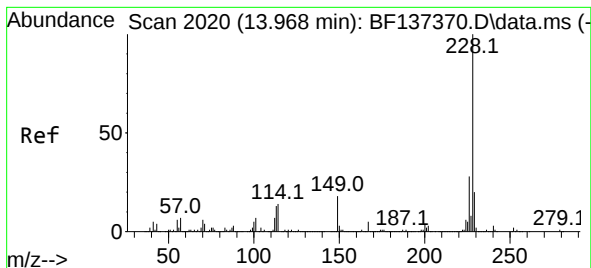
Ion Ratio Lower Upper

149 100

91 82.3 70.5 105.7

206 20.2 14.8 22.2





#81

Benzo(a)anthracene

Concen: 46.180 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

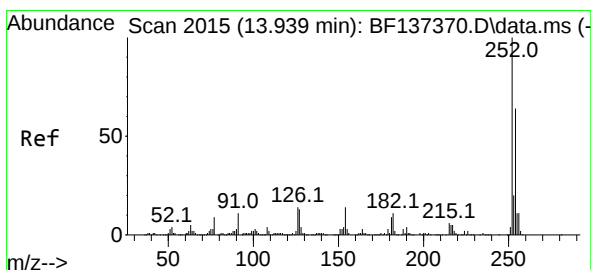
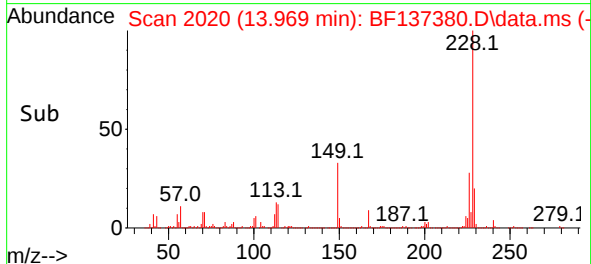
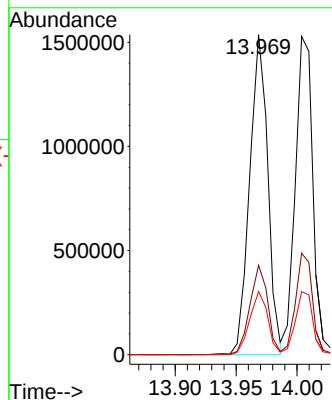
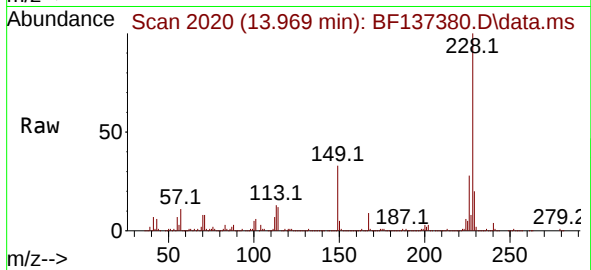
Tgt Ion:228 Resp: 1588689

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.660 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

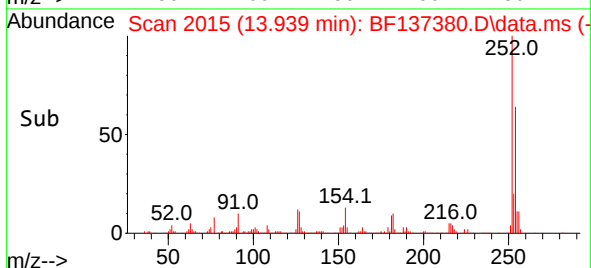
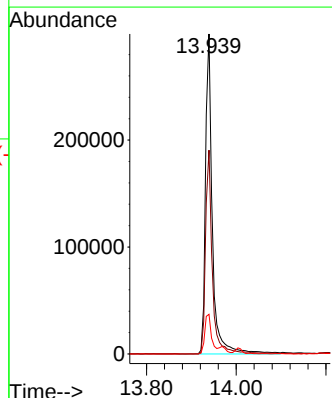
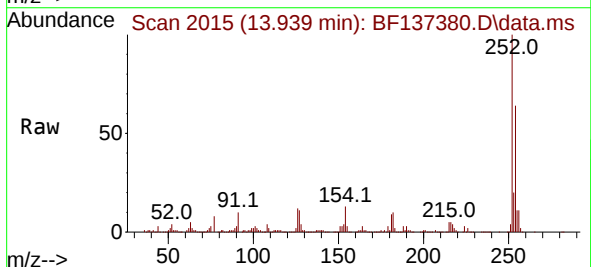
Tgt Ion:252 Resp: 319289

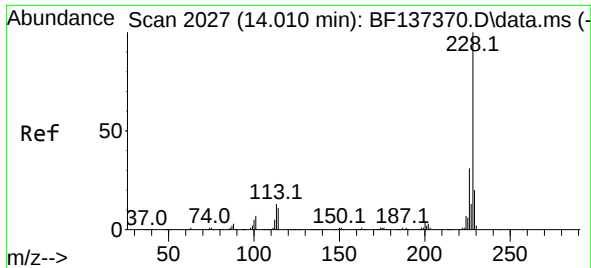
Ion Ratio Lower Upper

252 100

254 63.7 51.2 76.8

126 12.4 11.1 16.7





#83

Chrysene

Concen: 44.824 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

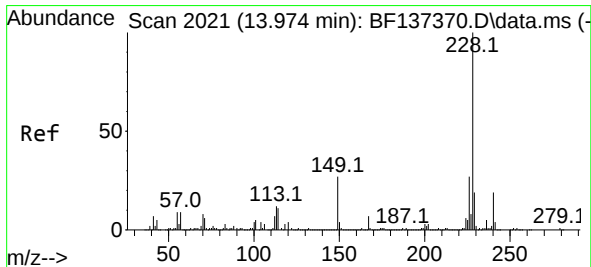
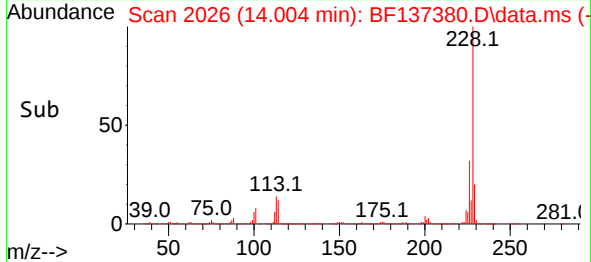
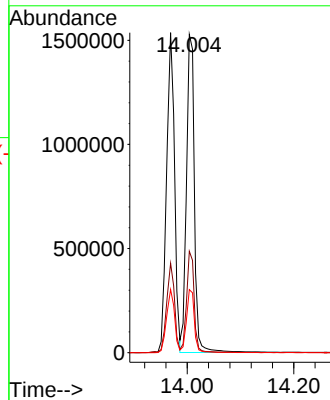
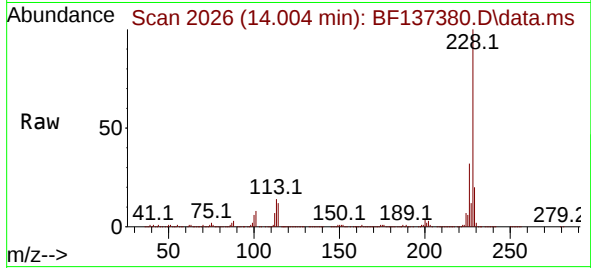
Tgt Ion:228 Resp: 1575251

Ion Ratio Lower Upper

228 100

226 31.9 24.6 37.0

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.260 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.005 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

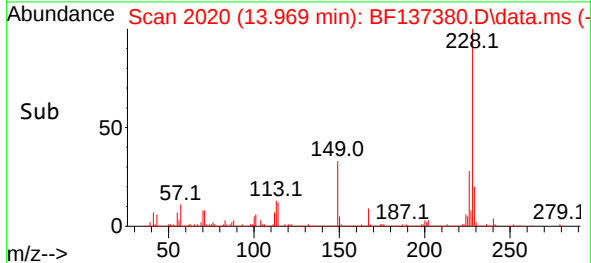
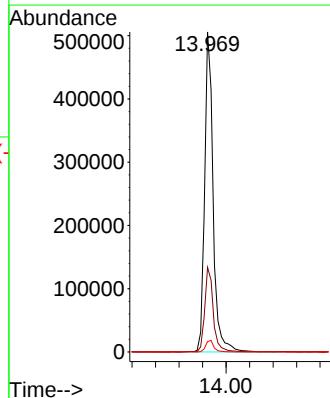
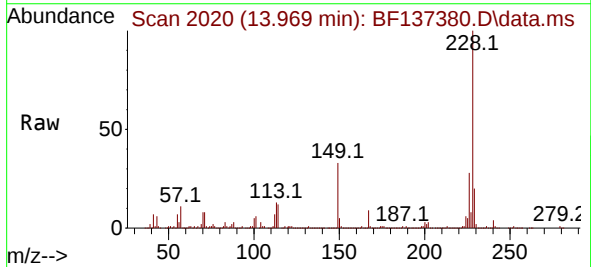
Tgt Ion:149 Resp: 504703

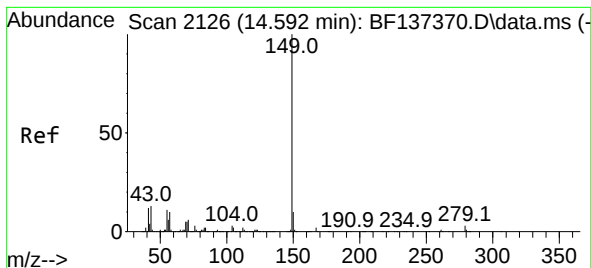
Ion Ratio Lower Upper

149 100

167 26.4 20.6 31.0

279 3.3 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 54.797 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.000 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB159110BSD

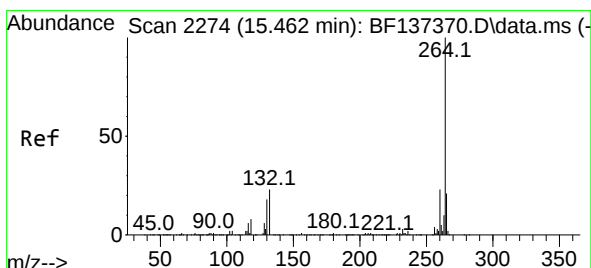
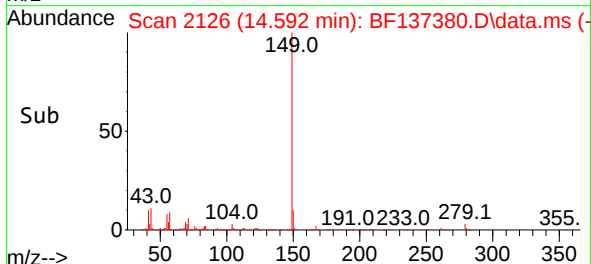
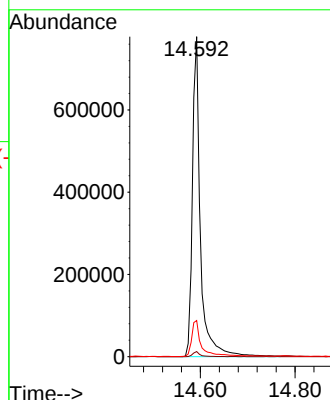
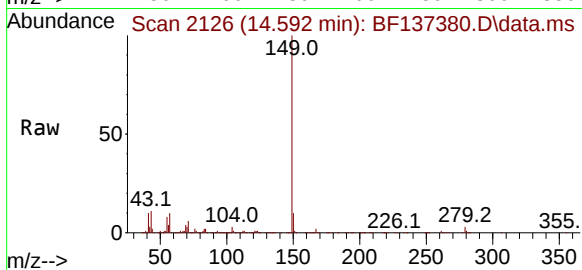
Tgt Ion:149 Resp: 911525

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 14.1 13.7 20.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF137380.D

Acq: 26 Feb 2024 12:19

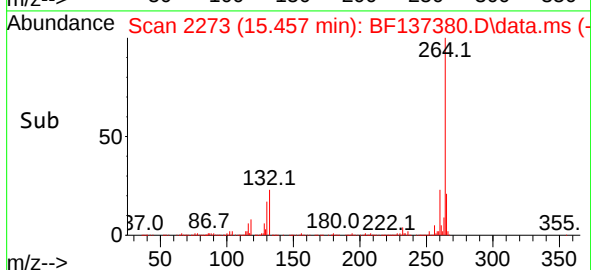
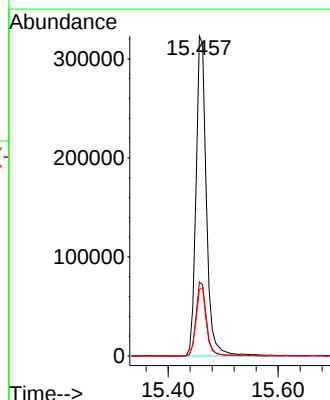
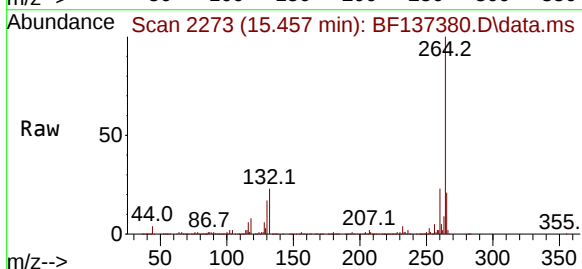
Tgt Ion:264 Resp: 422516

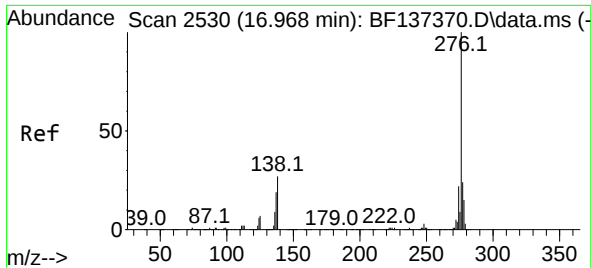
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 20.7 16.9 25.3

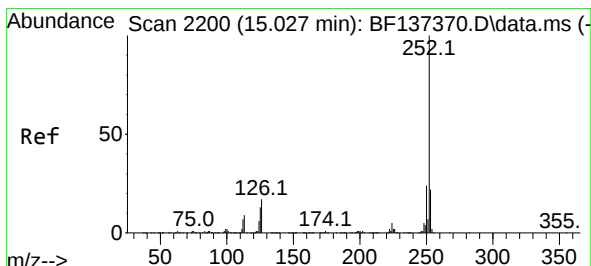
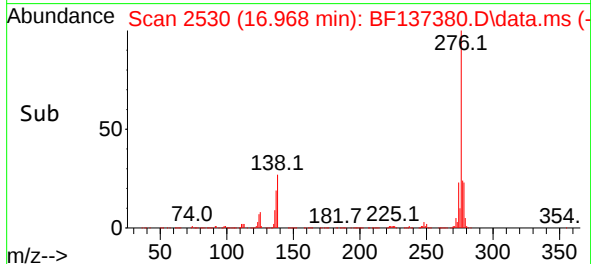
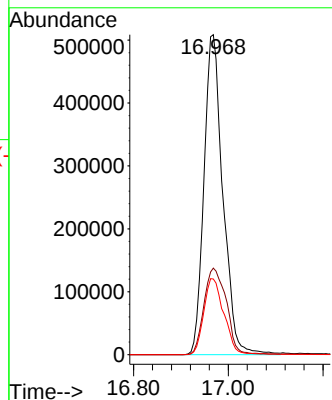
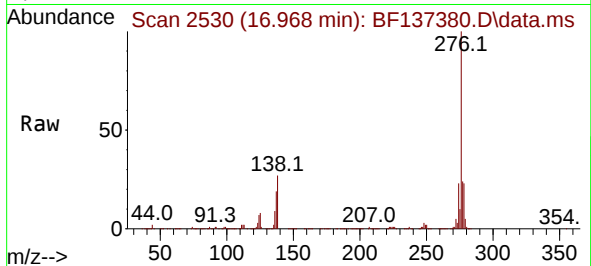




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.350 ng
 RT: 16.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137380.D
 Acq: 26 Feb 2024 12:19

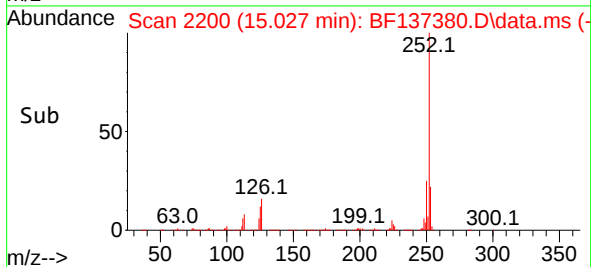
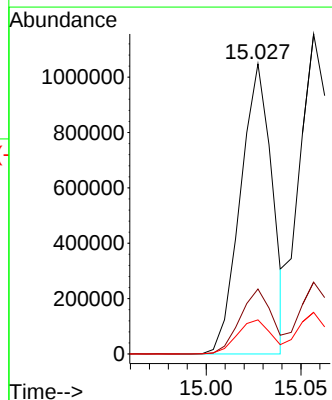
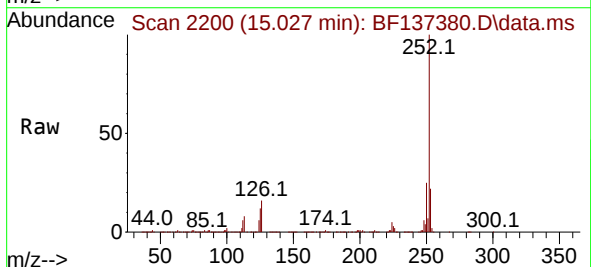
Instrument :
 BNA_F
 ClientSampleId :
 PB159110BSD

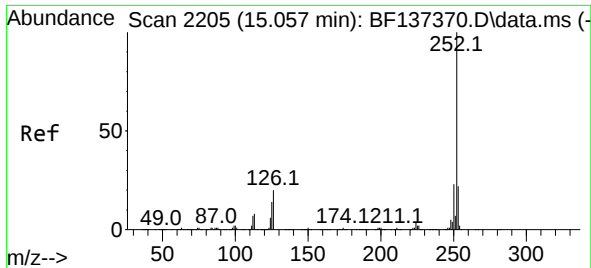
Tgt Ion:276 Resp: 1414954
 Ion Ratio Lower Upper
 276 100
 138 32.0 25.8 38.8
 277 25.3 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 47.185 ng
 RT: 15.027 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: BF137380.D
 Acq: 26 Feb 2024 12:19

Tgt Ion:252 Resp: 1222989
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 11.7 10.2 15.2

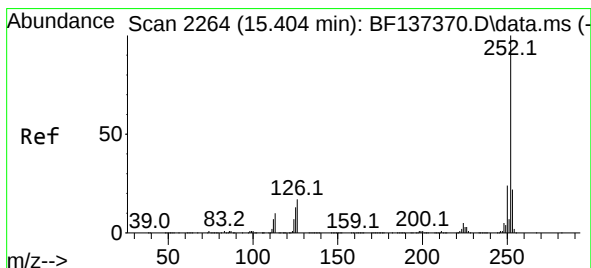
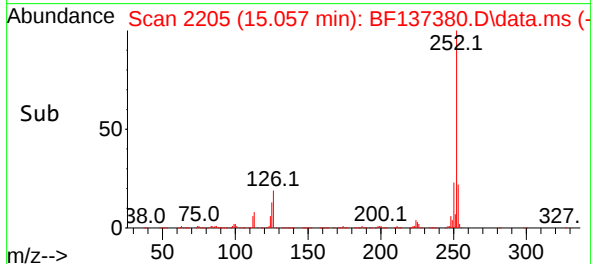
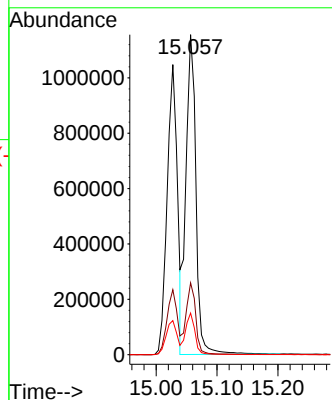
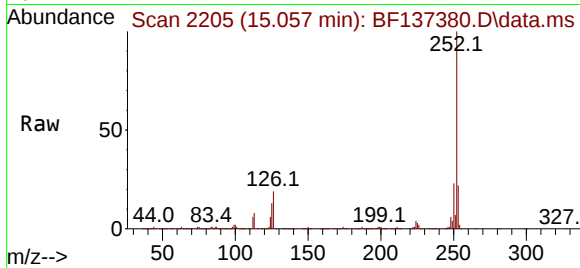




#89
Benzo(k)fluoranthene
Concen: 48.418 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

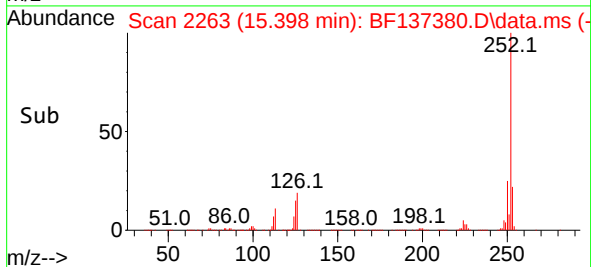
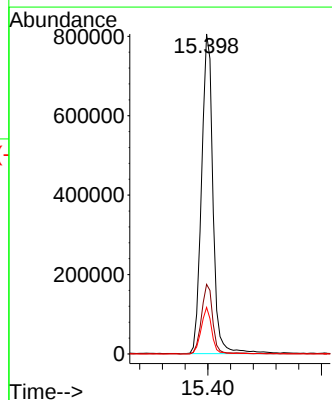
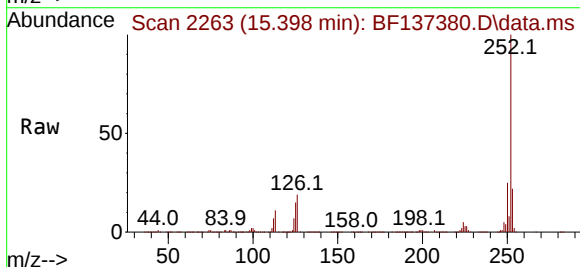
Instrument :
BNA_F
ClientSampleId :
PB159110BSD

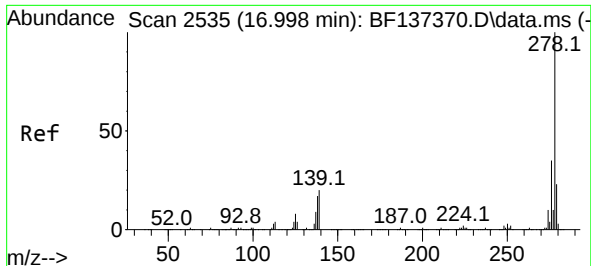
Tgt Ion:252 Resp: 1315337
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 13.0 10.7 16.1



#90
Benzo(a)pyrene
Concen: 45.726 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:252 Resp: 1124192
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 14.6 10.6 16.0

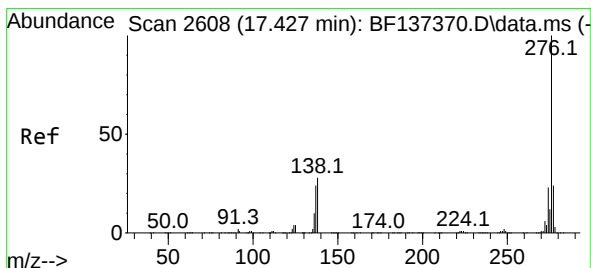
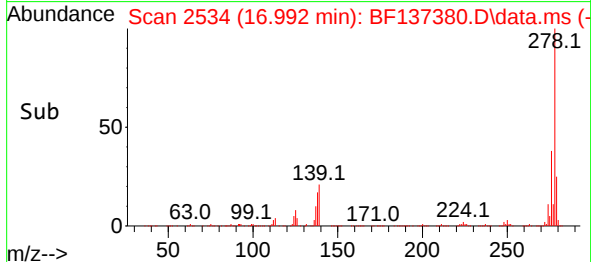
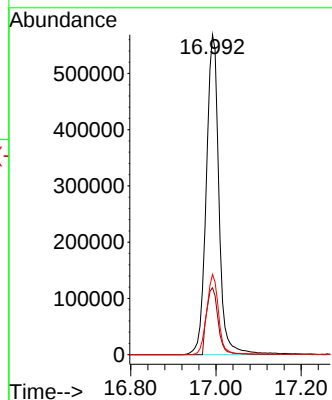
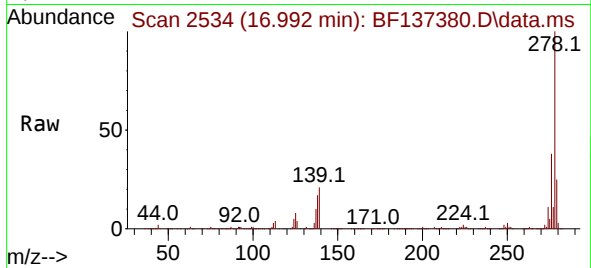




#91
Dibenzo(a,h)anthracene
Concen: 49.006 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB159110BSD

Tgt Ion:278 Resp: 1175468
Ion Ratio Lower Upper
278 100
139 20.9 16.2 24.4
279 25.1 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 48.319 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.000 min
Lab File: BF137380.D
Acq: 26 Feb 2024 12:19

Tgt Ion:276 Resp: 1197810
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 28.2 22.6 33.8

