

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137530.D
 Acq On : 07 Mar 2024 15:13
 Operator : CG\JU
 Sample : PB159489BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159489BS

Quant Time: Mar 07 15:41:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	239063	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	976541	20.000	ng	0.01
39) Acenaphthene-d10	9.904	164	551849	20.000	ng	0.01
64) Phenanthrene-d10	11.398	188	991789	20.000	ng	0.01
76) Chrysene-d12	14.063	240	529272	20.000	ng	0.01
86) Perylene-d12	15.598	264	474837	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1994820	126.378	ng	0.03
7) Phenol-d6	6.522	99	2752211	120.793	ng	0.02
23) Nitrobenzene-d5	7.434	82	1761609	83.818	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	741799	153.069	ng	0.01
45) 2-Fluorobiphenyl	9.228	172	2807219	79.629	ng	0.01
79) Terphenyl-d14	13.004	244	3365356	87.436	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	315065	36.505	ng	99
3) Pyridine	3.587	79	721451	34.660	ng	99
4) n-Nitrosodimethylamine	3.569	42	379388	45.233	ng	98
6) Aniline	6.545	93	690399	24.798	ng	98
8) 2-Chlorophenol	6.657	128	799486	48.021	ng	94
9) Benzaldehyde	6.428	77	624126	55.913	ng	100
10) Phenol	6.534	94	1062149	43.311	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	850871	47.347	ng	99
12) 1,3-Dichlorobenzene	6.810	146	811712	45.627	ng	99
13) 1,4-Dichlorobenzene	6.887	146	832392	45.730	ng	97
14) 1,2-Dichlorobenzene	7.034	146	787713	47.148	ng	99
15) Benzyl Alcohol	7.022	79	753469	53.119	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1314851	42.565	ng	88
17) 2-Methylphenol	7.128	107	681774	43.763	ng	98
18) Hexachloroethane	7.375	117	283806	47.353	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	604673	42.977	ng	98
20) 3+4-Methylphenols	7.281	107	750552	42.067	ng	96
22) Acetophenone	7.281	105	1057379	44.752	ng	# 95
24) Nitrobenzene	7.451	77	932956	44.189	ng	99
25) Isophorone	7.686	82	1805155	45.209	ng	99
26) 2-Nitrophenol	7.763	139	425269	50.736	ng	100
27) 2,4-Dimethylphenol	7.804	122	616661	39.373	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	1058784	45.194	ng	99
29) 2,4-Dichlorophenol	8.010	162	685654	47.700	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	692837	45.802	ng	100
31) Naphthalene	8.169	128	2237661	42.708	ng	99
32) Benzoic acid	7.963	122	457483	50.364	ng	97
33) 4-Chloroaniline	8.222	127	294184	14.319	ng	98
34) Hexachlorobutadiene	8.281	225	401499	44.958	ng	99
35) Caprolactam	8.604	113	136522	28.010	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	761263	47.379	ng	100
37) 2-Methylnaphthalene	8.857	142	1401207	41.951	ng	99
38) 1-Methylnaphthalene	8.957	142	1326359	42.167	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	687503	44.625	ng	99
41) Hexachlorocyclopentadiene	9.010	237	609439	95.189	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	482327	48.076	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137530.D
 Acq On : 07 Mar 2024 15:13
 Operator : CG\JU
 Sample : PB159489BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

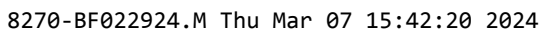
Instrument :
 BNA_F
 ClientSampleId :
 PB159489BS

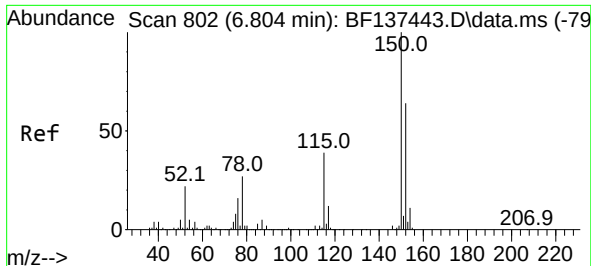
Quant Time: Mar 07 15:41:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	497981	43.089	ng	95
46) 1,1'-Biphenyl	9.328	154	1745842	43.224	ng	99
47) 2-Chloronaphthalene	9.351	162	1403730	45.584	ng	98
48) 2-Nitroaniline	9.457	65	516081	49.307	ng	97
49) Acenaphthylene	9.769	152	2159358	43.817	ng	99
50) Dimethylphthalate	9.639	163	1727587	44.972	ng	100
51) 2,6-Dinitrotoluene	9.698	165	387099	48.177	ng	99
52) Acenaphthene	9.939	154	1238450	42.093	ng	99
53) 3-Nitroaniline	9.869	138	265936	31.291	ng	97
54) 2,4-Dinitrophenol	9.980	184	420711	104.539	ng	97
55) Dibenzofuran	10.116	168	1860286	41.514	ng	98
56) 4-Nitrophenol	10.045	139	566810	92.964	ng	97
57) 2,4-Dinitrotoluene	10.110	165	466752	47.283	ng	93
58) Fluorene	10.463	166	1435436	41.711	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	441284	47.615	ng	94
60) Diethylphthalate	10.345	149	1619607	44.646	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	703924	41.736	ng	97
62) 4-Nitroaniline	10.498	138	359296	49.188	ng	95
63) Azobenzene	10.616	77	1833773	43.900	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	295408	53.441	ng	95
66) n-Nitrosodiphenylamine	10.580	169	1356792	42.483	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	480911	44.519	ng	98
68) Hexachlorobenzene	11.010	284	515856	47.280	ng	# 90
69) Atrazine	11.110	200	410320	42.263	ng	96
70) Pentachlorophenol	11.210	266	588550	89.233	ng	99
71) Phenanthrene	11.427	178	2245381	41.600	ng	98
72) Anthracene	11.480	178	2291286	41.332	ng	99
73) Carbazole	11.639	167	2050643	43.186	ng	100
74) Di-n-butylphthalate	11.974	149	2497780	44.212	ng	98
75) Fluoranthene	12.621	202	2278268	43.182	ng	99
77) Benzidine	12.751	184	287275	22.179	ng	98
78) Pyrene	12.857	202	2301760	44.321	ng	100
80) Butylbenzylphthalate	13.486	149	813008	61.299	ng	99
81) Benzo(a)anthracene	14.051	228	1632039	43.995	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	401234	40.616	ng	99
83) Chrysene	14.092	228	1642686	43.813	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	963011	57.126	ng	99
85) Di-n-octyl phthalate	14.680	149	1623830	49.749	ng	99
87) Indeno(1,2,3-cd)pyrene	17.204	276	1570905	50.273	ng	98
88) Benzo(b)fluoranthene	15.139	252	1419837	50.549	ng	99
89) Benzo(k)fluoranthene	15.174	252	1362780	45.171	ng	99
90) Benzo(a)pyrene	15.533	252	1274686	46.051	ng	99
91) Dibenzo(a,h)anthracene	17.233	278	1263485	49.845	ng	98
92) Benzo(g,h,i)perylene	17.692	276	1269916	48.782	ng	98

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

Quant Time: Mar 07 15:41:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 00:07:28 2024
Response via : Initial Calibration

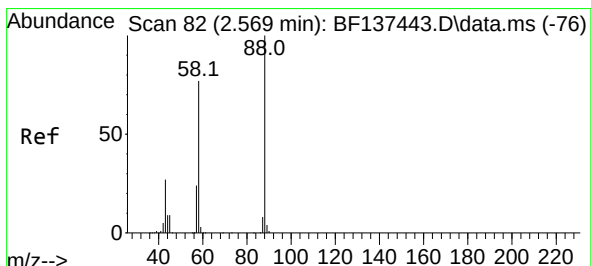
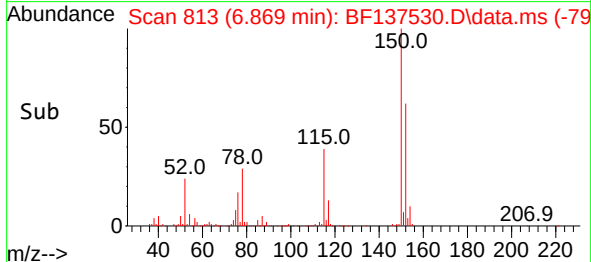
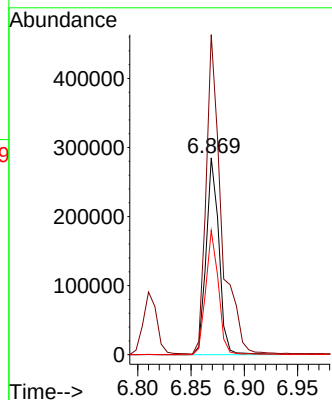
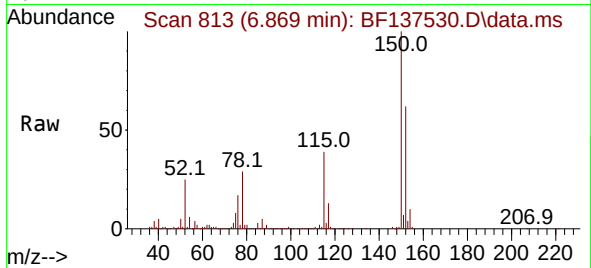




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF137530.D
 Acq: 07 Mar 2024 15:13

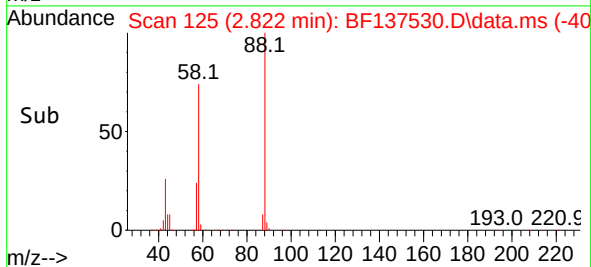
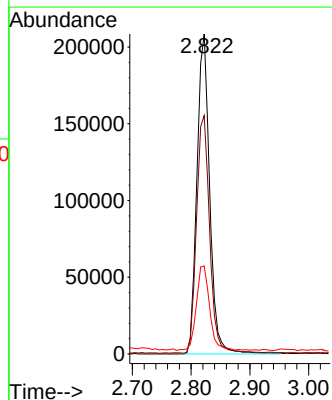
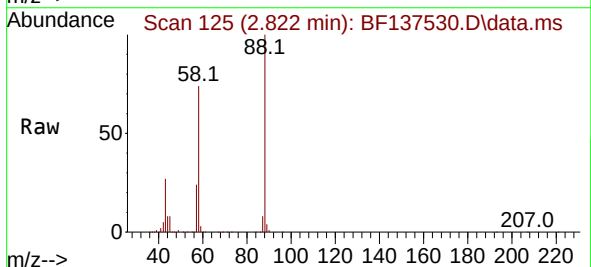
Instrument :
 BNA_F
 ClientSampleId :
 PB159489BS

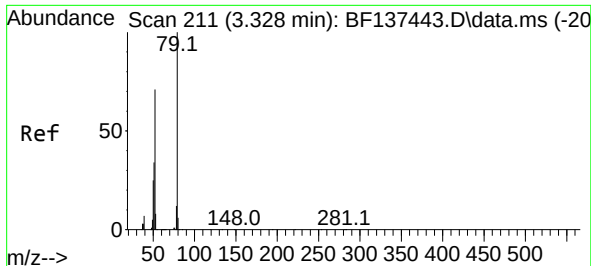
Tgt Ion:152 Resp: 239063
 Ion Ratio Lower Upper
 152 100
 150 162.6 125.8 188.6
 115 63.1 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.505 ng
 RT: 2.822 min Scan# 125
 Delta R.T. 0.147 min
 Lab File: BF137530.D
 Acq: 07 Mar 2024 15:13

Tgt Ion: 88 Resp: 315065
 Ion Ratio Lower Upper
 88 100
 58 76.1 61.8 92.8
 43 27.2 22.2 33.4





#3

Pyridine

Concen: 34.660 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.124 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

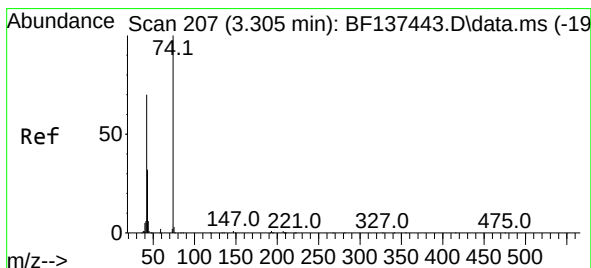
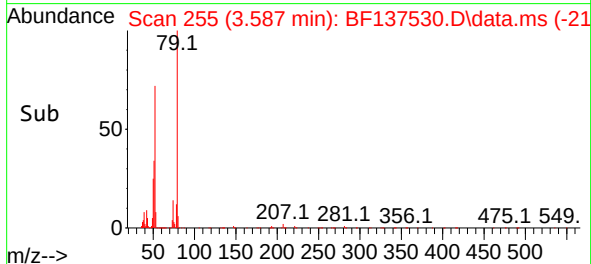
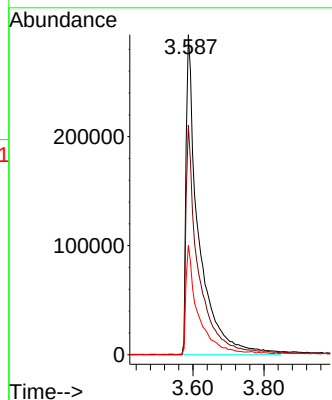
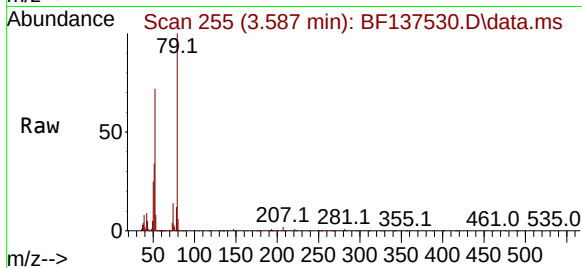
Tgt Ion: 79 Resp: 721451

Ion Ratio Lower Upper

79 100

52 71.7 57.0 85.4

51 34.2 27.5 41.3



#4

n-Nitrosodimethylamine

Concen: 45.233 ng

RT: 3.569 min Scan# 252

Delta R.T. 0.124 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

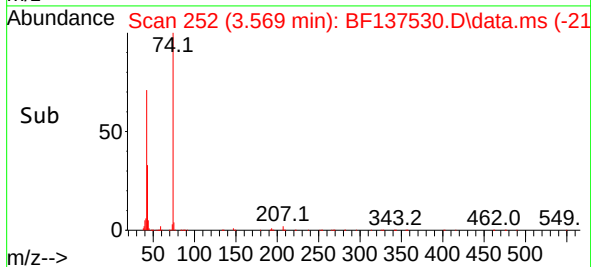
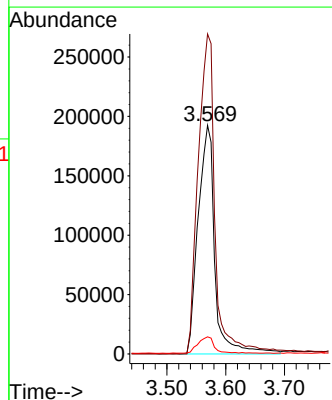
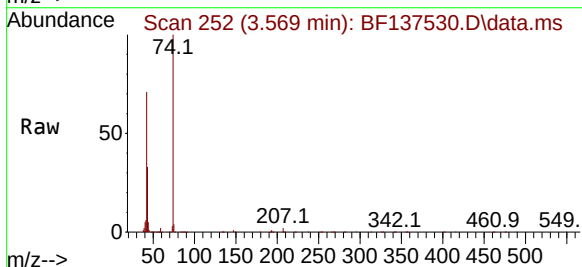
Tgt Ion: 42 Resp: 379388

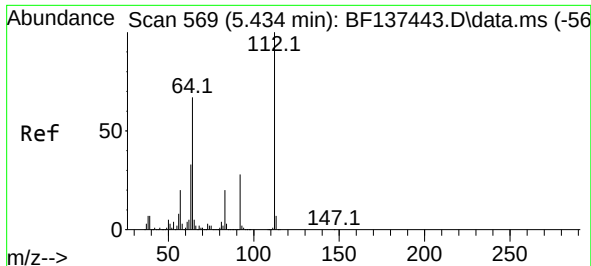
Ion Ratio Lower Upper

42 100

74 140.0 114.0 171.0

44 7.5 7.0 10.4

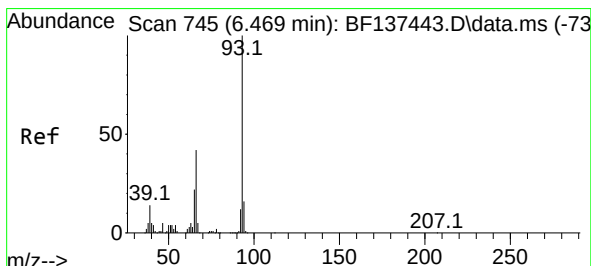
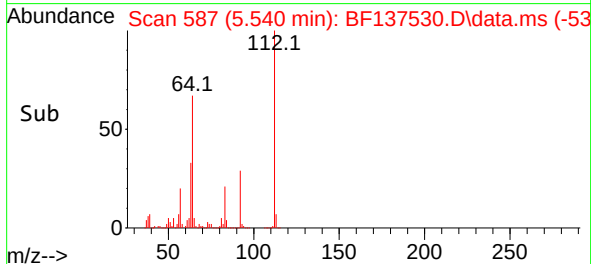
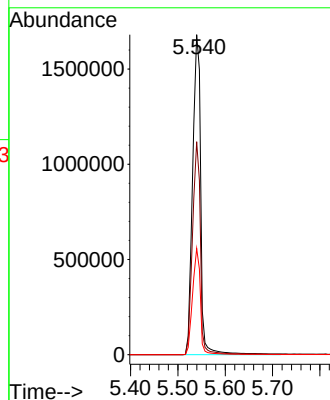
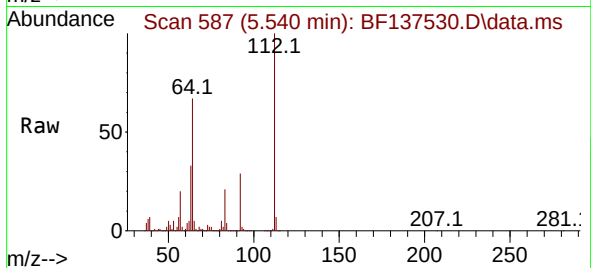




#5
2-Fluorophenol
Concen: 126.378 ng
RT: 5.540 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

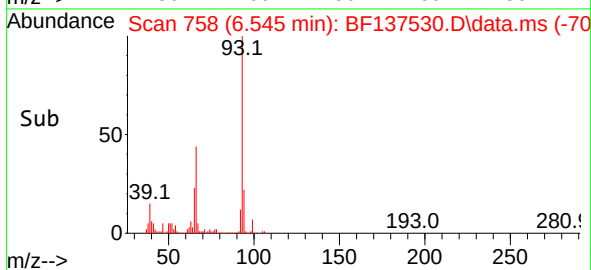
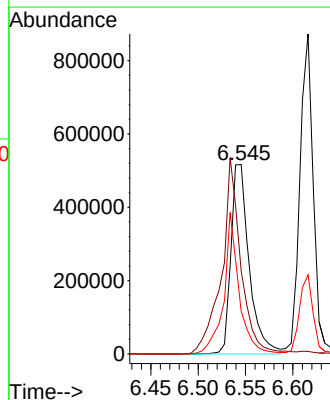
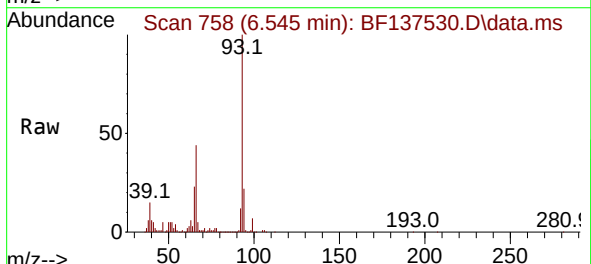
Instrument :
BNA_F
ClientSampleId :
PB159489BS

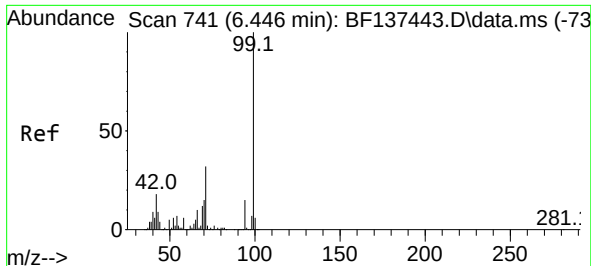
Tgt Ion:112 Resp: 1994820
Ion Ratio Lower Upper
112 100
64 66.6 53.4 80.2
63 33.2 26.2 39.2



#6
Aniline
Concen: 24.798 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion: 93 Resp: 690399
Ion Ratio Lower Upper
93 100
66 44.0 34.0 51.0
65 22.6 17.8 26.8

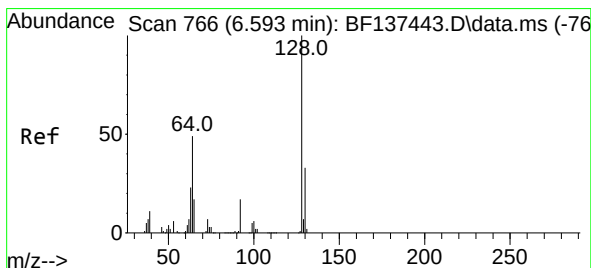
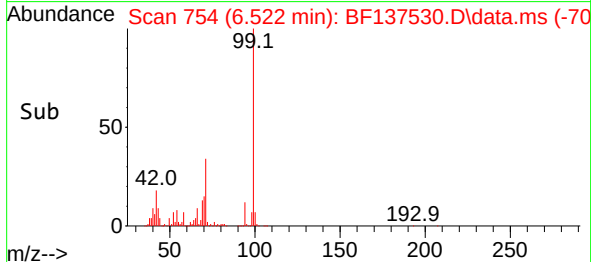
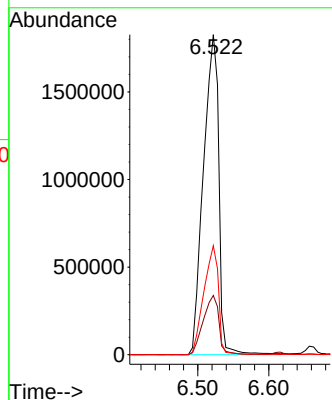
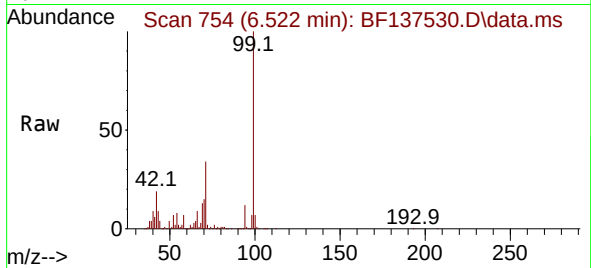




#7
Phenol-d6
Concen: 120.793 ng
RT: 6.522 min Scan# 711
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

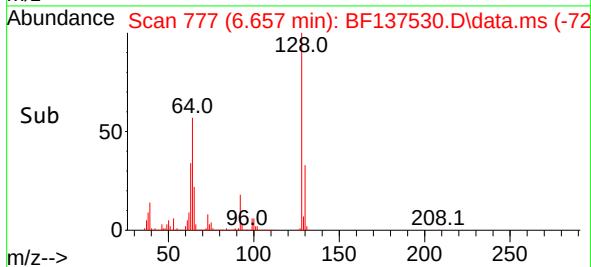
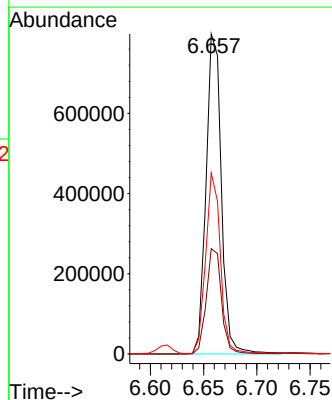
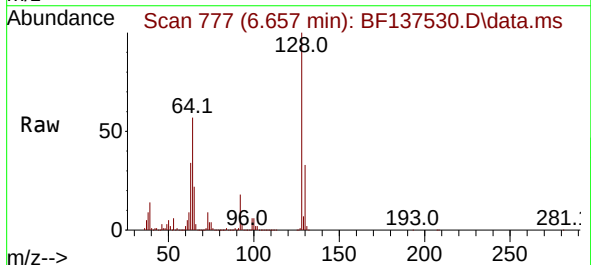
Instrument :
BNA_F
ClientSampleId :
PB159489BS

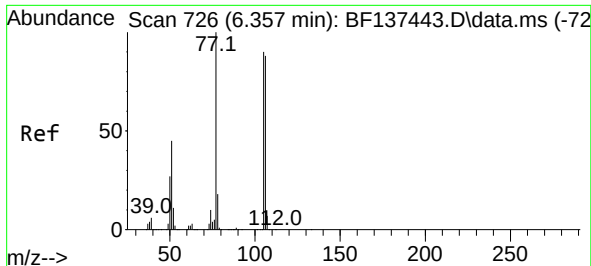
Tgt Ion: 99 Resp: 2752211
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 34.1 25.3 37.9



#8
2-Chlorophenol
Concen: 48.021 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.006 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:128 Resp: 799486
Ion Ratio Lower Upper
128 100
130 32.9 13.4 53.4
64 56.6 30.0 70.0





#9

Benzaldehyde

Concen: 55.913 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

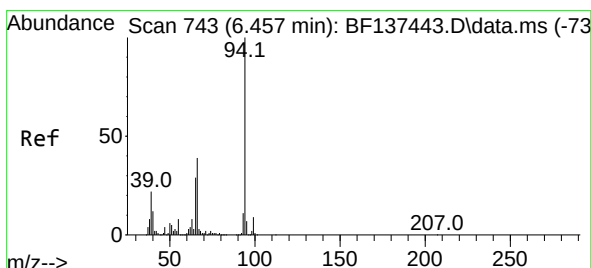
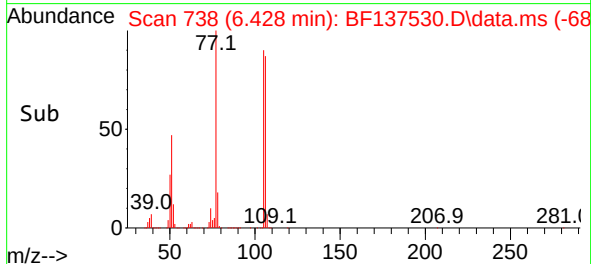
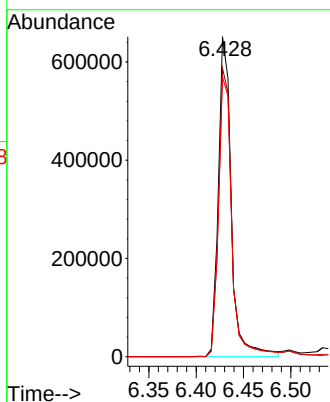
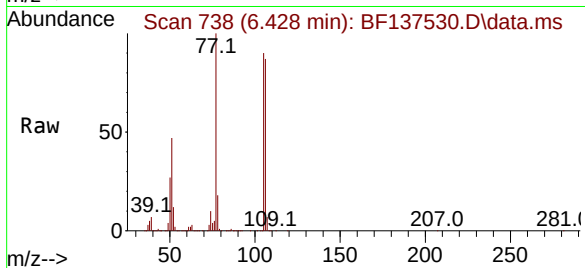
Tgt Ion: 77 Resp: 624126

Ion Ratio Lower Upper

77 100

105 90.2 69.8 109.8

106 87.5 67.8 107.8



#10

Phenol

Concen: 43.311 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.018 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

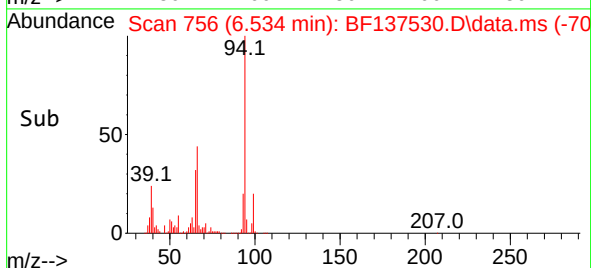
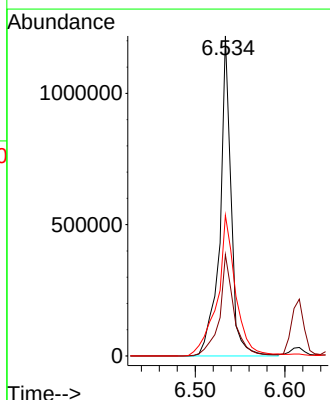
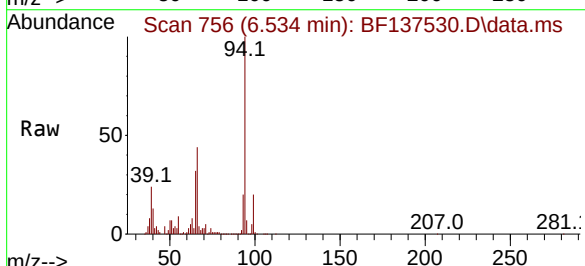
Tgt Ion: 94 Resp: 1062149

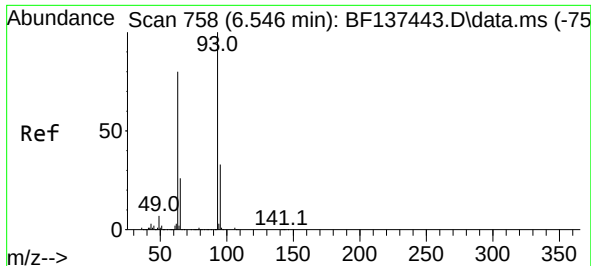
Ion Ratio Lower Upper

94 100

65 31.6 8.7 48.7

66 43.9 18.6 58.6

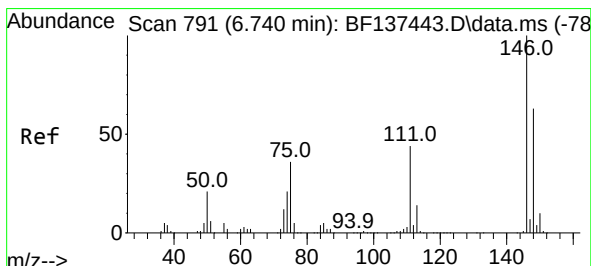
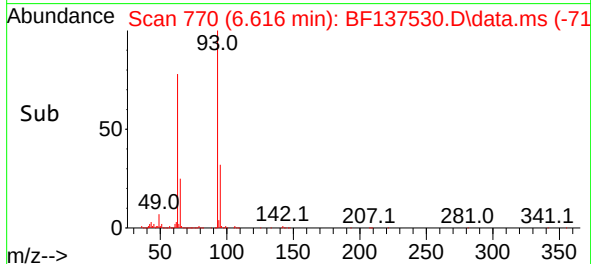
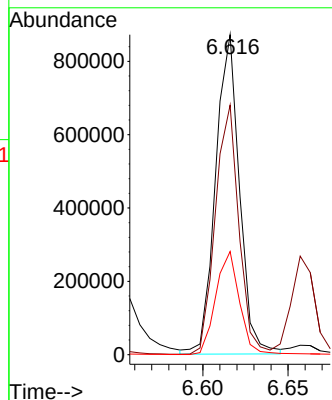
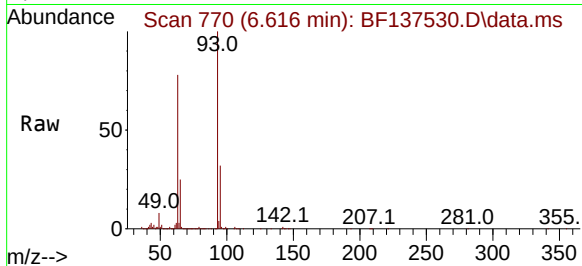




#11
bis(2-Chloroethyl)ether
Concen: 47.347 ng
RT: 6.616 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

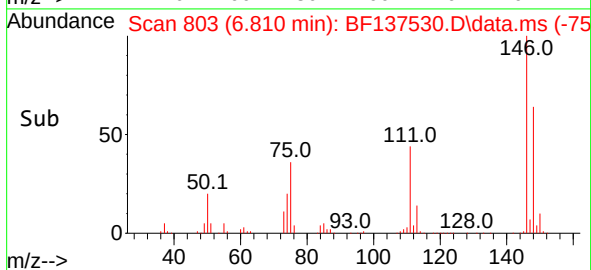
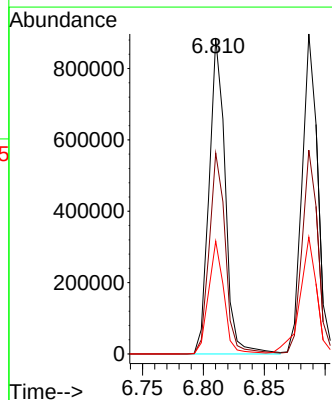
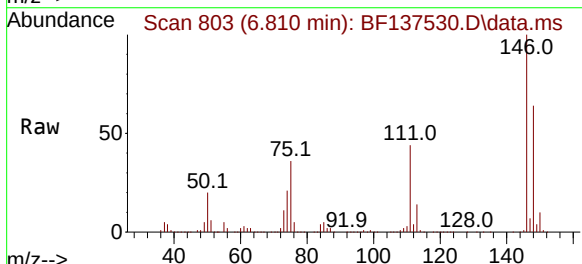
Instrument :
BNA_F
ClientSampleId :
PB159489BS

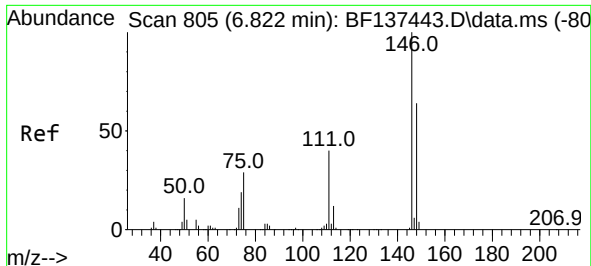
Tgt Ion: 93 Resp: 850871
Ion Ratio Lower Upper
93 100
63 78.0 58.9 98.9
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.627 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:146 Resp: 811712
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
75 35.7 29.0 43.4

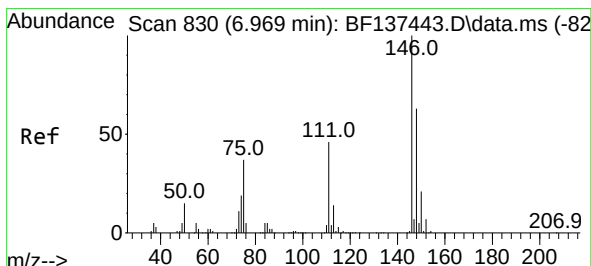
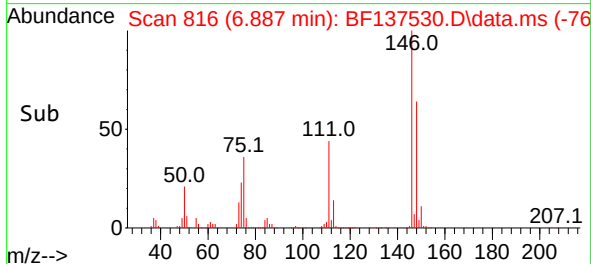
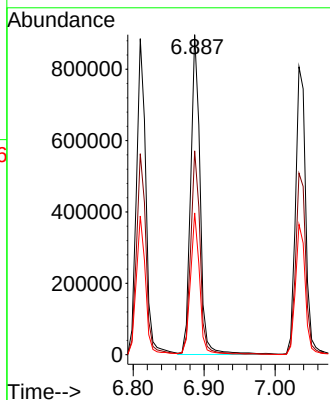
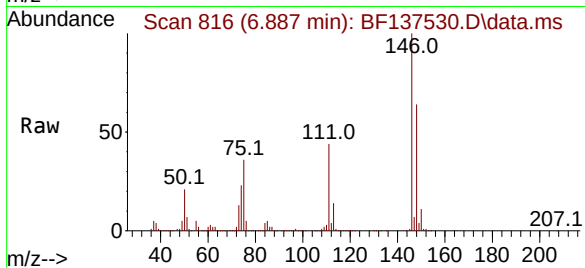




#13
1,4-Dichlorobenzene
Concen: 45.730 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.006 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

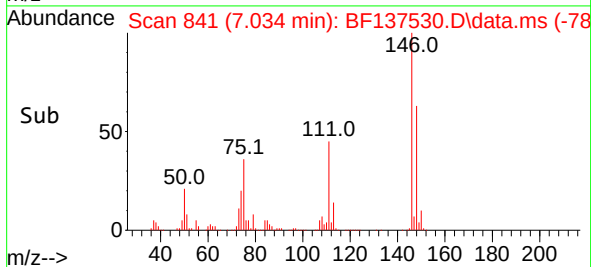
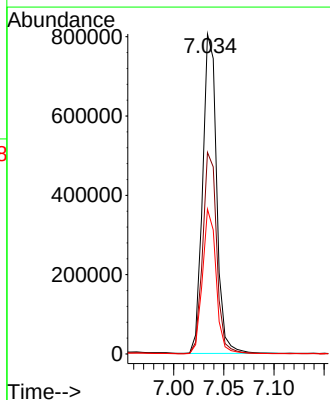
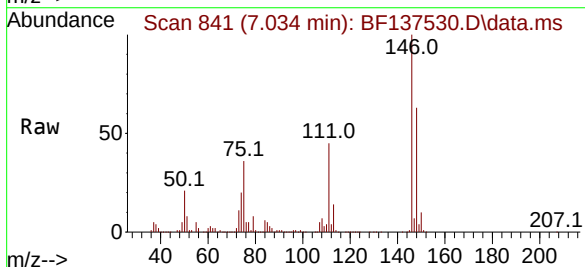
Instrument :
BNA_F
ClientSampleId :
PB159489BS

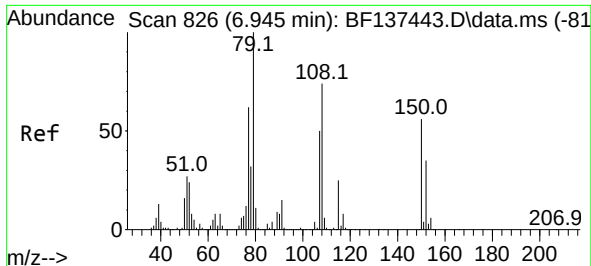
Tgt Ion:146 Resp: 832392
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 44.3 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 47.148 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:146 Resp: 787713
Ion Ratio Lower Upper
146 100
148 63.0 50.0 75.0
111 45.3 36.8 55.2

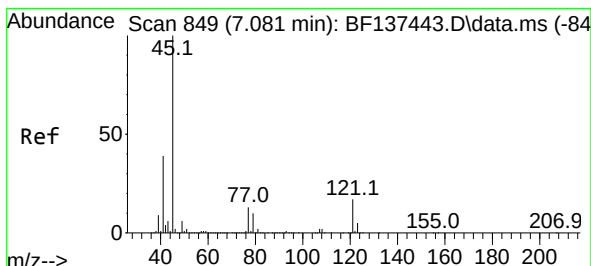
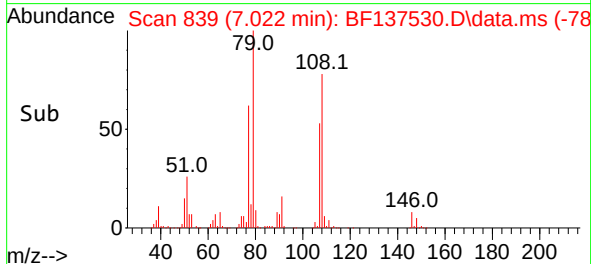
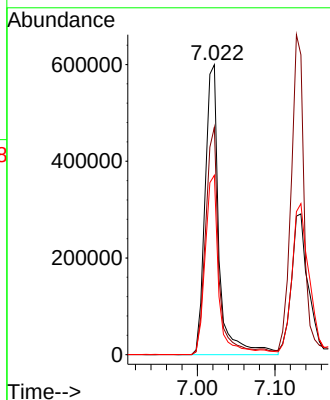
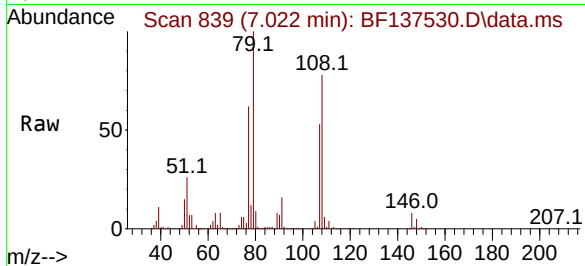




#15
Benzyl Alcohol
Concen: 53.119 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

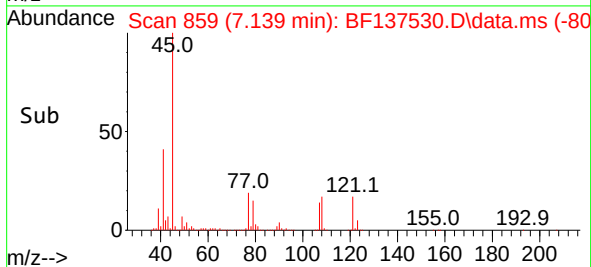
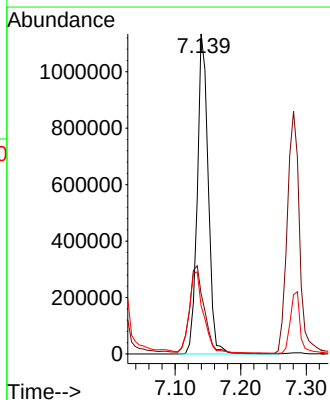
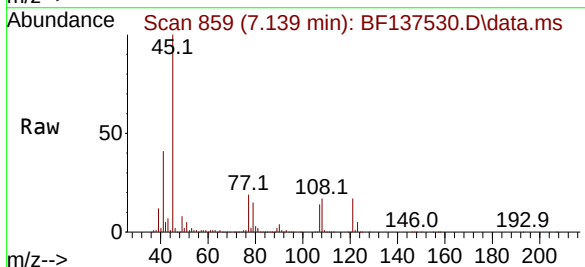
Instrument :
BNA_F
ClientSampleId :
PB159489BS

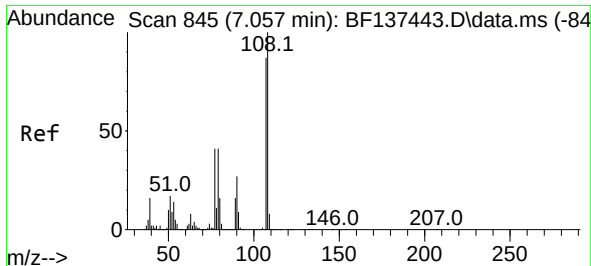
Tgt Ion: 79 Resp: 753469
Ion Ratio Lower Upper
79 100
108 78.4 59.5 89.3
77 61.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.565 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion: 45 Resp: 1314851
Ion Ratio Lower Upper
45 100
77 18.8 0.0 33.4
79 15.1 0.0 30.9



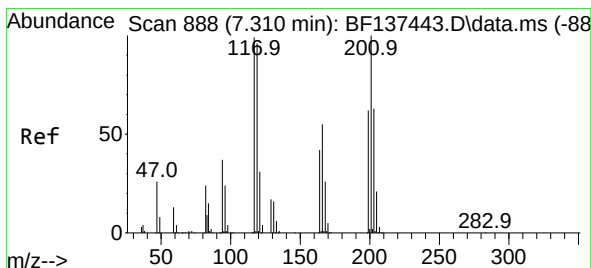
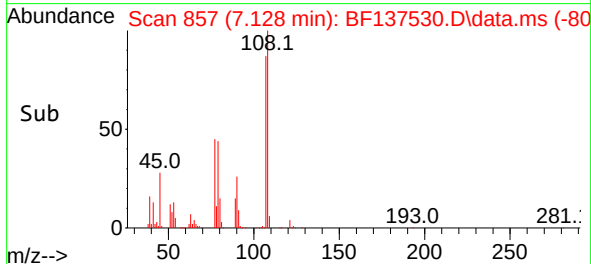
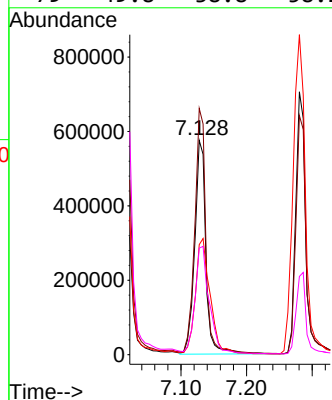
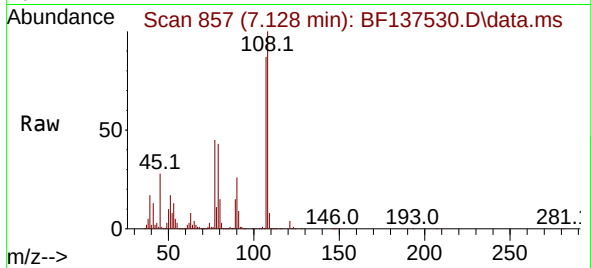


#17
2-Methylphenol
Concen: 43.763 ng
RT: 7.128 min Scan# 810
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Instrument :
BNA_F
ClientSampleId :
PB159489BS

Tgt Ion:107 Resp: 681774

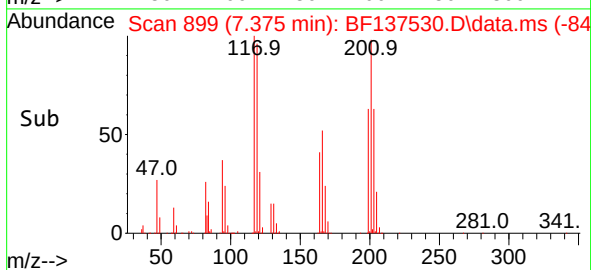
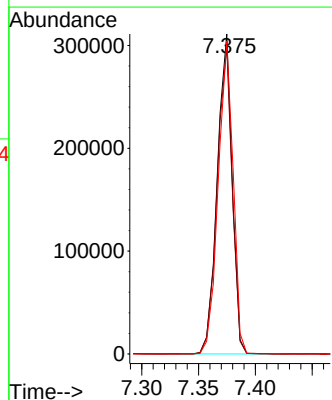
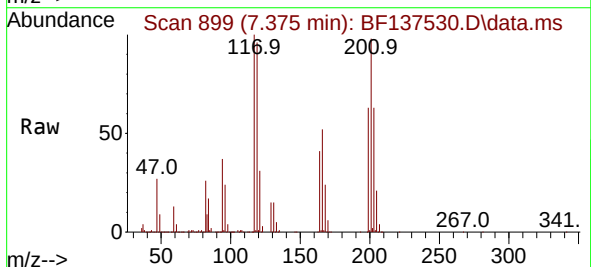
Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.2	138.4
77	51.4	38.6	57.8
79	49.8	38.8	58.2

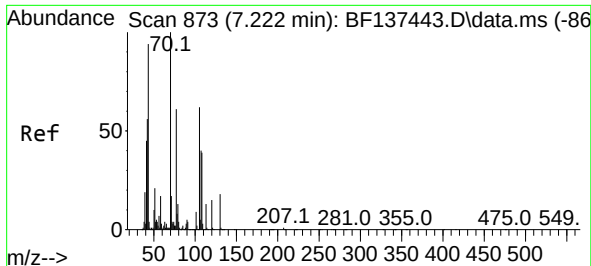


#18
Hexachloroethane
Concen: 47.353 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:117 Resp: 283806

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.5	116.3
201	97.8	80.6	121.0



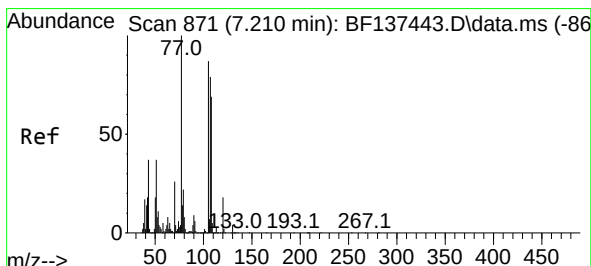
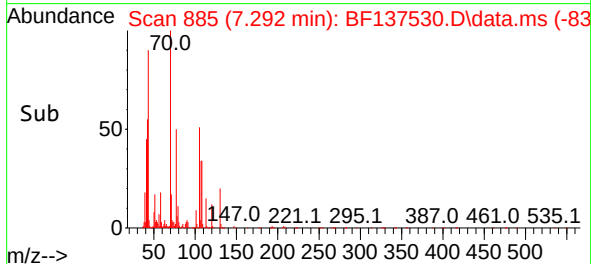
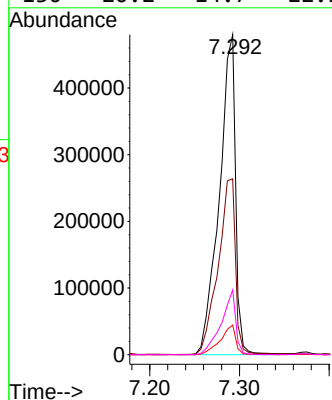
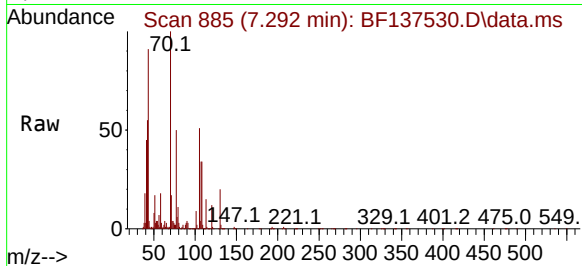


#19
n-Nitroso-di-n-propylamine
Concen: 42.977 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Instrument :
BNA_F
ClientSampleId :
PB159489BS

Tgt Ion: 70 Resp: 604673

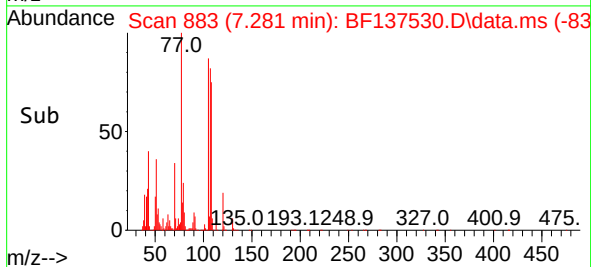
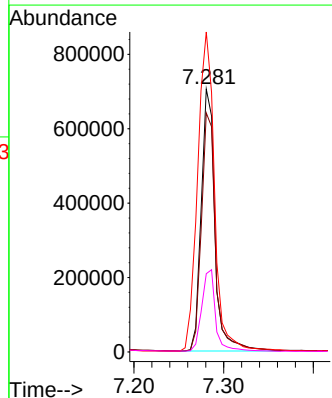
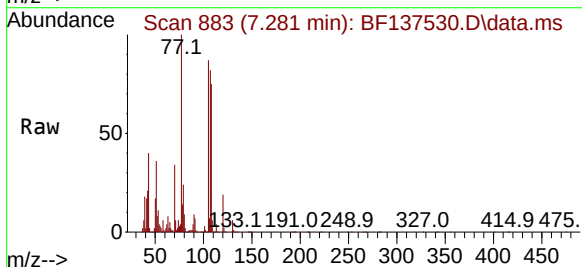
Ion	Ratio	Lower	Upper
70	100		
42	55.0	45.2	67.8
101	9.2	7.3	10.9
130	20.2	14.7	22.1

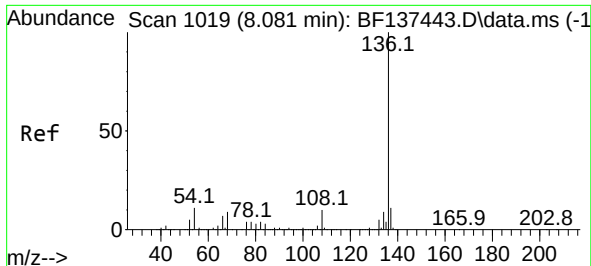


#20
3+4-Methylphenols
Concen: 42.067 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion: 107 Resp: 750552

Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.6	107.6
77	121.7	107.1	147.1
79	29.8	8.6	48.6

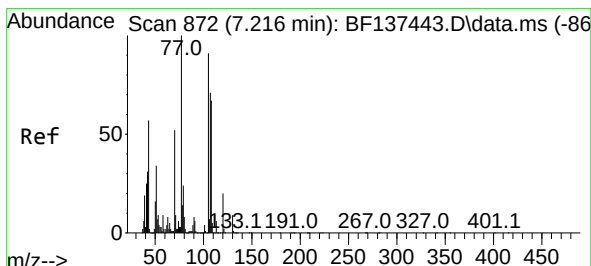
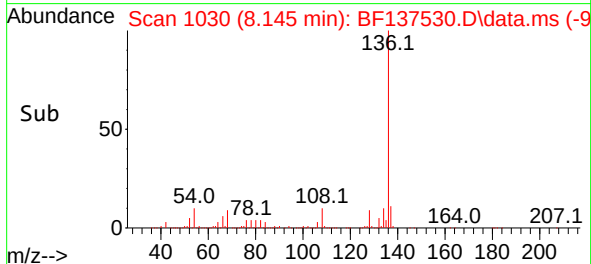
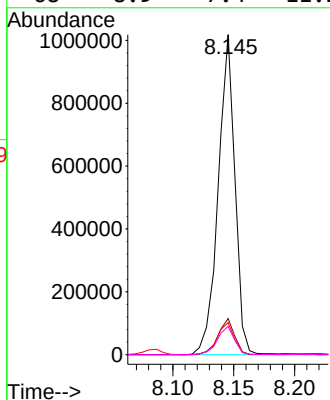
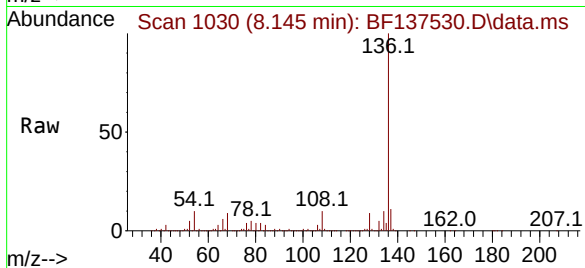




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

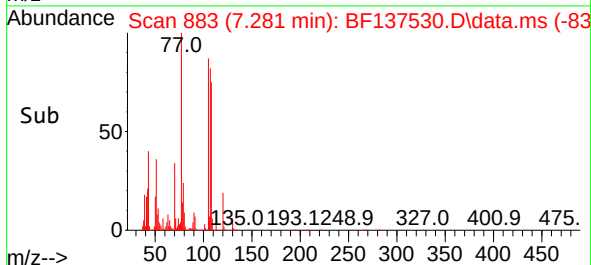
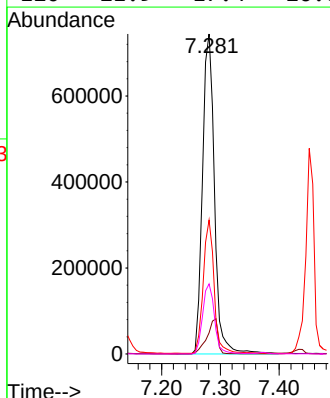
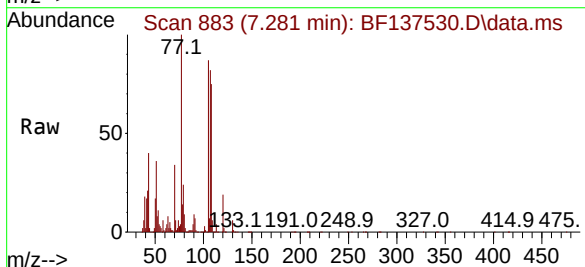
Instrument :
BNA_F
ClientSampleId :
PB159489BS

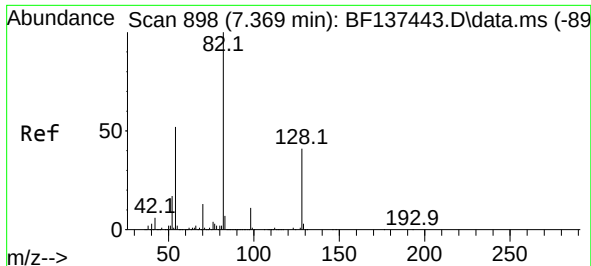
Tgt Ion:136 Resp: 976541
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.0 8.5 12.7
68 8.9 7.4 11.2



#22
Acetophenone
Concen: 44.752 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:105 Resp: 1057379
Ion Ratio Lower Upper
105 100
71 6.6 7.7 11.5#
51 41.8 30.4 45.6
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.818 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

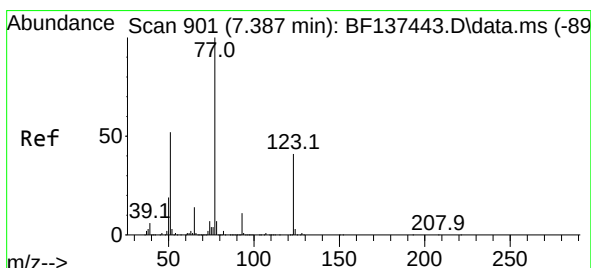
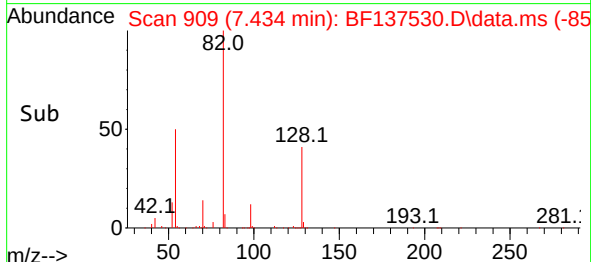
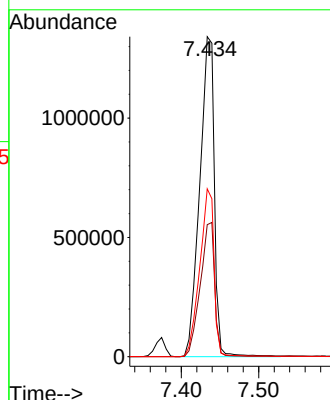
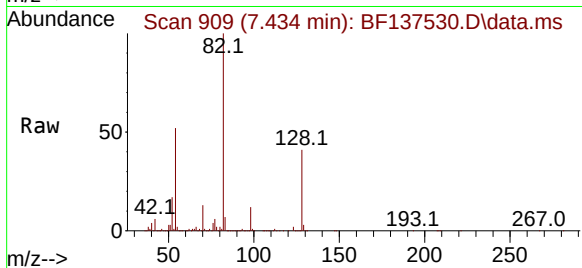
BNA_F

ClientSampleId :

PB159489BS

Tgt Ion: 82 Resp: 1761609

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.5	48.7
54	52.4	41.5	62.3



#24

Nitrobenzene

Concen: 44.189 ng

RT: 7.451 min Scan# 912

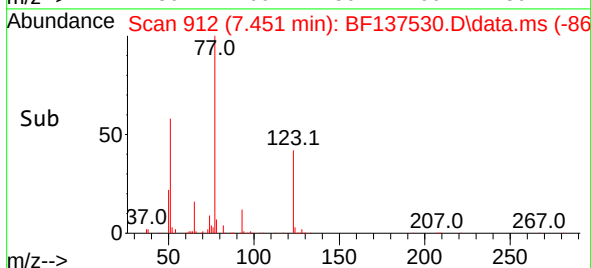
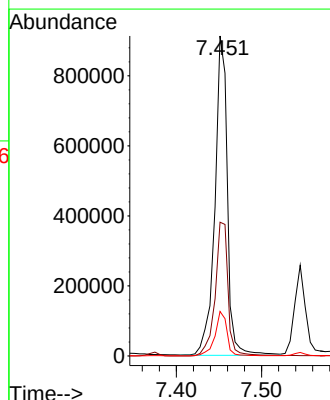
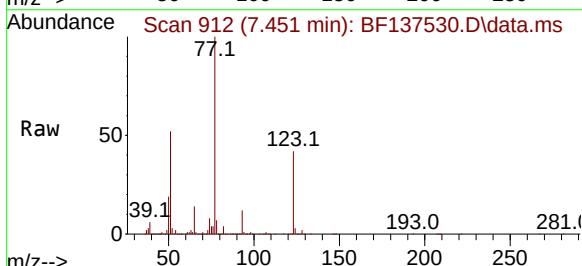
Delta R.T. 0.006 min

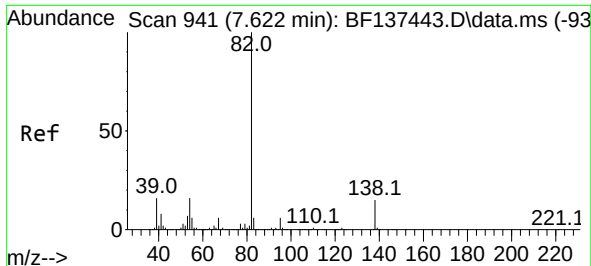
Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Tgt Ion: 77 Resp: 932956

Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.0	49.6
65	13.9	10.9	16.3

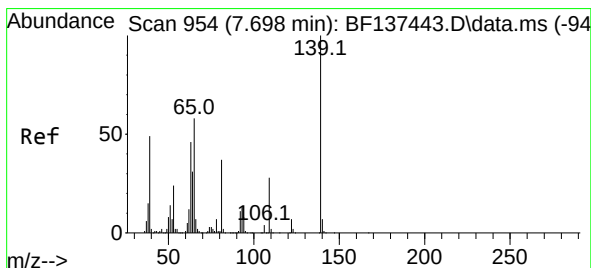
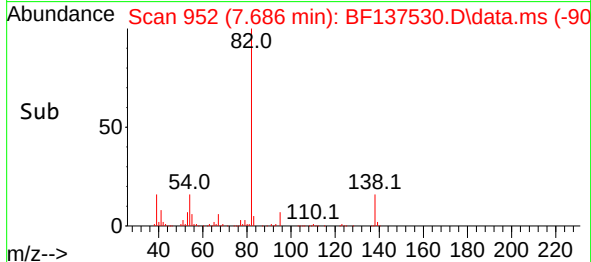
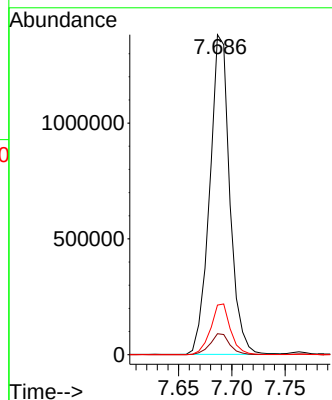
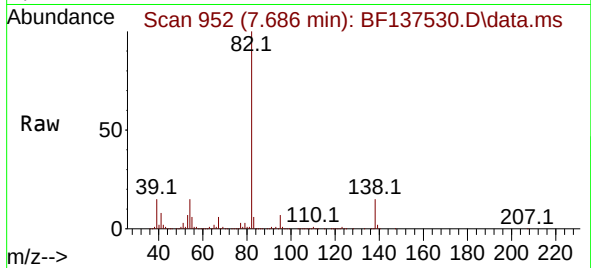




#25
Isophorone
Concen: 45.209 ng
RT: 7.686 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

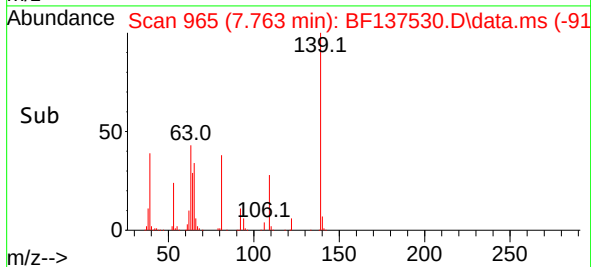
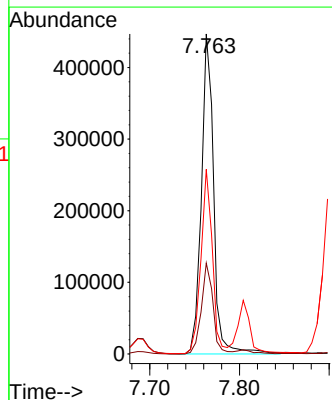
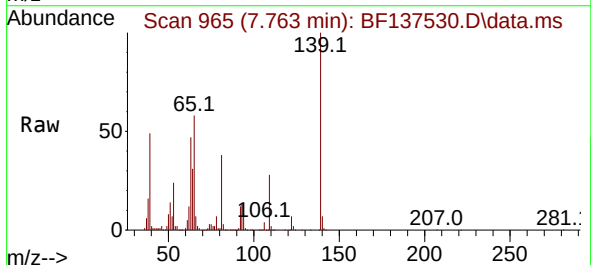
Instrument :
BNA_F
ClientSampleId :
PB159489BS

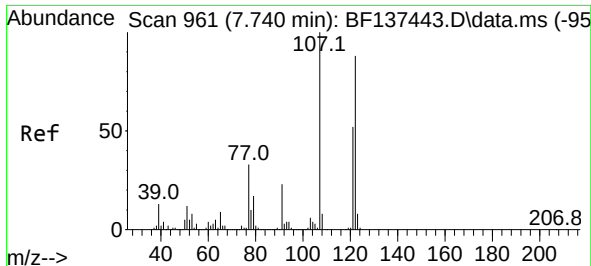
Tgt Ion: 82 Resp: 1805155
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.5 11.8 17.8



#26
2-Nitrophenol
Concen: 50.736 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:139 Resp: 425269
Ion Ratio Lower Upper
139 100
109 28.4 22.2 33.4
65 57.7 46.2 69.2

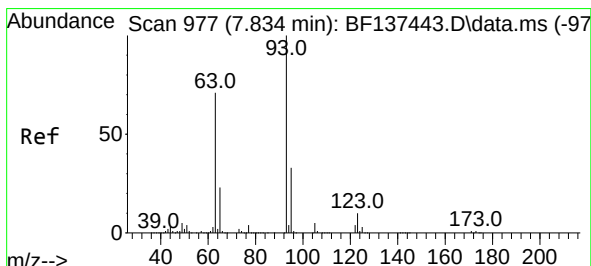
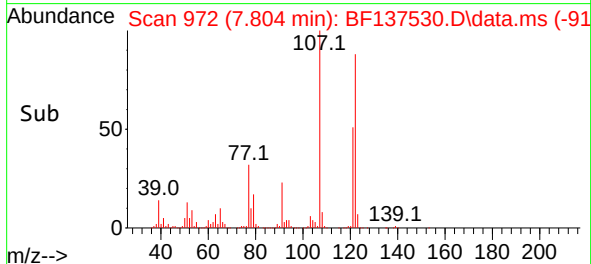
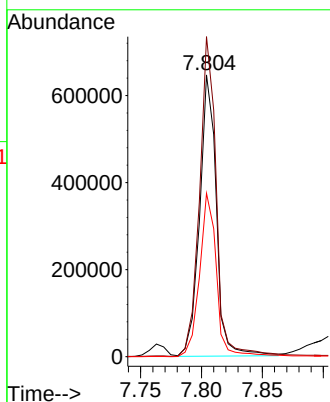
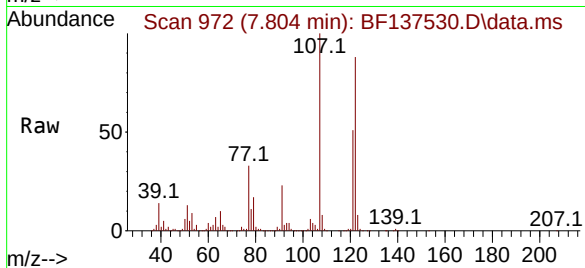




#27
2,4-Dimethylphenol
Concen: 39.373 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

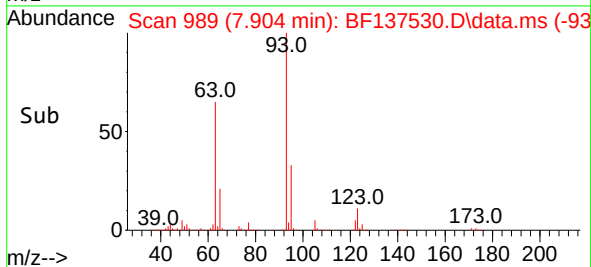
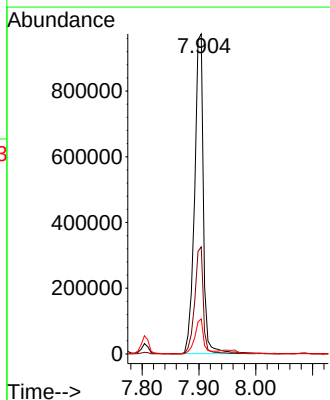
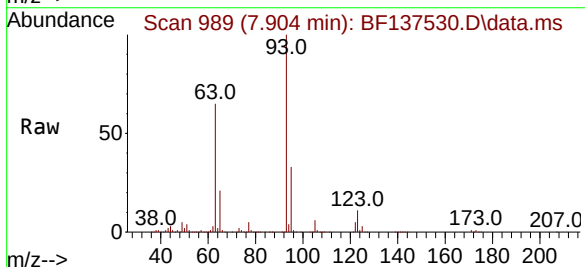
Instrument :
BNA_F
ClientSampleId :
PB159489BS

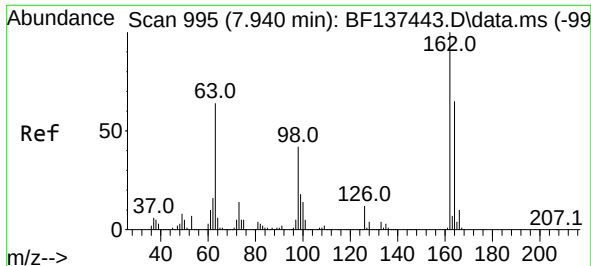
Tgt Ion:122 Resp: 616661
Ion Ratio Lower Upper
122 100
107 113.5 90.9 136.3
121 58.0 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.194 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion: 93 Resp: 1058784
Ion Ratio Lower Upper
93 100
95 33.4 26.5 39.7
123 10.9 8.0 12.0

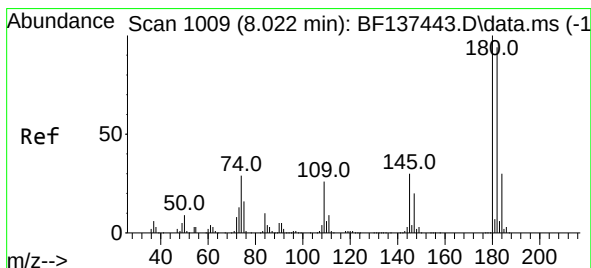
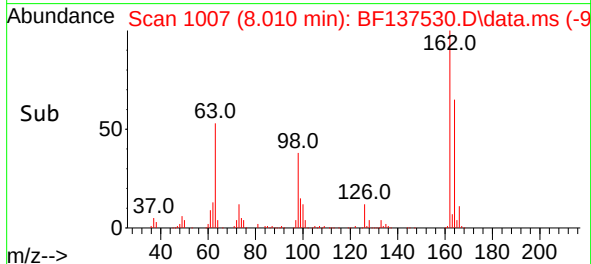
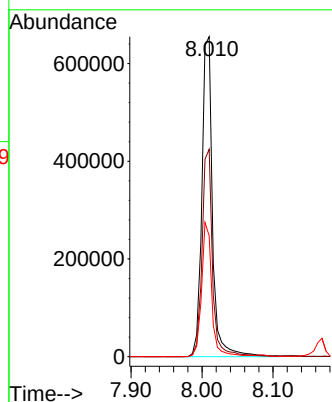
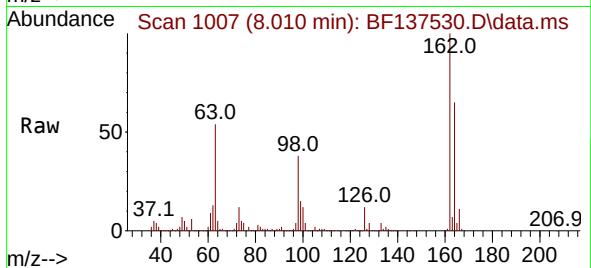




#29
2,4-Dichlorophenol
Concen: 47.700 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

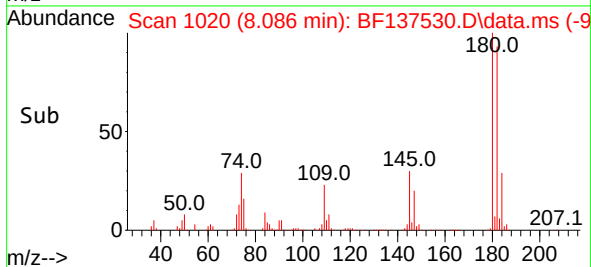
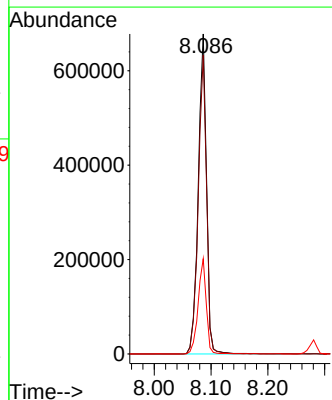
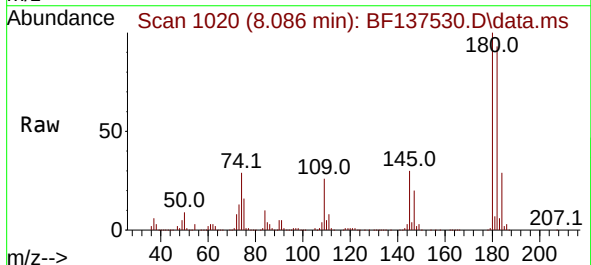
Instrument :
BNA_F
ClientSampleId :
PB159489BS

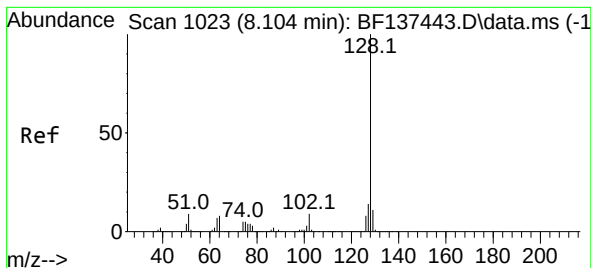
Tgt Ion:162 Resp: 685654
Ion Ratio Lower Upper
162 100
164 64.8 44.7 84.7
98 37.8 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 45.802 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:180 Resp: 692837
Ion Ratio Lower Upper
180 100
182 93.4 75.0 112.6
145 29.8 23.7 35.5





#31

Naphthalene

Concen: 42.708 ng

RT: 8.169 min Scan# 1023

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

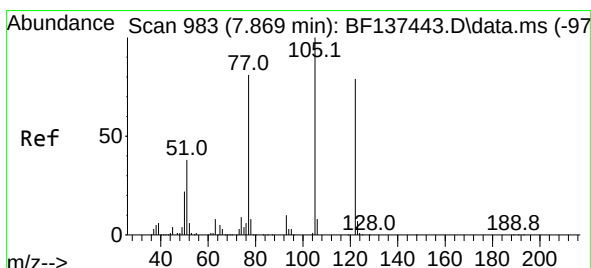
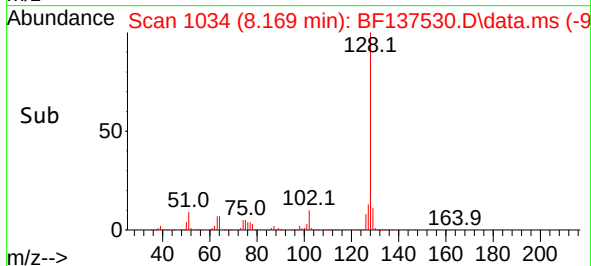
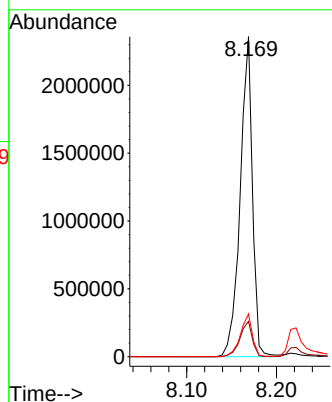
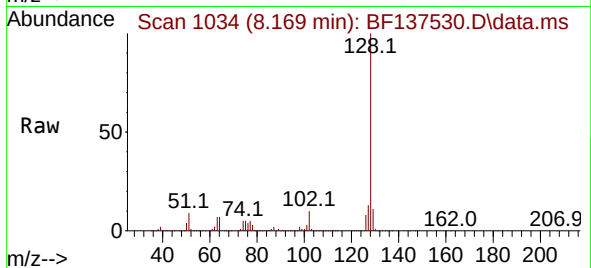
Tgt Ion:128 Resp: 2237661

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 50.364 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.035 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

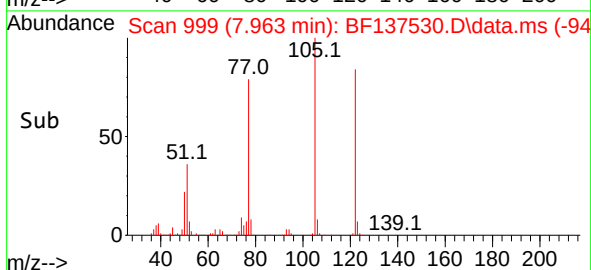
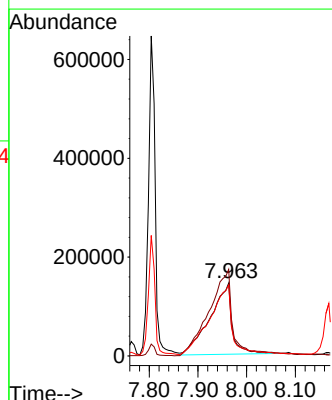
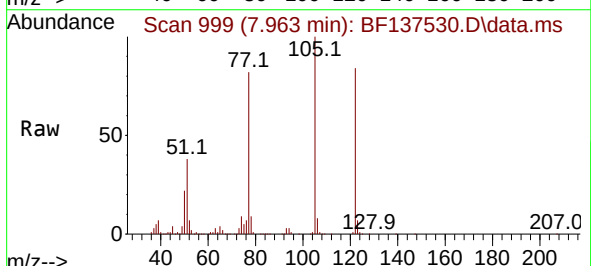
Tgt Ion:122 Resp: 457483

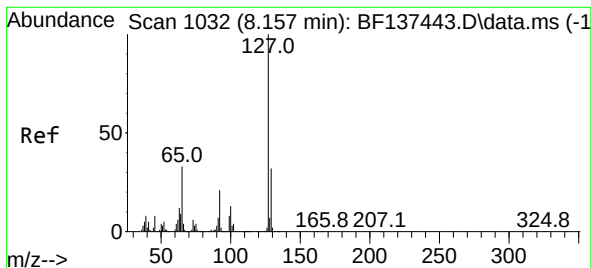
Ion Ratio Lower Upper

122 100

105 118.8 102.4 142.4

77 97.6 81.1 121.1





#33

4-Chloroaniline

Concen: 14.319 ng

RT: 8.222 min Scan# 1043

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

Tgt Ion:127 Resp: 294184

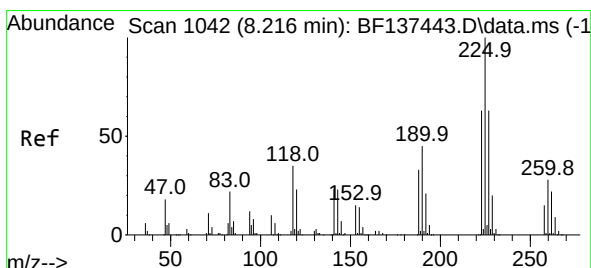
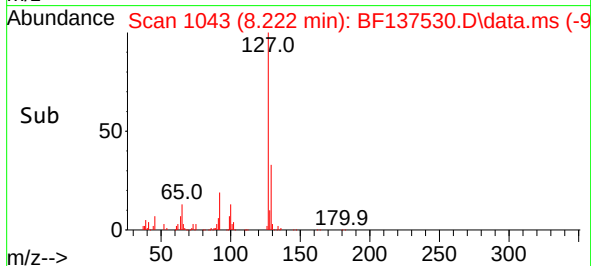
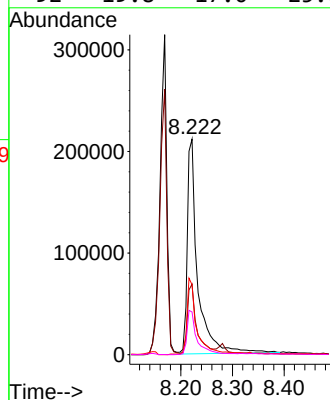
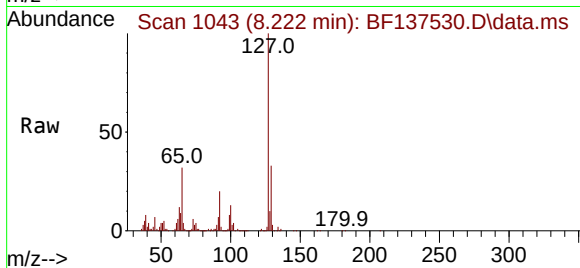
Ion Ratio Lower Upper

127 100

129 32.7 26.0 39.0

65 32.4 26.8 40.2

92 19.8 17.0 25.6



#34

Hexachlorobutadiene

Concen: 44.958 ng

RT: 8.281 min Scan# 1053

Delta R.T. 0.006 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

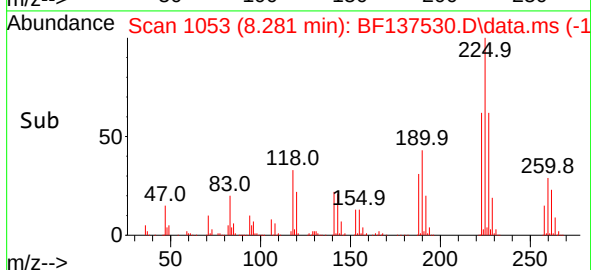
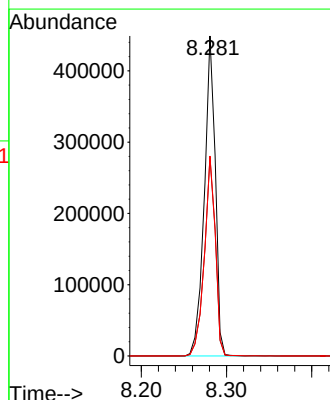
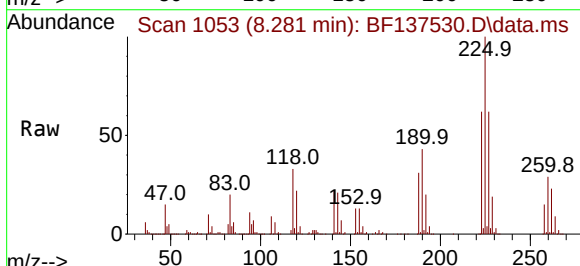
Tgt Ion:225 Resp: 401499

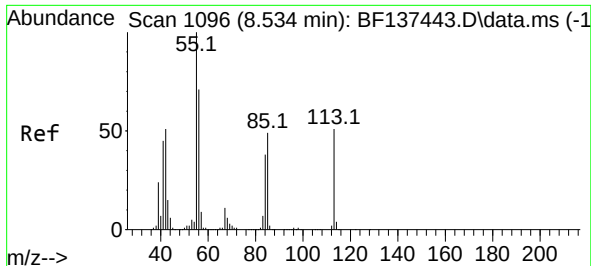
Ion Ratio Lower Upper

225 100

223 62.2 50.7 76.1

227 62.5 50.6 75.8

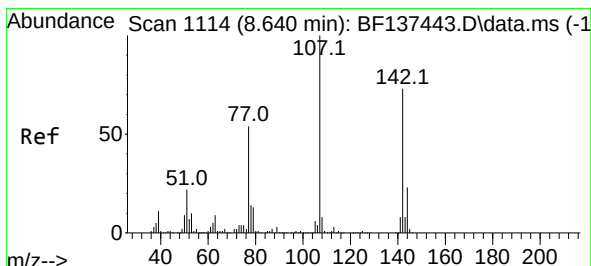
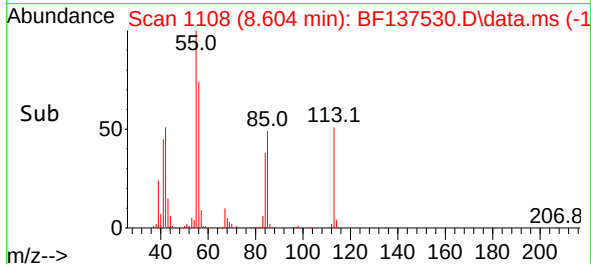
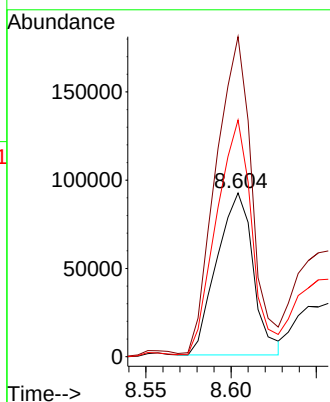
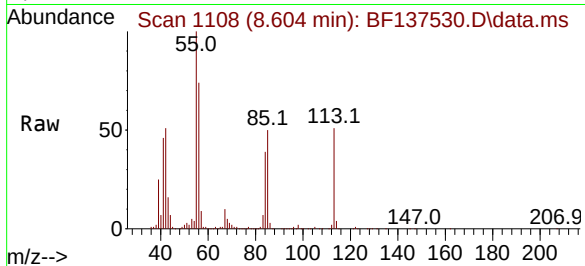




#35
 Caprolactam
 Concen: 28.010 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: BF137530.D
 Acq: 07 Mar 2024 15:13

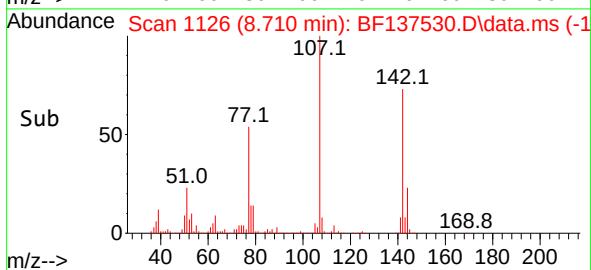
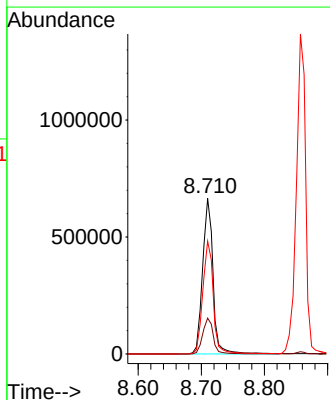
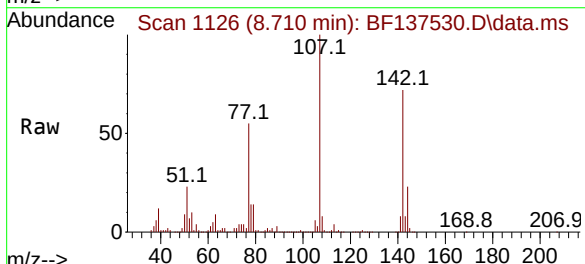
Instrument :
 BNA_F
 ClientSampleId :
 PB159489BS

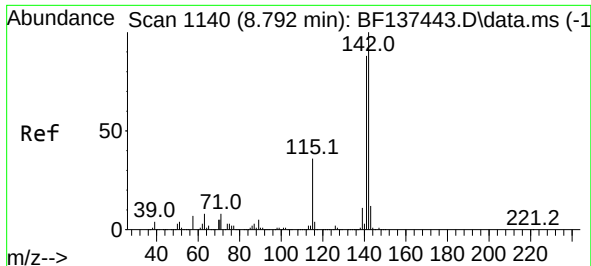
Tgt Ion:113 Resp: 136522
 Ion Ratio Lower Upper
 113 100
 55 195.5 176.7 216.7
 56 144.6 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.379 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.018 min
 Lab File: BF137530.D
 Acq: 07 Mar 2024 15:13

Tgt Ion:107 Resp: 761263
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.7 28.1
 142 72.5 58.2 87.2

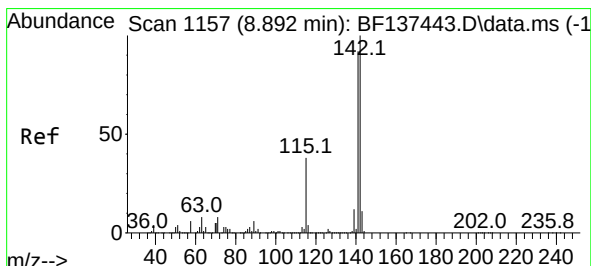
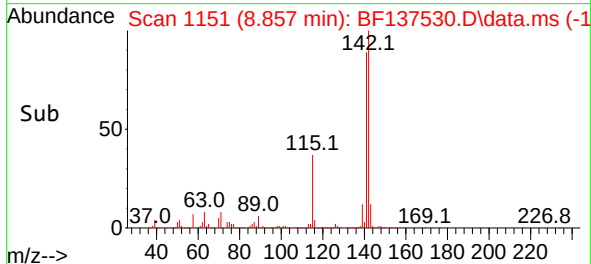
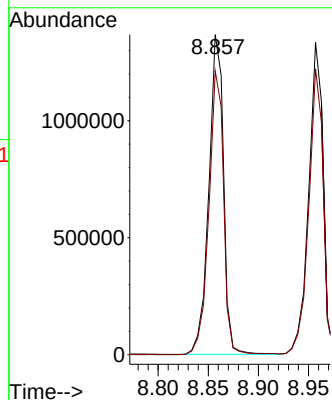
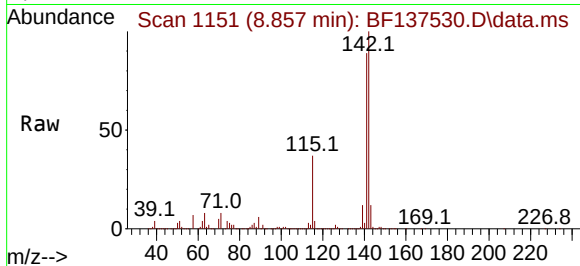




#37
2-Methylnaphthalene
Concen: 41.951 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

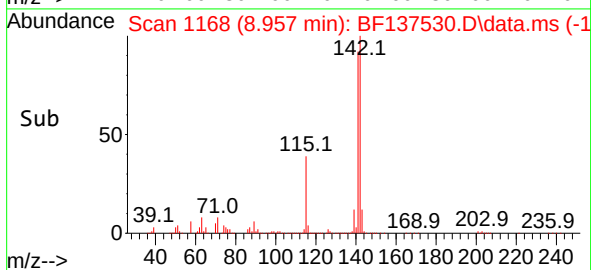
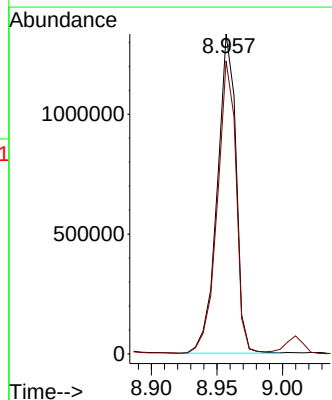
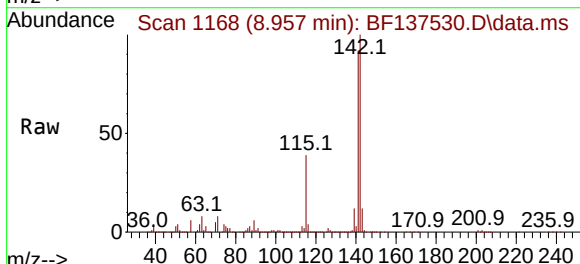
Instrument :
BNA_F
ClientSampleId :
PB159489BS

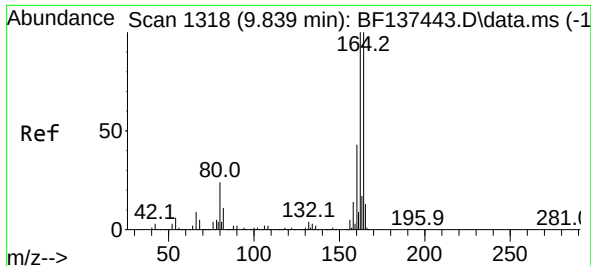
Tgt Ion:142 Resp: 1401207
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6



#38
1-Methylnaphthalene
Concen: 42.167 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:142 Resp: 1326359
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2

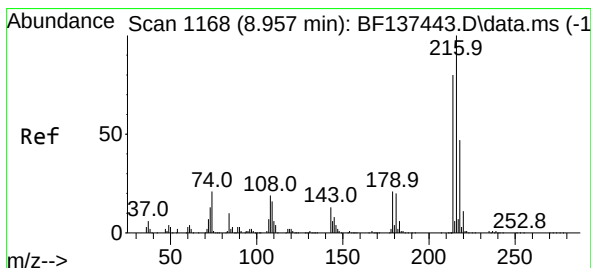
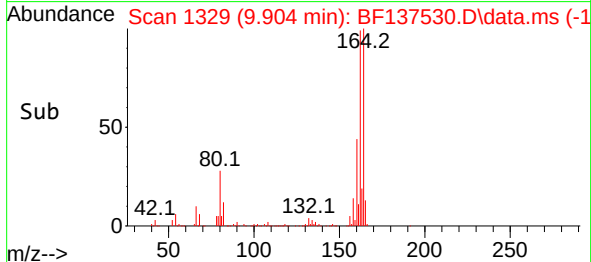
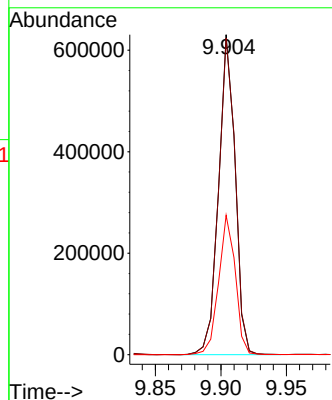
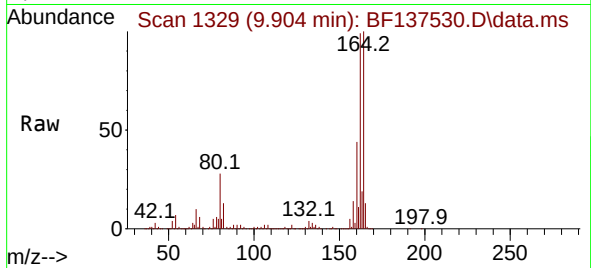




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

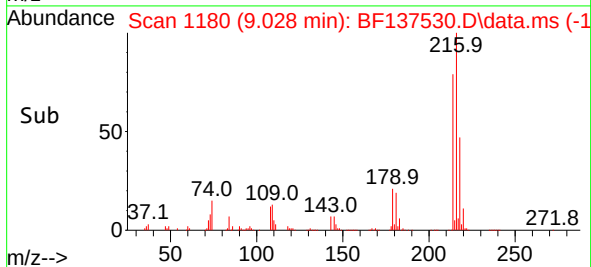
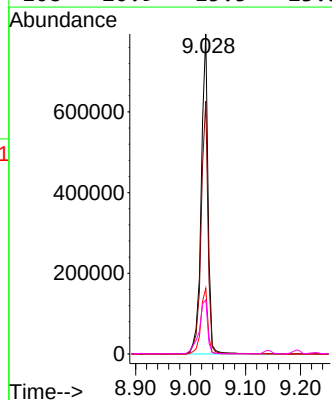
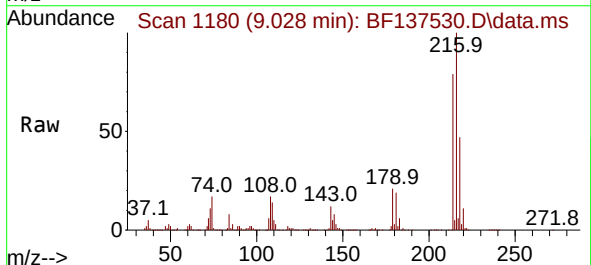
Instrument :
BNA_F
ClientSampleId :
PB159489BS

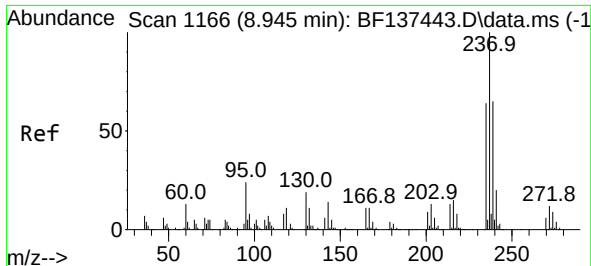
Tgt Ion:164 Resp: 551849
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 43.6 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.625 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:216 Resp: 687503
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 20.8 16.6 25.0
108 20.9 15.5 23.3

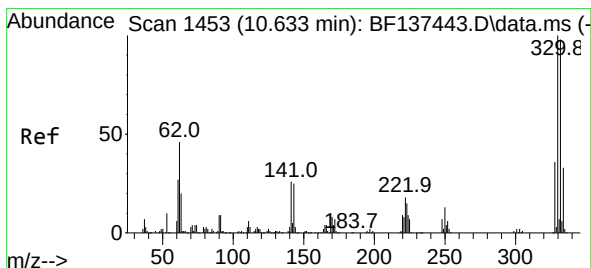
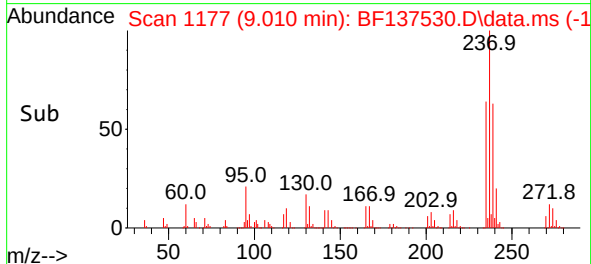
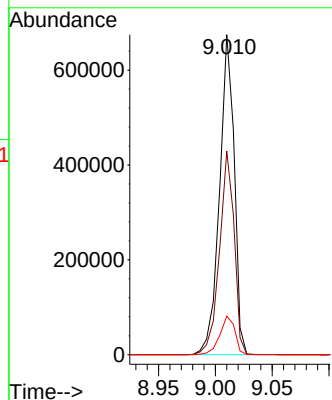
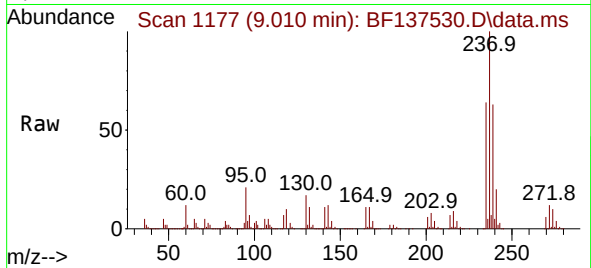




#41
Hexachlorocyclopentadiene
Concen: 95.189 ng
RT: 9.010 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

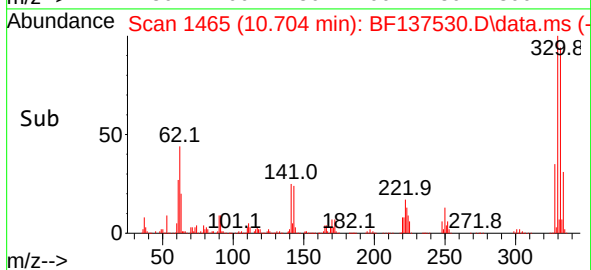
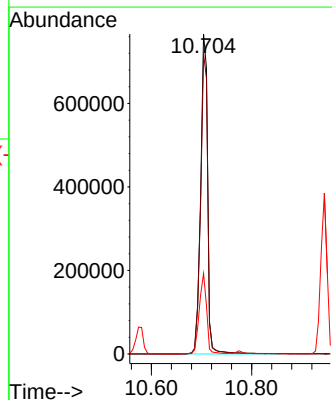
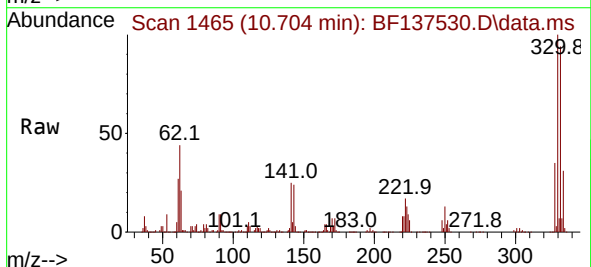
Instrument :
BNA_F
ClientSampleId :
PB159489BS

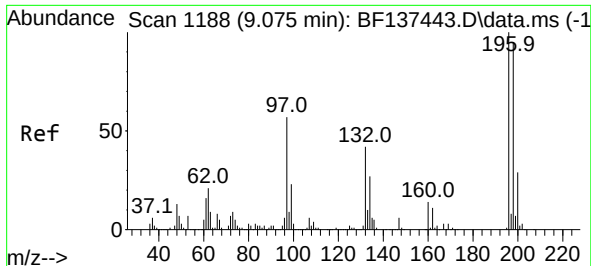
Tgt Ion:237 Resp: 609439
Ion Ratio Lower Upper
237 100
235 63.7 43.6 83.6
272 12.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 153.069 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:330 Resp: 741799
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 26.1 27.3 40.9#

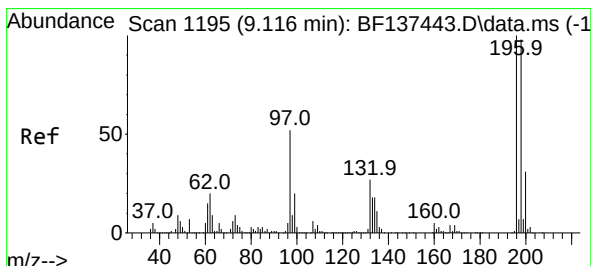
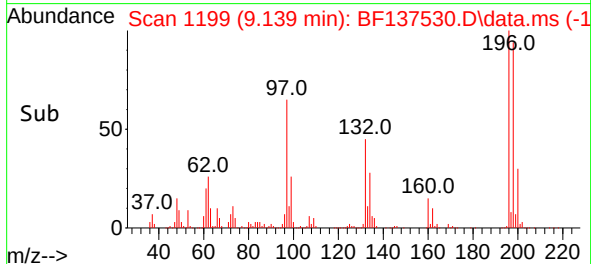
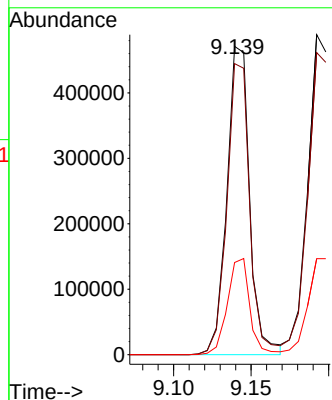
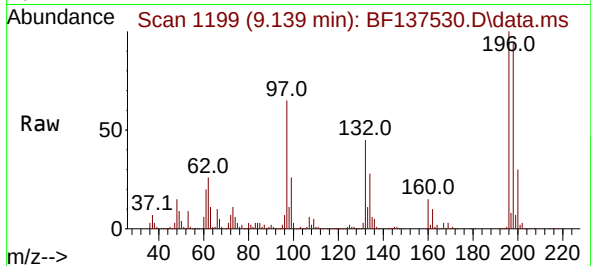




#43
2,4,6-Trichlorophenol
Concen: 48.076 ng
RT: 9.139 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

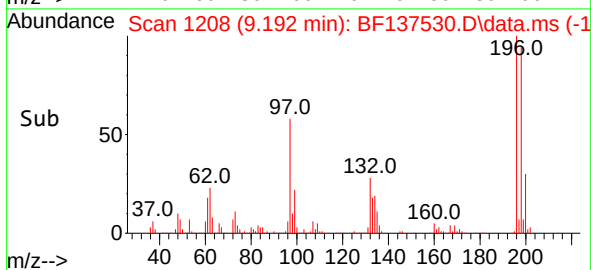
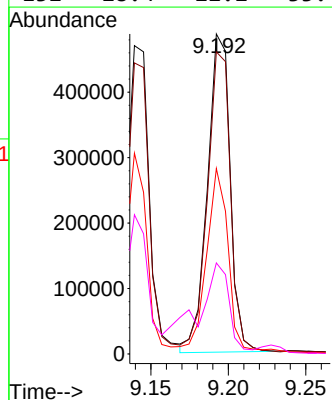
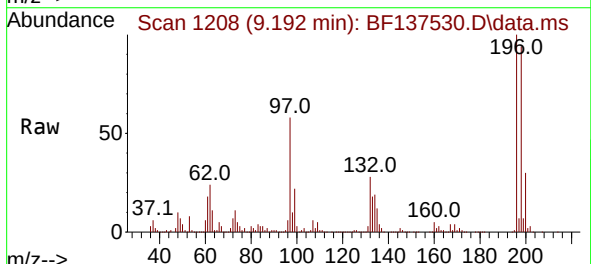
Instrument :
BNA_F
ClientSampleId :
PB159489BS

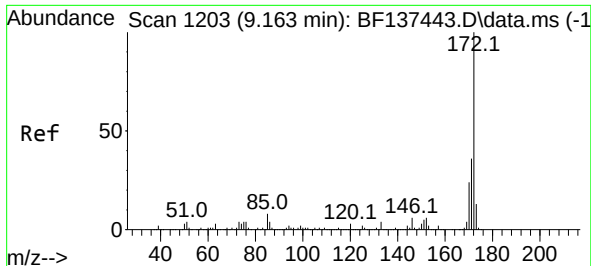
Tgt Ion:196 Resp: 482327
Ion Ratio Lower Upper
196 100
198 94.4 75.8 113.8
200 29.9 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 43.089 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.024 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:196 Resp: 497981
Ion Ratio Lower Upper
196 100
198 94.4 78.6 117.8
97 57.9 41.8 62.8
132 28.4 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 79.629 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

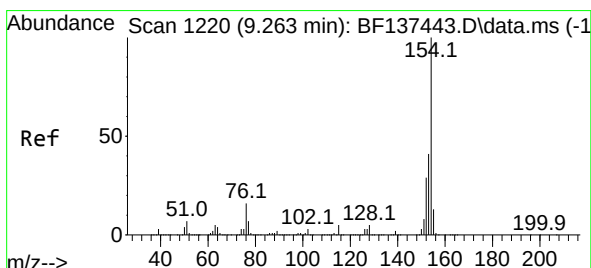
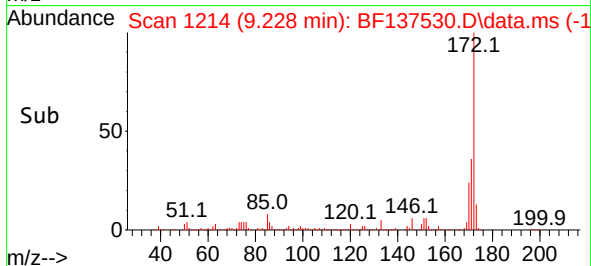
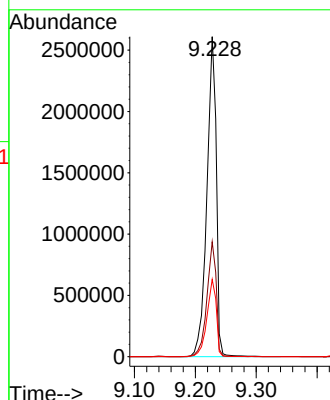
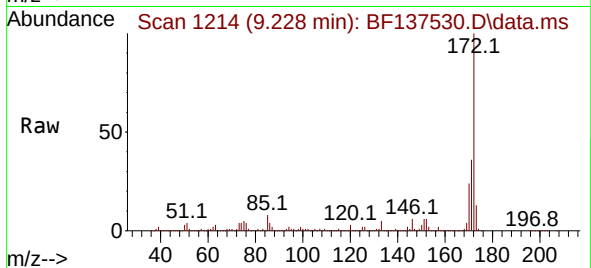
Tgt Ion:172 Resp: 2807219

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.224 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

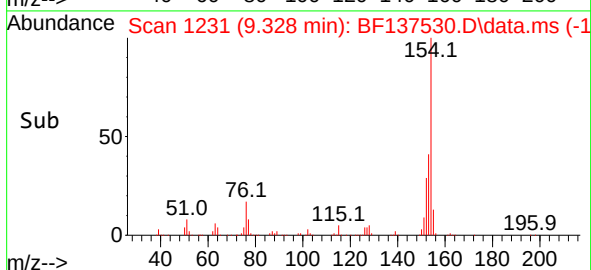
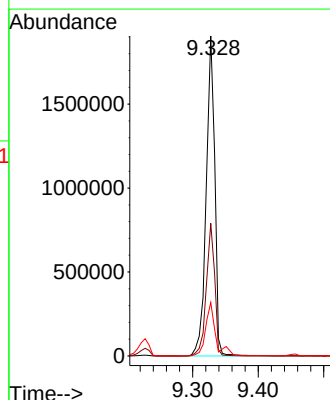
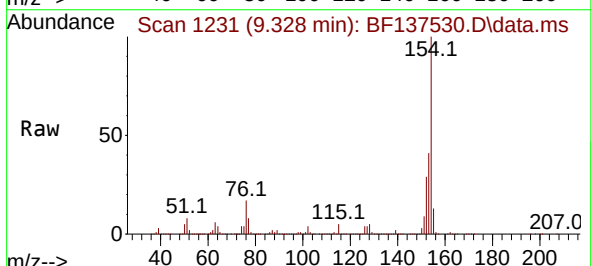
Tgt Ion:154 Resp: 1745842

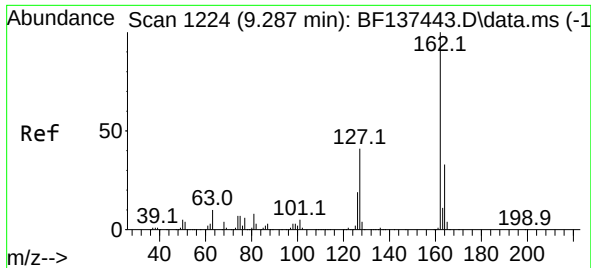
Ion Ratio Lower Upper

154 100

153 41.4 21.0 61.0

76 16.7 0.0 35.8

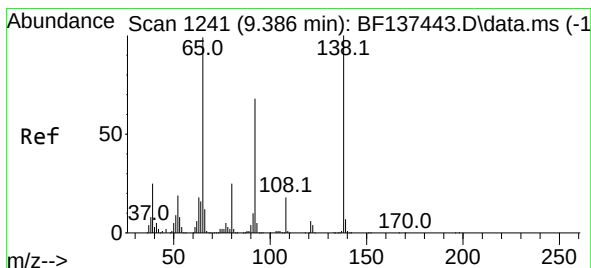
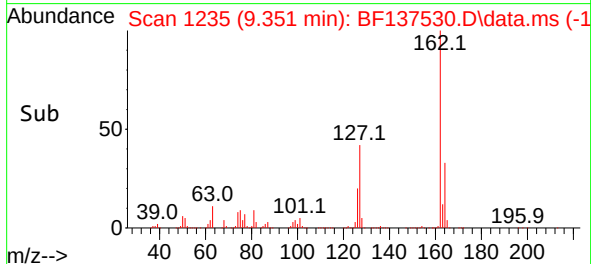
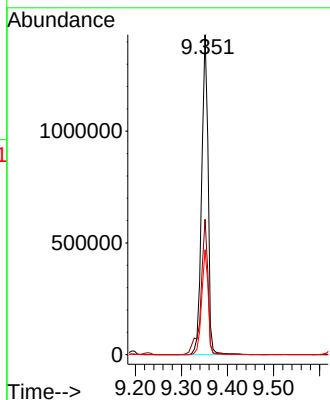
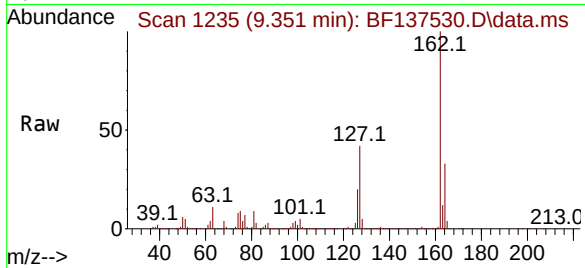




#47
2-Chloronaphthalene
Concen: 45.584 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

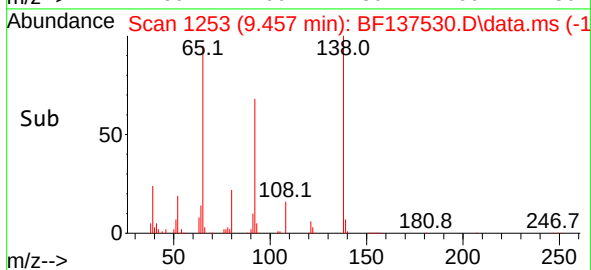
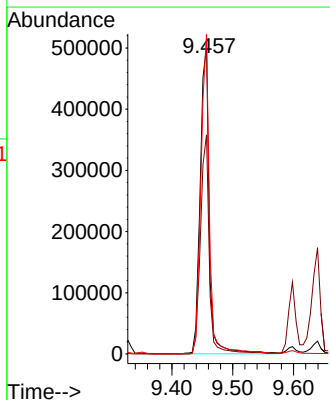
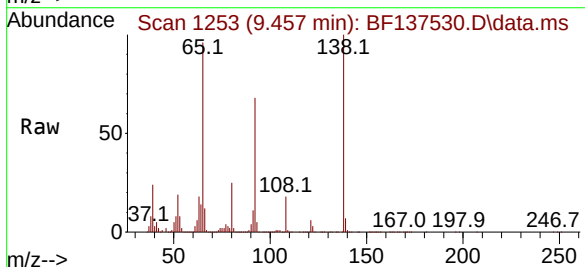
Instrument :
BNA_F
ClientSampleId :
PB159489BS

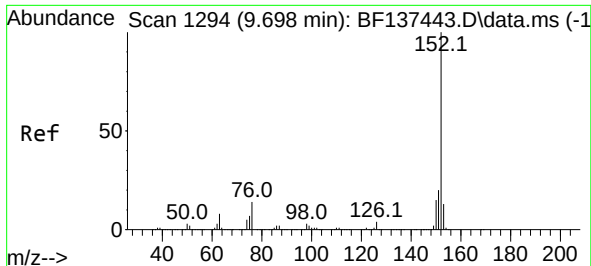
Tgt Ion:162 Resp: 1403730
Ion Ratio Lower Upper
162 100
127 42.3 32.6 49.0
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 49.307 ng
RT: 9.457 min Scan# 1253
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion: 65 Resp: 516081
Ion Ratio Lower Upper
65 100
92 71.2 55.4 83.2
138 104.1 81.0 121.6





#49

Acenaphthylene

Concen: 43.817 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

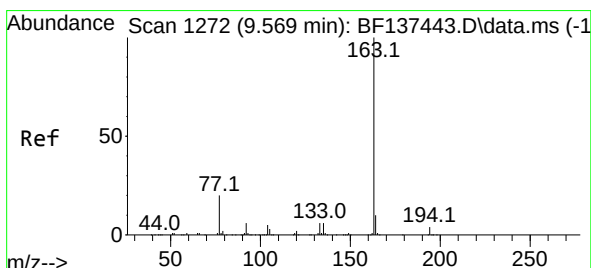
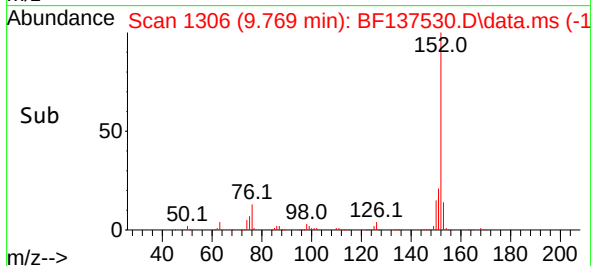
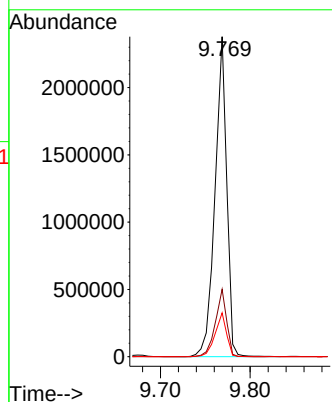
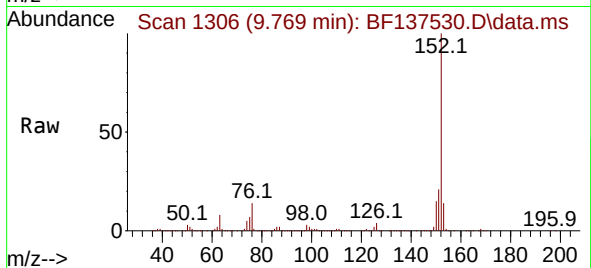
Tgt Ion:152 Resp: 2159358

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 44.972 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

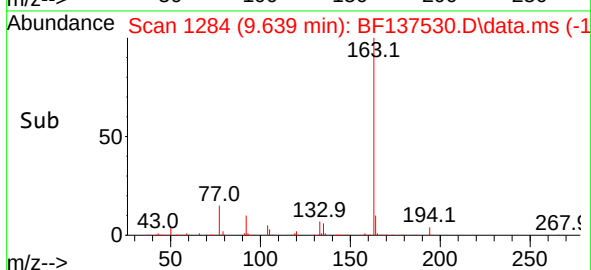
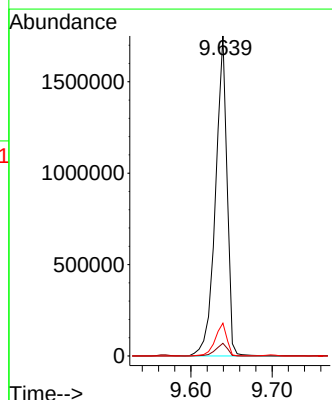
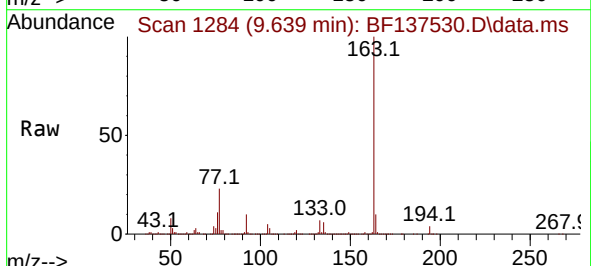
Tgt Ion:163 Resp: 1727587

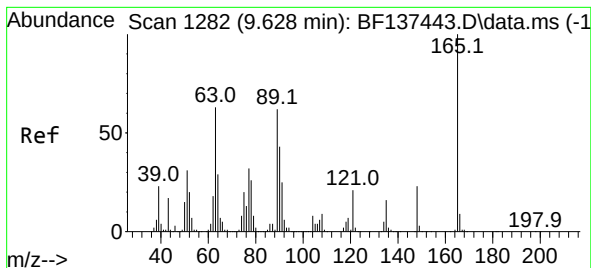
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 48.177 ng

RT: 9.698 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

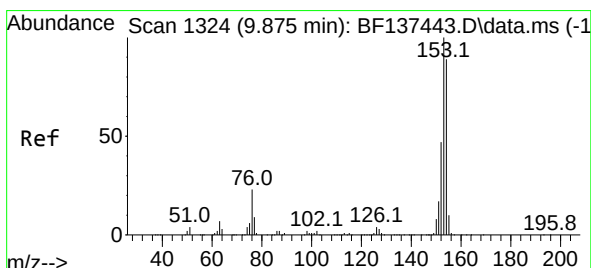
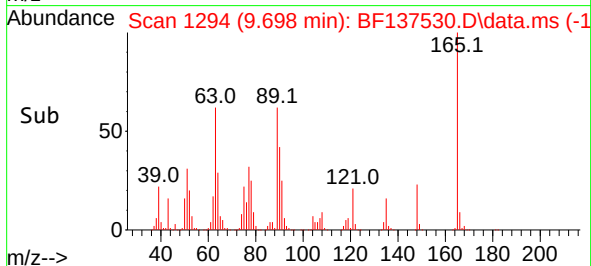
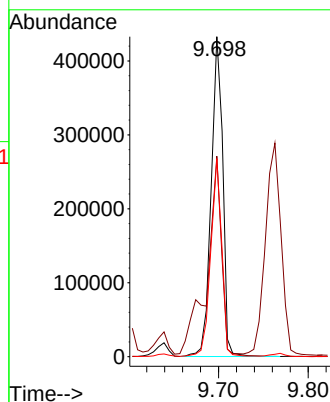
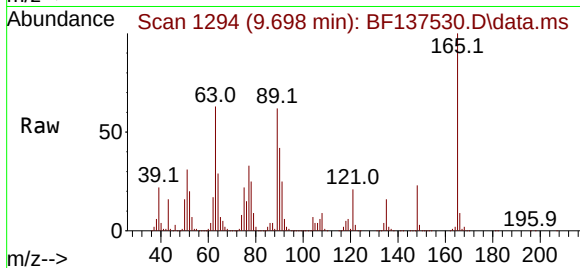
Tgt Ion:165 Resp: 387099

Ion Ratio Lower Upper

165 100

63 62.6 50.7 76.1

89 61.9 50.0 75.0



#52

Acenaphthene

Concen: 42.093 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

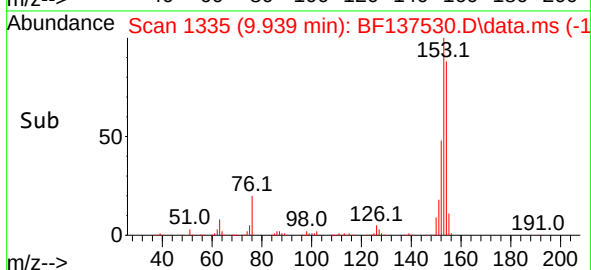
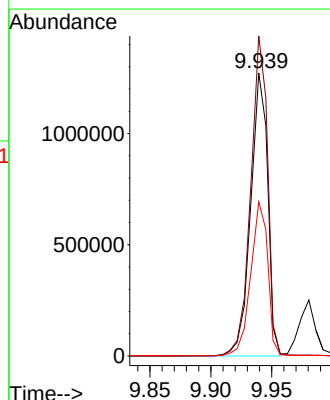
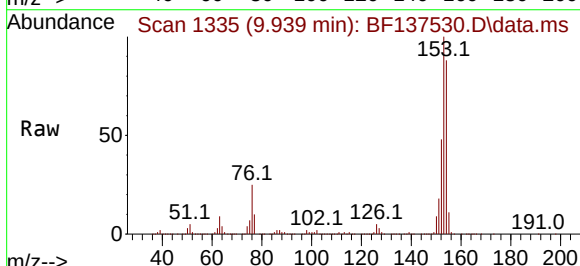
Tgt Ion:154 Resp: 1238450

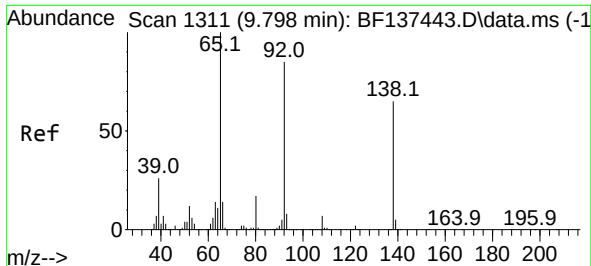
Ion Ratio Lower Upper

154 100

153 113.0 90.3 135.5

152 54.4 42.7 64.1

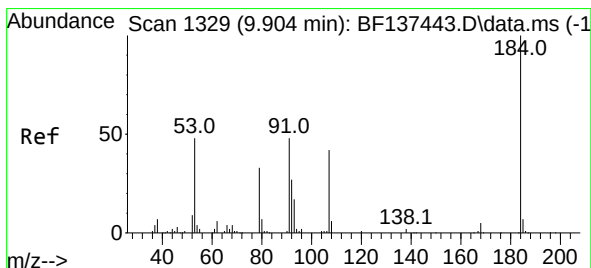
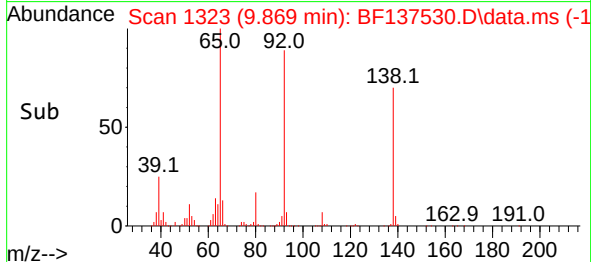
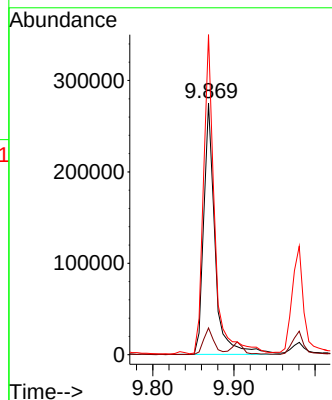
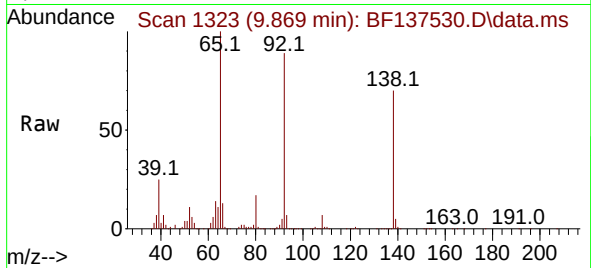




#53
3-Nitroaniline
Concen: 31.291 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

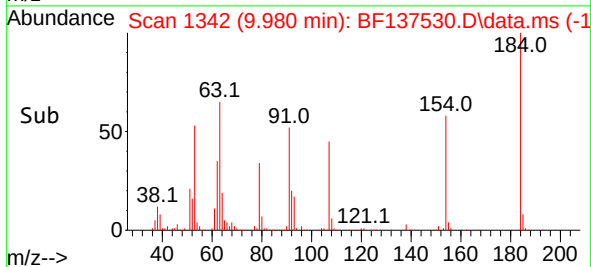
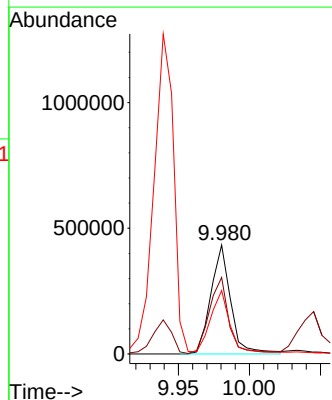
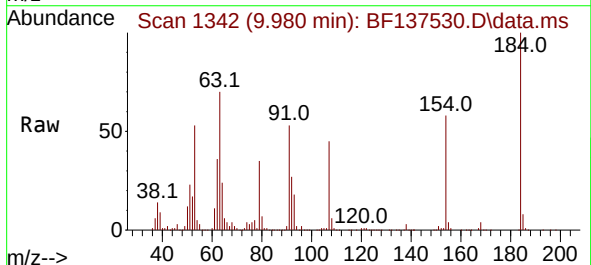
Instrument :
BNA_F
ClientSampleId :
PB159489BS

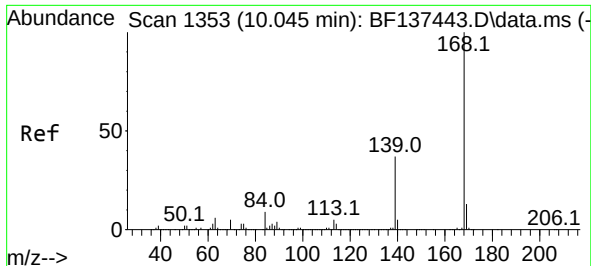
Tgt Ion:138 Resp: 265936
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 127.3 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 104.539 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:184 Resp: 420711
Ion Ratio Lower Upper
184 100
63 70.2 53.3 79.9
154 58.2 47.4 71.0

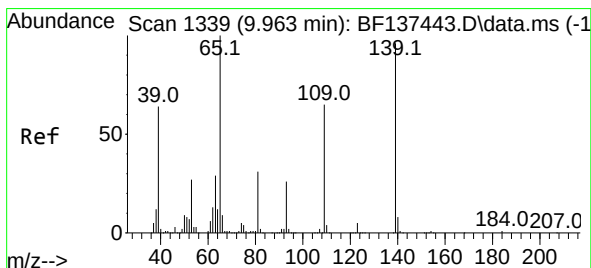
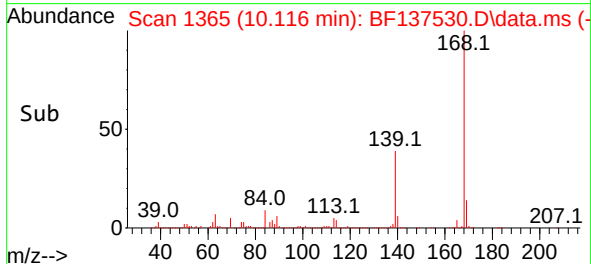
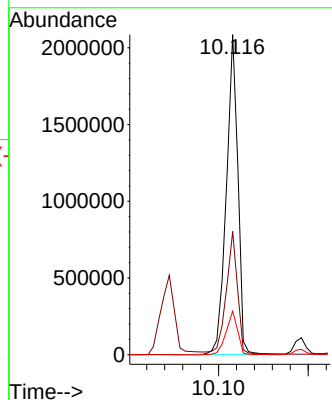
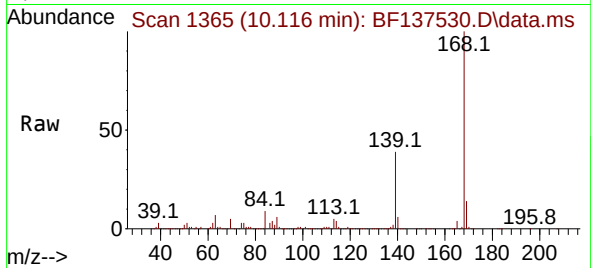




#55
Dibenzenofuran
Concen: 41.514 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

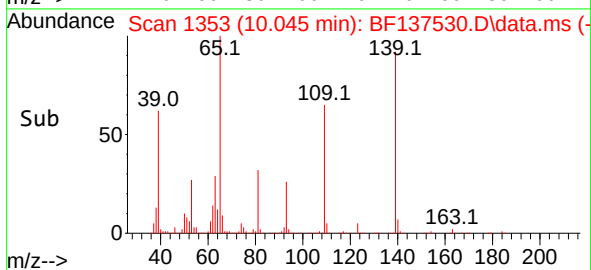
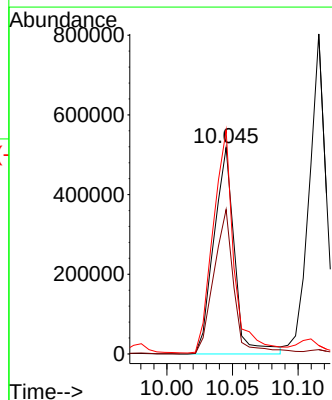
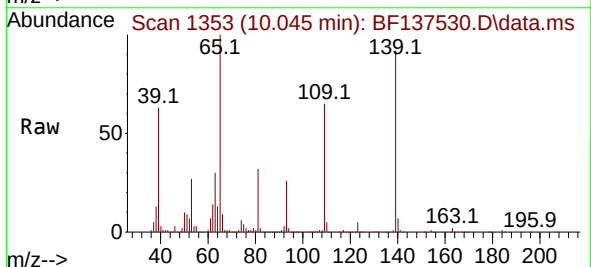
Instrument :
BNA_F
ClientSampleId :
PB159489BS

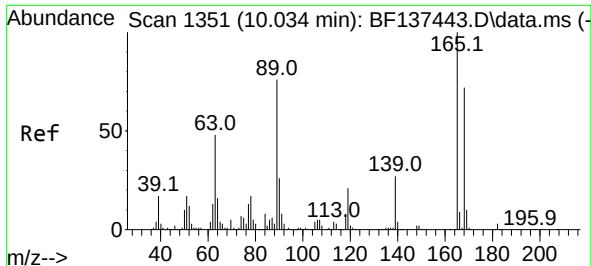
Tgt Ion:168 Resp: 1860286
Ion Ratio Lower Upper
168 100
139 38.5 29.8 44.6
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 92.964 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.024 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:139 Resp: 566810
Ion Ratio Lower Upper
139 100
109 70.0 47.1 87.1
65 108.3 85.1 125.1

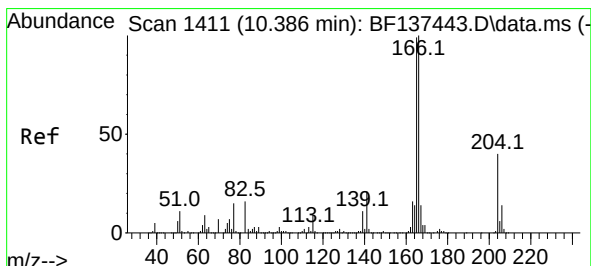
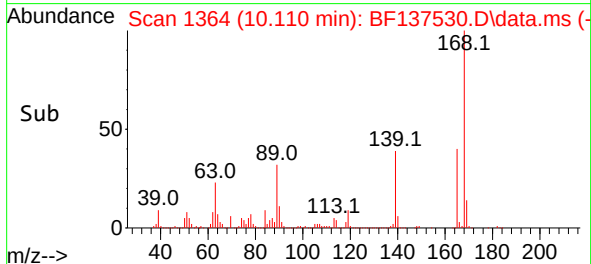
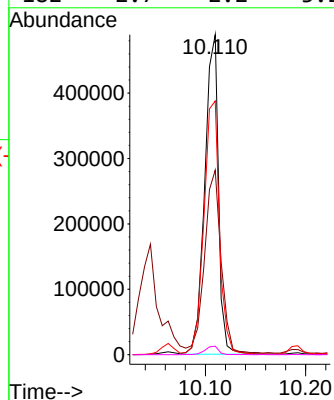
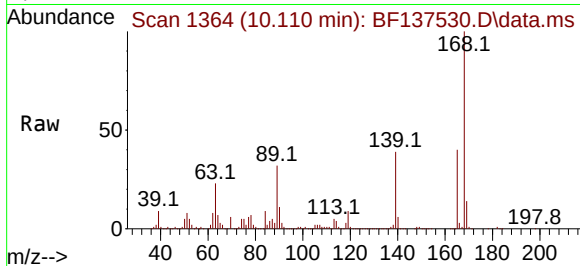




#57
2,4-Dinitrotoluene
Concen: 47.283 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

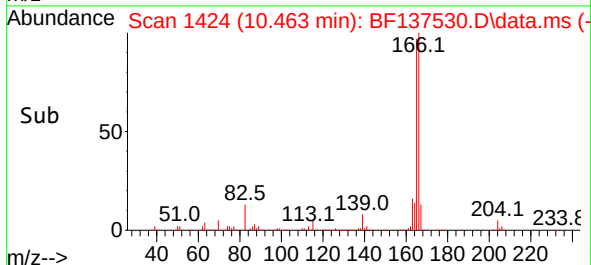
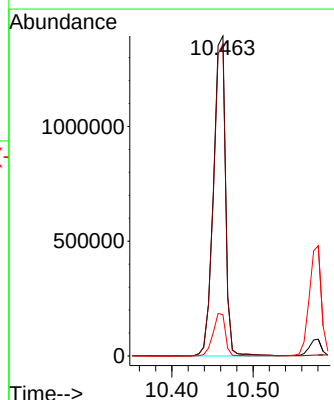
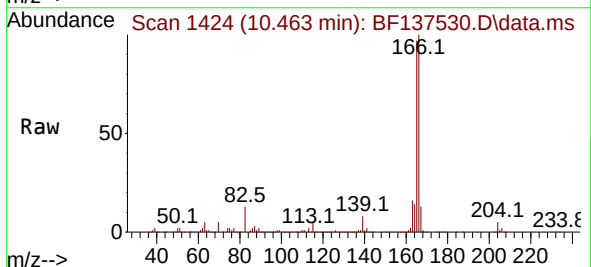
Instrument :
BNA_F
ClientSampleId :
PB159489BS

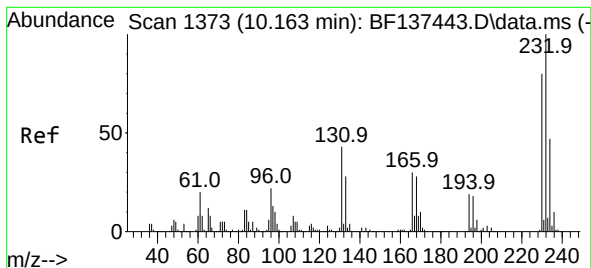
Tgt Ion:165 Resp: 466752
Ion Ratio Lower Upper
165 100
63 57.7 39.0 58.6
89 79.3 60.9 91.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.711 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:166 Resp: 1435436
Ion Ratio Lower Upper
166 100
165 97.4 79.2 118.8
167 12.9 11.0 16.6

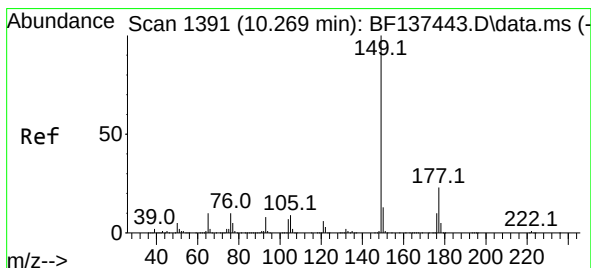
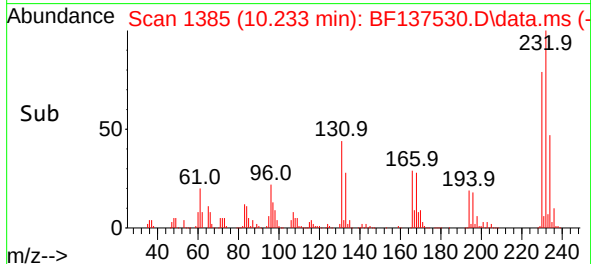
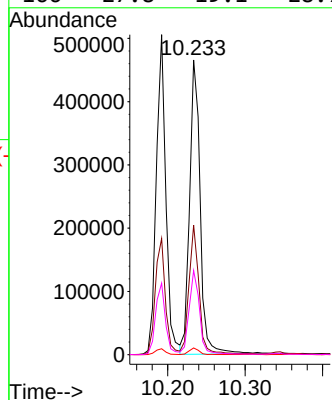
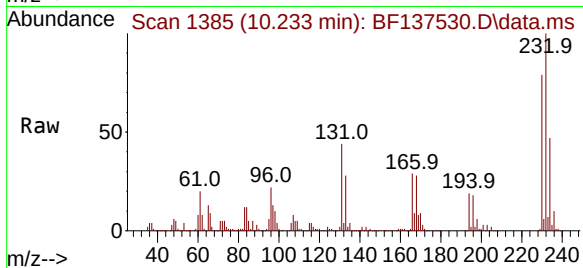




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.615 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

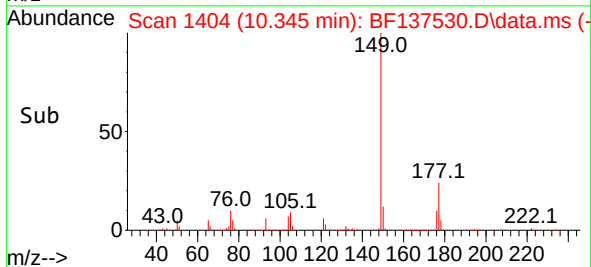
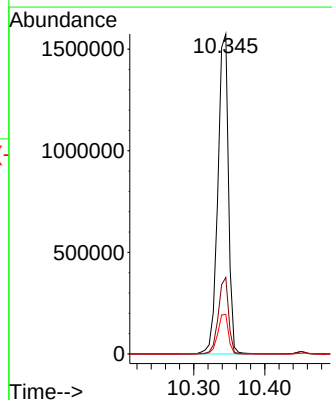
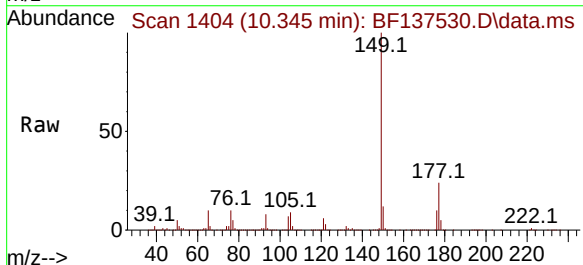
Instrument :
BNA_F
ClientSampleId :
PB159489BS

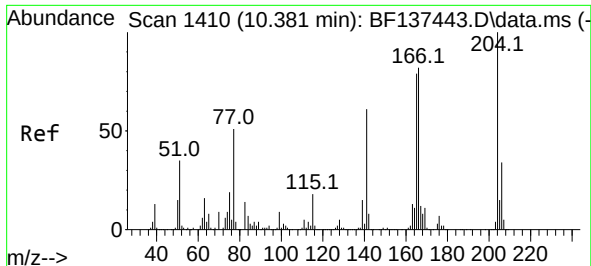
Tgt Ion:232 Resp: 441284
Ion Ratio Lower Upper
232 100
131 42.1 31.2 46.8
130 2.2 1.8 2.6
166 27.8 19.1 28.7



#60
Diethylphthalate
Concen: 44.646 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:149 Resp: 1619607
Ion Ratio Lower Upper
149 100
177 23.9 18.7 28.1
150 12.4 10.2 15.4

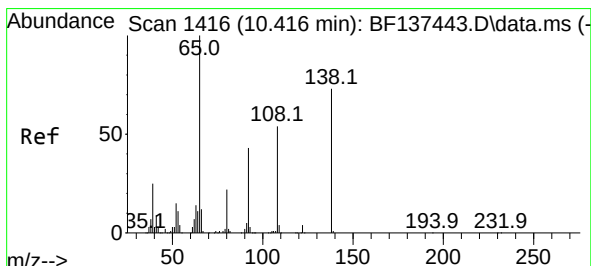
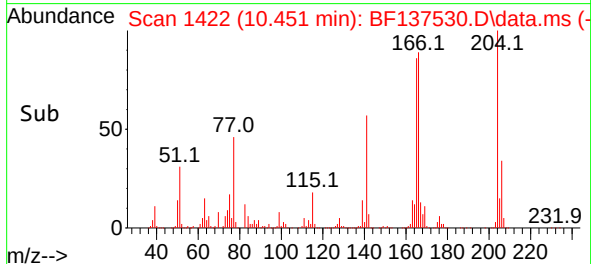
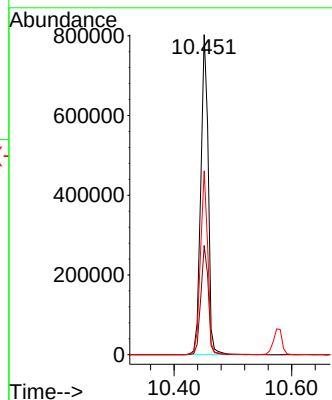
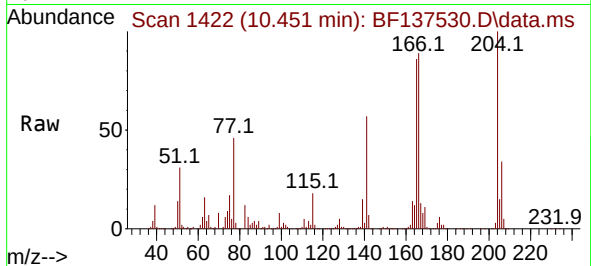




#61
4-Chlorophenyl-phenylether
Concen: 41.736 ng
RT: 10.451 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

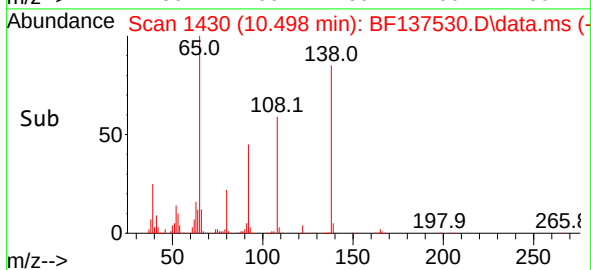
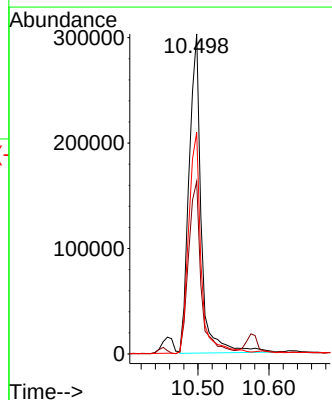
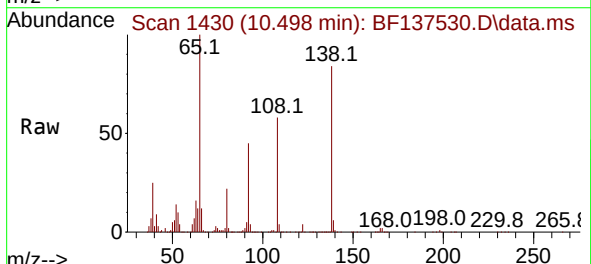
Instrument :
BNA_F
ClientSampleId :
PB159489BS

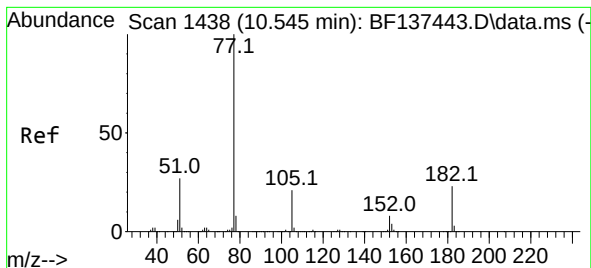
Tgt Ion:204 Resp: 703924
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.0
141 57.4 48.4 72.6



#62
4-Nitroaniline
Concen: 49.188 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.024 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:138 Resp: 359296
Ion Ratio Lower Upper
138 100
92 53.9 37.9 77.9
108 69.2 53.2 93.2





#63

Azobenzene

Concen: 43.900 ng

RT: 10.616 min Scan# 1438

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

Tgt Ion: 77 Resp: 1833773

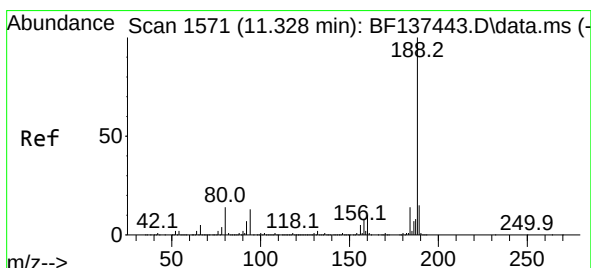
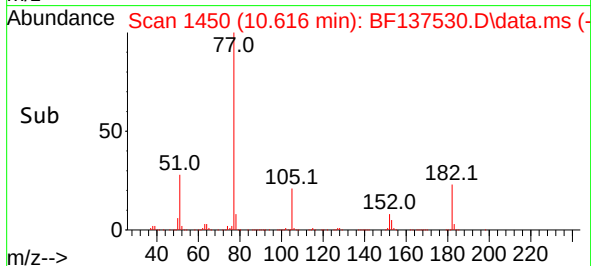
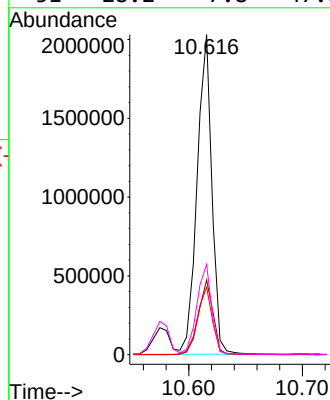
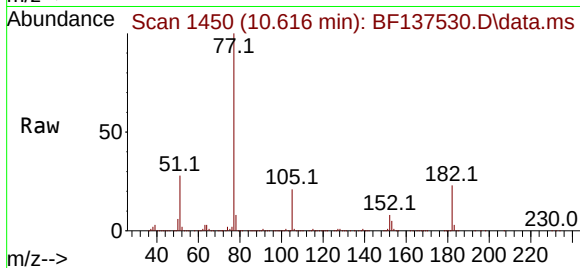
Ion Ratio Lower Upper

77 100

182 23.4 3.2 43.2

105 21.1 1.2 41.2

51 28.2 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

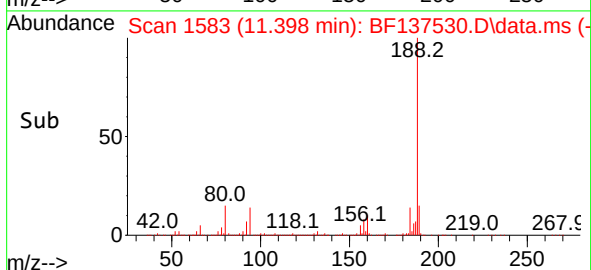
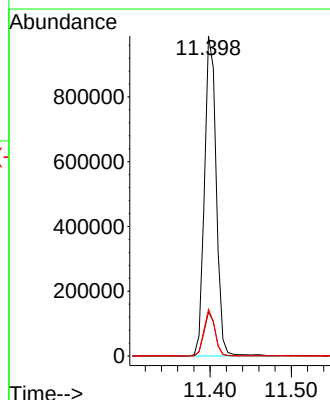
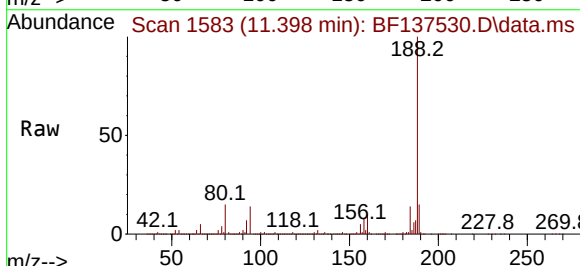
Tgt Ion:188 Resp: 991789

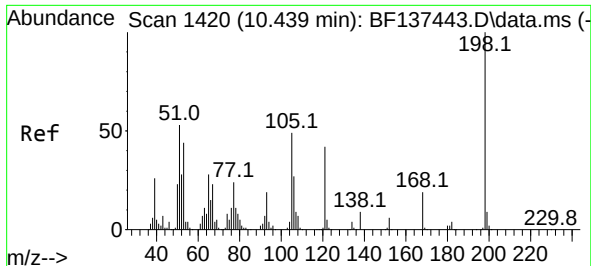
Ion Ratio Lower Upper

188 100

94 13.7 10.6 15.8

80 14.6 11.5 17.3

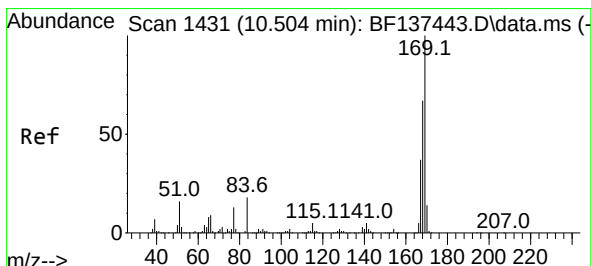
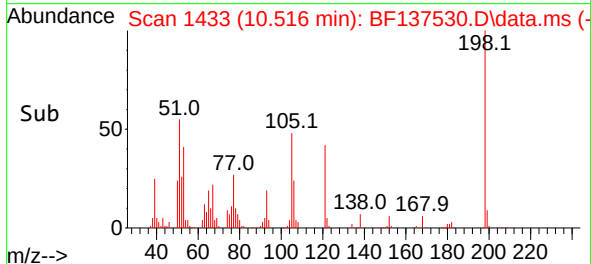
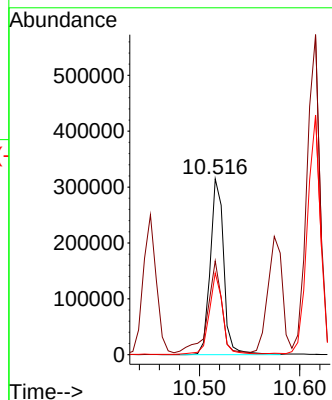
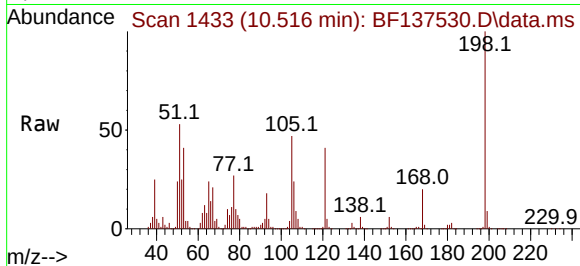




#65
4,6-Dinitro-2-methylphenol
Concen: 53.441 ng
RT: 10.516 min Scan# 1443
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

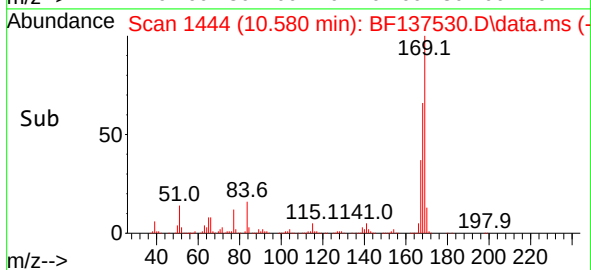
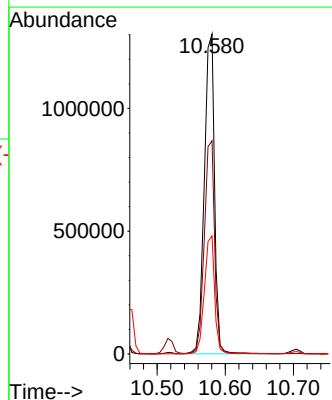
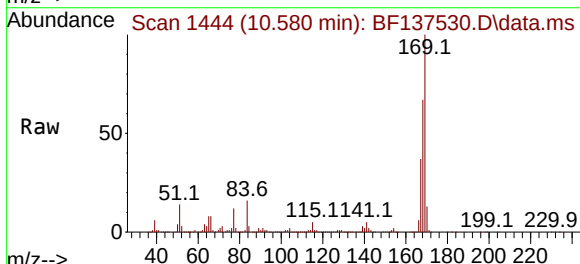
Instrument :
BNA_F
ClientSampleId :
PB159489BS

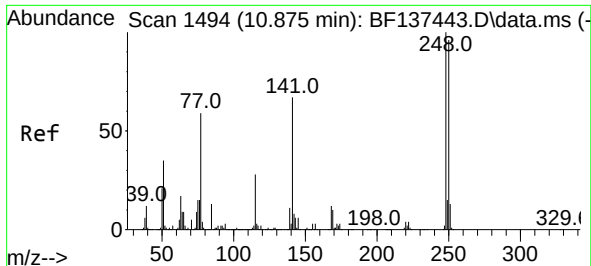
Tgt Ion:198 Resp: 295408
Ion Ratio Lower Upper
198 100
51 53.3 37.2 77.2
105 46.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.483 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:169 Resp: 1356792
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 36.9 29.6 44.4

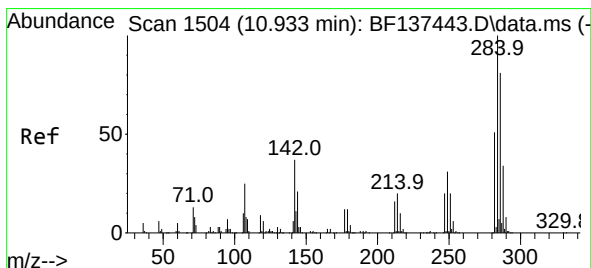
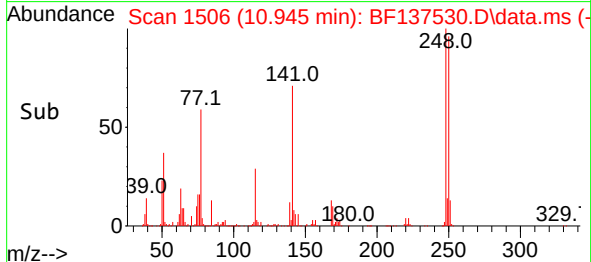
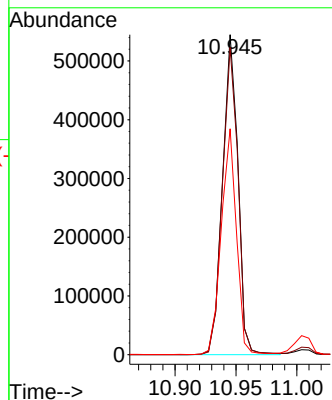
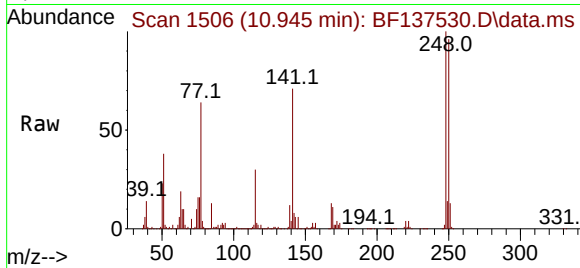




#67
4-Bromophenyl-phenylether
Concen: 44.519 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.012 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

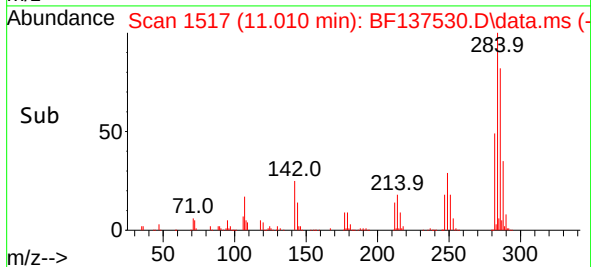
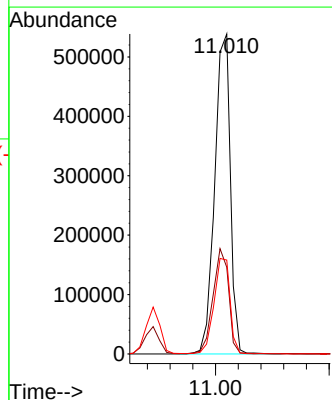
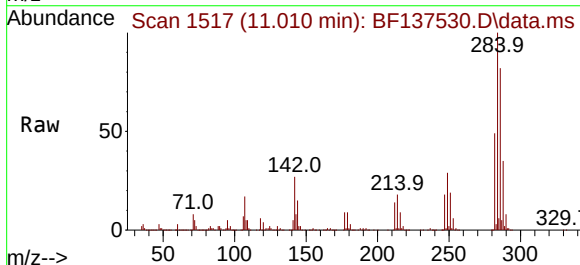
Instrument :
BNA_F
ClientSampleId :
PB159489BS

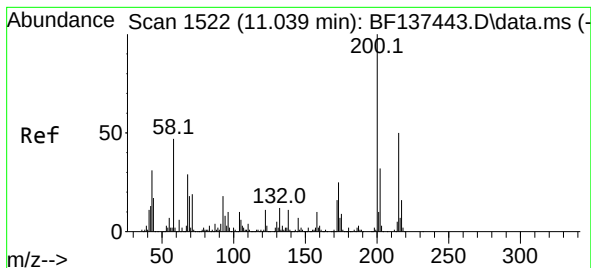
Tgt Ion:248 Resp: 480911
Ion Ratio Lower Upper
248 100
250 96.0 76.8 115.2
141 70.6 53.4 80.0



#68
Hexachlorobenzene
Concen: 47.280 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.018 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:284 Resp: 515856
Ion Ratio Lower Upper
284 100
142 27.1 29.4 44.0#
249 29.4 25.0 37.4





#69

Atrazine

Concen: 42.263 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

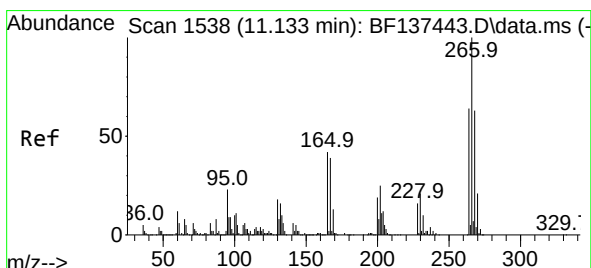
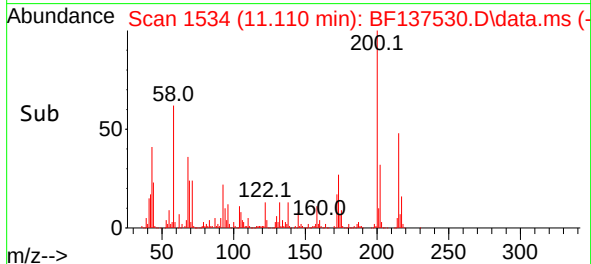
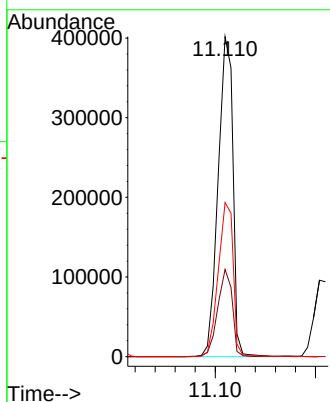
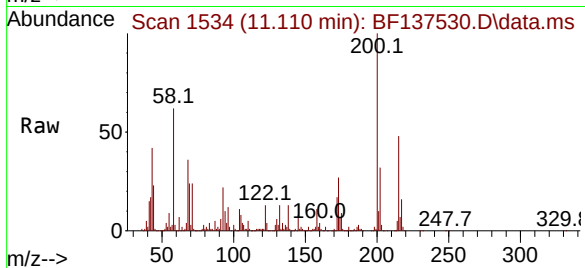
Tgt Ion:200 Resp: 410320

Ion Ratio Lower Upper

200 100

173 27.2 5.1 45.1

215 48.1 30.4 70.4



#70

Pentachlorophenol

Concen: 89.233 ng

RT: 11.210 min Scan# 1551

Delta R.T. 0.018 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

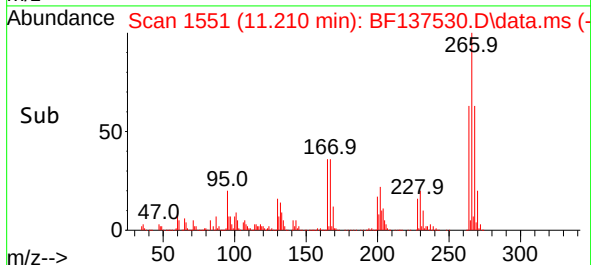
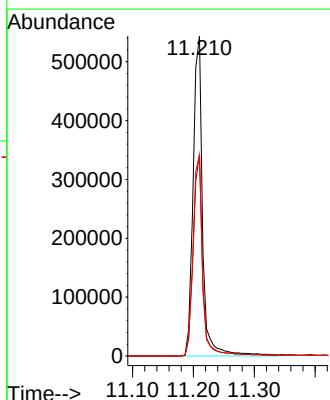
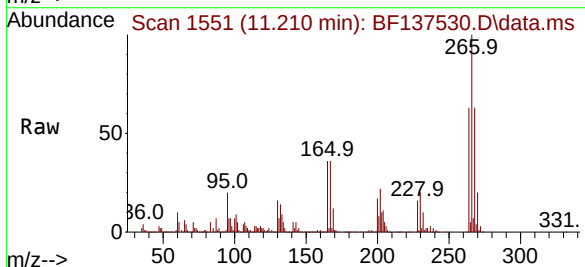
Tgt Ion:266 Resp: 588550

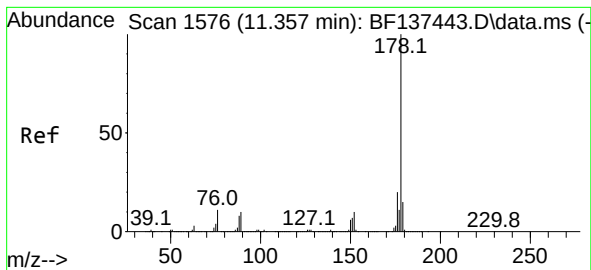
Ion Ratio Lower Upper

266 100

268 63.1 50.2 75.2

264 62.9 50.9 76.3





#71

Phenanthrene

Concen: 41.600 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

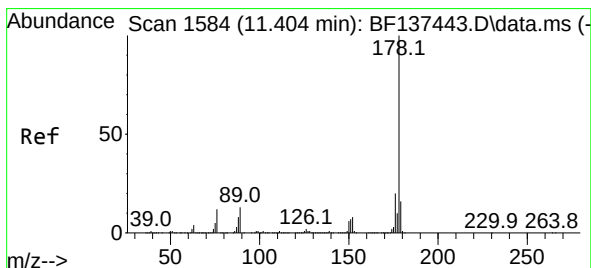
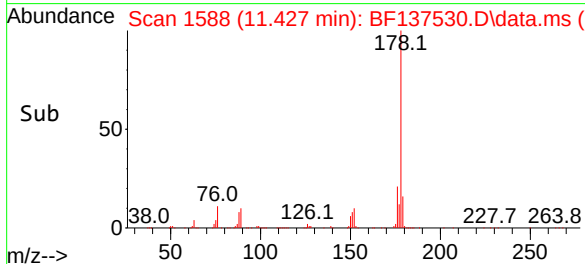
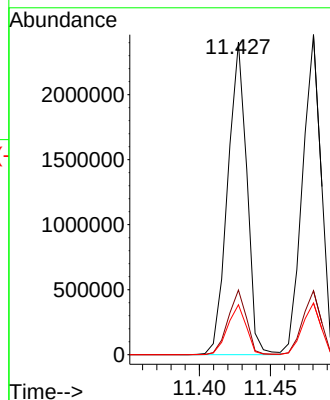
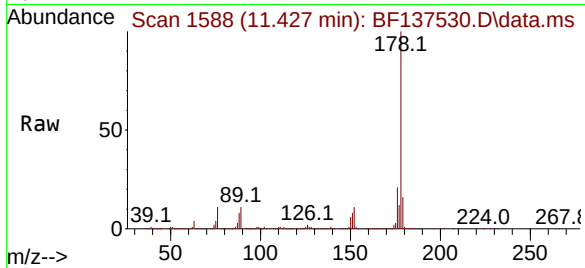
Tgt Ion:178 Resp: 2245381

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.8

179 16.0 12.2 18.2



#72

Anthracene

Concen: 41.332 ng

RT: 11.480 min Scan# 1597

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

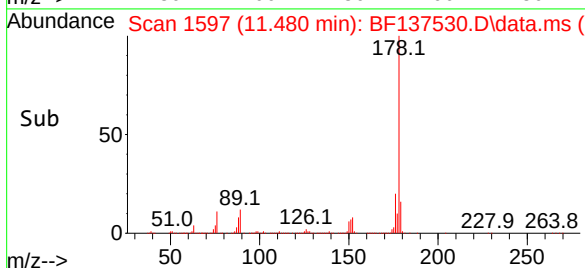
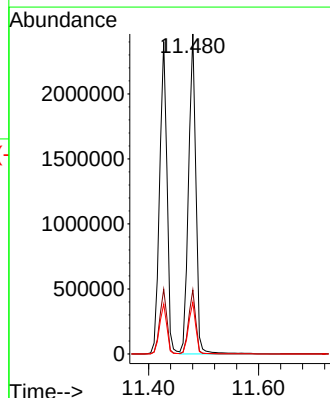
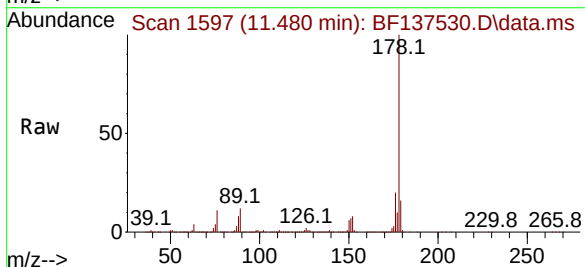
Tgt Ion:178 Resp: 2291286

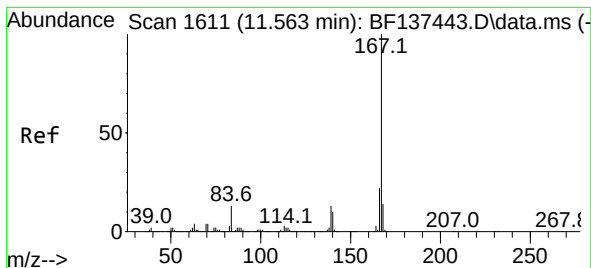
Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

179 16.2 12.7 19.1





#73

Carbazole

Concen: 43.186 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

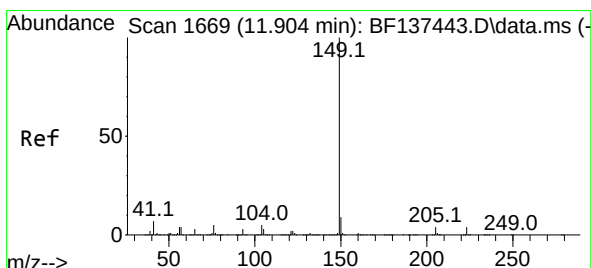
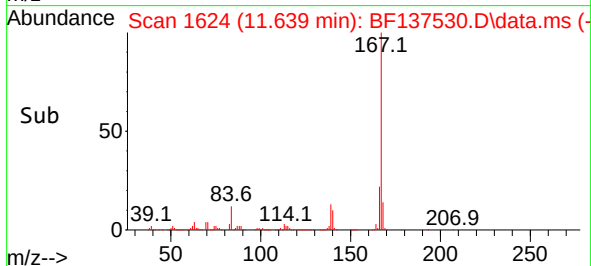
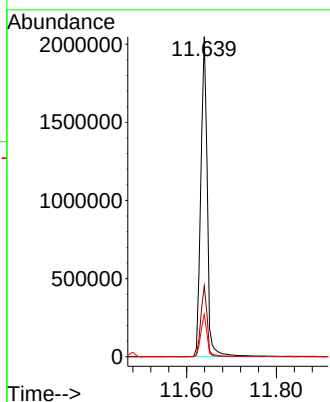
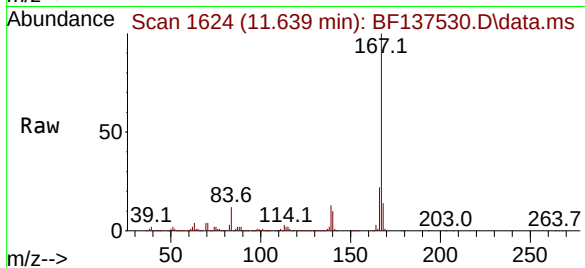
Tgt Ion:167 Resp: 2050643

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

139 13.2 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.212 ng

RT: 11.974 min Scan# 1681

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

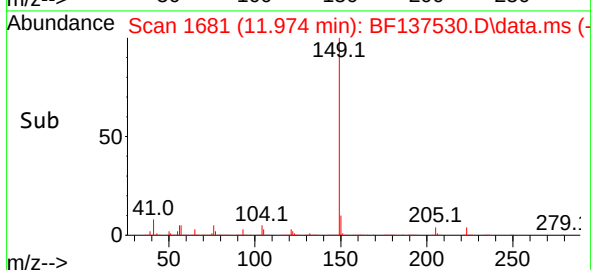
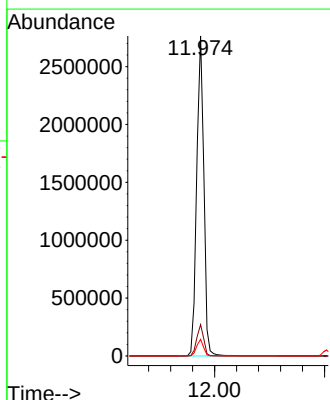
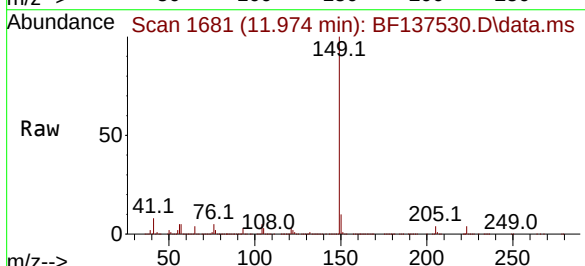
Tgt Ion:149 Resp: 2497780

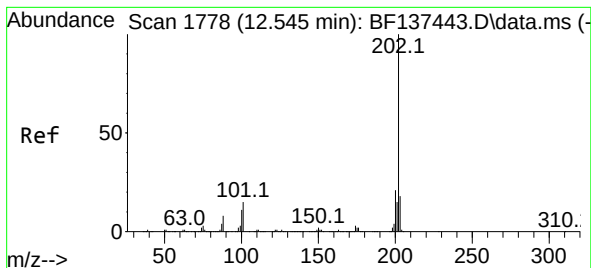
Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.0

104 5.2 3.8 5.6





#75

Fluoranthene

Concen: 43.182 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

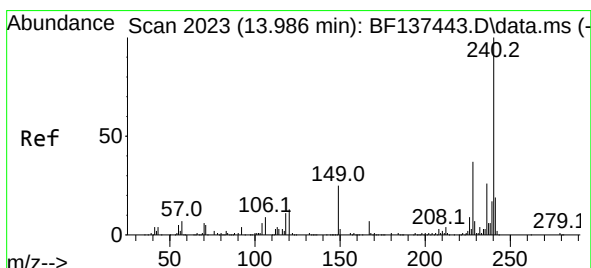
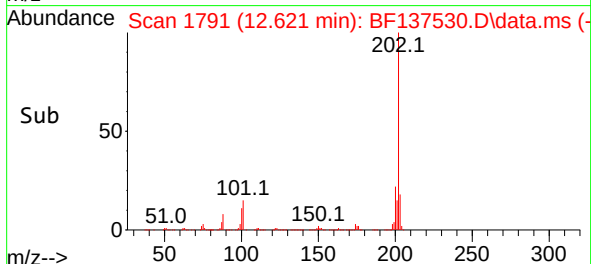
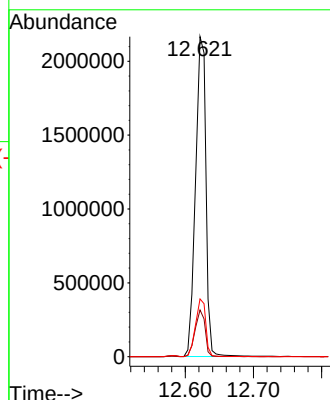
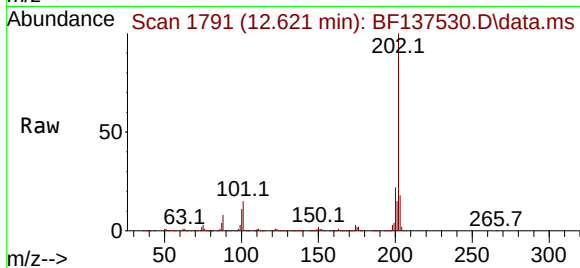
Tgt Ion:202 Resp: 2278268

Ion Ratio Lower Upper

202 100

101 14.6 0.0 35.0

203 18.1 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

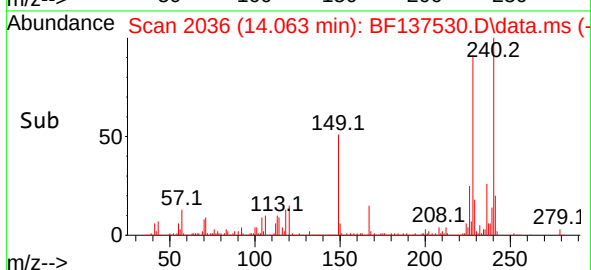
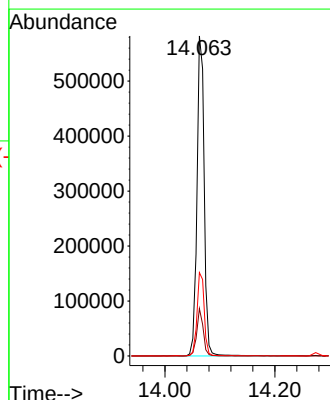
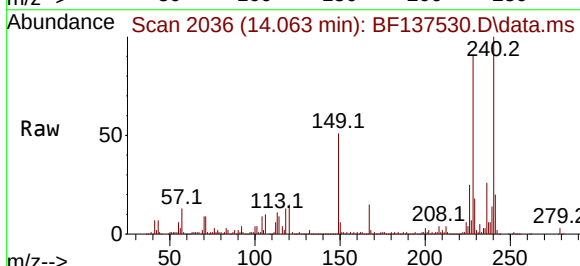
Tgt Ion:240 Resp: 529272

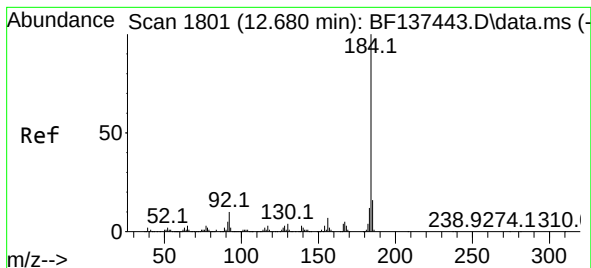
Ion Ratio Lower Upper

240 100

120 14.8 10.4 15.6

236 26.0 20.9 31.3





#77

Benzidine

Concen: 22.179 ng

RT: 12.751 min Scan# 1813

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

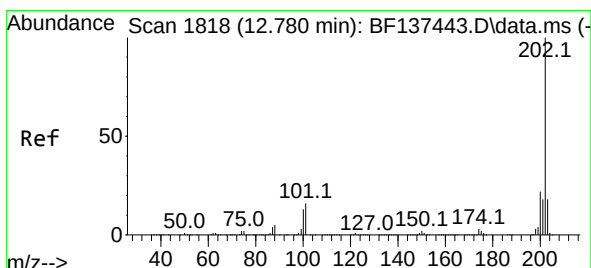
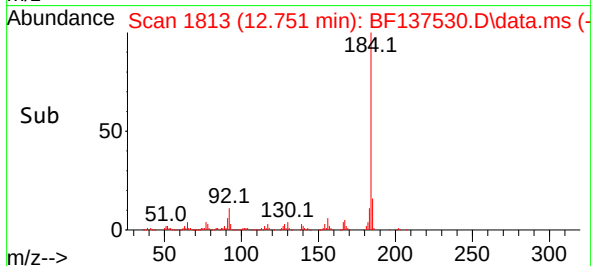
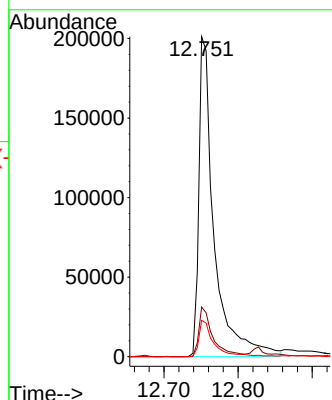
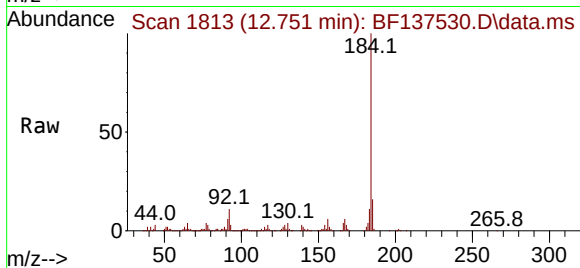
Tgt Ion:184 Resp: 287275

Ion Ratio Lower Upper

184 100

185 15.5 13.2 19.8

183 11.4 9.3 13.9



#78

Pyrene

Concen: 44.321 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.018 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

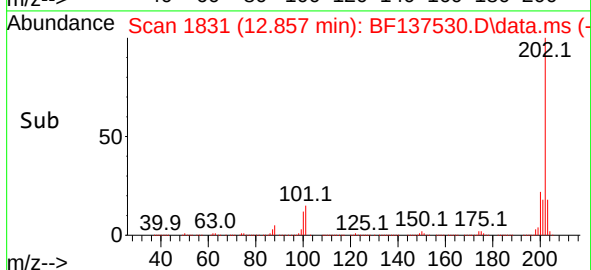
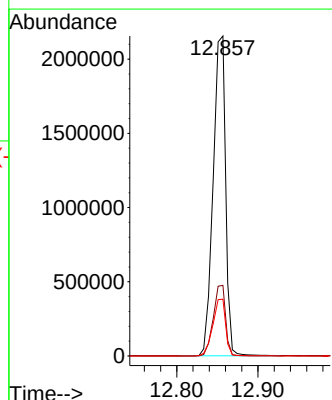
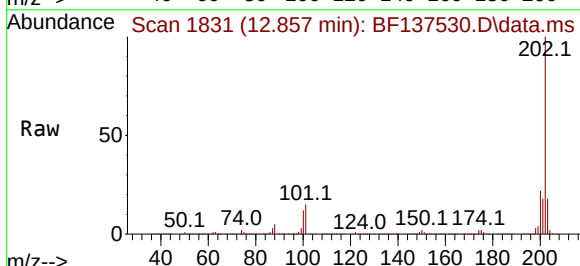
Tgt Ion:202 Resp: 2301760

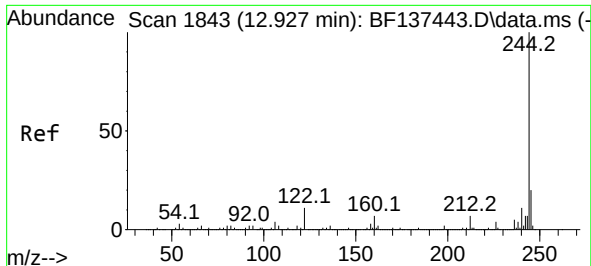
Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

203 17.7 14.1 21.1

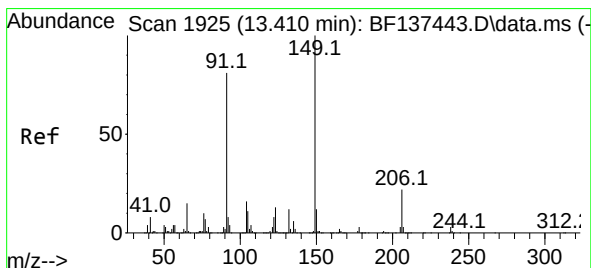
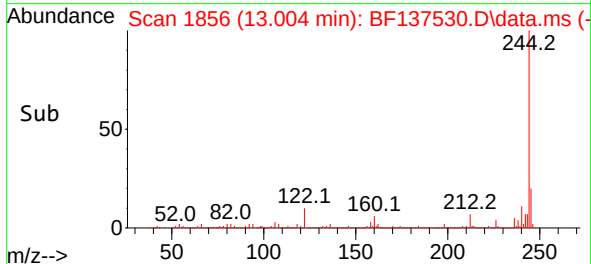
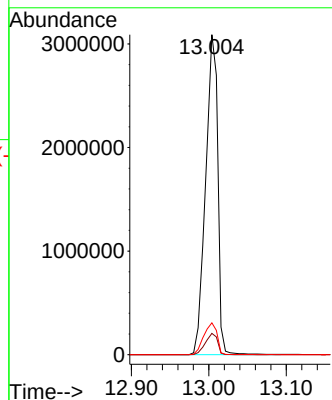
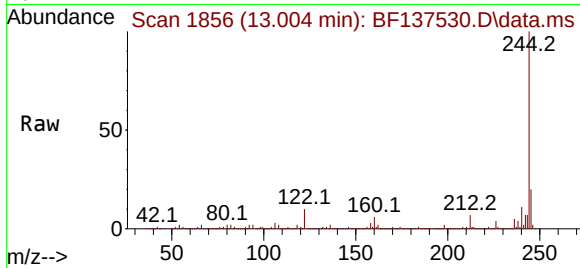




#79
 Terphenyl-d14
 Concen: 87.436 ng
 RT: 13.004 min Scan# 1843
 Delta R.T. 0.012 min
 Lab File: BF137530.D
 Acq: 07 Mar 2024 15:13

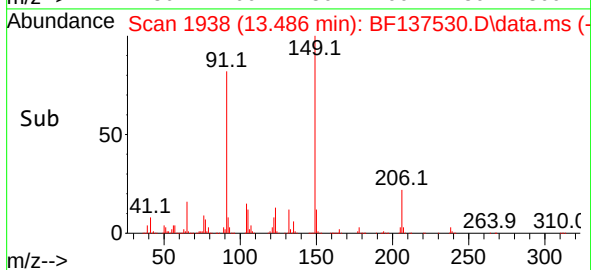
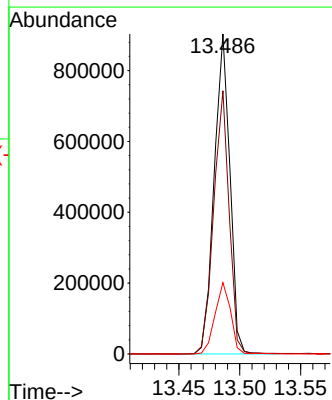
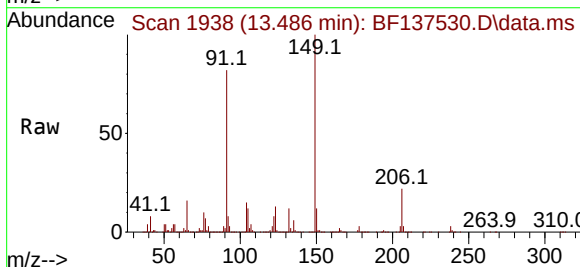
Instrument :
 BNA_F
 ClientSampleId :
 PB159489BS

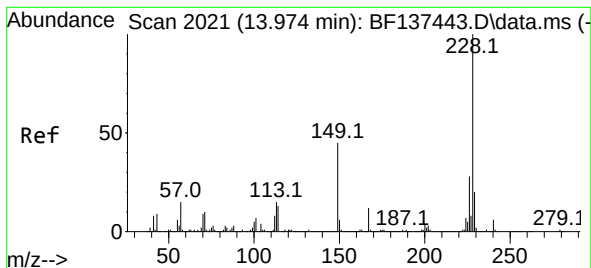
Tgt Ion:244 Resp: 3365356
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 9.9 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 61.299 ng
 RT: 13.486 min Scan# 1938
 Delta R.T. 0.018 min
 Lab File: BF137530.D
 Acq: 07 Mar 2024 15:13

Tgt Ion:149 Resp: 813008
 Ion Ratio Lower Upper
 149 100
 91 82.3 64.7 97.1
 206 22.3 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.995 ng

RT: 14.051 min Scan# 2029

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

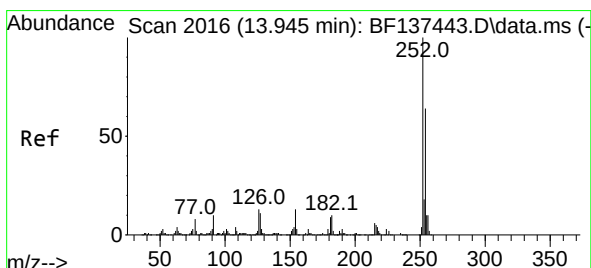
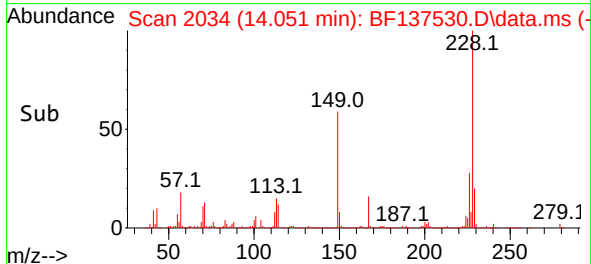
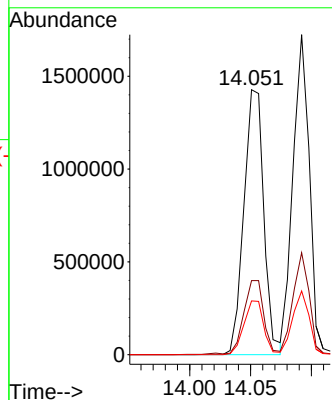
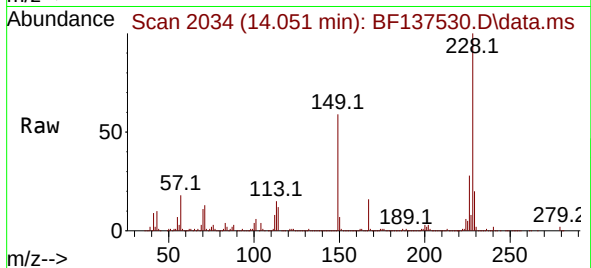
Tgt Ion:228 Resp: 1632039

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

229 20.3 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 40.616 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.018 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

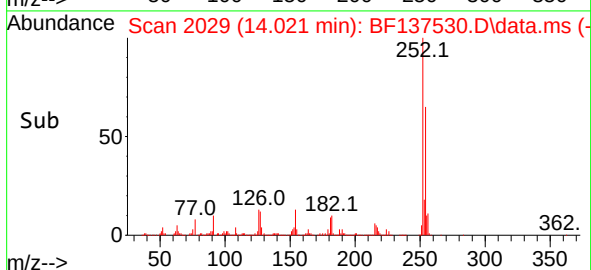
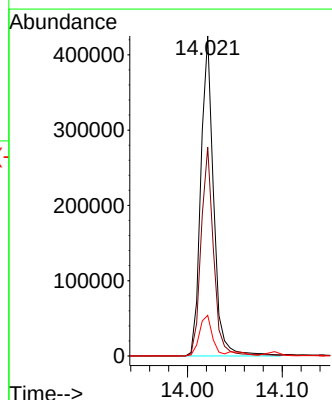
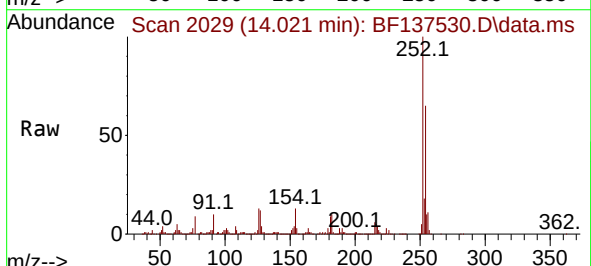
Tgt Ion:252 Resp: 401234

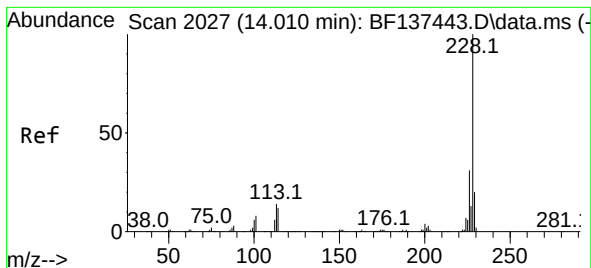
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.2

126 12.7 10.4 15.6





#83

Chrysene

Concen: 43.813 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.018 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

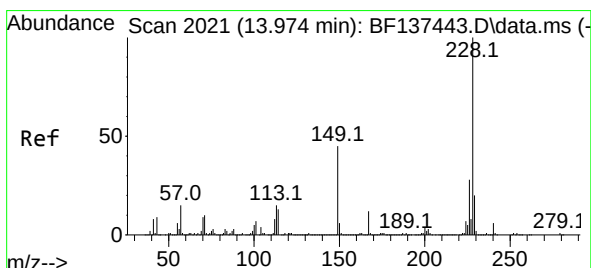
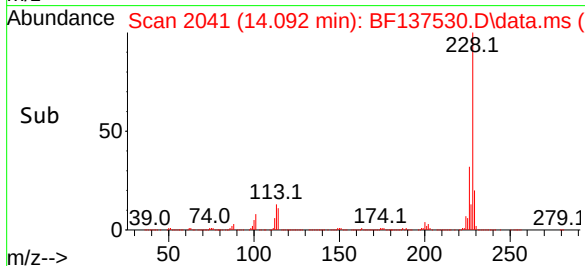
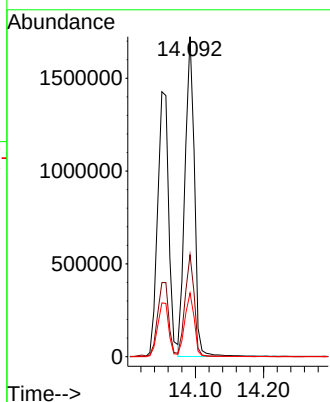
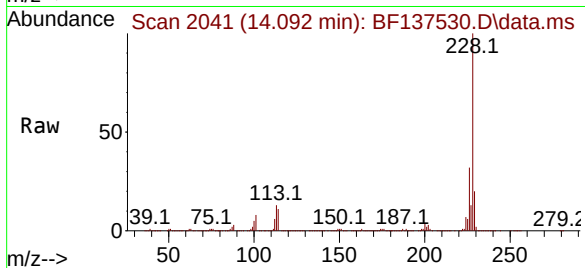
Tgt Ion:228 Resp: 1642686

Ion Ratio Lower Upper

228 100

226 31.8 24.7 37.1

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.126 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

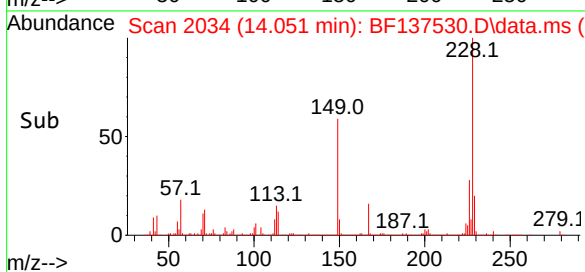
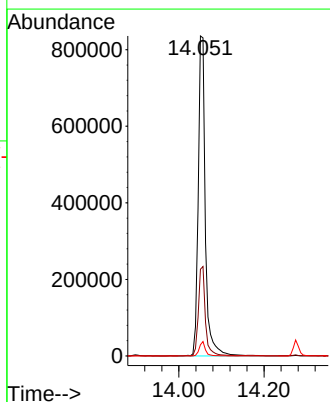
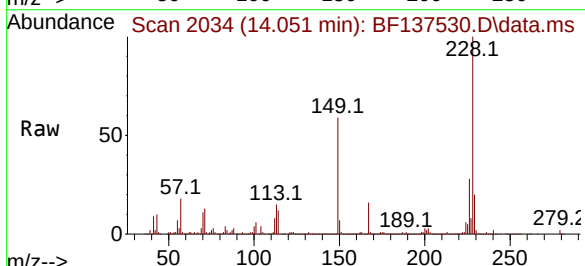
Tgt Ion:149 Resp: 963011

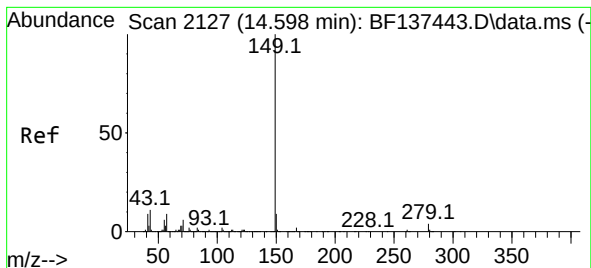
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 3.5 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 49.749 ng

RT: 14.680 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

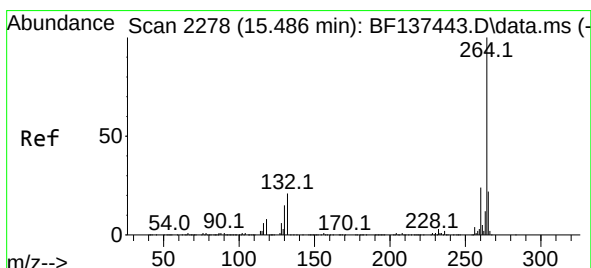
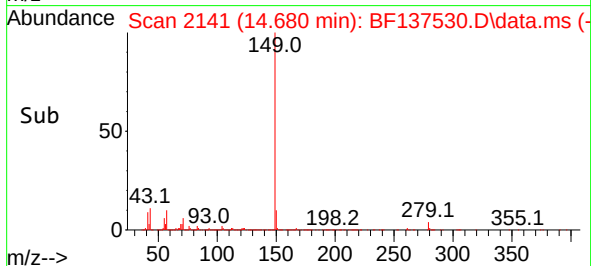
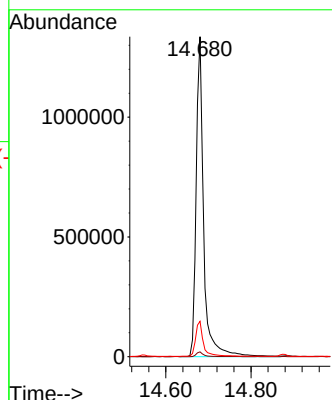
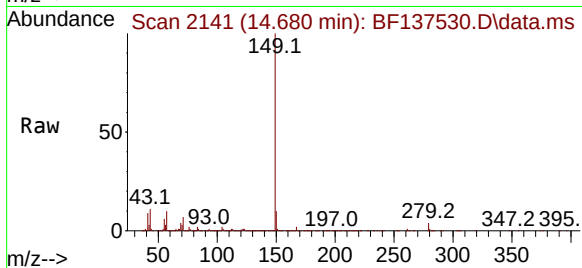
Tgt Ion:149 Resp: 1623830

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2297

Delta R.T. 0.029 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

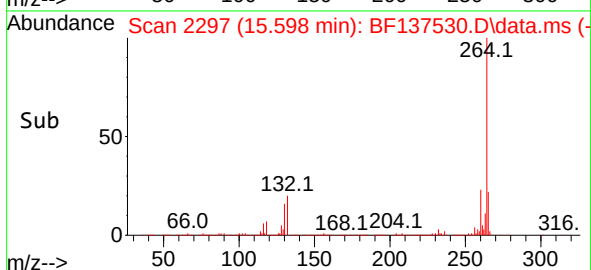
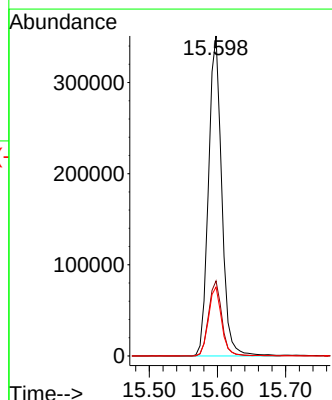
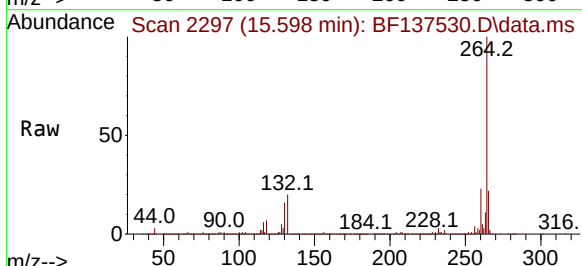
Tgt Ion:264 Resp: 474837

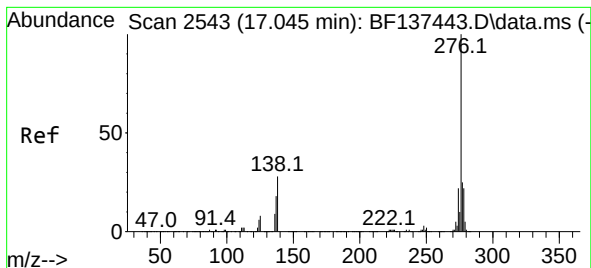
Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.273 ng

RT: 17.204 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

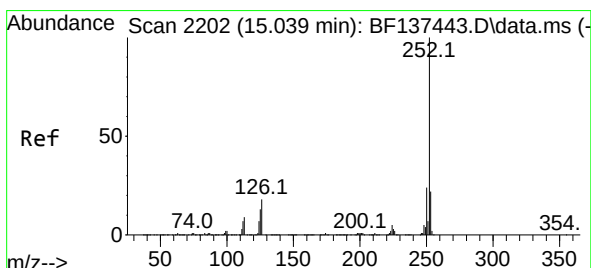
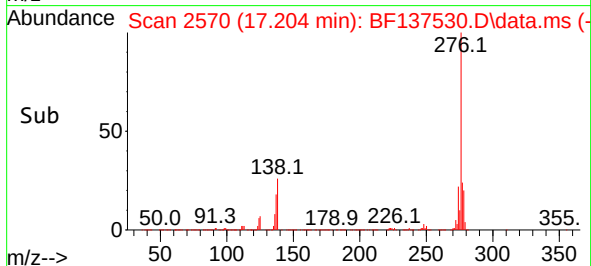
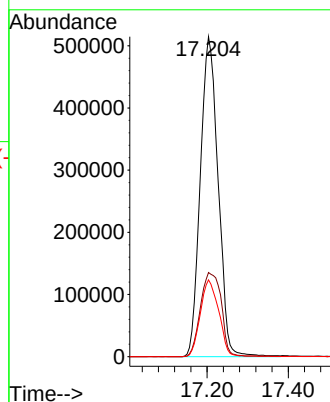
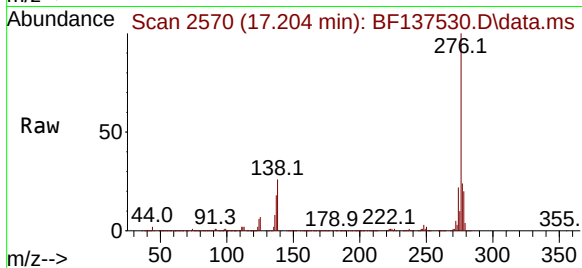
Tgt Ion:276 Resp: 1570905

Ion Ratio Lower Upper

276 100

138 30.6 25.8 38.8

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.549 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.024 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

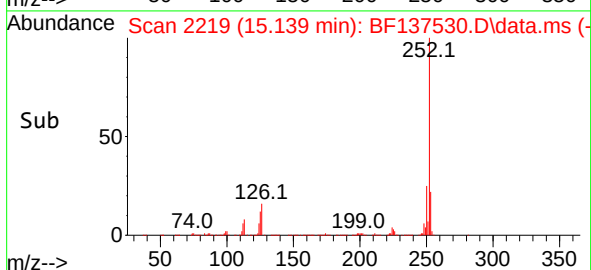
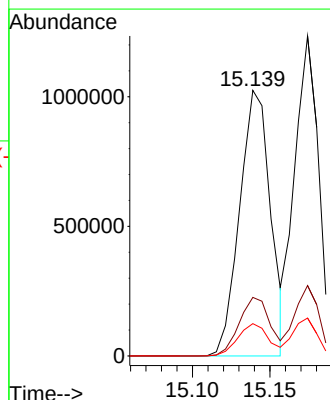
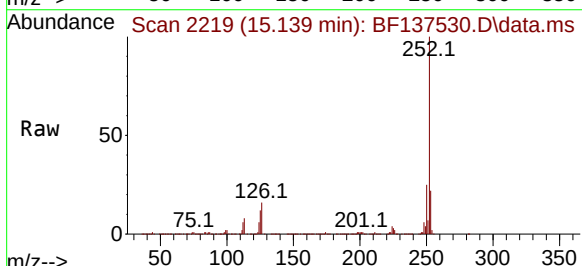
Tgt Ion:252 Resp: 1419837

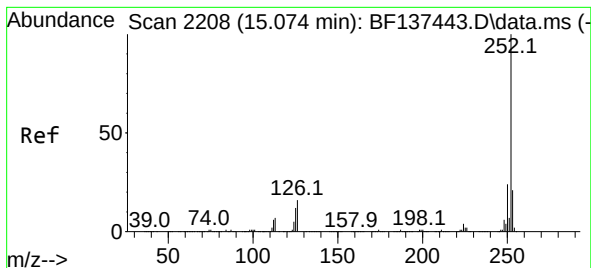
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 12.2 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 45.171 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

Instrument :

BNA_F

ClientSampleId :

PB159489BS

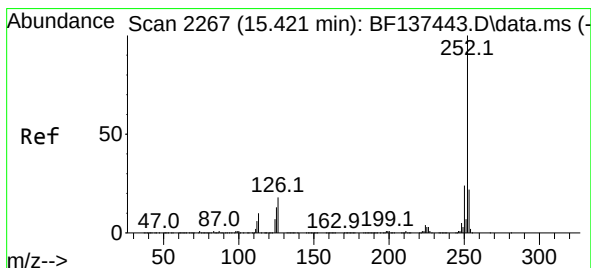
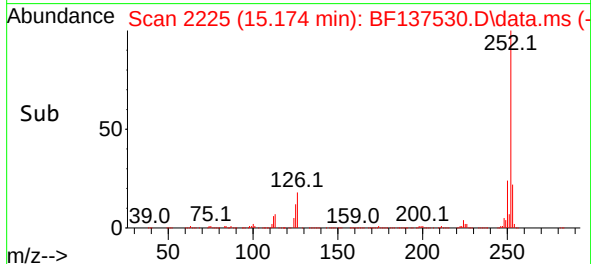
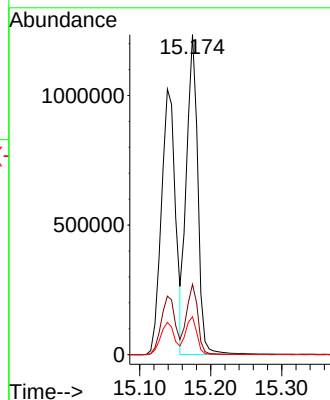
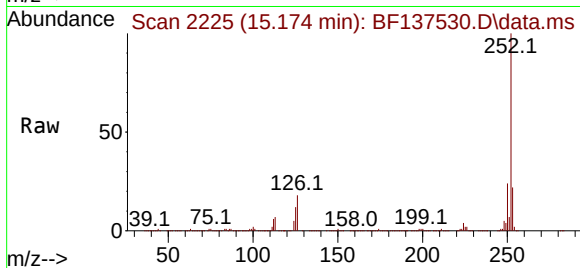
Tgt Ion:252 Resp: 1362780

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.9 9.6 14.4



#90

Benzo(a)pyrene

Concen: 46.051 ng

RT: 15.533 min Scan# 2286

Delta R.T. 0.029 min

Lab File: BF137530.D

Acq: 07 Mar 2024 15:13

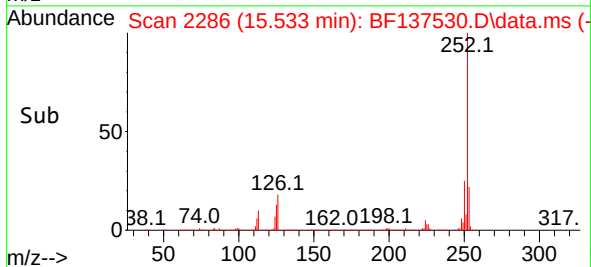
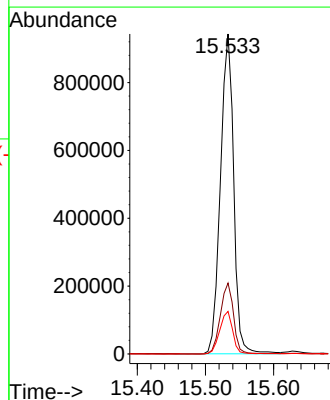
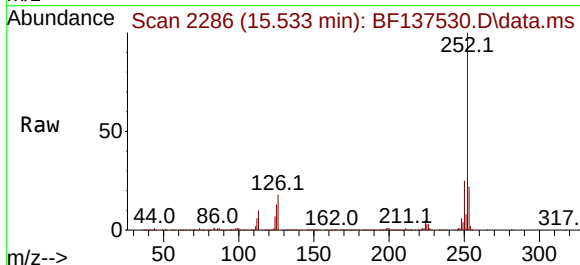
Tgt Ion:252 Resp: 1274686

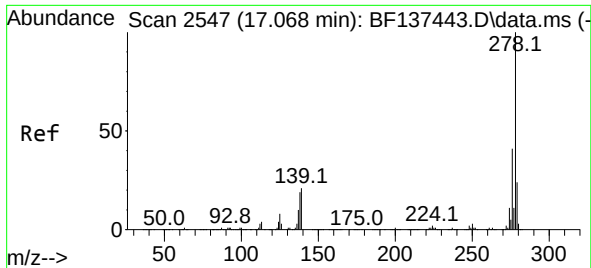
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 13.3 10.4 15.6

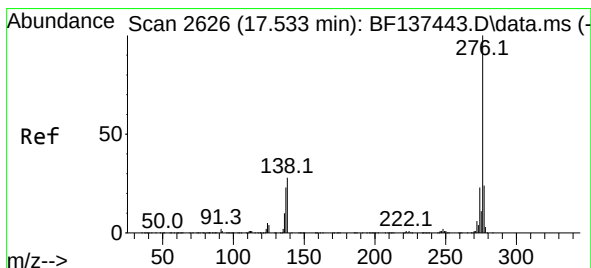
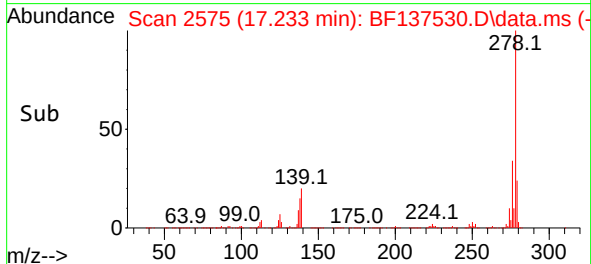
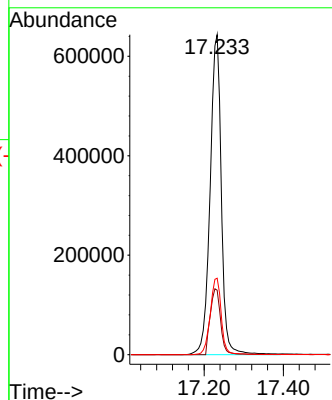
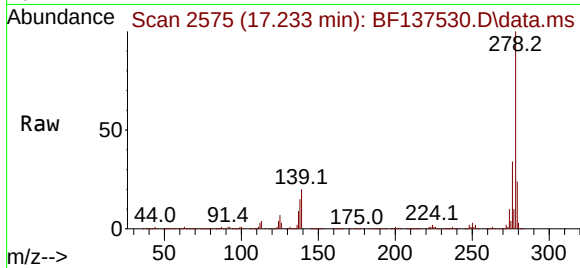




#91
Dibenzo(a,h)anthracene
Concen: 49.845 ng
RT: 17.233 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Instrument :
BNA_F
ClientSampleId :
PB159489BS

Tgt Ion:278 Resp: 1263485
Ion Ratio Lower Upper
278 100
139 20.2 17.0 25.6
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.782 ng
RT: 17.692 min Scan# 2653
Delta R.T. 0.053 min
Lab File: BF137530.D
Acq: 07 Mar 2024 15:13

Tgt Ion:276 Resp: 1269916
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.4
138 26.9 22.2 33.2

