

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137556.D
 Acq On : 11 Mar 2024 14:43
 Operator : CG\JU
 Sample : PB159519BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159519BSD

Quant Time: Mar 12 02:03:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	223172	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	899300	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	497175	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	885571	20.000	ng	0.00
76) Chrysene-d12	14.098	240	464067	20.000	ng	0.00
86) Perylene-d12	15.651	264	433451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1738285	117.967	ng	0.02
7) Phenol-d6	6.557	99	2413041	113.448	ng	0.00
23) Nitrobenzene-d5	7.469	82	1521991	78.637	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	604127	138.369	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2453662	77.254	ng	0.00
79) Terphenyl-d14	13.039	244	2775960	82.256	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.904	88	278759	34.598	ng	98
3) Pyridine	3.669	79	625322	32.181	ng	99
4) n-Nitrosodimethylamine	3.657	42	312055	40.307	ng	96
6) Aniline	6.581	93	580578	22.339	ng	99
8) 2-Chlorophenol	6.698	128	702758	45.217	ng	100
9) Benzaldehyde	6.475	77	25063	2.405	ng	95
10) Phenol	6.569	94	936089	40.889	ng	98
11) bis(2-Chloroethyl)ether	6.651	93	724417	43.181	ng	98
12) 1,3-Dichlorobenzene	6.845	146	719695	43.335	ng	99
13) 1,4-Dichlorobenzene	6.922	146	743642	43.763	ng	98
14) 1,2-Dichlorobenzene	7.069	146	696517	44.658	ng	99
15) Benzyl Alcohol	7.051	79	644132	48.644	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1153124	39.987	ng	95
17) 2-Methylphenol	7.163	107	589477	40.533	ng	97
18) Hexachloroethane	7.404	117	254749	45.531	ng	93
19) n-Nitroso-di-n-propyla...	7.322	70	517394	39.392	ng	99
20) 3+4-Methylphenols	7.316	107	667091	40.051	ng	92
22) Acetophenone	7.310	105	930952	42.785	ng	# 97
24) Nitrobenzene	7.486	77	801859	41.242	ng	96
25) Isophorone	7.722	82	1538958	41.853	ng	97
26) 2-Nitrophenol	7.798	139	368566	47.747	ng	94
27) 2,4-Dimethylphenol	7.839	122	536510	37.197	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	919485	42.619	ng	99
29) 2,4-Dichlorophenol	8.039	162	598289	45.197	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	613974	44.075	ng	99
31) Naphthalene	8.198	128	1992011	41.285	ng	100
32) Benzoic acid	7.986	122	384796	46.546	ng	96
33) 4-Chloroaniline	8.251	127	259370	13.709	ng	99
34) Hexachlorobutadiene	8.316	225	352962	42.918	ng	98
35) Caprolactam	8.633	113	99459	22.158	ng	91
36) 4-Chloro-3-methylphenol	8.739	107	646099	43.665	ng	100
37) 2-Methylnaphthalene	8.892	142	1229298	39.965	ng	99
38) 1-Methylnaphthalene	8.992	142	1176167	40.603	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	603126	43.453	ng	99
41) Hexachlorocyclopentadiene	9.045	237	546559	94.793	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	417909	46.236	ng	99

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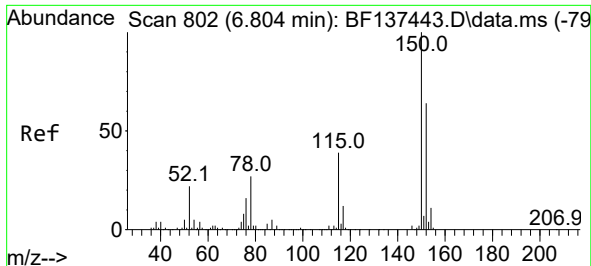
Quant Time: Mar 12 02:03:12 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	444773	42.717	ng	96
46) 1,1'-Biphenyl	9.357	154	1535561	42.199	ng	98
47) 2-Chloronaphthalene	9.380	162	1211871	43.681	ng	98
48) 2-Nitroaniline	9.486	65	428686	45.461	ng	98
49) Acenaphthylene	9.798	152	1909895	43.017	ng	99
50) Dimethylphthalate	9.669	163	1483910	42.876	ng	100
51) 2,6-Dinitrotoluene	9.733	165	330975	45.722	ng	# 84
52) Acenaphthene	9.975	154	1086167	40.977	ng	99
53) 3-Nitroaniline	9.898	138	200588	26.197	ng	100
54) 2,4-Dinitrophenol	10.010	184	351156	97.457	ng	96
55) Dibenzofuran	10.145	168	1649493	40.858	ng	100
56) 4-Nitrophenol	10.075	139	474493	86.702	ng	99
57) 2,4-Dinitrotoluene	10.139	165	398489	44.807	ng	93
58) Fluorene	10.492	166	1246016	40.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	378016	45.274	ng	94
60) Diethylphthalate	10.374	149	1392773	42.615	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	607561	39.984	ng	93
62) 4-Nitroaniline	10.527	138	295014	44.829	ng	93
63) Azobenzene	10.645	77	1564659	41.576	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	245286	49.696	ng	79
66) n-Nitrosodiphenylamine	10.610	169	1159947	40.676	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	414716	42.996	ng	96
68) Hexachlorobenzene	11.039	284	447436	45.928	ng	95
69) Atrazine	11.145	200	347872	40.129	ng	100
70) Pentachlorophenol	11.239	266	497377	84.455	ng	99
71) Phenanthrene	11.463	178	1927953	40.004	ng	99
72) Anthracene	11.510	178	2016022	40.729	ng	100
73) Carbazole	11.674	167	1756966	41.439	ng	99
74) Di-n-butylphthalate	12.010	149	2167858	42.975	ng	100
75) Fluoranthene	12.657	202	1939747	41.176	ng	99
77) Benzidine	12.786	184	248152	21.851	ng	99
78) Pyrene	12.886	202	1953667	42.904	ng	99
80) Butylbenzylphthalate	13.521	149	651974	56.064	ng	97
81) Benzo(a)anthracene	14.086	228	1408476	43.303	ng	100
82) 3,3'-Dichlorobenzidine	14.057	252	309781	35.764	ng	99
83) Chrysene	14.127	228	1379452	41.962	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	765003	51.756	ng	99
85) Di-n-octyl phthalate	14.715	149	1267867	44.915	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1343361	47.096	ng	98
88) Benzo(b)fluoranthene	15.186	252	1233886	48.123	ng	99
89) Benzo(k)fluoranthene	15.221	252	1131297	41.078	ng	98
90) Benzo(a)pyrene	15.586	252	1084593	42.925	ng	99
91) Dibenzo(a,h)anthracene	17.321	278	1083087	46.808	ng	98
92) Benzo(g,h,i)perylene	17.792	276	1083739	45.605	ng	99

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

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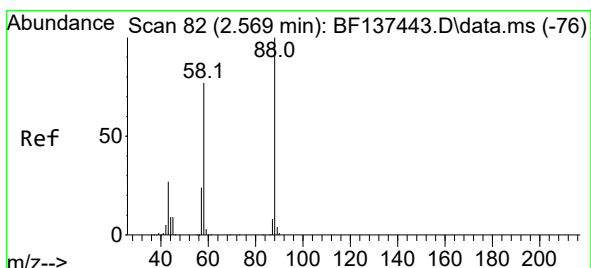
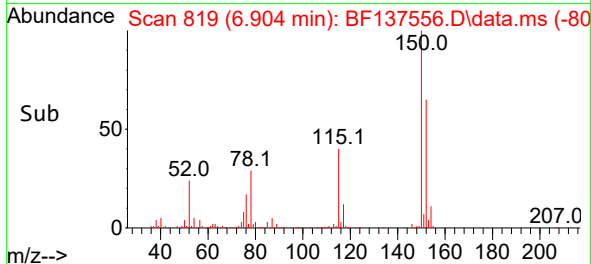
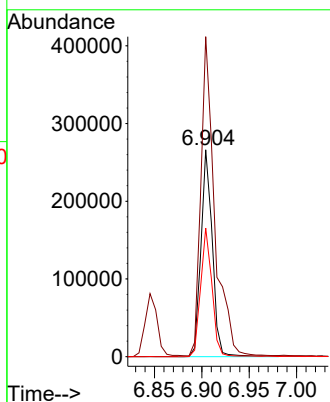
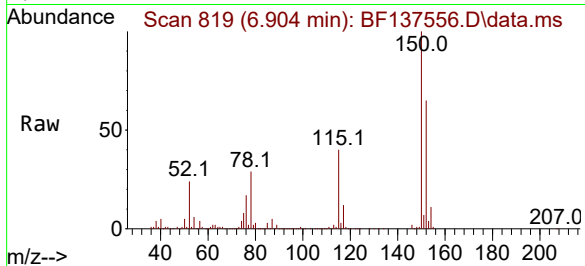




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF137556.D
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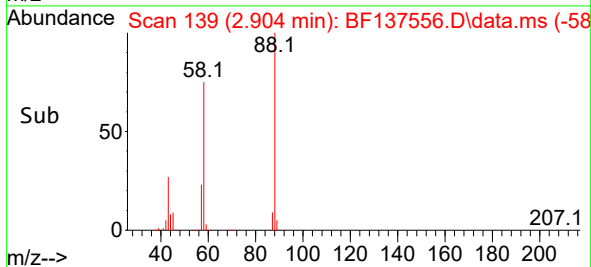
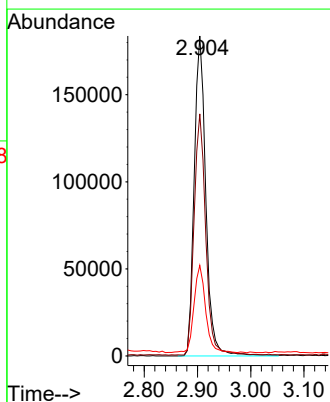
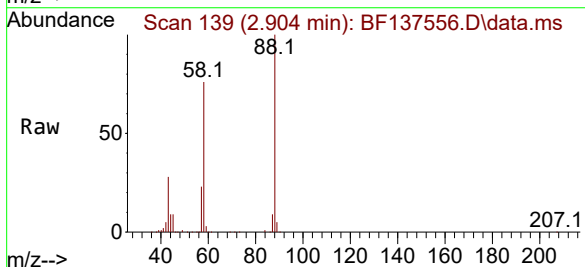
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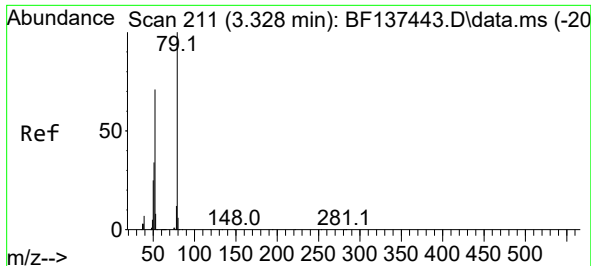
Tgt Ion:152 Resp: 223172
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.8 188.6
 115 62.2 48.8 73.2



#2
 1,4-Dioxane
 Concen: 34.598 ng
 RT: 2.904 min Scan# 139
 Delta R.T. 0.129 min
 Lab File: BF137556.D
 Acq: 11 Mar 2024 14:43

Tgt Ion: 88 Resp: 278759
 Ion Ratio Lower Upper
 88 100
 58 75.4 61.8 92.8
 43 27.1 22.2 33.4

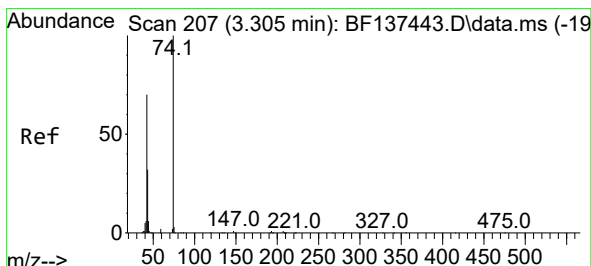
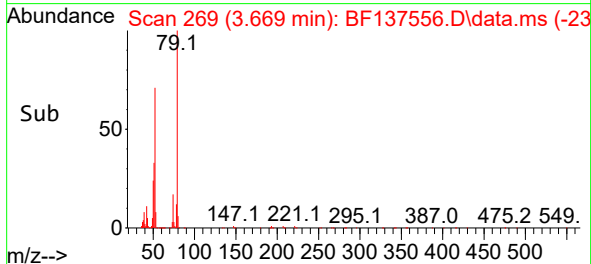
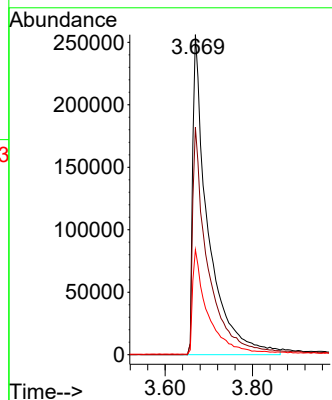
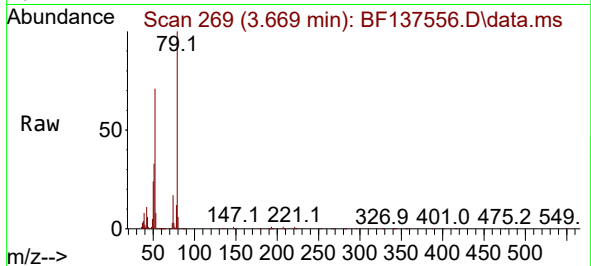




#3
Pyridine
Concen: 32.181 ng
RT: 3.669 min Scan# 211
Delta R.T. 0.094 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

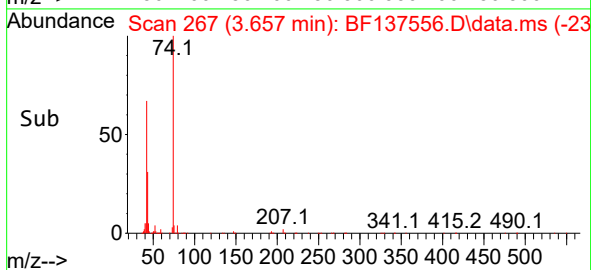
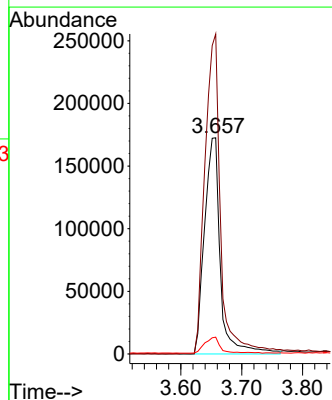
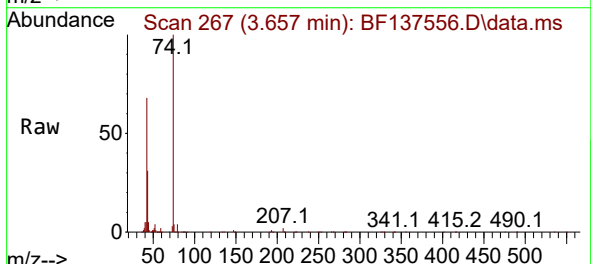
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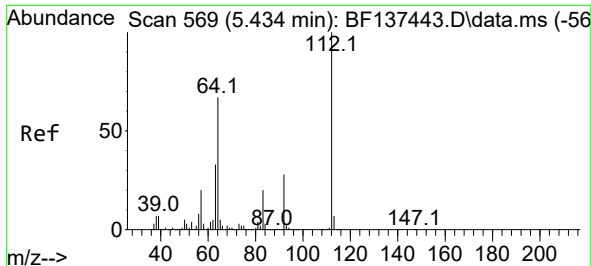
Tgt Ion: 79 Resp: 625322
Ion Ratio Lower Upper
79 100
52 71.1 57.0 85.4
51 32.8 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 40.307 ng
RT: 3.657 min Scan# 267
Delta R.T. 0.088 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion: 42 Resp: 312055
Ion Ratio Lower Upper
42 100
74 148.0 114.0 171.0
44 7.8 7.0 10.4

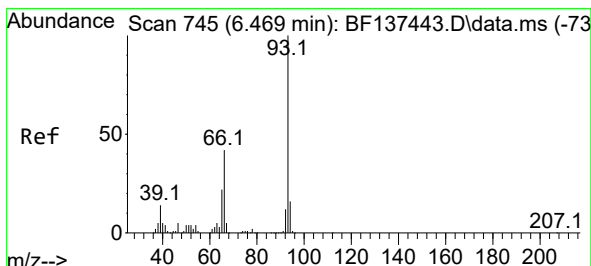
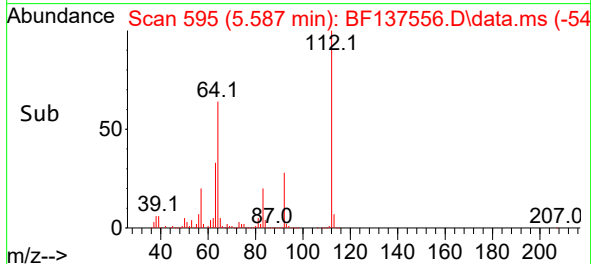
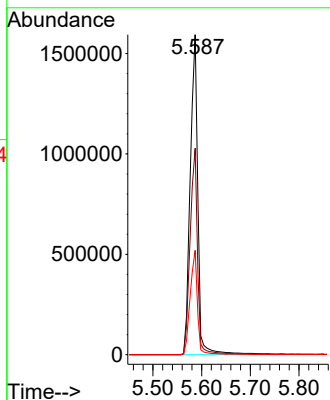
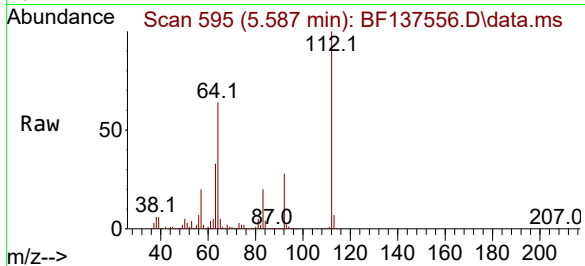




#5
2-Fluorophenol
Concen: 117.967 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

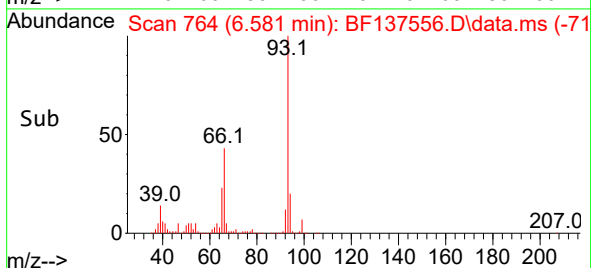
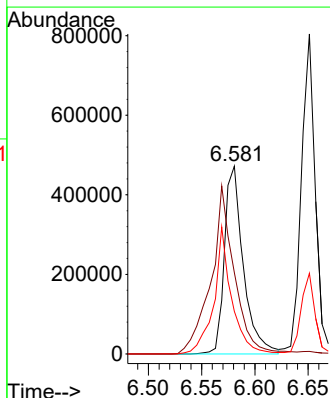
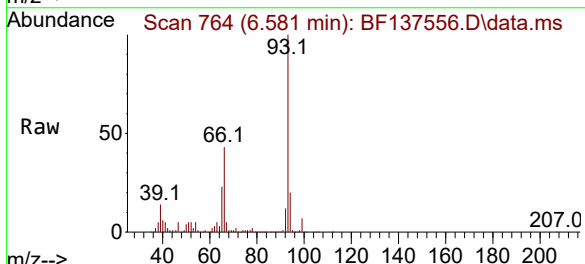
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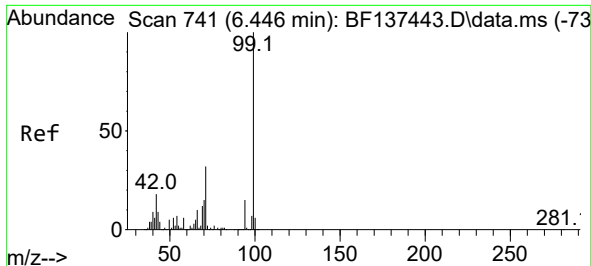
Tgt Ion:112 Resp: 1738285
Ion Ratio Lower Upper
112 100
64 64.5 53.4 80.2
63 32.6 26.2 39.2



#6
Aniline
Concen: 22.339 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion: 93 Resp: 580578
Ion Ratio Lower Upper
93 100
66 43.3 34.0 51.0
65 22.6 17.8 26.8

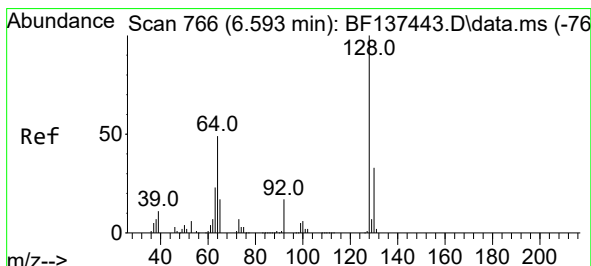
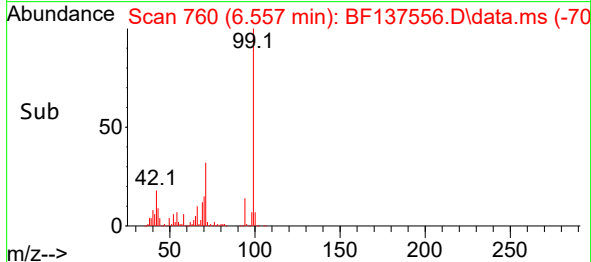
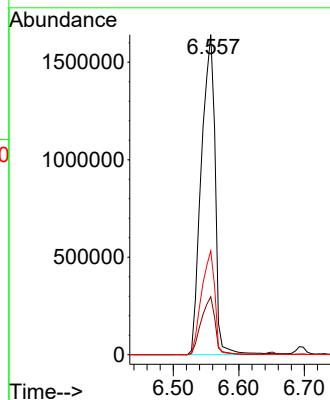
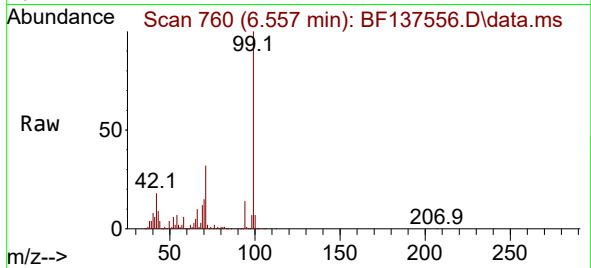




#7
Phenol-d6
Concen: 113.448 ng
RT: 6.557 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

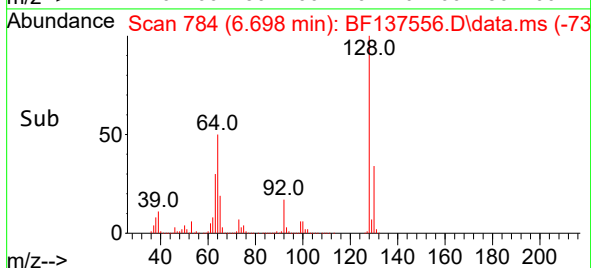
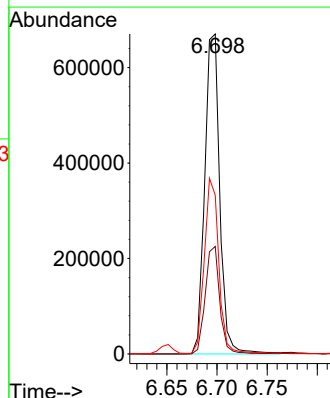
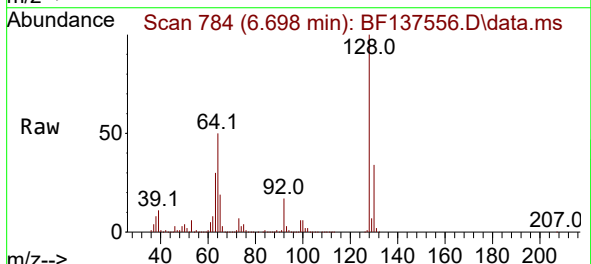
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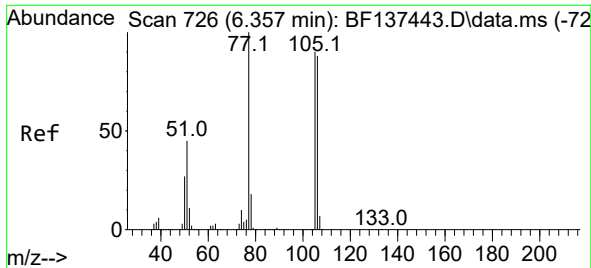
Tgt Ion: 99 Resp: 2413041
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 32.5 25.3 37.9



#8
2-Chlorophenol
Concen: 45.217 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:128 Resp: 702758
Ion Ratio Lower Upper
128 100
130 33.6 13.4 53.4
64 49.6 30.0 70.0

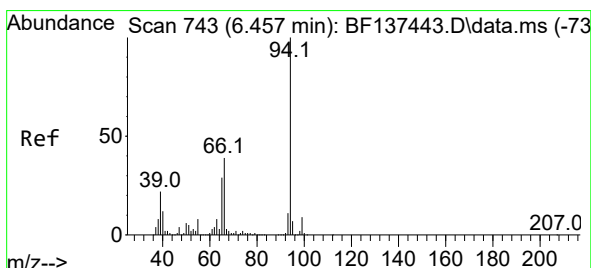
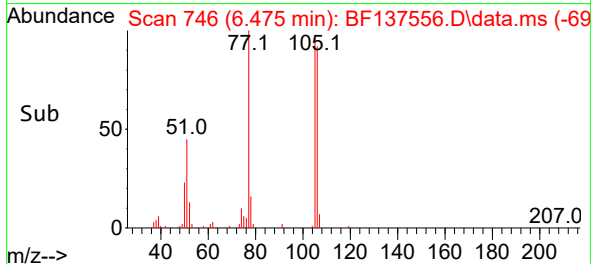
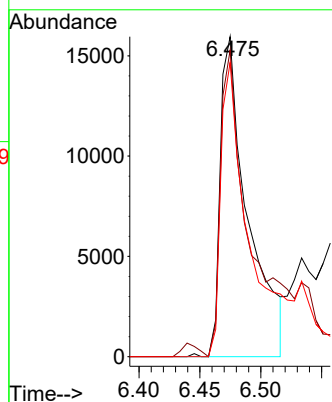
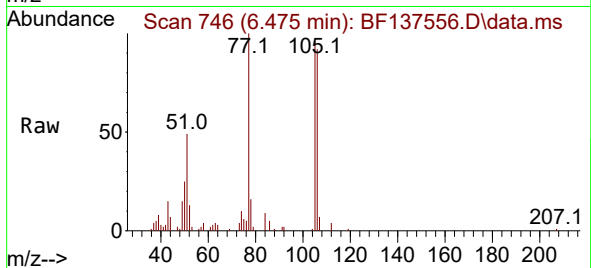




#9
Benzaldehyde
Concen: 2.405 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

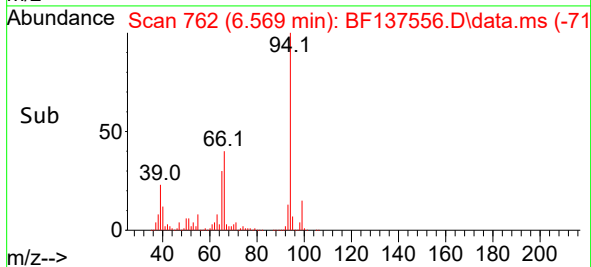
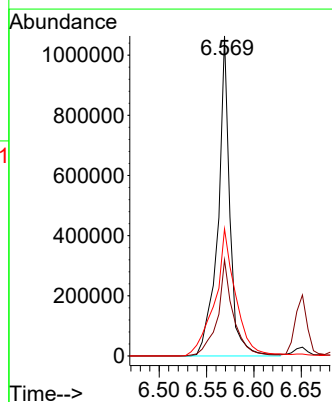
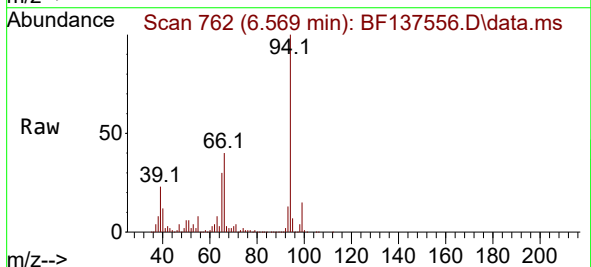
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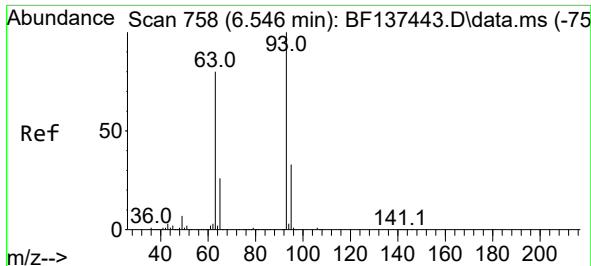
Tgt Ion: 77 Resp: 25063
Ion Ratio Lower Upper
77 100
105 95.8 69.8 109.8
106 92.0 67.8 107.8



#10
Phenol
Concen: 40.889 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion: 94 Resp: 936089
Ion Ratio Lower Upper
94 100
65 30.0 8.7 48.7
66 39.7 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 43.181 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

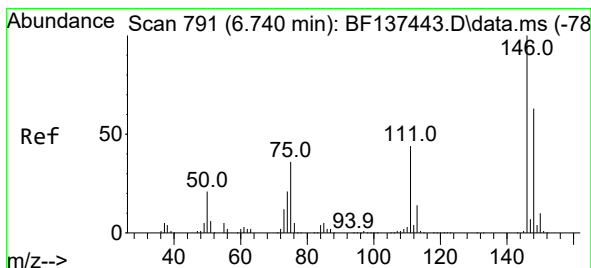
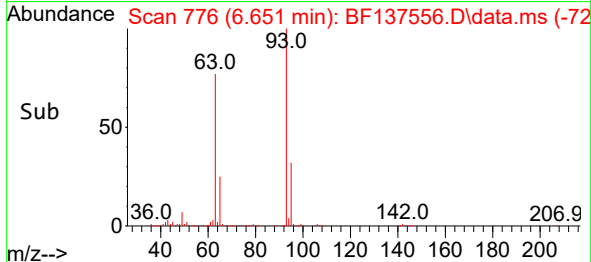
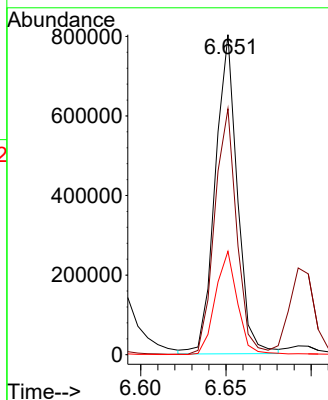
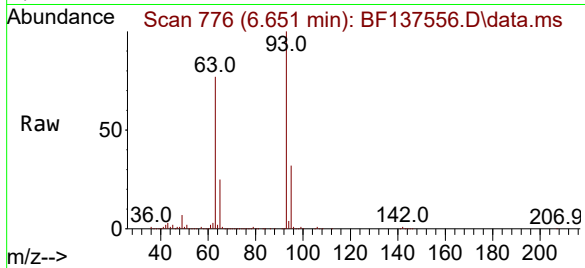
Tgt Ion: 93 Resp: 724417

Ion Ratio Lower Upper

93 100

63 76.8 58.9 98.9

95 32.3 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 43.335 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

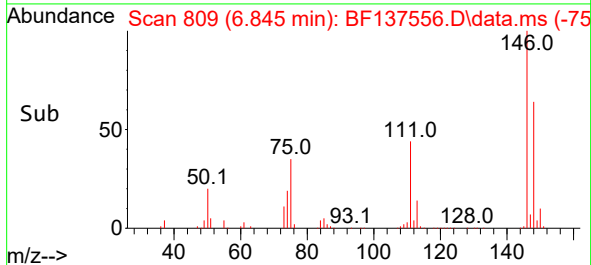
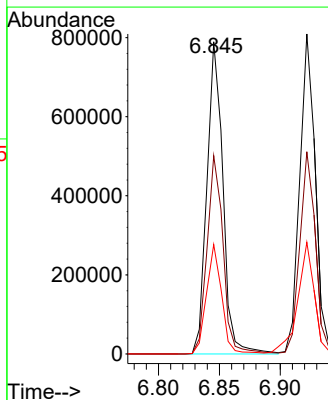
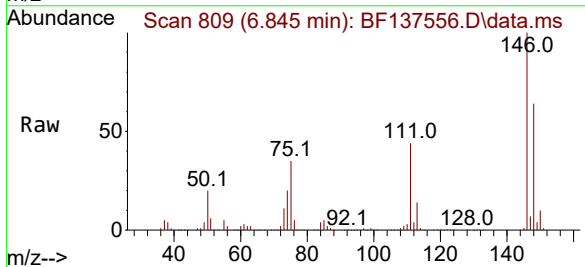
Tgt Ion: 146 Resp: 719695

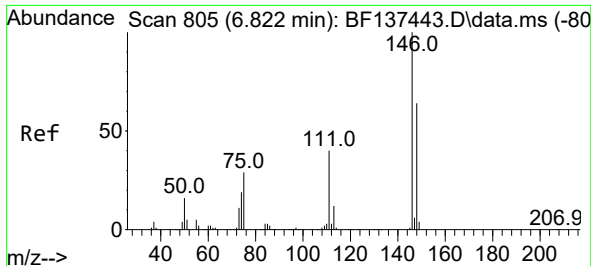
Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

75 35.1 29.0 43.4

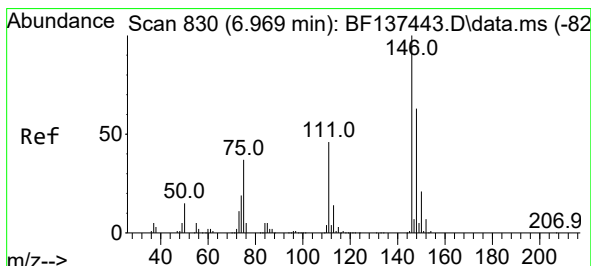
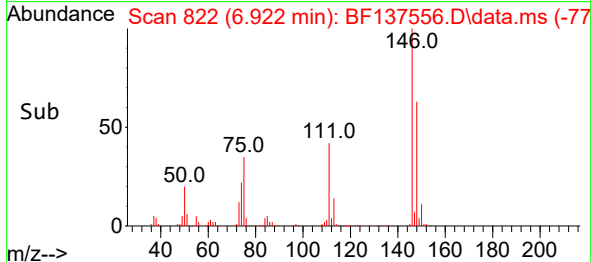
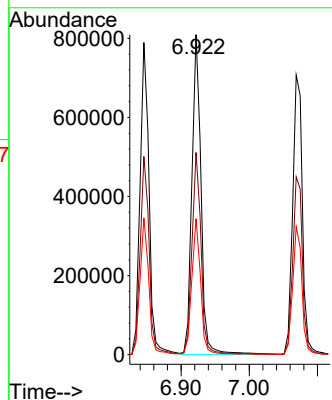
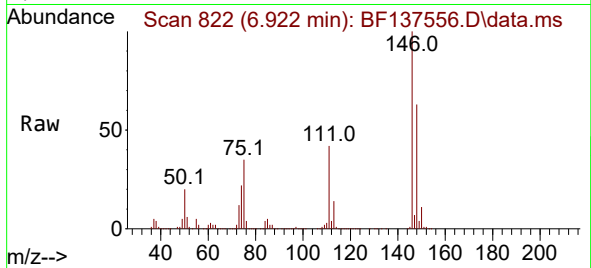




#13
1,4-Dichlorobenzene
Concen: 43.763 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

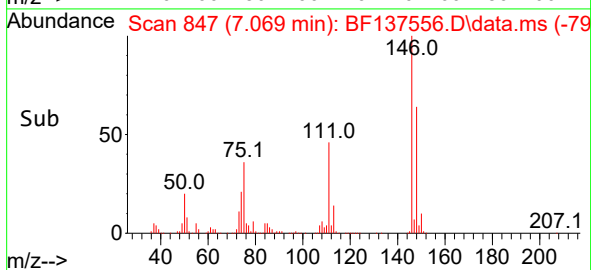
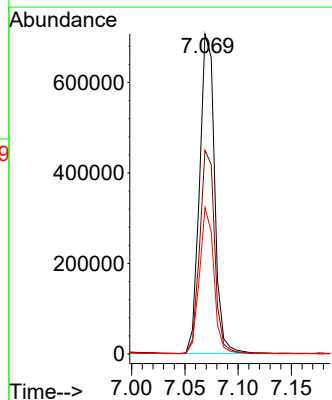
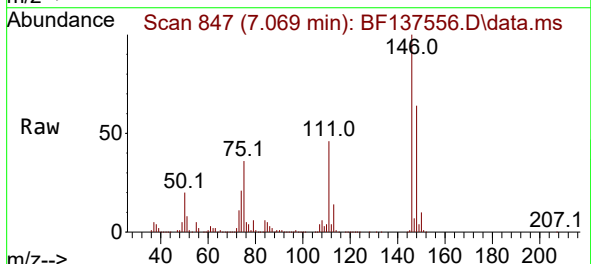
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

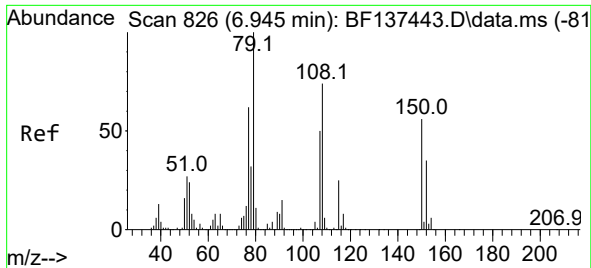
Tgt Ion:146 Resp: 743642
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 42.5 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 44.658 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:146 Resp: 696517
Ion Ratio Lower Upper
146 100
148 63.6 50.0 75.0
111 45.8 36.8 55.2

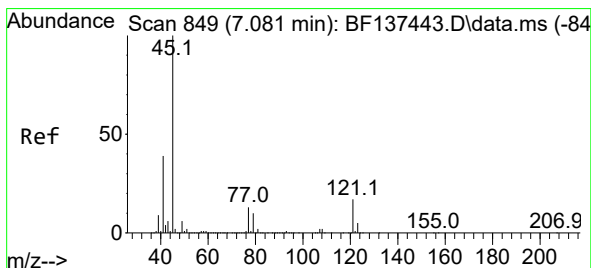
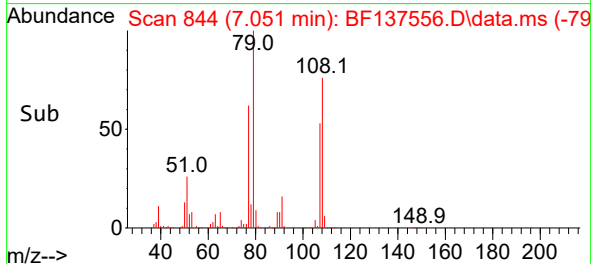
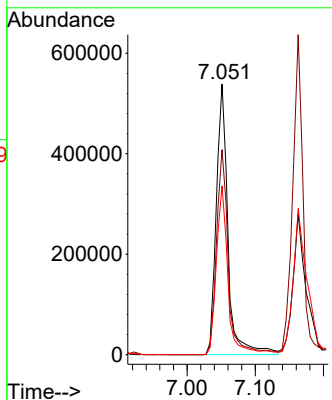
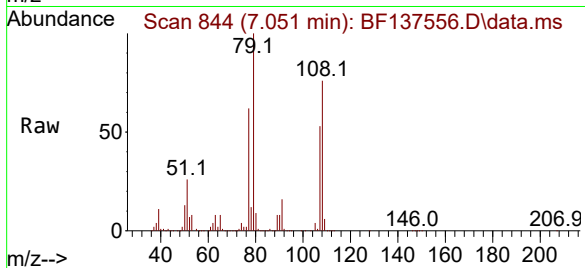




#15
Benzyl Alcohol
Concen: 48.644 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

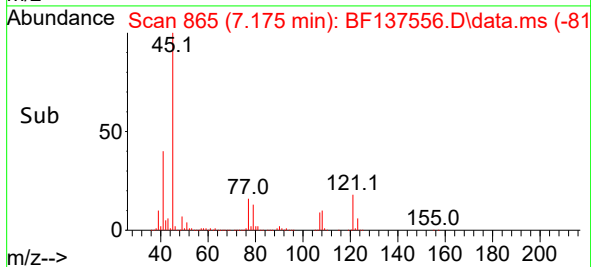
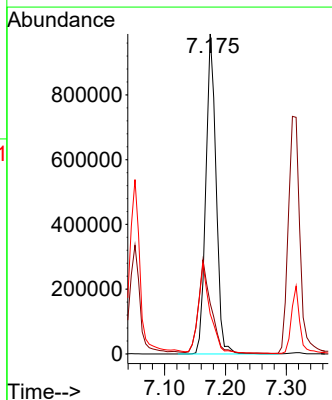
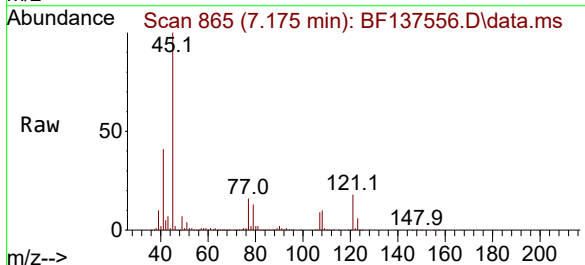
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

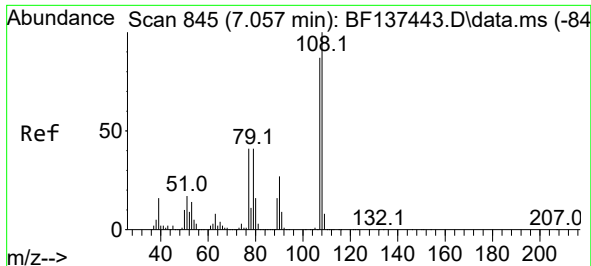
Tgt Ion: 79 Resp: 644132
Ion Ratio Lower Upper
79 100
108 75.8 59.5 89.3
77 62.4 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.987 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion: 45 Resp: 1153124
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.4
79 12.5 0.0 30.9

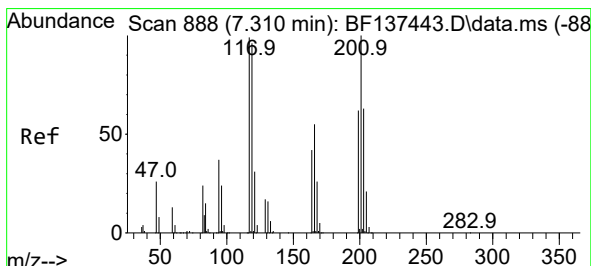
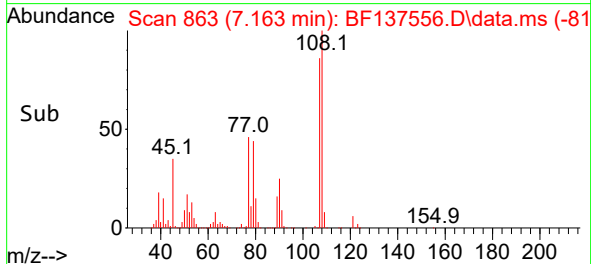
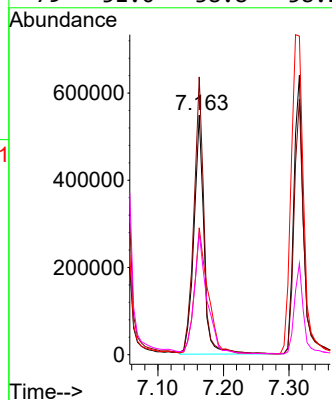
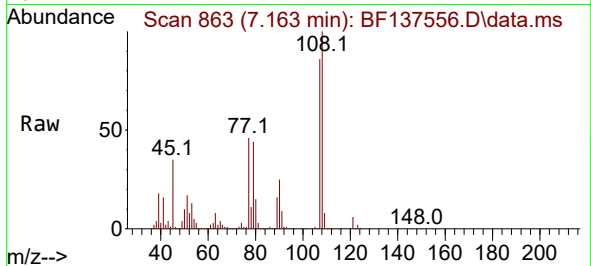




#17
2-Methylphenol
Concen: 40.533 ng
RT: 7.163 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

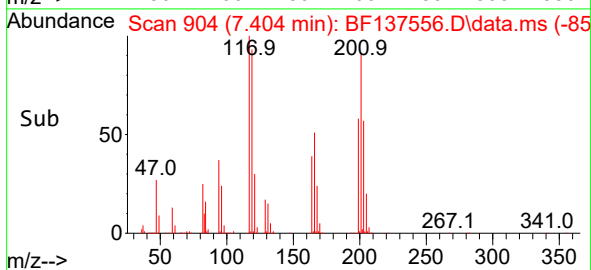
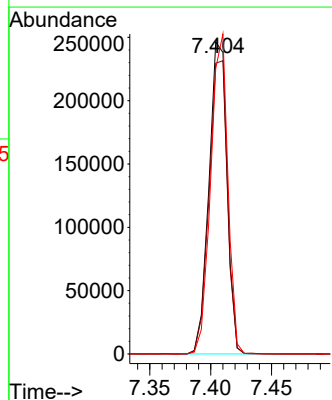
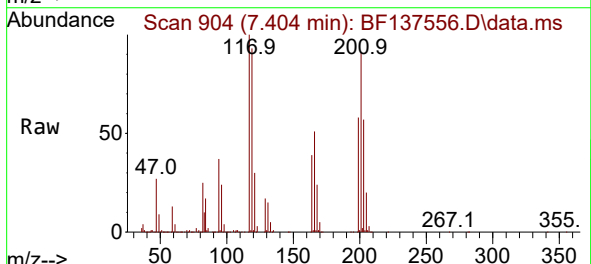
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

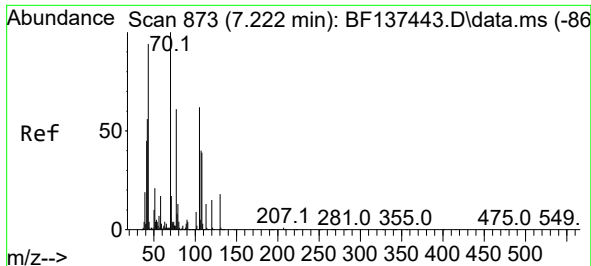
Tgt Ion:107 Resp: 589477
Ion Ratio Lower Upper
107 100
108 116.0 92.2 138.4
77 53.0 38.6 57.8
79 51.0 38.8 58.2



#18
Hexachloroethane
Concen: 45.531 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:117 Resp: 254749
Ion Ratio Lower Upper
117 100
119 93.1 77.5 116.3
201 91.5 80.6 121.0

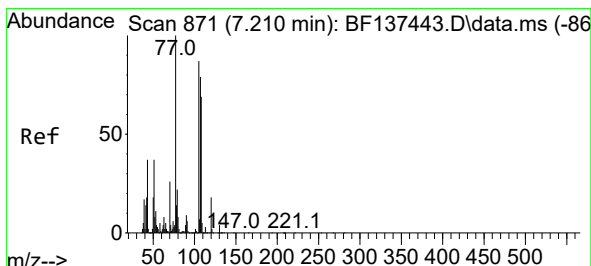
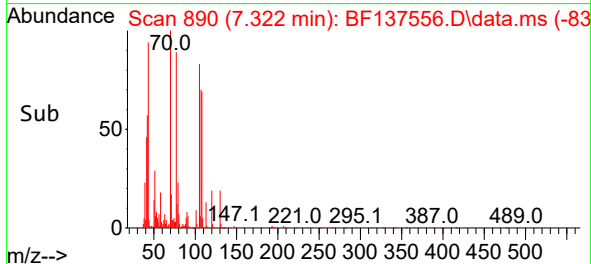
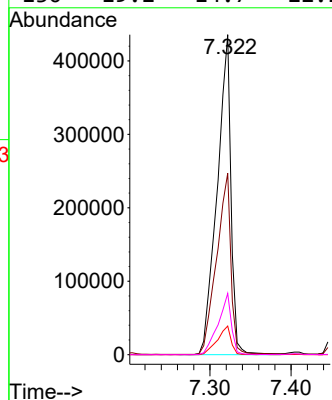
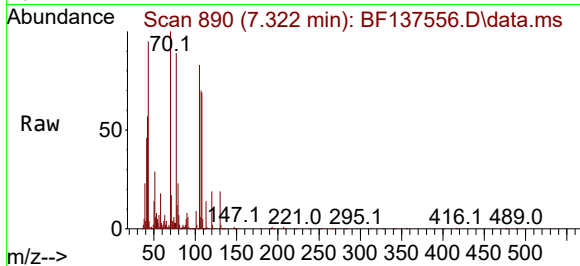




#19
n-Nitroso-di-n-propylamine
Concen: 39.392 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

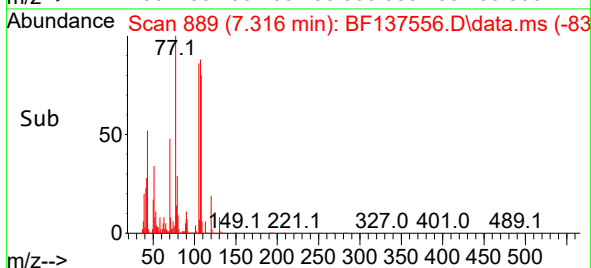
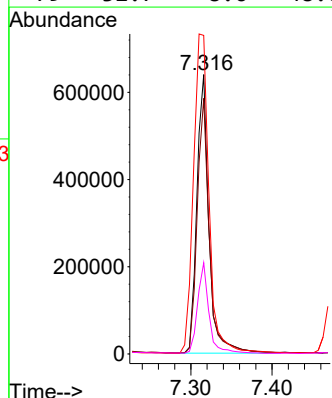
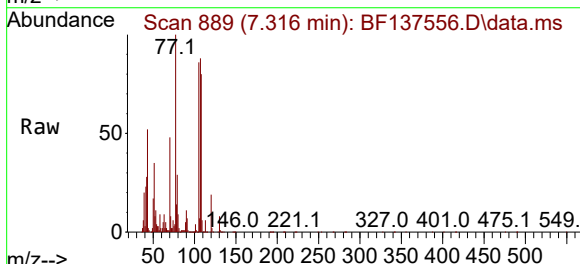
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

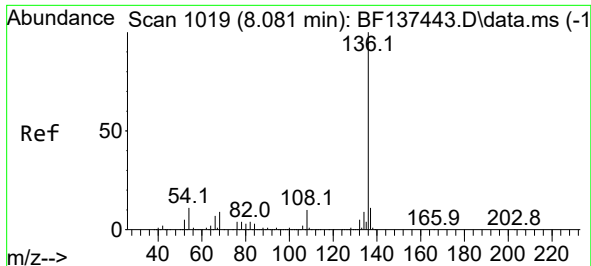
Tgt Ion:	70	Resp:	517394
Ion	Ratio	Lower	Upper
70	100		
42	56.7	45.2	67.8
101	8.9	7.3	10.9
130	19.2	14.7	22.1



#20
3+4-Methylphenols
Concen: 40.051 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

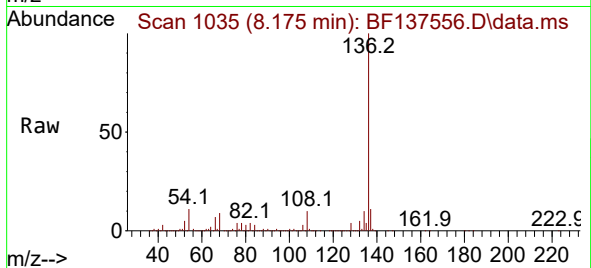
Tgt Ion:	107	Resp:	667091
Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.6	107.6
77	114.1	107.1	147.1
79	32.7	8.6	48.6



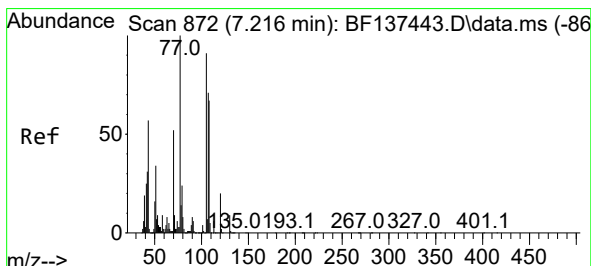
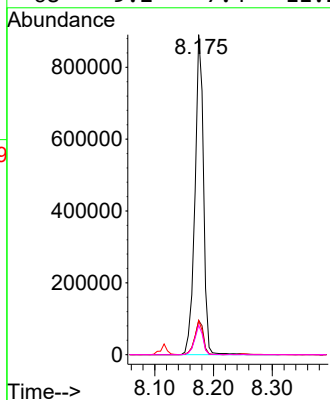
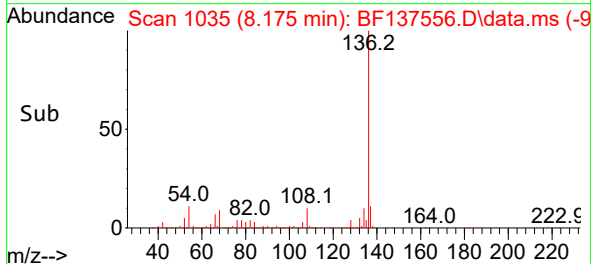


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

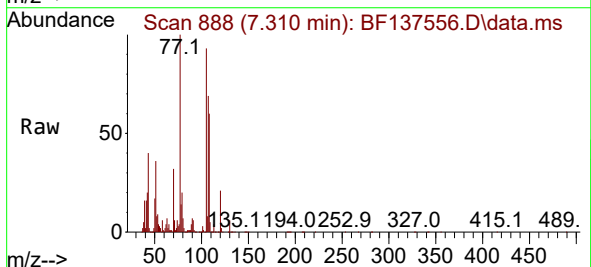
Instrument :
BNA_F
ClientSampleId :
PB159519BSD



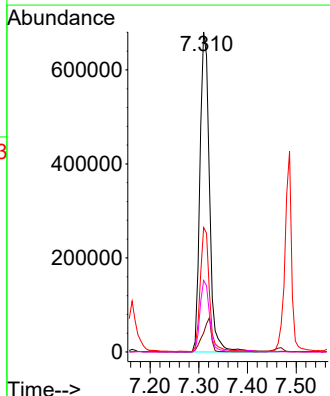
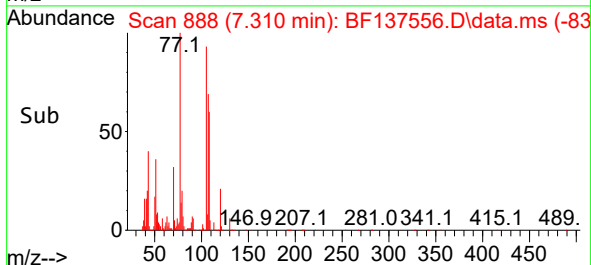
Tgt Ion:136 Resp: 899300
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 10.7 8.5 12.7
68 9.2 7.4 11.2

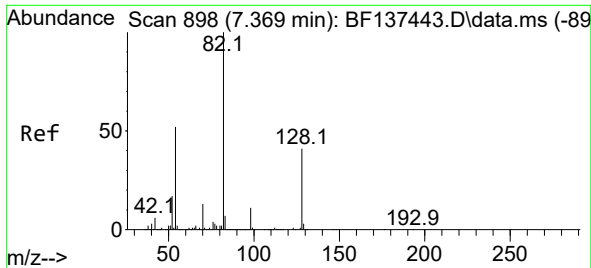


#22
Acetophenone
Concen: 42.785 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43



Tgt Ion:105 Resp: 930952
Ion Ratio Lower Upper
105 100
71 6.0 7.7 11.5#
51 38.9 30.4 45.6
120 22.3 17.4 26.0





#23

Nitrobenzene-d5

Concen: 78.637 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

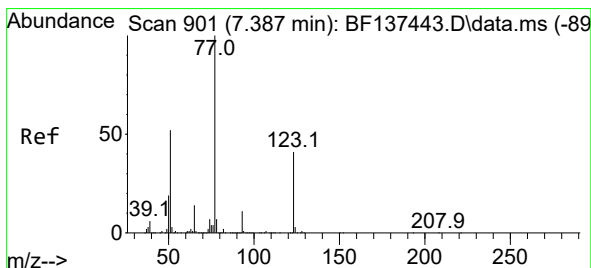
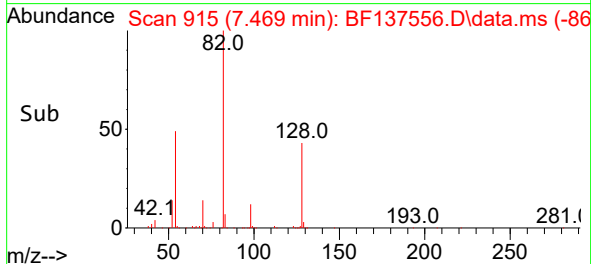
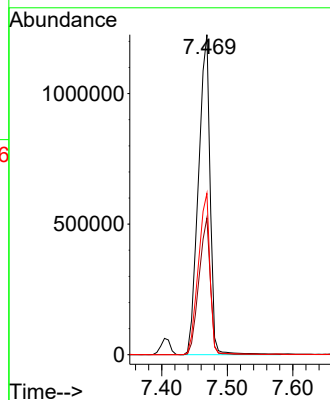
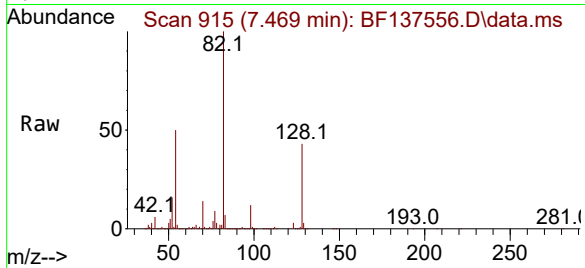
Tgt Ion: 82 Resp: 1521991

Ion Ratio Lower Upper

82 100

128 42.7 32.5 48.7

54 50.4 41.5 62.3



#24

Nitrobenzene

Concen: 41.242 ng

RT: 7.486 min Scan# 918

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

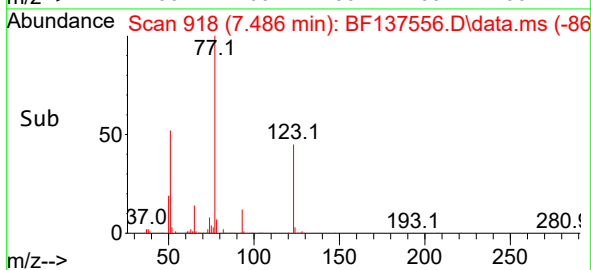
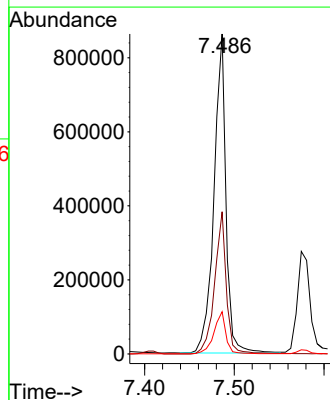
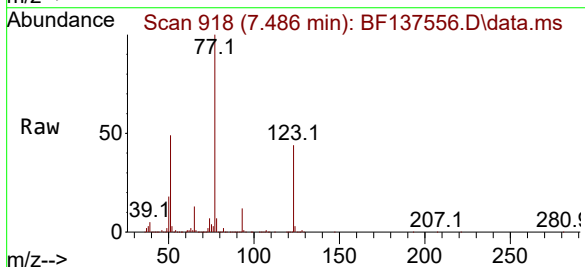
Tgt Ion: 77 Resp: 801859

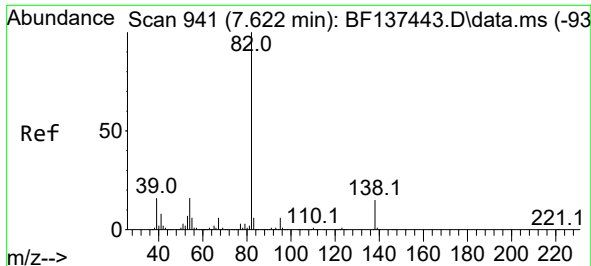
Ion Ratio Lower Upper

77 100

123 44.5 33.0 49.6

65 13.2 10.9 16.3

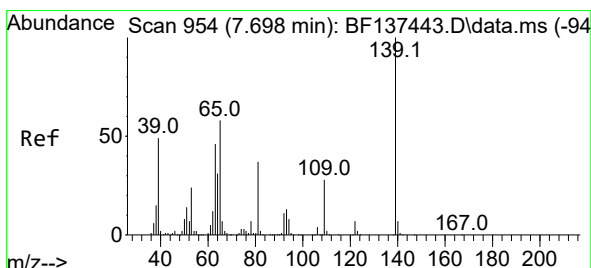
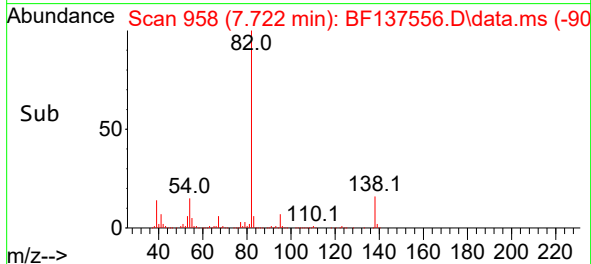
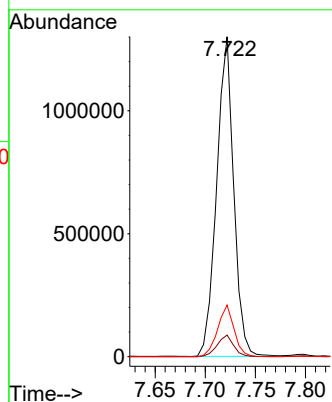
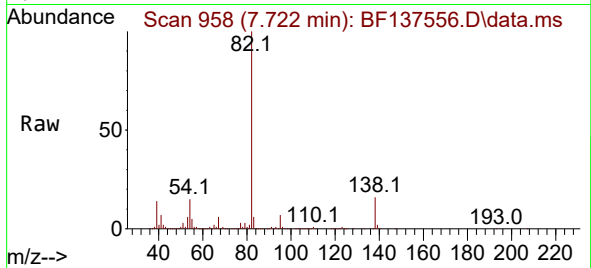




#25
Isophorone
Concen: 41.853 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

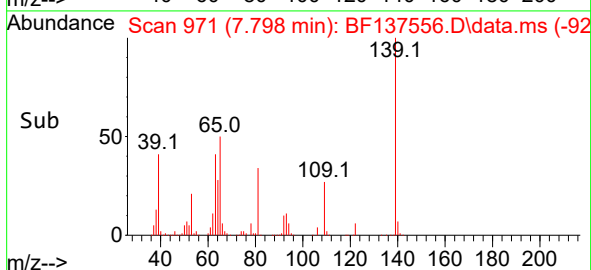
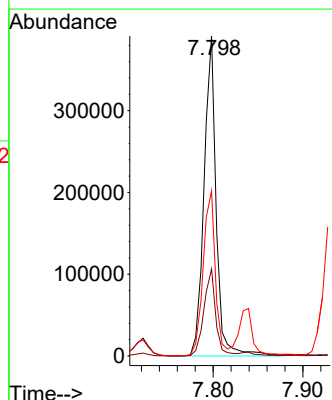
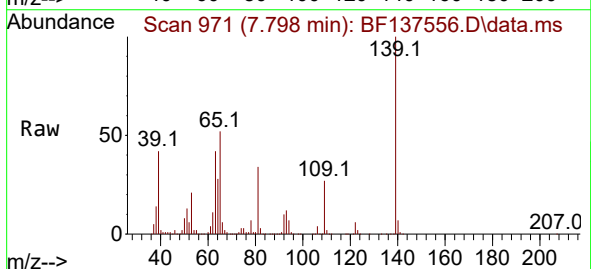
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

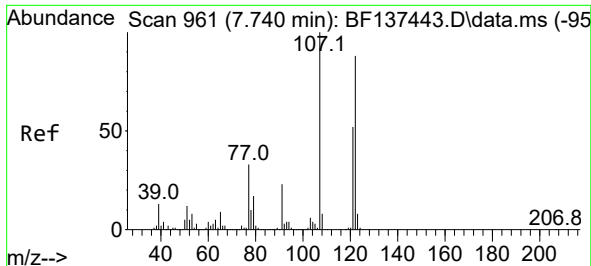
Tgt Ion: 82 Resp: 1538958
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 16.1 11.8 17.8



#26
2-Nitrophenol
Concen: 47.747 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

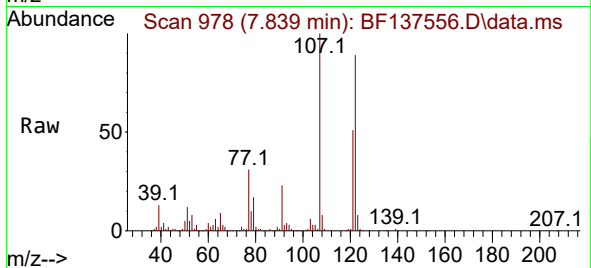
Tgt Ion: 139 Resp: 368566
Ion Ratio Lower Upper
139 100
109 27.2 22.2 33.4
65 51.6 46.2 69.2



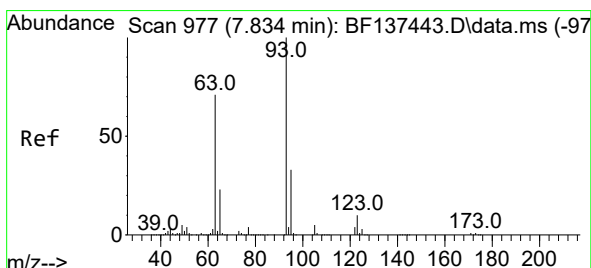
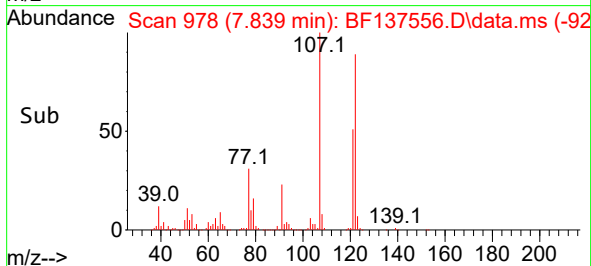
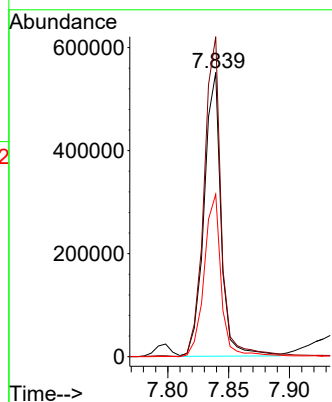


#27
2,4-Dimethylphenol
Concen: 37.197 ng
RT: 7.839 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Instrument :
BNA_F
ClientSampleId :
PB159519BSD

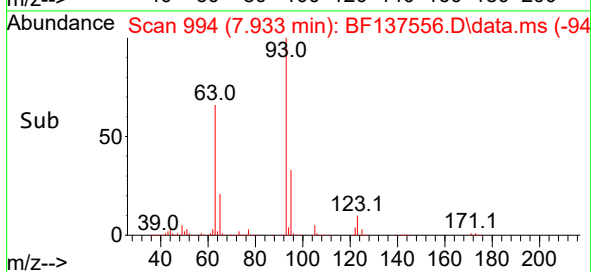
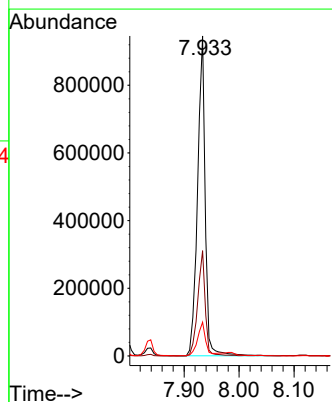
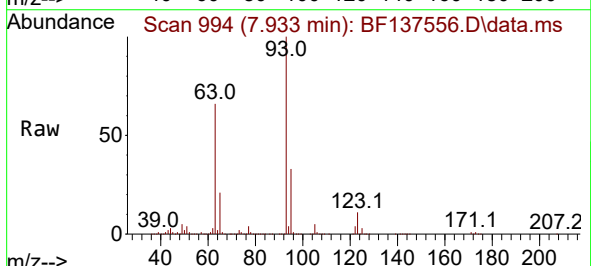


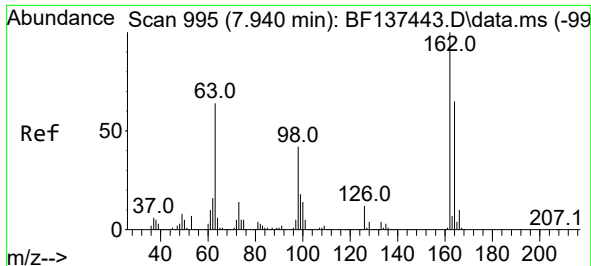
Tgt Ion:122 Resp: 536510
Ion Ratio Lower Upper
122 100
107 112.6 90.9 136.3
121 57.1 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.619 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion: 93 Resp: 919485
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 10.5 8.0 12.0

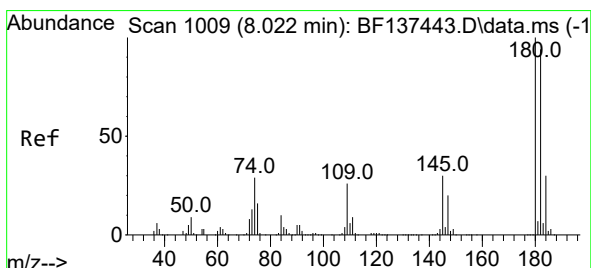
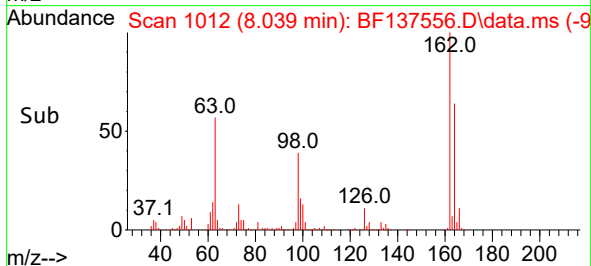
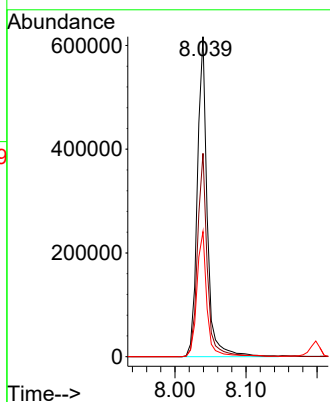
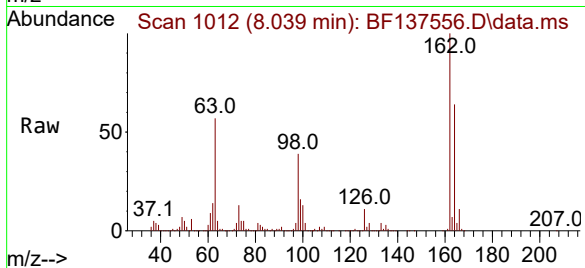




#29
2,4-Dichlorophenol
Concen: 45.197 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

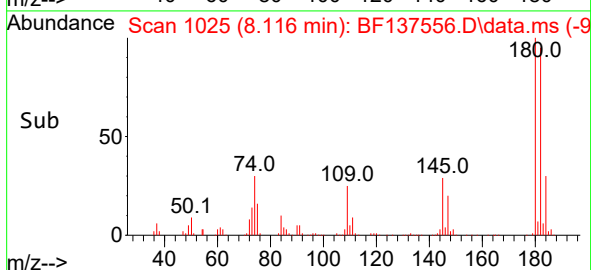
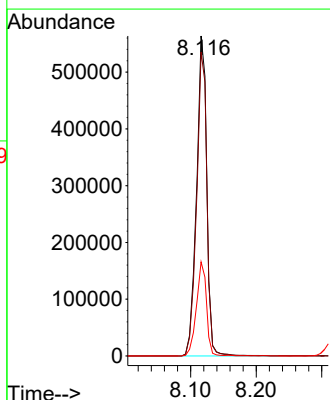
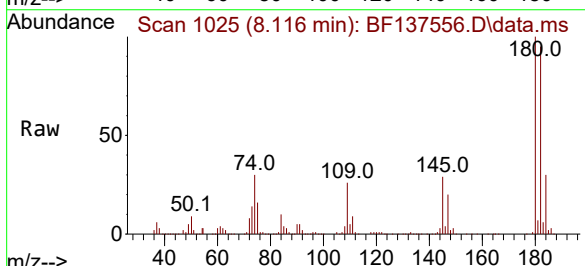
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

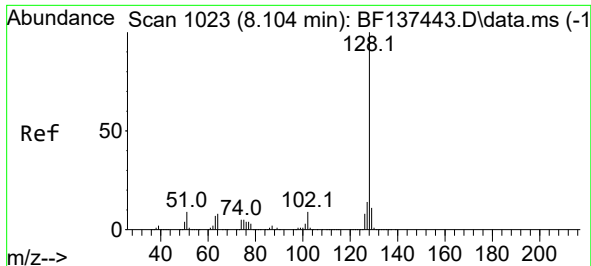
Tgt Ion:162 Resp: 598289
Ion Ratio Lower Upper
162 100
164 63.6 44.7 84.7
98 39.1 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 44.075 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:180 Resp: 613974
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.6
145 29.4 23.7 35.5





#31

Naphthalene

Concen: 41.285 ng

RT: 8.198 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

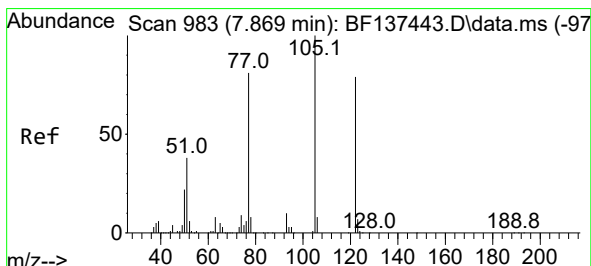
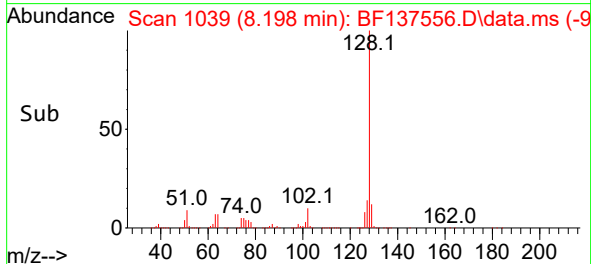
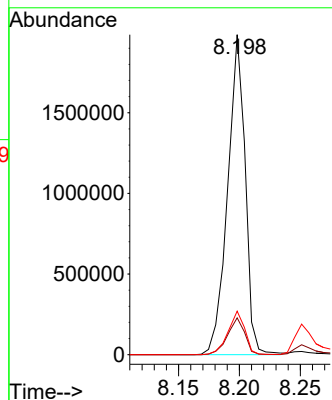
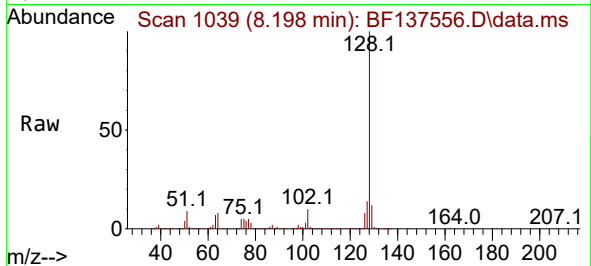
Tgt Ion:128 Resp: 1992011

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 46.546 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.006 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

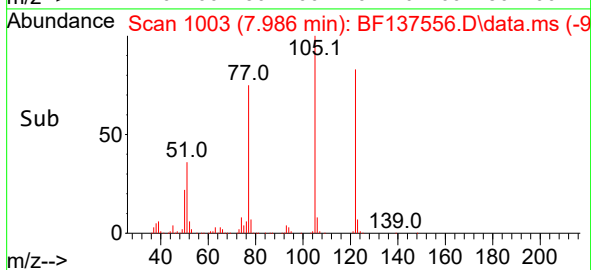
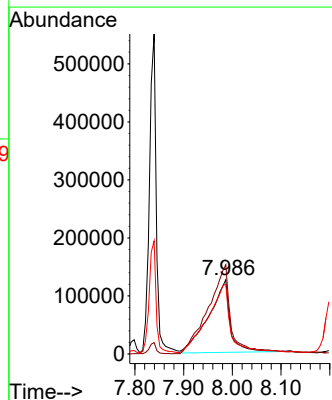
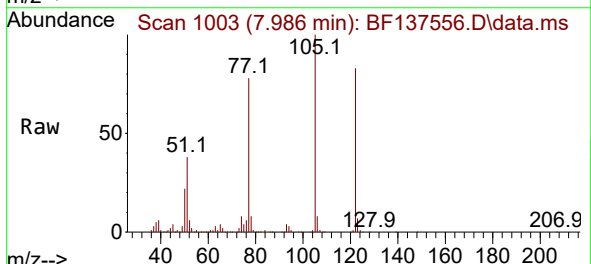
Tgt Ion:122 Resp: 384796

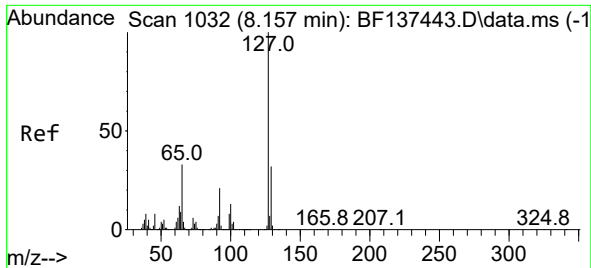
Ion Ratio Lower Upper

122 100

105 120.1 102.4 142.4

77 93.9 81.1 121.1

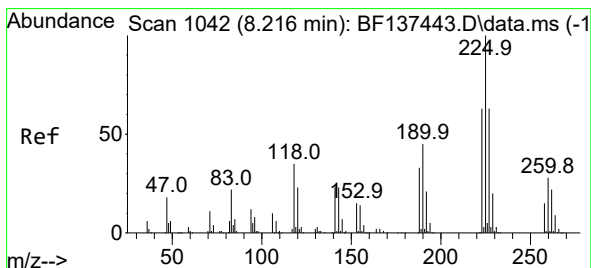
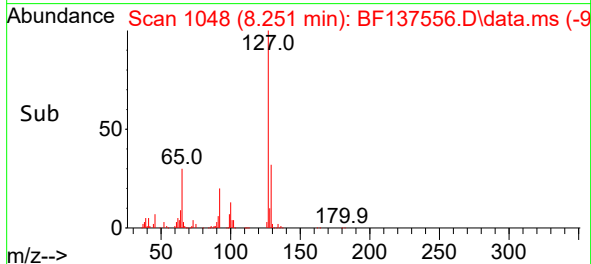
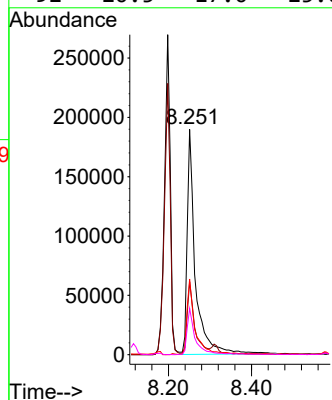
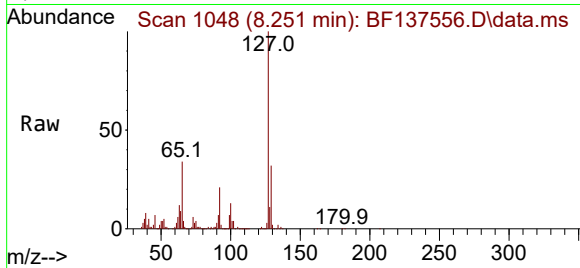




#33
4-Chloroaniline
Concen: 13.709 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

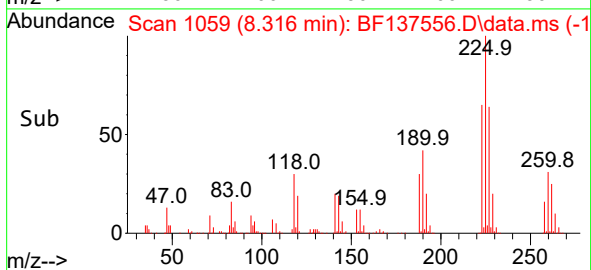
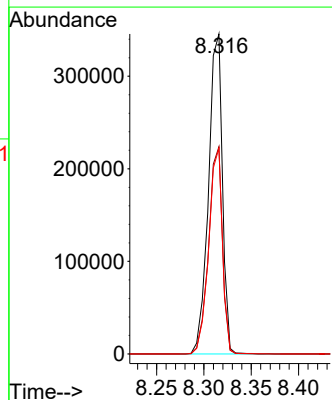
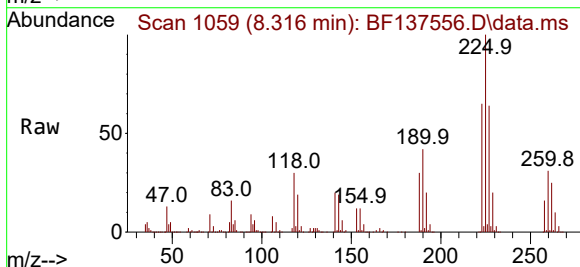
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

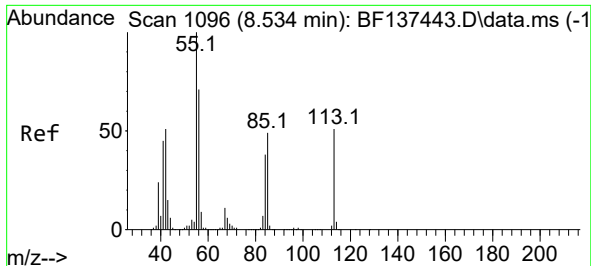
Tgt Ion:	127	Resp:	259370
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	33.6	26.8	40.2
92	20.5	17.0	25.6



#34
Hexachlorobutadiene
Concen: 42.918 ng
RT: 8.316 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

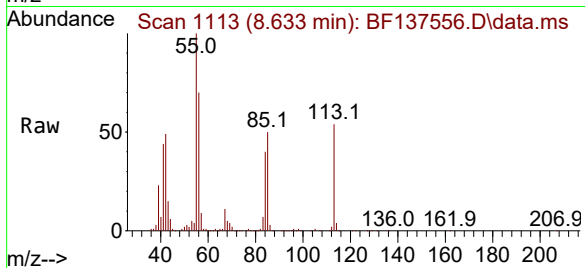
Tgt Ion:	225	Resp:	352962
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.7	76.1
227	64.3	50.6	75.8



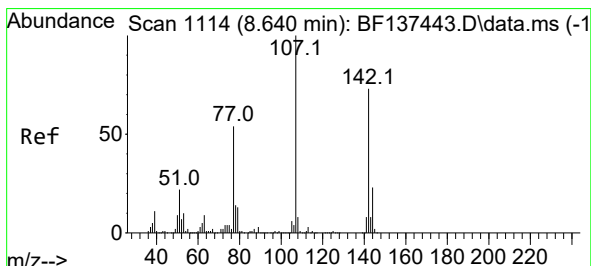
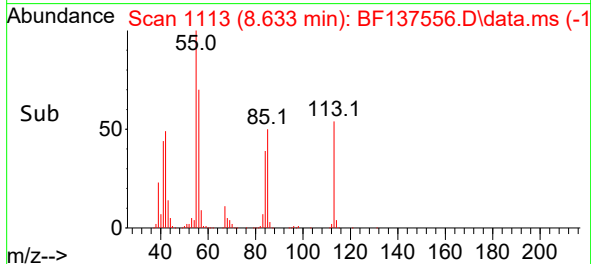
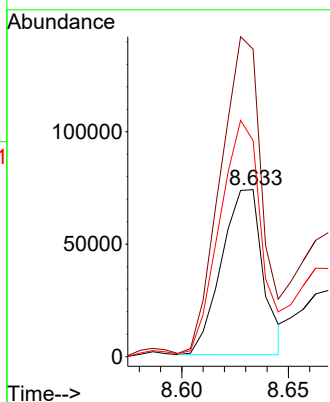


#35
Caprolactam
Concen: 22.158 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Instrument :
BNA_F
ClientSampleId :
PB159519BSD

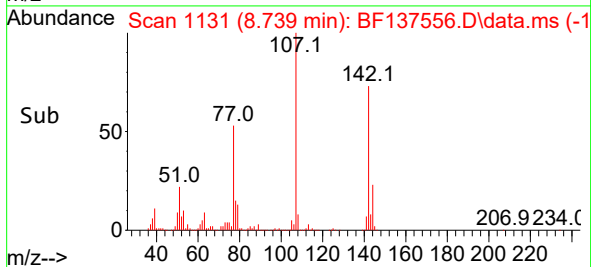
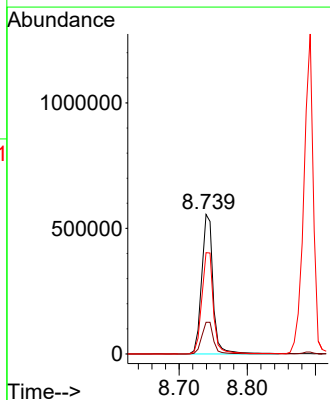
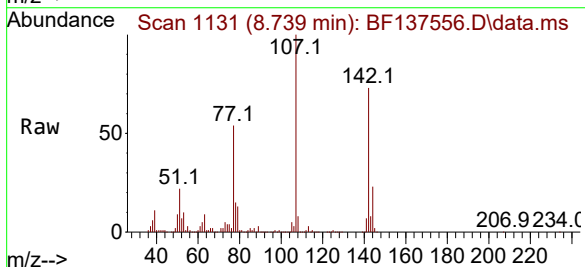


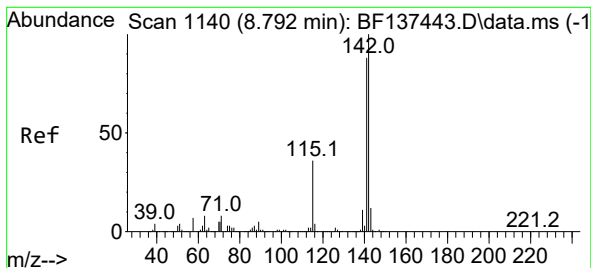
Tgt Ion:113 Resp: 99459
Ion Ratio Lower Upper
113 100
55 184.0 176.7 216.7
56 129.3 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 43.665 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:107 Resp: 646099
Ion Ratio Lower Upper
107 100
144 22.7 18.7 28.1
142 72.5 58.2 87.2





#37

2-Methylnaphthalene

Concen: 39.965 ng

RT: 8.892 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

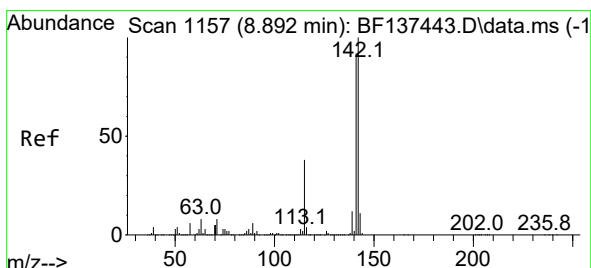
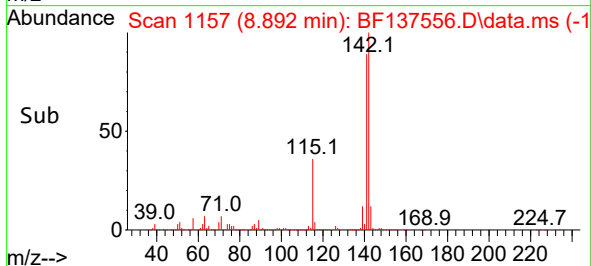
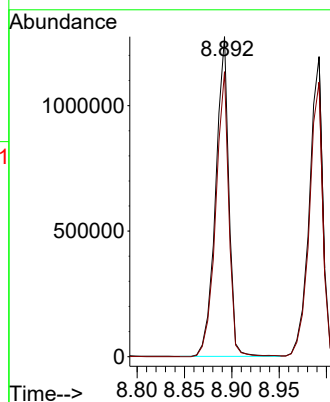
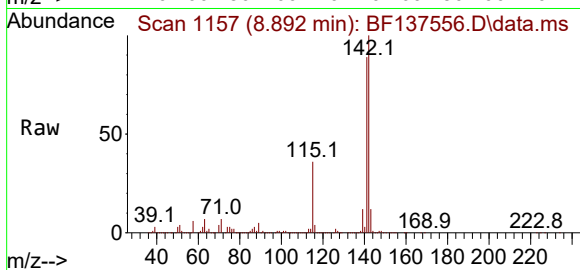
PB159519BSD

Tgt Ion:142 Resp: 1229298

Ion Ratio Lower Upper

142 100

141 89.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 40.603 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF137556.D

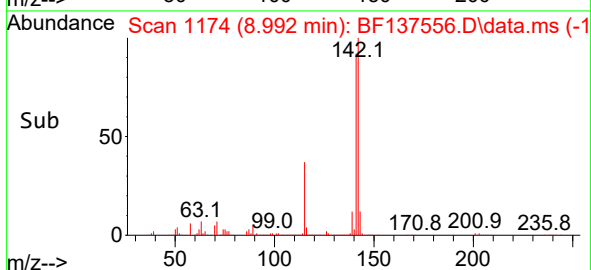
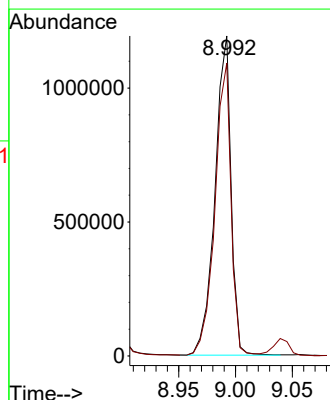
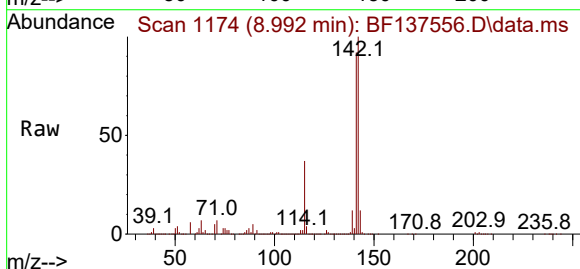
Acq: 11 Mar 2024 14:43

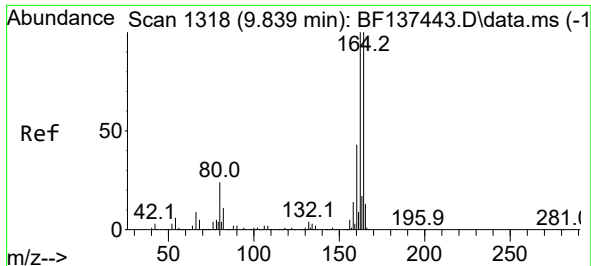
Tgt Ion:142 Resp: 1176167

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

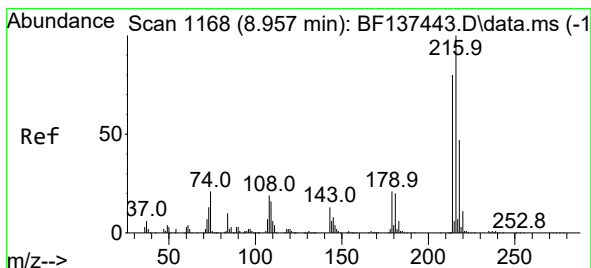
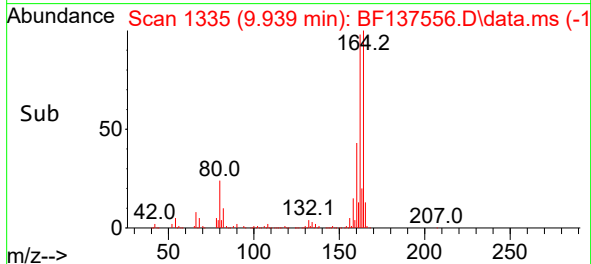
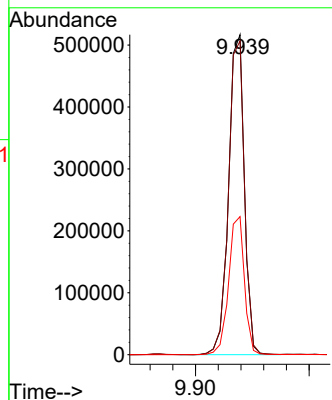
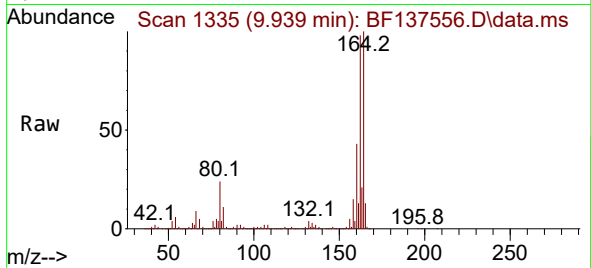




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

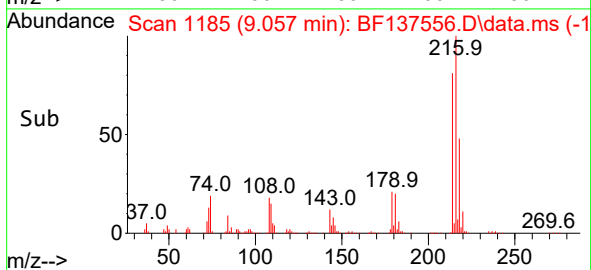
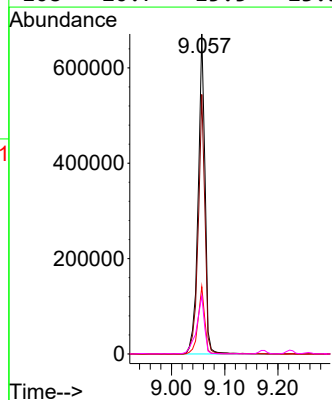
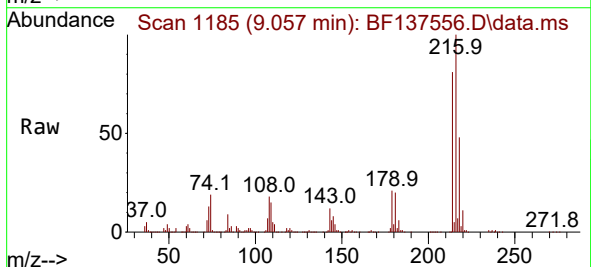
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

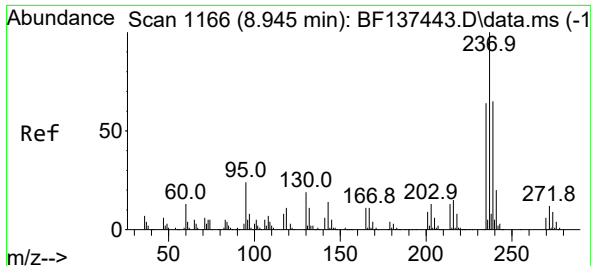
Tgt Ion:164 Resp: 497175
Ion Ratio Lower Upper
164 100
162 98.0 79.8 119.8
160 43.2 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.453 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:216 Resp: 603126
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 20.4 16.6 25.0
108 20.7 15.5 23.3

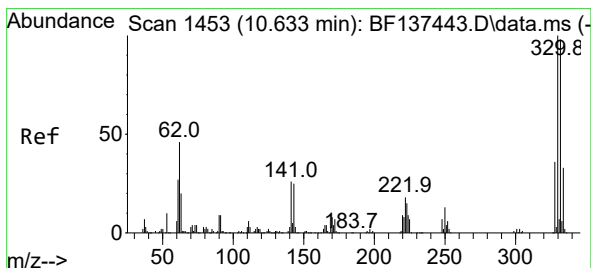
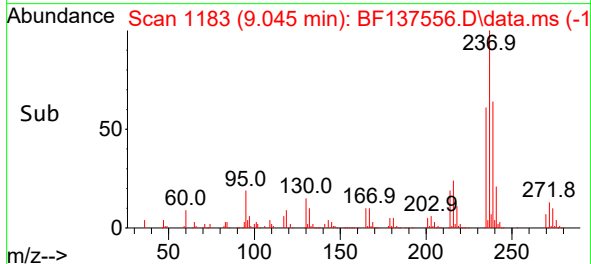
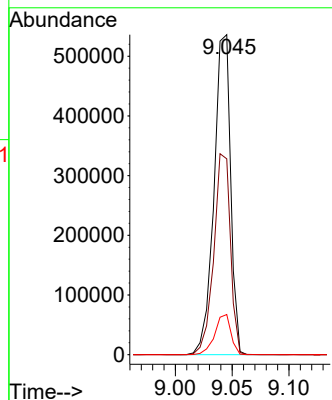
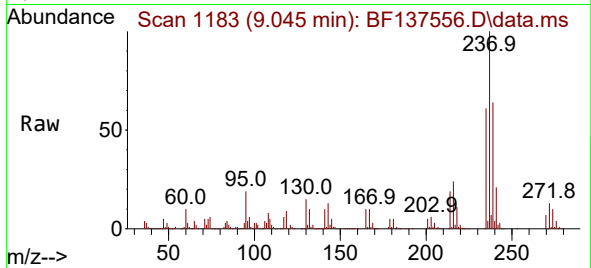




#41
Hexachlorocyclopentadiene
Concen: 94.793 ng
RT: 9.045 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

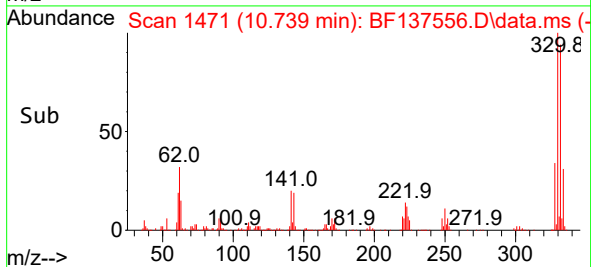
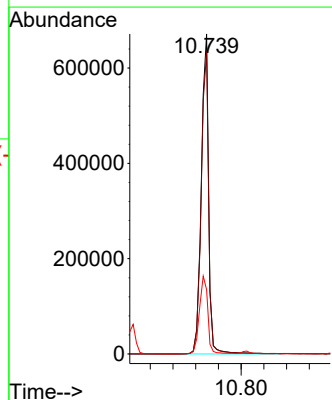
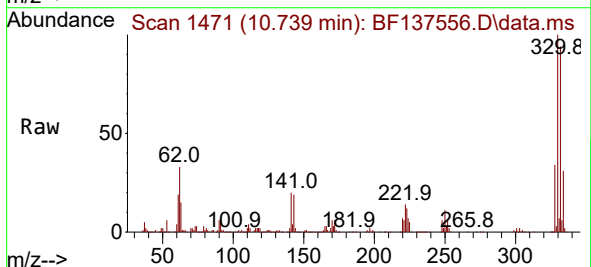
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

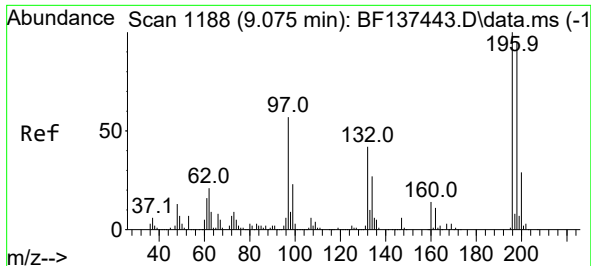
Tgt Ion:237 Resp: 546559
Ion Ratio Lower Upper
237 100
235 61.2 43.6 83.6
272 12.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 138.369 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:330 Resp: 604127
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 27.8 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 46.236 ng

RT: 9.175 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

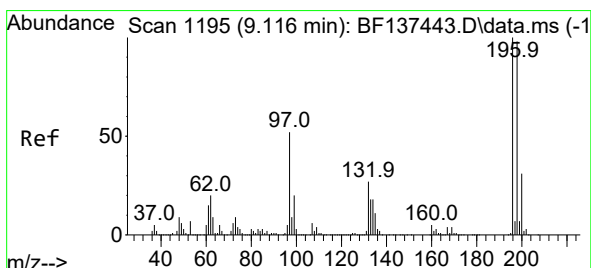
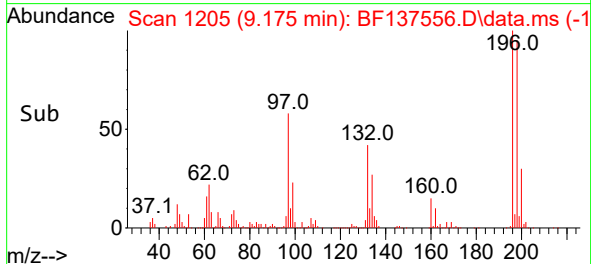
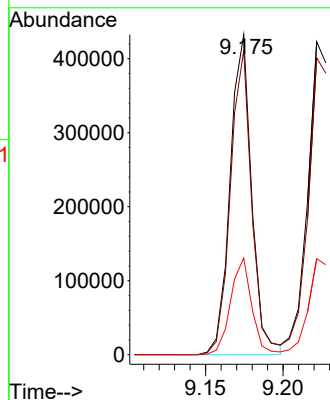
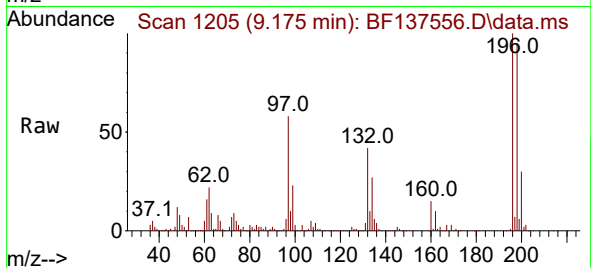
Tgt Ion:196 Resp: 417909

Ion Ratio Lower Upper

196 100

198 95.1 75.8 113.8

200 30.2 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 42.717 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.012 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Tgt Ion:196 Resp: 444773

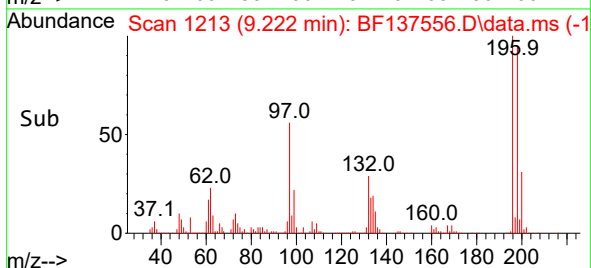
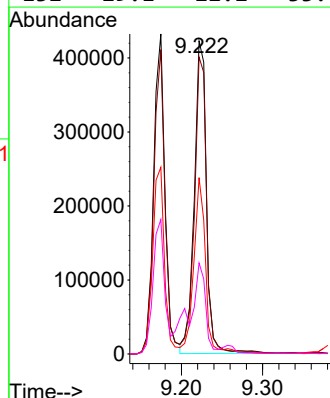
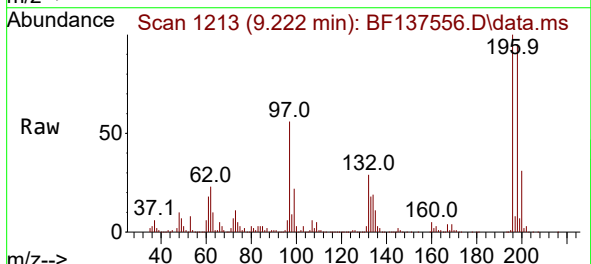
Ion Ratio Lower Upper

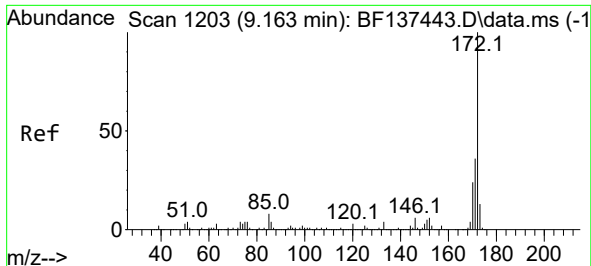
196 100

198 94.8 78.6 117.8

97 56.3 41.8 62.8

132 29.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 77.254 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

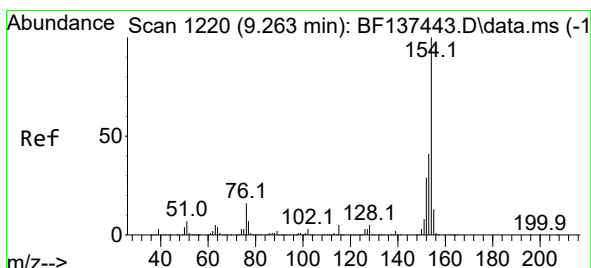
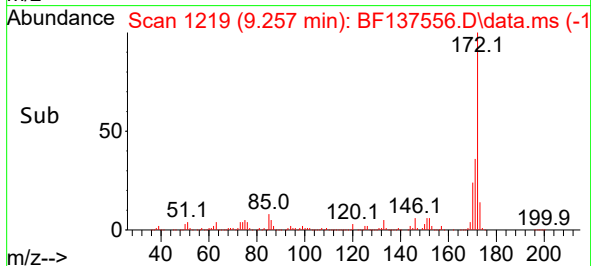
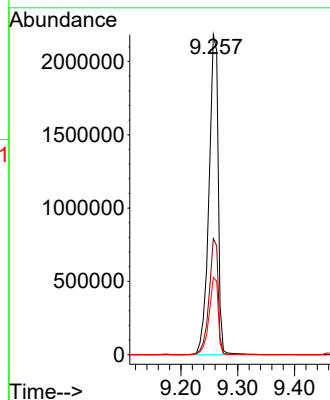
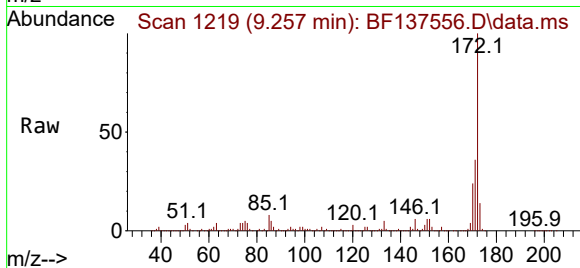
Tgt Ion:172 Resp: 2453662

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 42.199 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

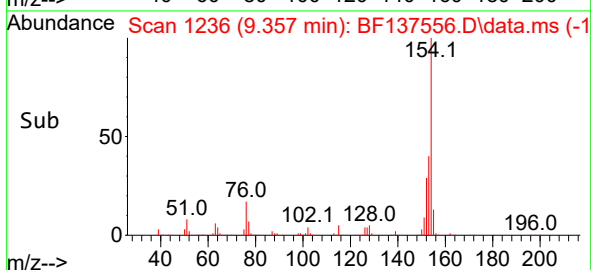
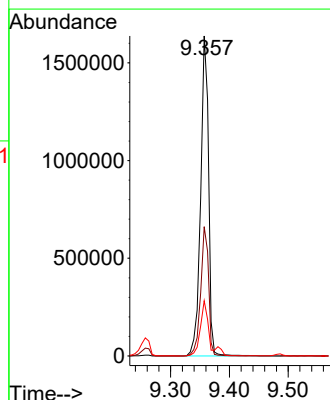
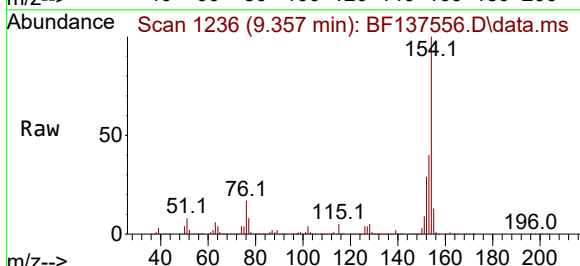
Tgt Ion:154 Resp: 1535561

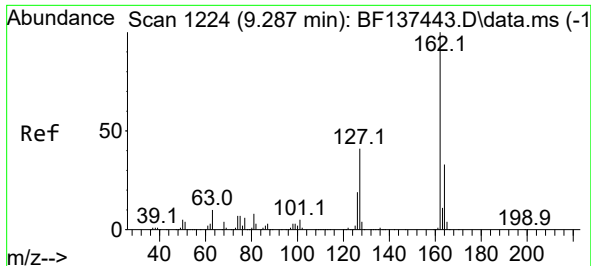
Ion Ratio Lower Upper

154 100

153 40.4 21.0 61.0

76 17.3 0.0 35.8





#47

2-Chloronaphthalene

Concen: 43.681 ng

RT: 9.380 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

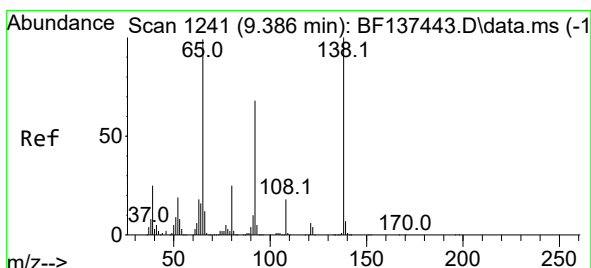
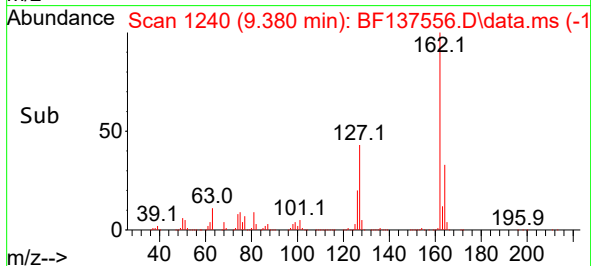
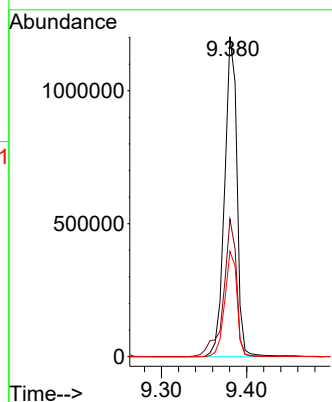
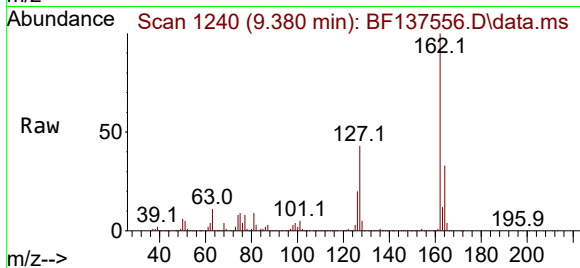
Tgt Ion:162 Resp: 1211871

Ion Ratio Lower Upper

162 100

127 43.0 32.6 49.0

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 45.461 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

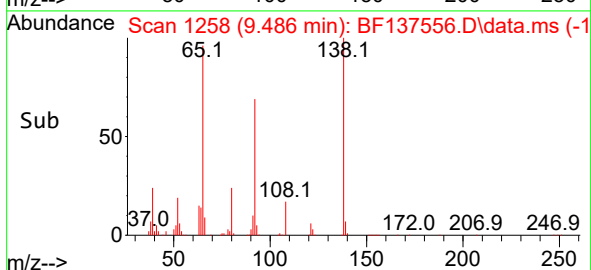
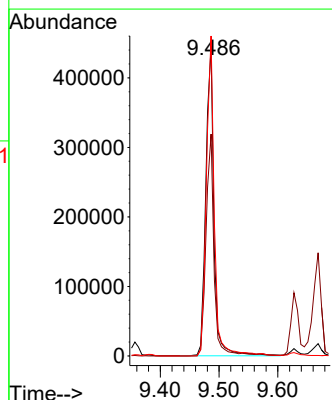
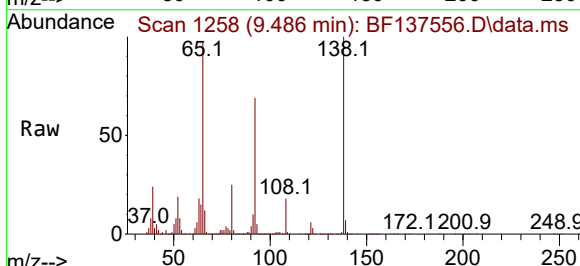
Tgt Ion: 65 Resp: 428686

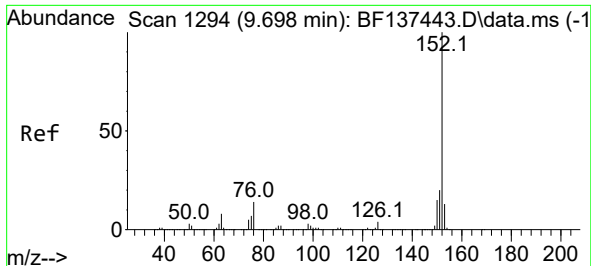
Ion Ratio Lower Upper

65 100

92 71.6 55.4 83.2

138 103.3 81.0 121.6





#49

Acenaphthylene

Concen: 43.017 ng

RT: 9.798 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

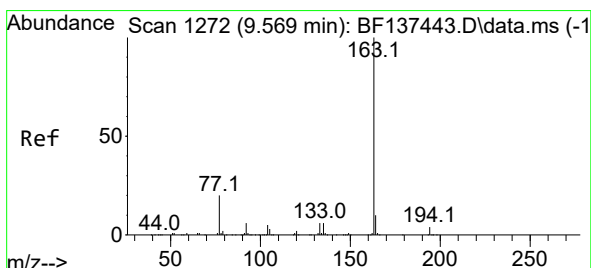
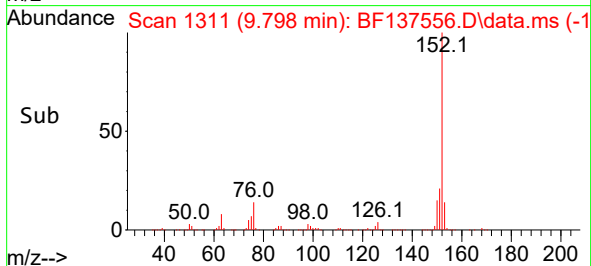
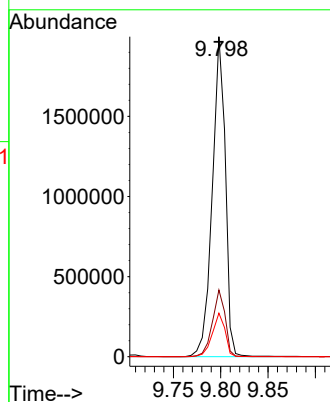
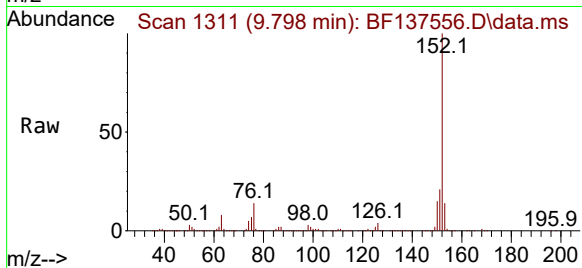
Tgt Ion:152 Resp: 1909895

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 13.6 10.8 16.2



#50

Dimethylphthalate

Concen: 42.876 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

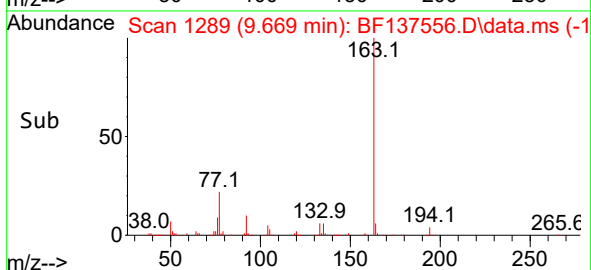
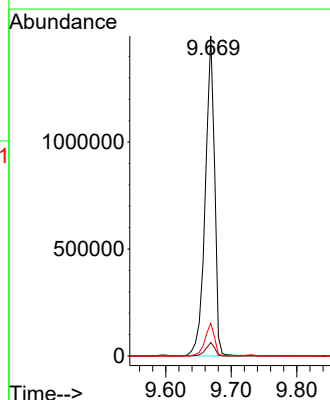
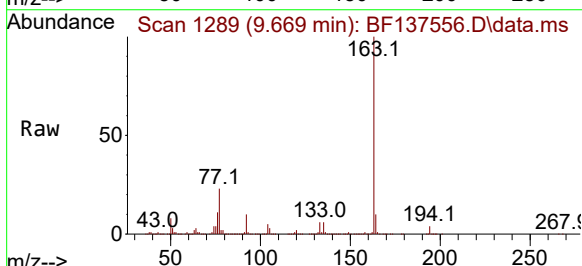
Tgt Ion:163 Resp: 1483910

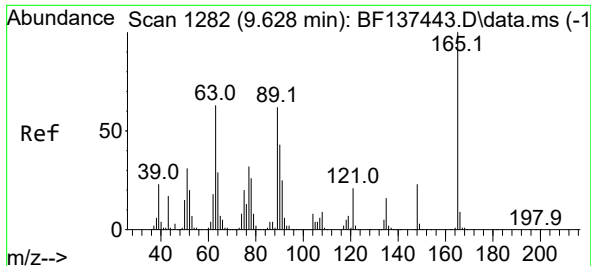
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 8.1 12.1

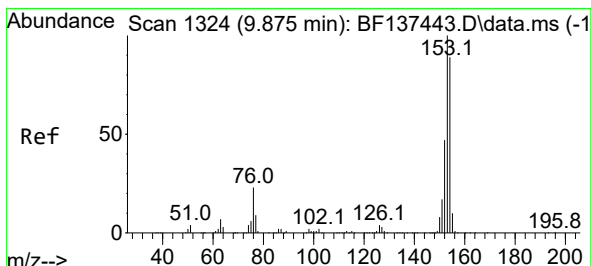
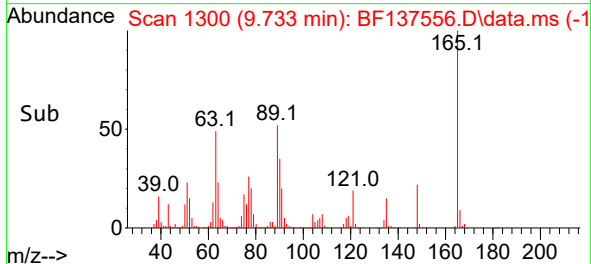
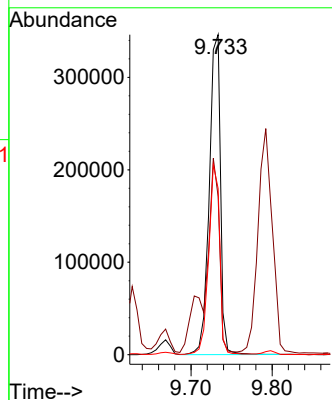
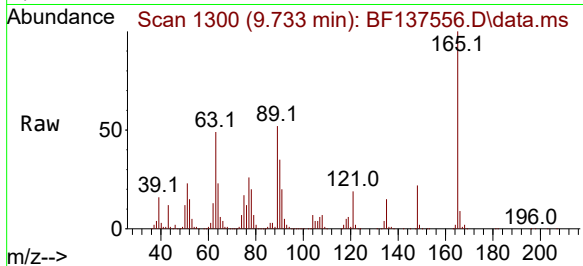




#51
2,6-Dinitrotoluene
Concen: 45.722 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

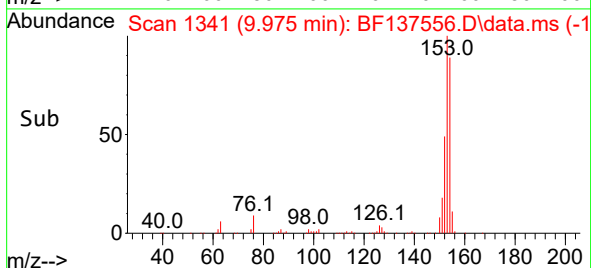
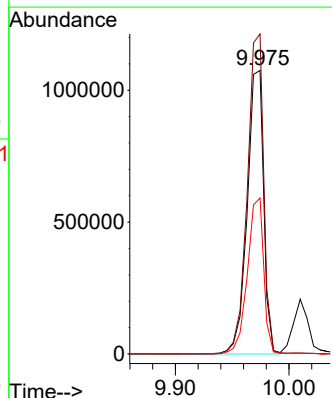
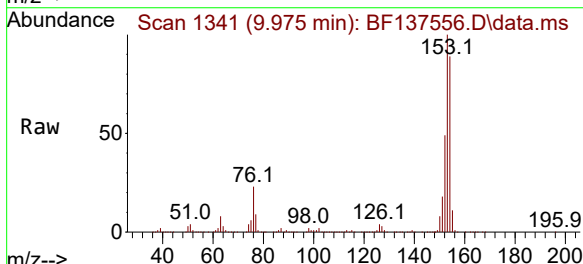
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

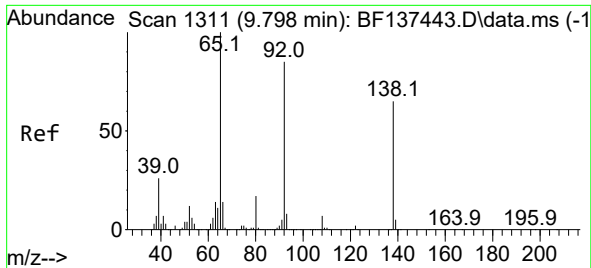
Tgt Ion:165 Resp: 330975
Ion Ratio Lower Upper
165 100
63 49.4 50.7 76.1#
89 52.0 50.0 75.0



#52
Acenaphthene
Concen: 40.977 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:154 Resp: 1086167
Ion Ratio Lower Upper
154 100
153 112.9 90.3 135.5
152 55.0 42.7 64.1

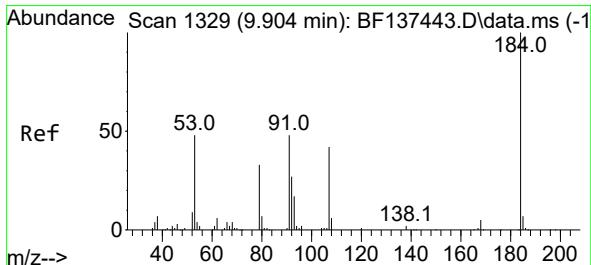
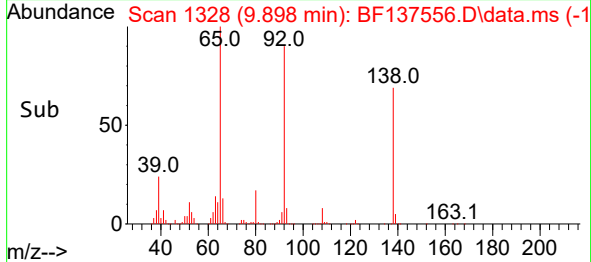
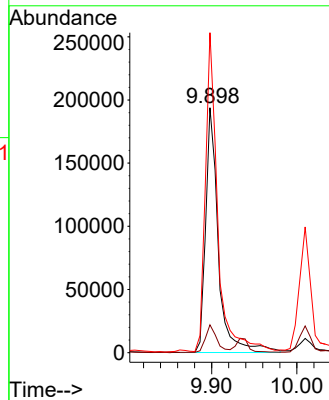
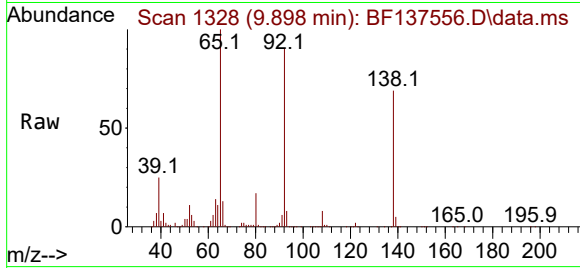




#53
3-Nitroaniline
Concen: 26.197 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

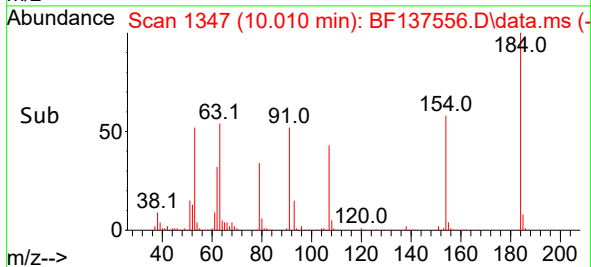
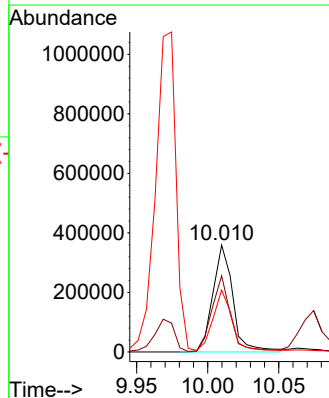
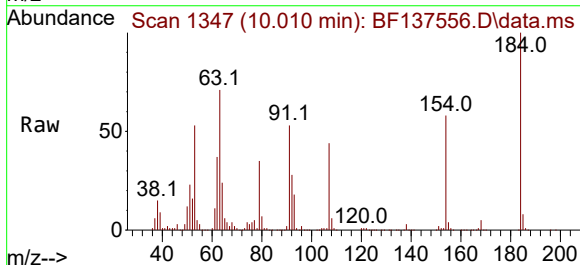
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

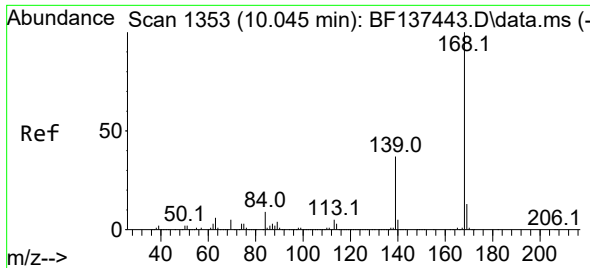
Tgt Ion:138 Resp: 200588
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 130.6 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 97.457 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:184 Resp: 351156
Ion Ratio Lower Upper
184 100
63 71.2 53.3 79.9
154 57.9 47.4 71.0

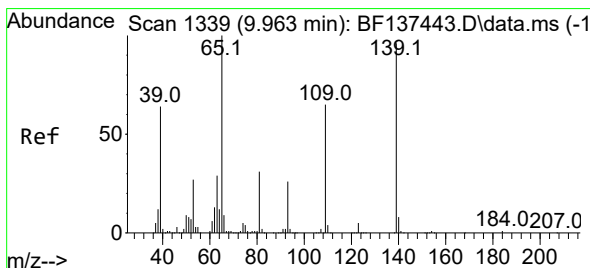
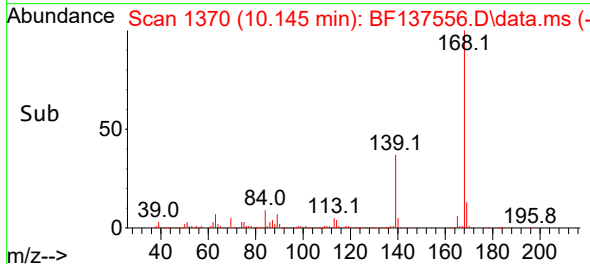
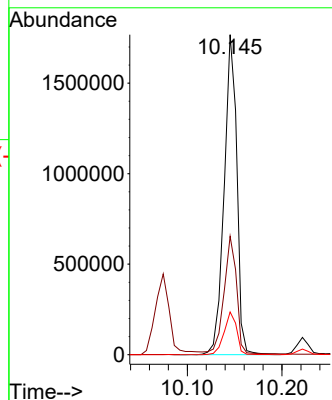
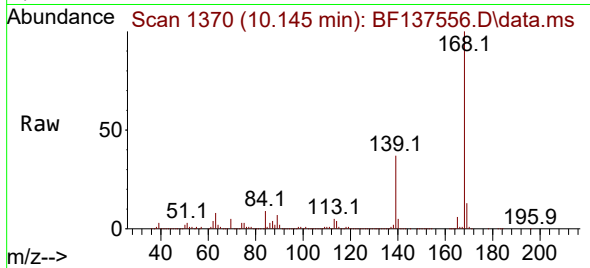




#55
Dibenzofuran
Concen: 40.858 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

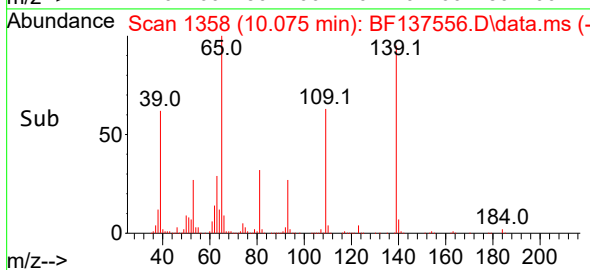
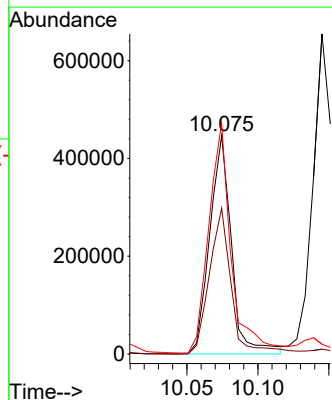
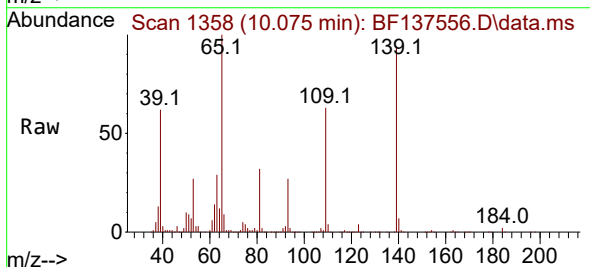
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

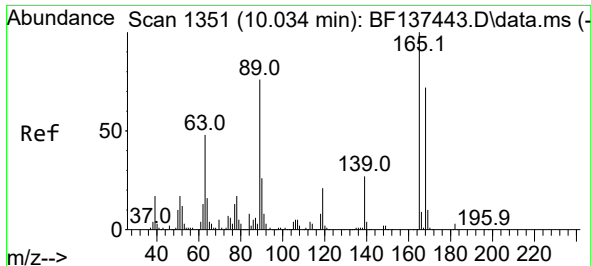
Tgt Ion:168 Resp: 1649493
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 86.702 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:139 Resp: 474493
Ion Ratio Lower Upper
139 100
109 66.8 47.1 87.1
65 105.9 85.1 125.1

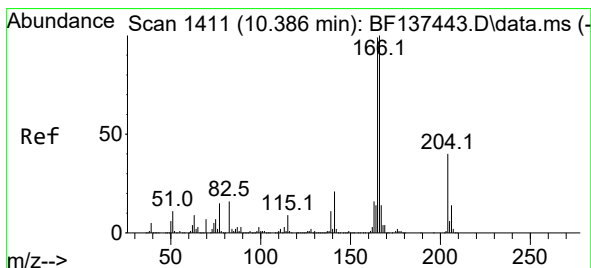
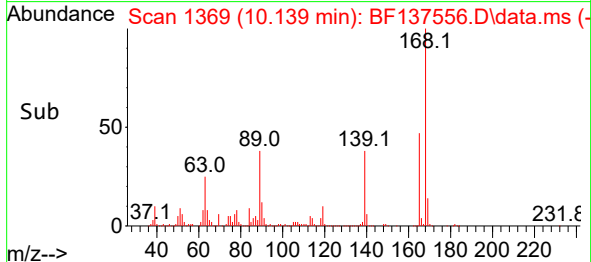
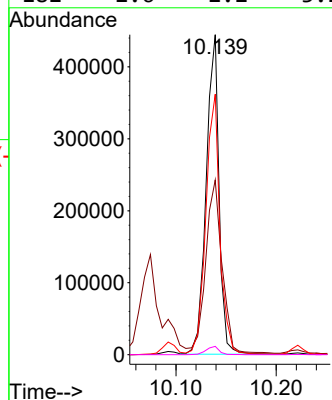
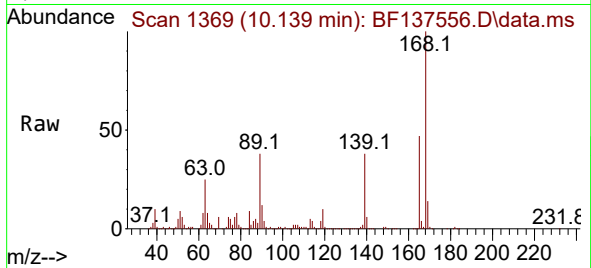




#57
2,4-Dinitrotoluene
Concen: 44.807 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

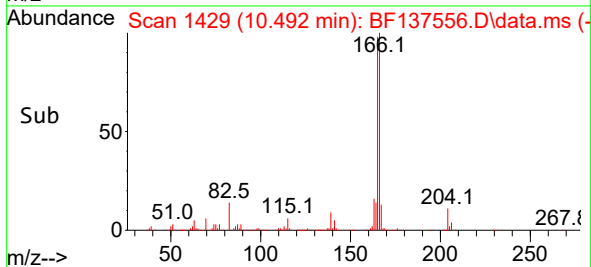
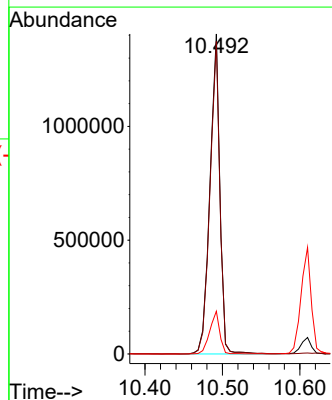
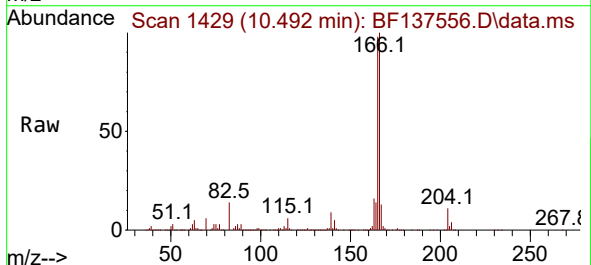
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

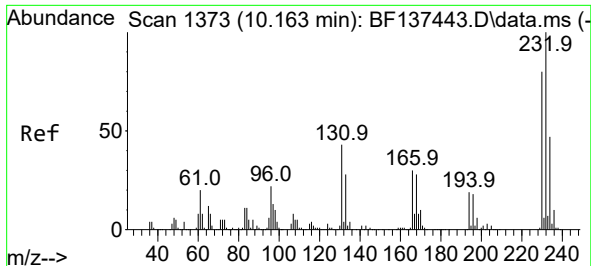
Tgt Ion:165 Resp: 398489
Ion Ratio Lower Upper
165 100
63 54.6 39.0 58.6
89 81.4 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 40.188 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:166 Resp: 1246016
Ion Ratio Lower Upper
166 100
165 97.6 79.2 118.8
167 13.4 11.0 16.6

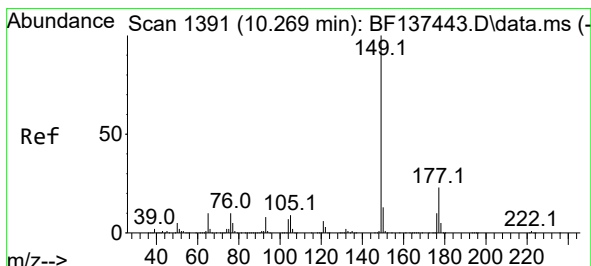
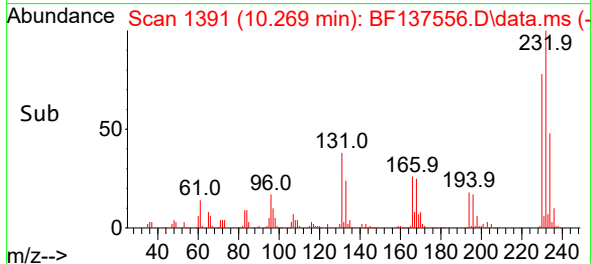
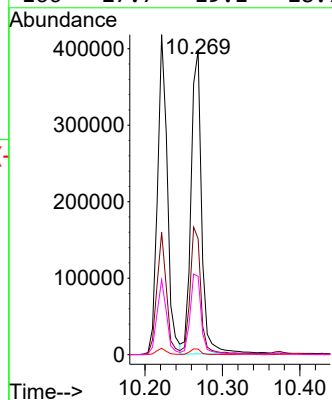
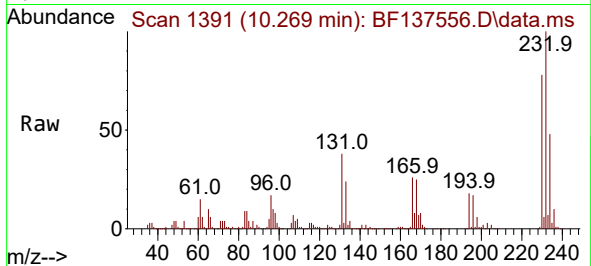




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.274 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

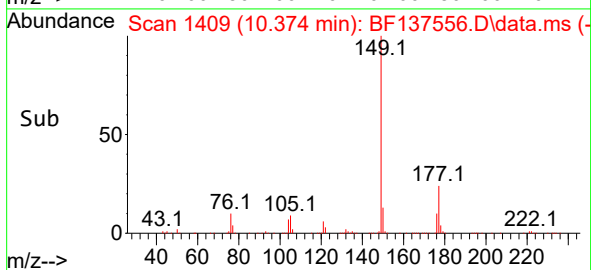
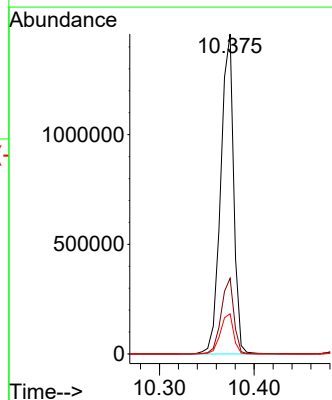
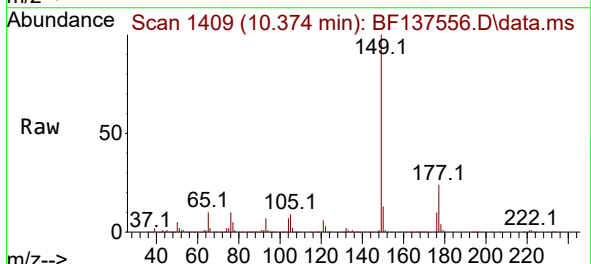
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

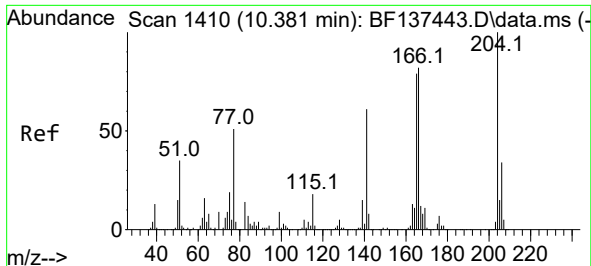
Tgt Ion:232 Resp: 378016
Ion Ratio Lower Upper
232 100
131 42.1 31.2 46.8
130 2.1 1.8 2.6
166 27.7 19.1 28.7



#60
Diethylphthalate
Concen: 42.615 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:149 Resp: 1392773
Ion Ratio Lower Upper
149 100
177 23.7 18.7 28.1
150 12.5 10.2 15.4

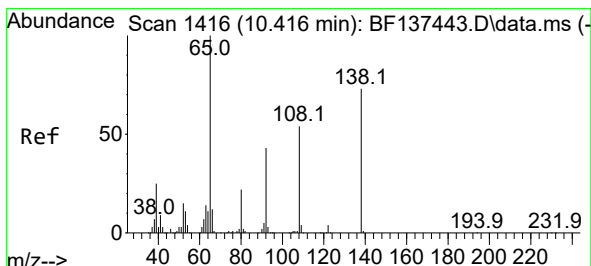
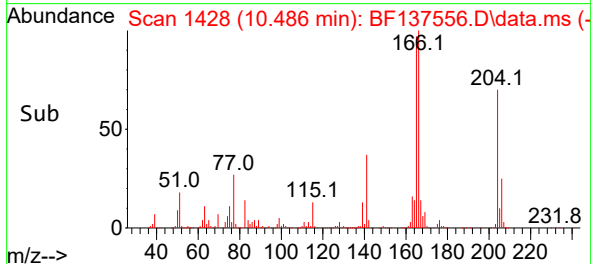
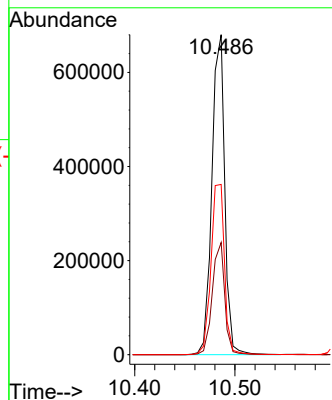
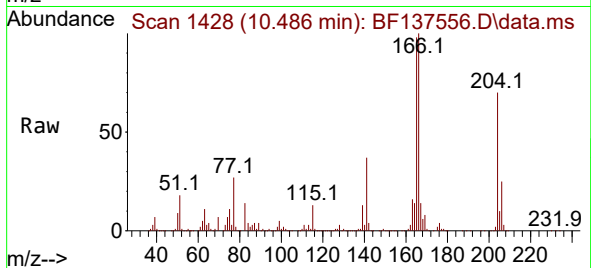




#61
4-Chlorophenyl-phenylether
Concen: 39.984 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

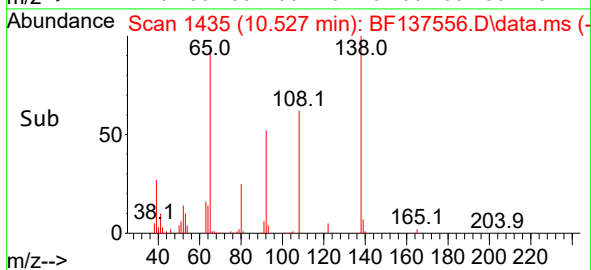
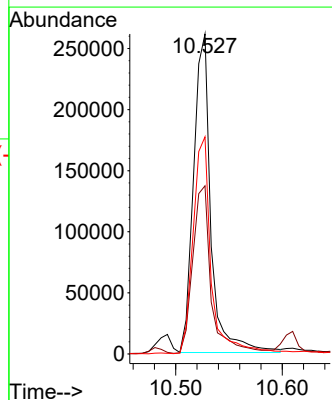
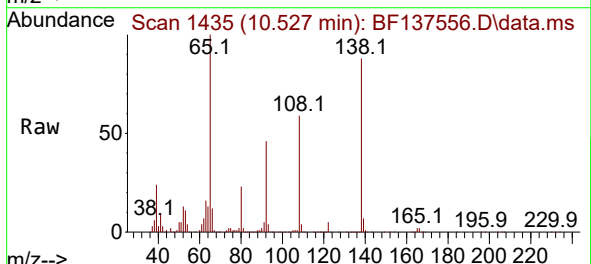
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

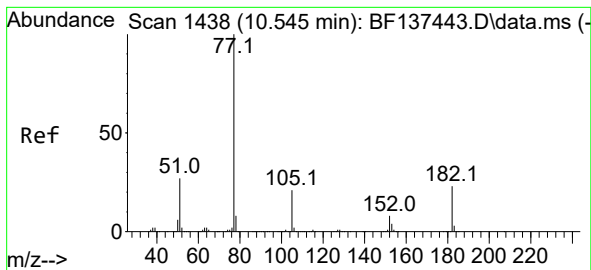
Tgt Ion:204 Resp: 607561
Ion Ratio Lower Upper
204 100
206 35.0 27.4 41.0
141 53.2 48.4 72.6



#62
4-Nitroaniline
Concen: 44.829 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:138 Resp: 295014
Ion Ratio Lower Upper
138 100
92 52.5 37.9 77.9
108 67.8 53.2 93.2





#63

Azobenzene

Concen: 41.576 ng

RT: 10.645 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

Tgt Ion: 77 Resp: 1564659

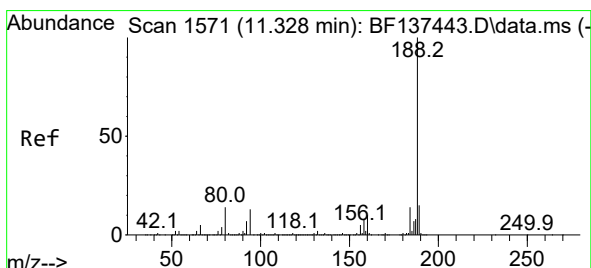
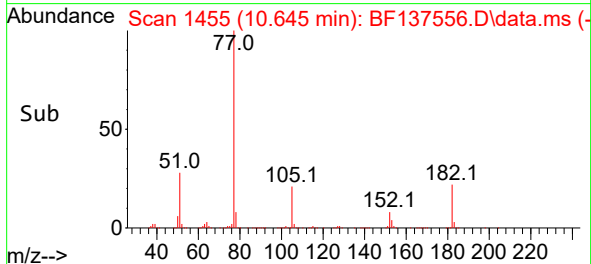
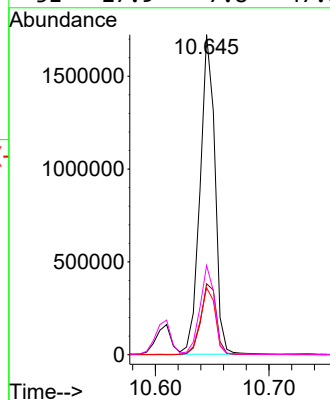
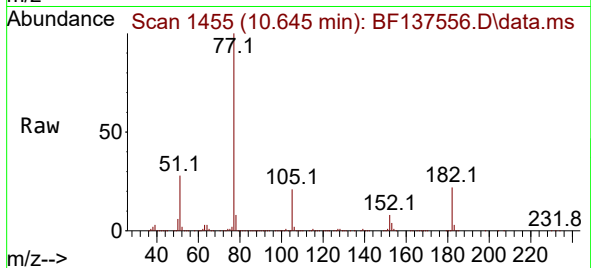
Ion Ratio Lower Upper

77 100

182 22.1 3.2 43.2

105 20.9 1.2 41.2

51 27.9 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

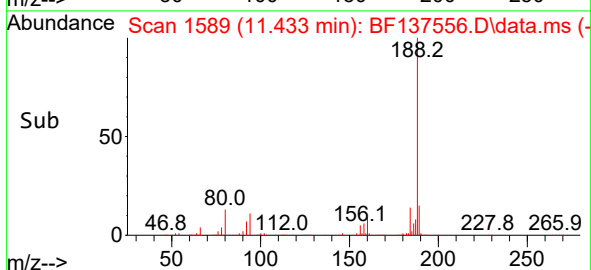
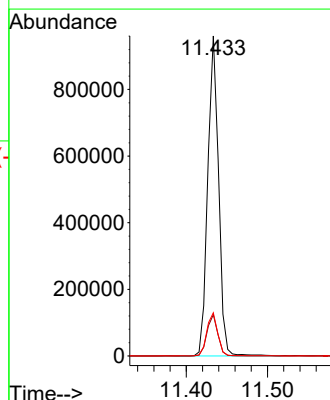
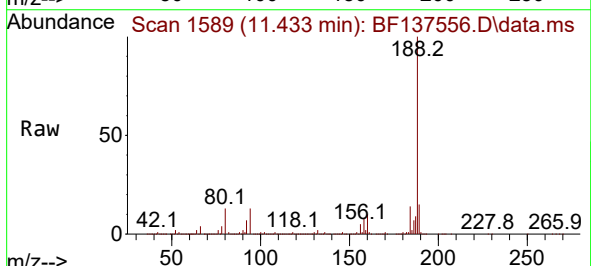
Tgt Ion: 188 Resp: 885571

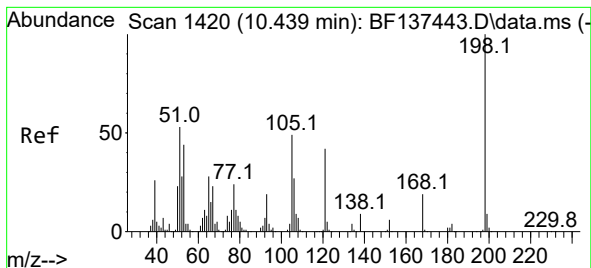
Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 13.5 11.5 17.3

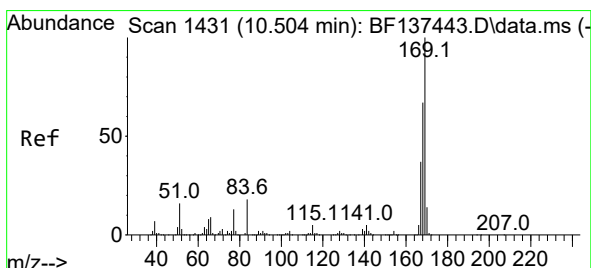
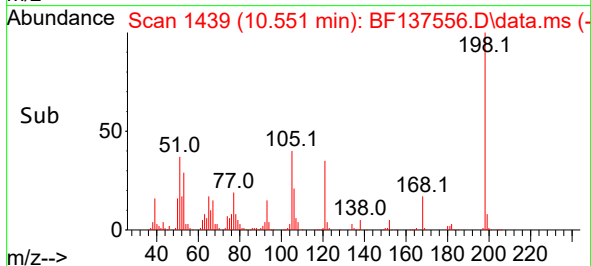
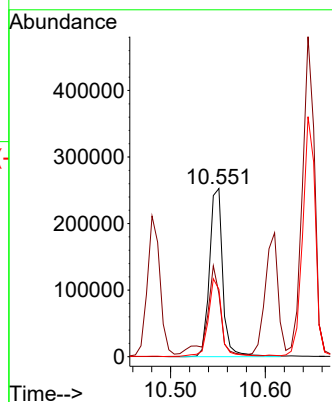
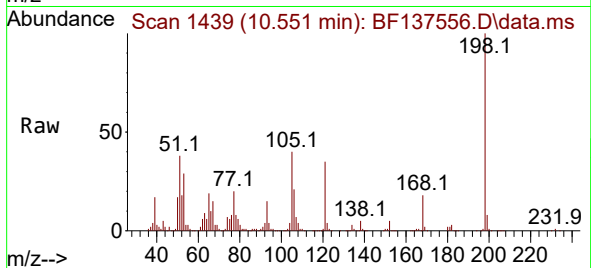




#65
4,6-Dinitro-2-methylphenol
Concen: 49.696 ng
RT: 10.551 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

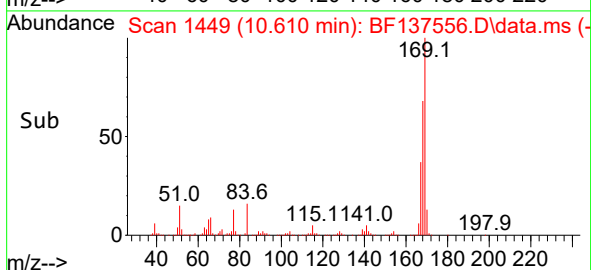
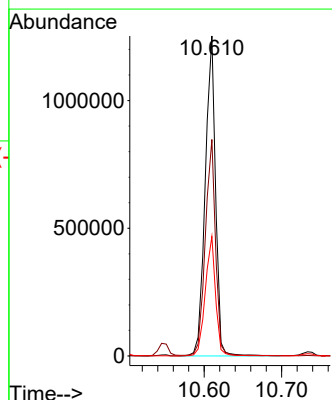
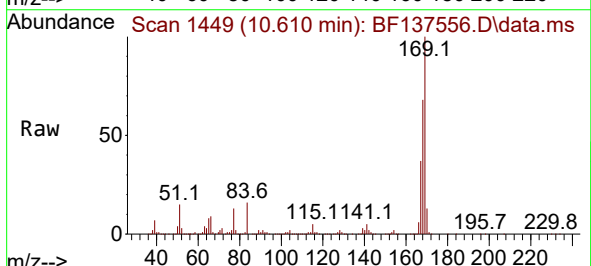
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

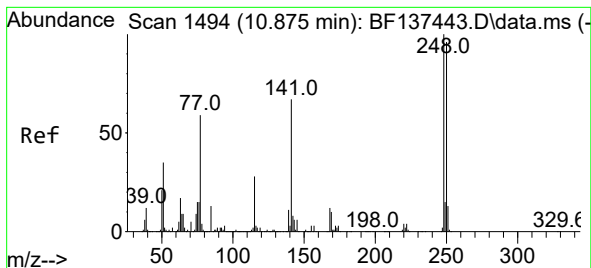
Tgt Ion:198 Resp: 245286
Ion Ratio Lower Upper
198 100
51 37.5 37.2 77.2
105 40.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 40.676 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:169 Resp: 1159947
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.6
167 37.4 29.6 44.4

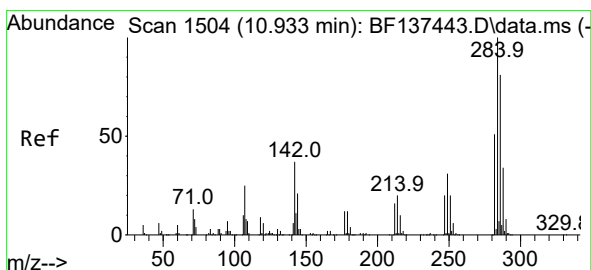
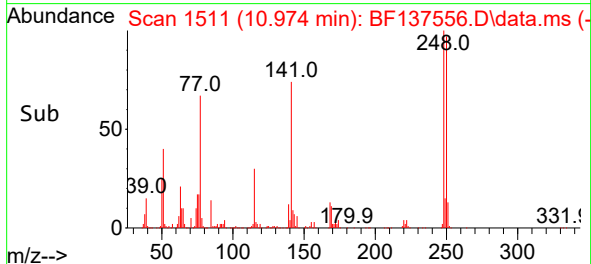
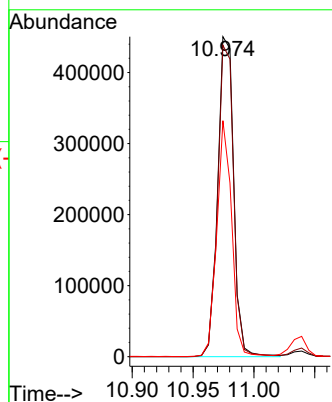
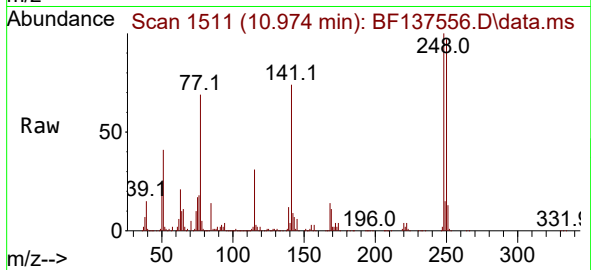




#67
4-Bromophenyl-phenylether
Concen: 42.996 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

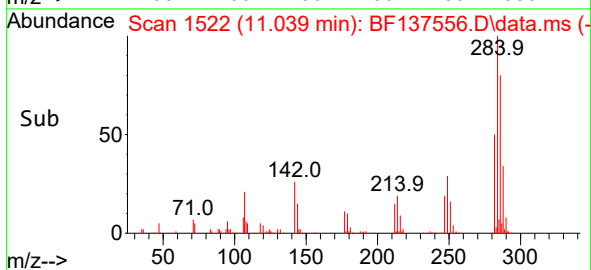
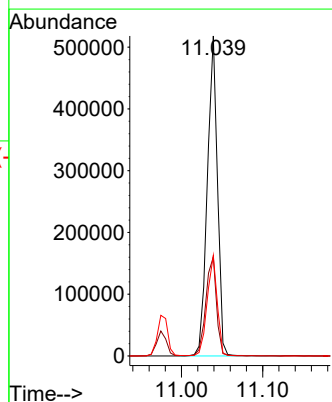
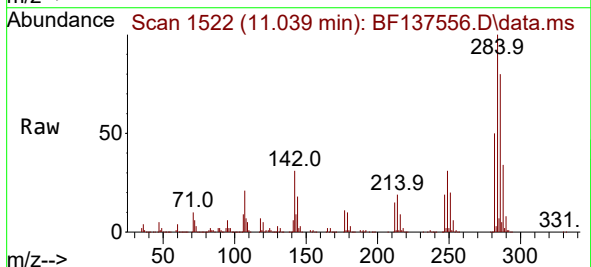
Instrument :
BNA_F
ClientSampleId :
PB159519BSD

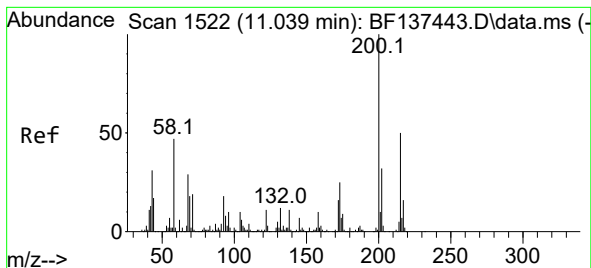
Tgt Ion:248 Resp: 414716
Ion Ratio Lower Upper
248 100
250 97.3 76.8 115.2
141 73.7 53.4 80.0



#68
Hexachlorobenzene
Concen: 45.928 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:284 Resp: 447436
Ion Ratio Lower Upper
284 100
142 31.0 29.4 44.0
249 31.4 25.0 37.4





#69

Atrazine

Concen: 40.129 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

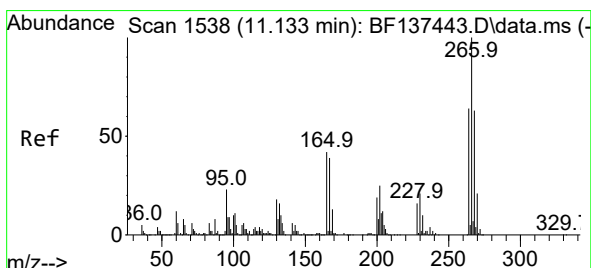
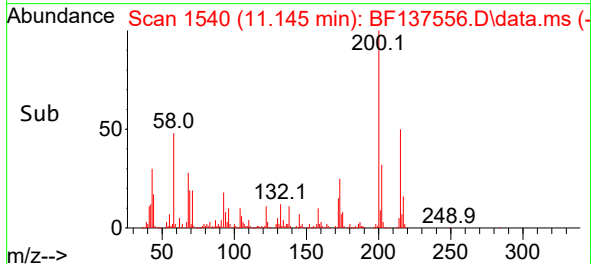
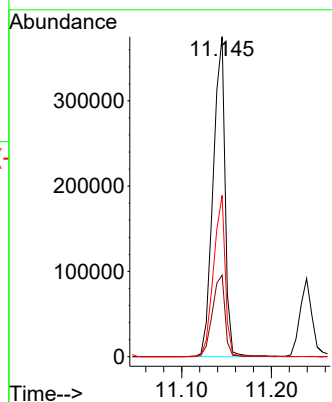
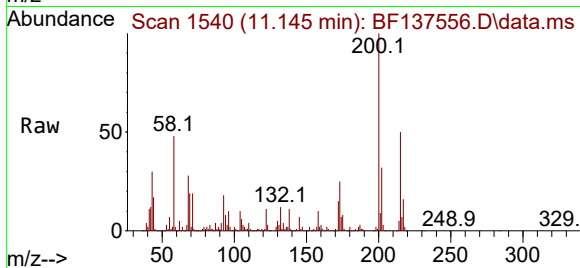
Tgt Ion:200 Resp: 347872

Ion Ratio Lower Upper

200 100

173 25.5 5.1 45.1

215 50.4 30.4 70.4



#70

Pentachlorophenol

Concen: 84.455 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.006 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

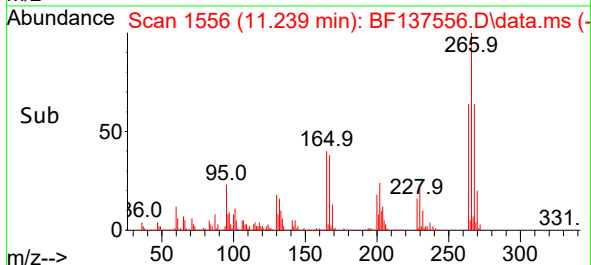
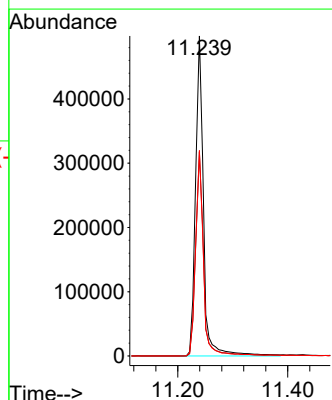
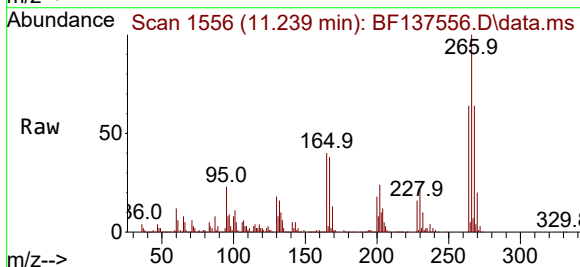
Tgt Ion:266 Resp: 497377

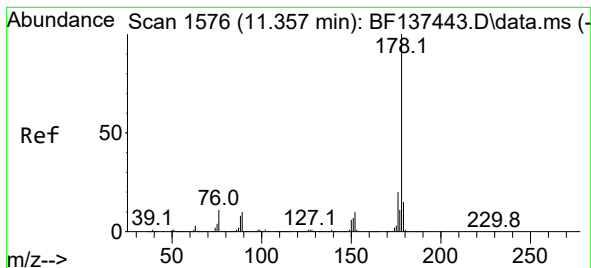
Ion Ratio Lower Upper

266 100

268 63.7 50.2 75.2

264 64.2 50.9 76.3





#71

Phenanthrene

Concen: 40.004 ng

RT: 11.463 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

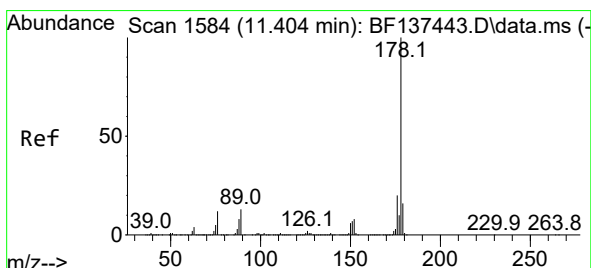
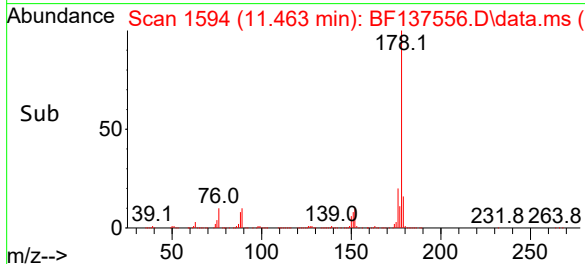
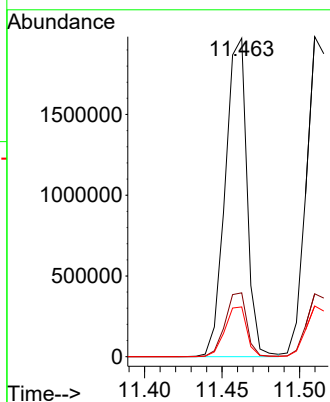
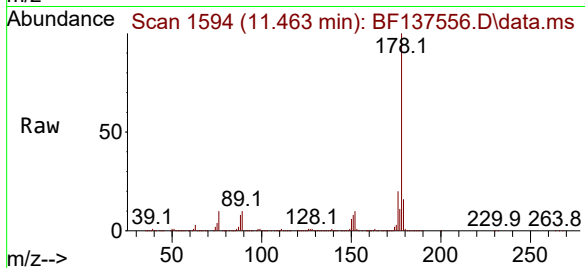
Tgt Ion:178 Resp: 1927953

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.6 12.2 18.2



#72

Anthracene

Concen: 40.729 ng

RT: 11.510 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

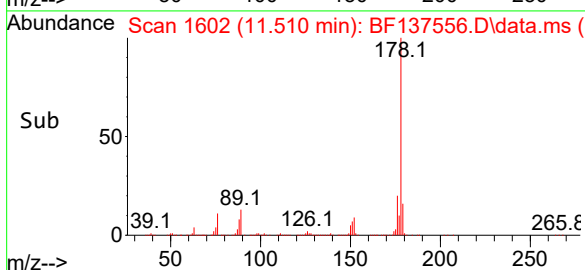
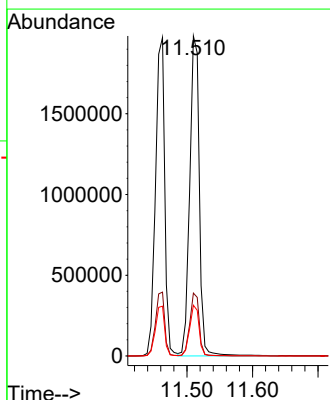
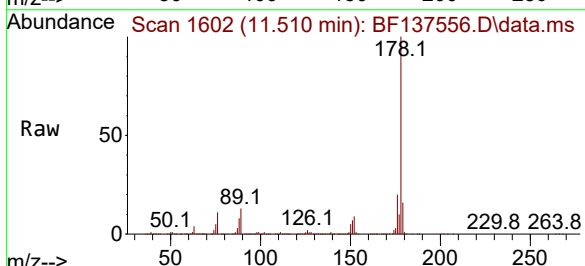
Tgt Ion:178 Resp: 2016022

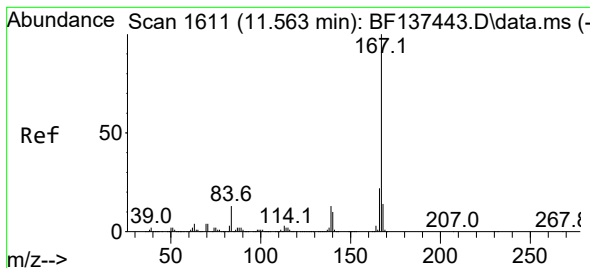
Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 15.9 12.7 19.1





#73

Carbazole

Concen: 41.439 ng

RT: 11.674 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

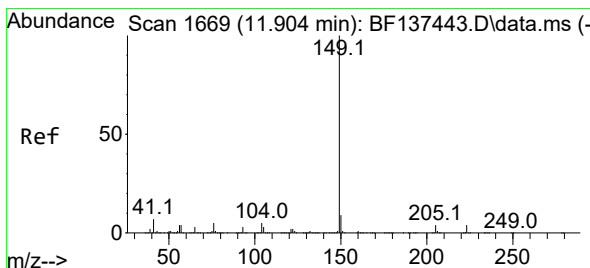
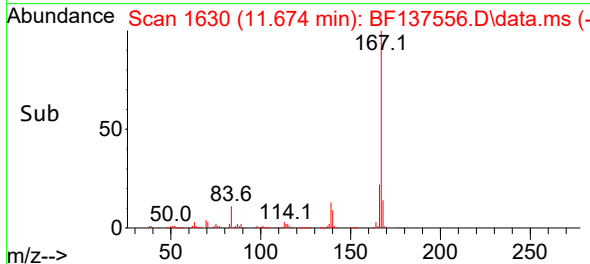
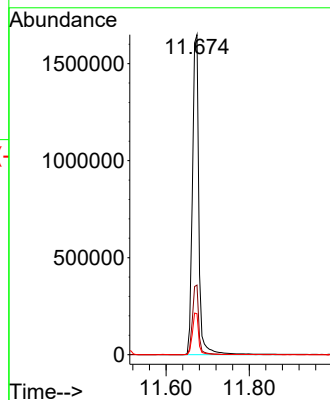
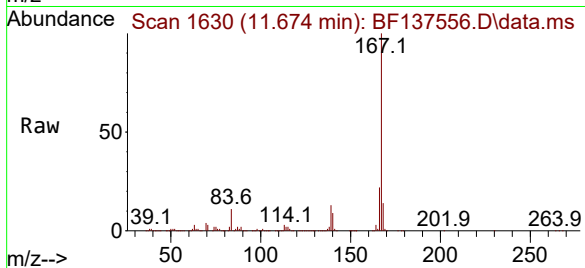
Tgt Ion:167 Resp: 1756966

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 12.8 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.975 ng

RT: 12.010 min Scan# 1687

Delta R.T. 0.006 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

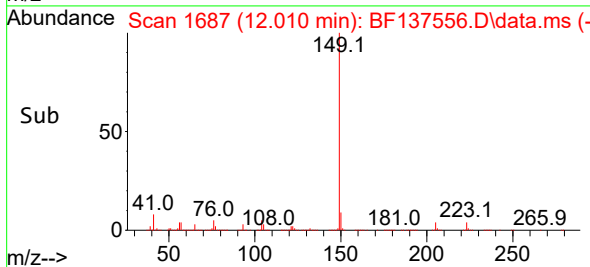
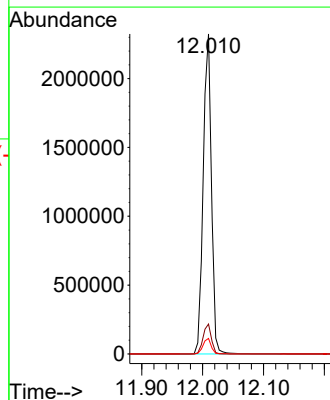
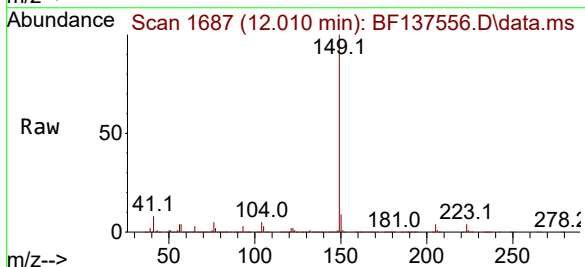
Tgt Ion:149 Resp: 2167858

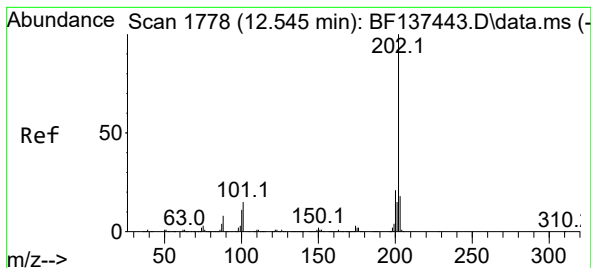
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 41.176 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

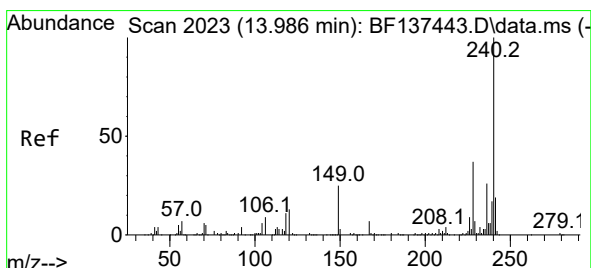
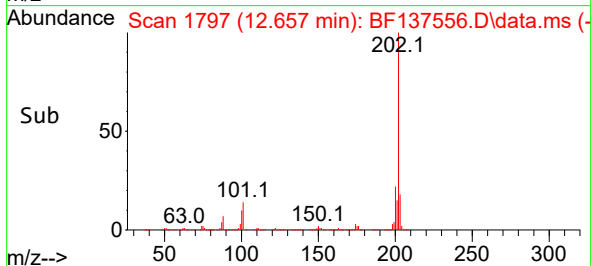
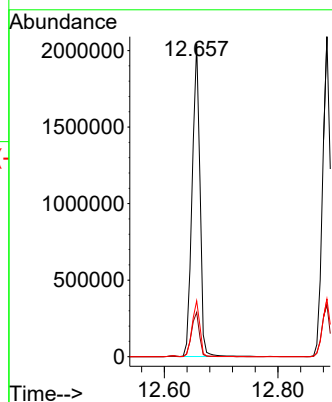
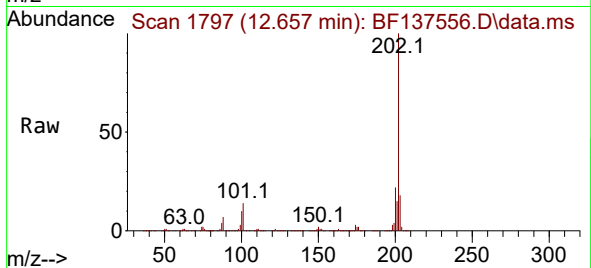
Tgt Ion:202 Resp: 1939747

Ion Ratio Lower Upper

202 100

101 14.1 0.0 35.0

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

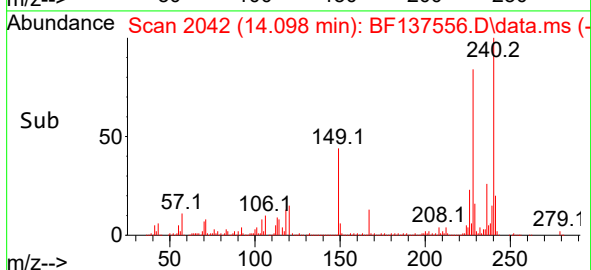
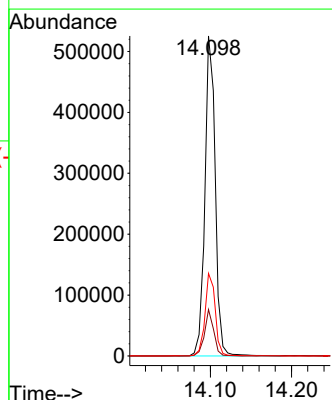
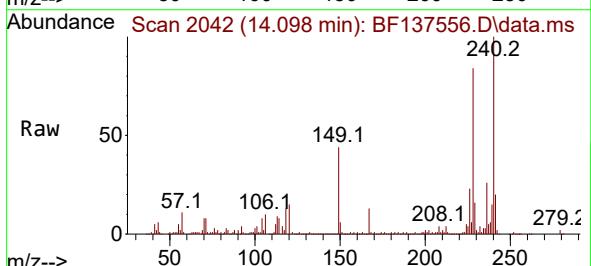
Tgt Ion:240 Resp: 464067

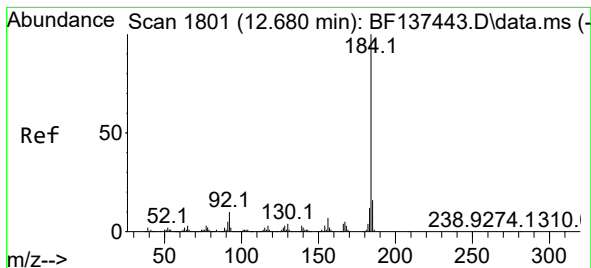
Ion Ratio Lower Upper

240 100

120 14.5 10.4 15.6

236 25.8 20.9 31.3





#77

Benzidine

Concen: 21.851 ng

RT: 12.786 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

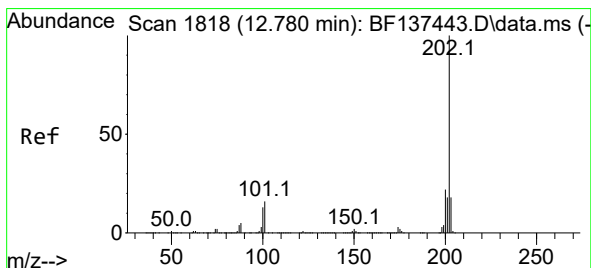
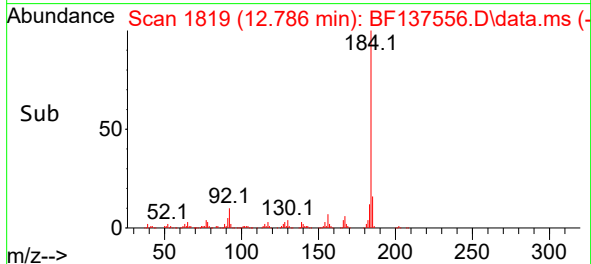
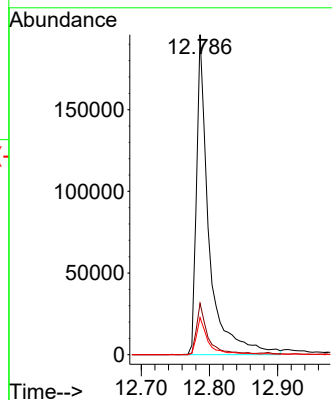
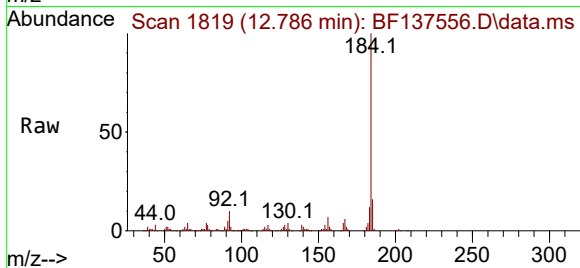
Tgt Ion:184 Resp: 248152

Ion Ratio Lower Upper

184 100

185 16.1 13.2 19.8

183 11.6 9.3 13.9



#78

Pyrene

Concen: 42.904 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

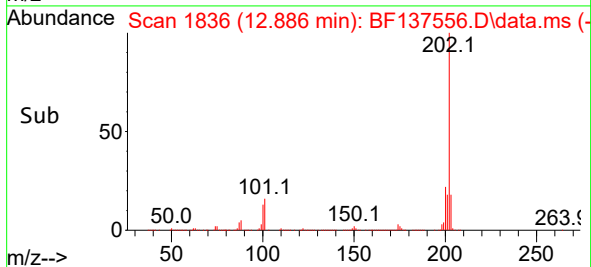
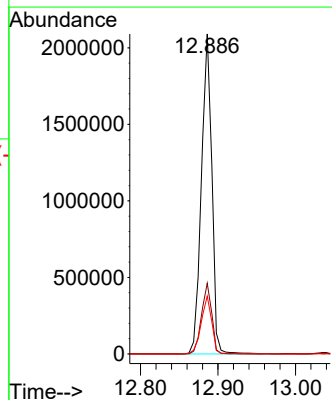
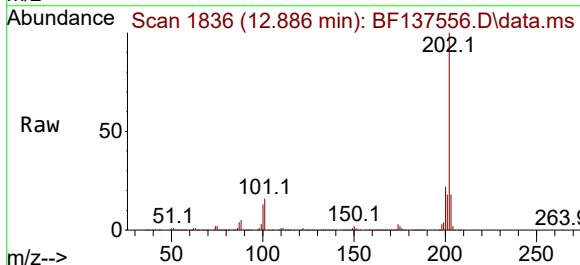
Tgt Ion:202 Resp: 1953667

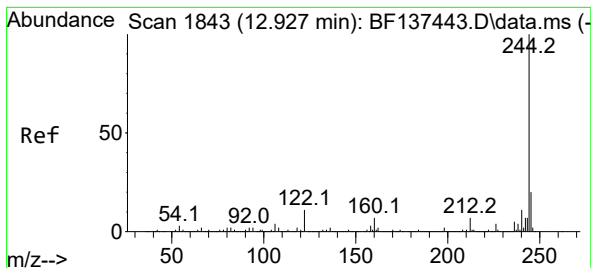
Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 82.256 ng

RT: 13.039 min Scan# 1862

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

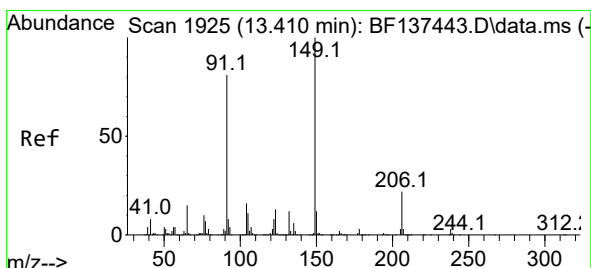
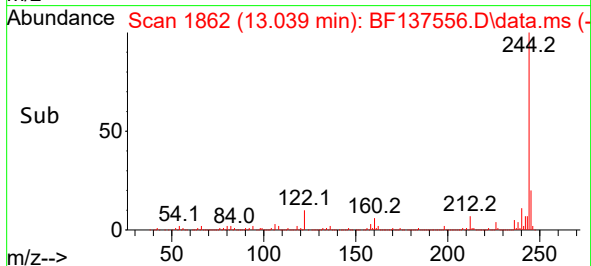
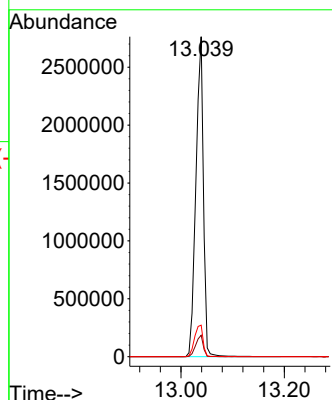
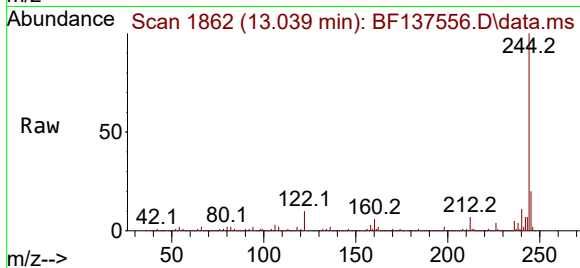
Tgt Ion:244 Resp: 2775960

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 9.9 9.1 13.7



#80

Butylbenzylphthalate

Concen: 56.064 ng

RT: 13.521 min Scan# 1944

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

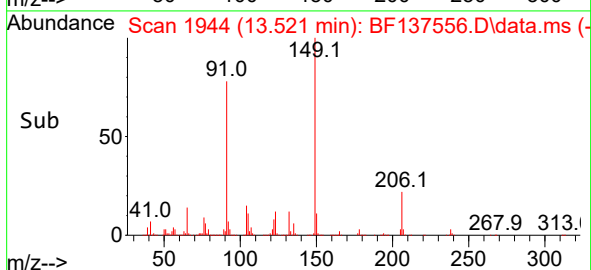
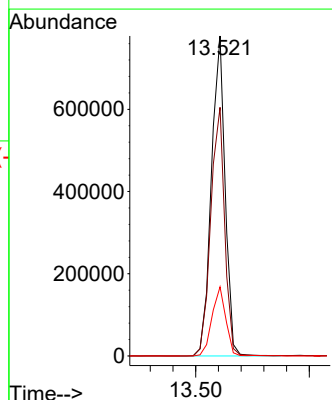
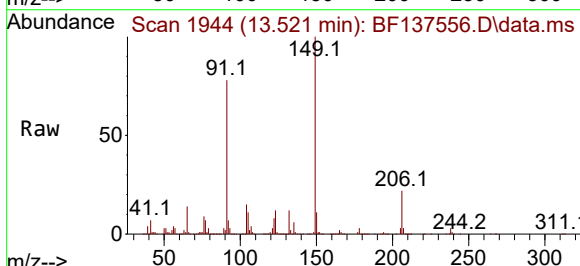
Tgt Ion:149 Resp: 651974

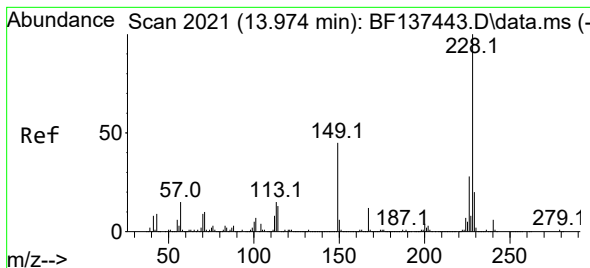
Ion Ratio Lower Upper

149 100

91 77.7 64.7 97.1

206 21.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.303 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

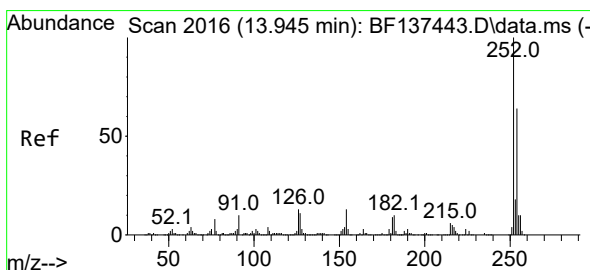
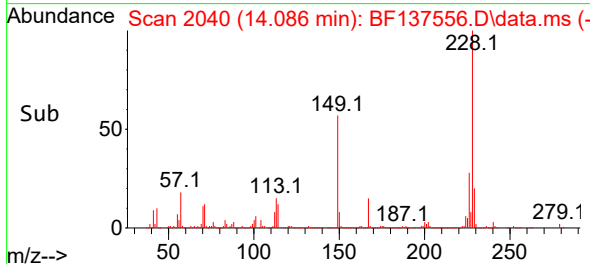
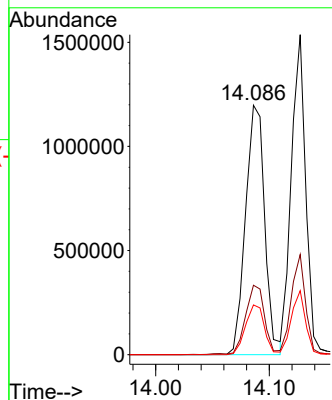
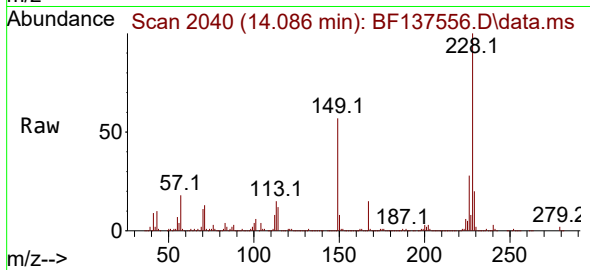
Tgt Ion:228 Resp: 1408476

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 35.764 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

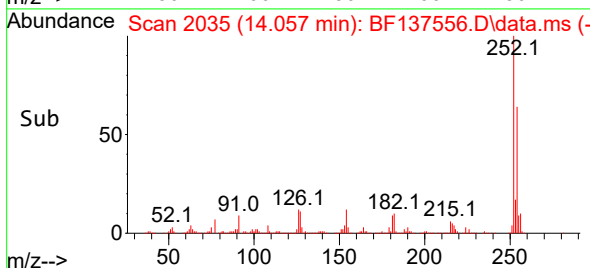
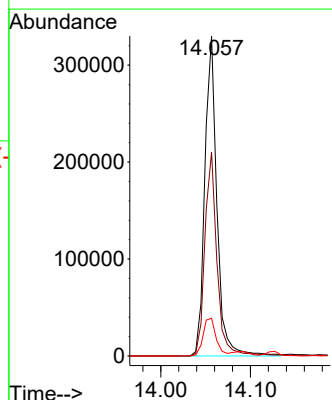
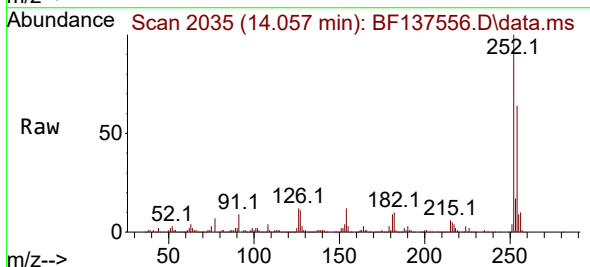
Tgt Ion:252 Resp: 309781

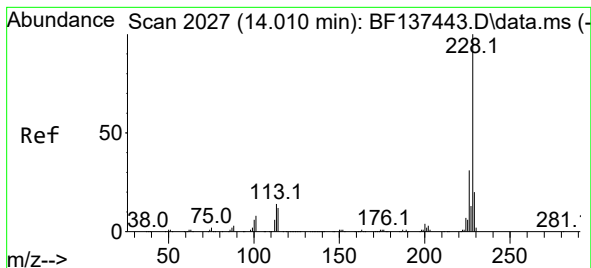
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

126 11.8 10.4 15.6





#83

Chrysene

Concen: 41.962 ng

RT: 14.127 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

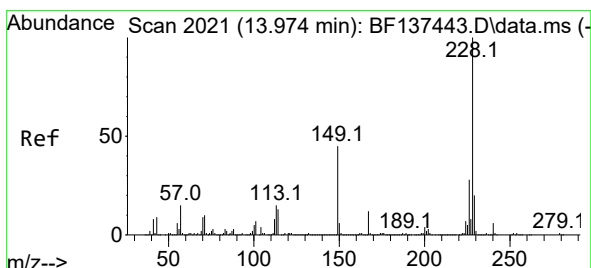
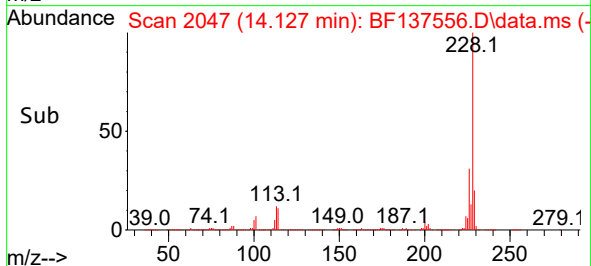
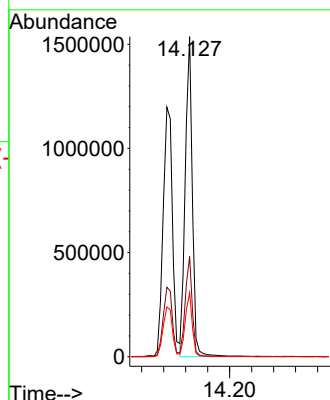
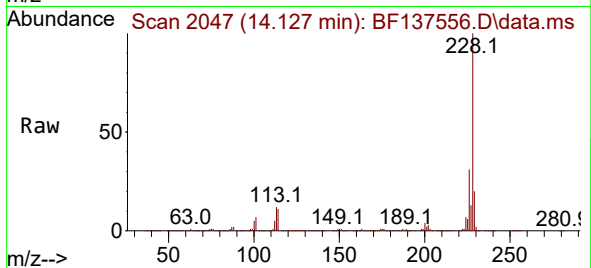
Tgt Ion:228 Resp: 1379452

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.756 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

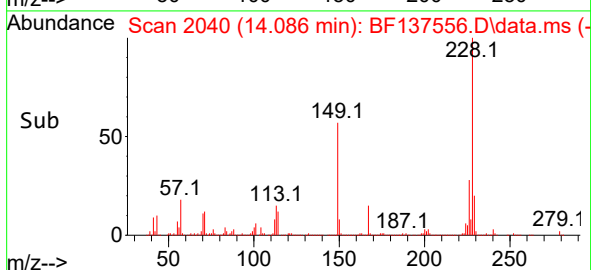
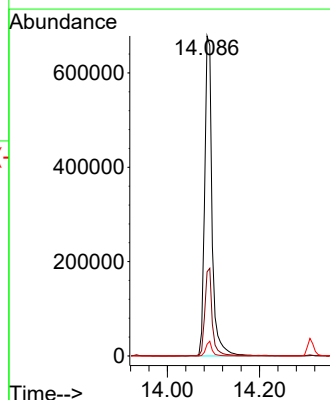
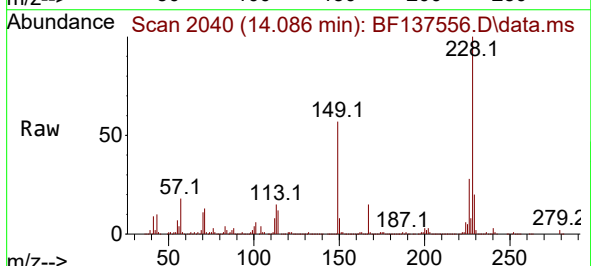
Tgt Ion:149 Resp: 765003

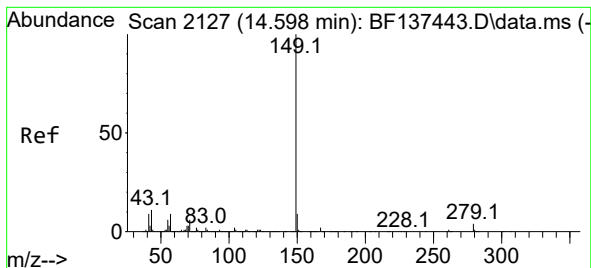
Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

279 3.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 44.915 ng

RT: 14.715 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

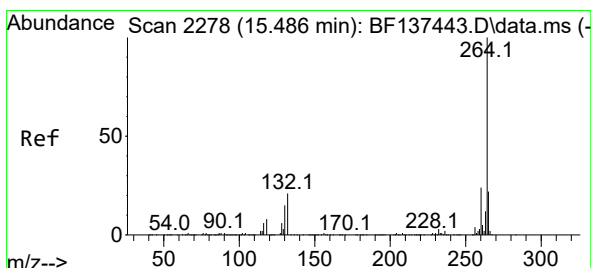
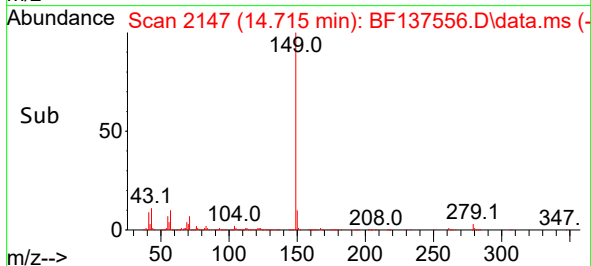
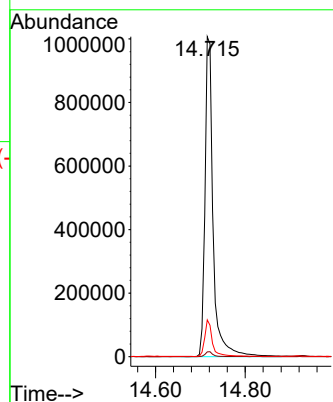
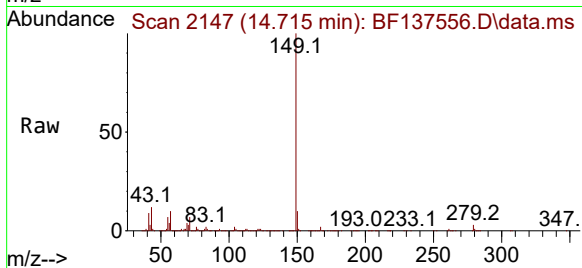
Tgt Ion:149 Resp: 1267867

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

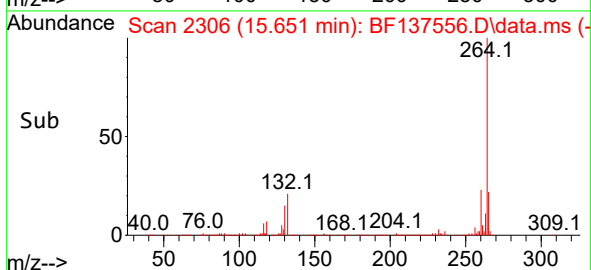
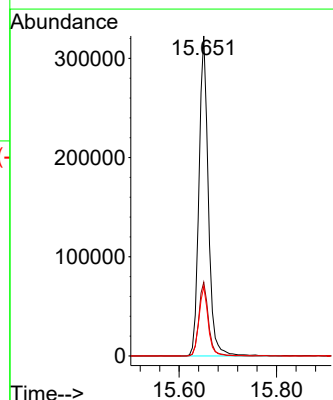
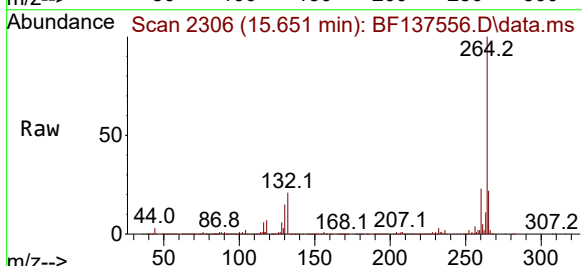
Tgt Ion:264 Resp: 433451

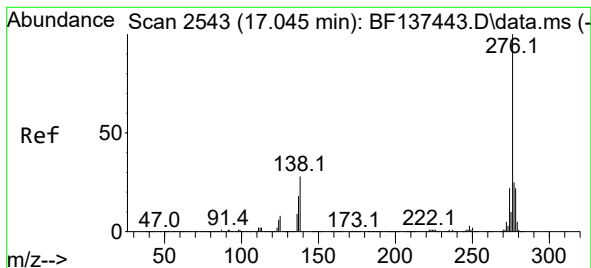
Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.096 ng

RT: 17.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

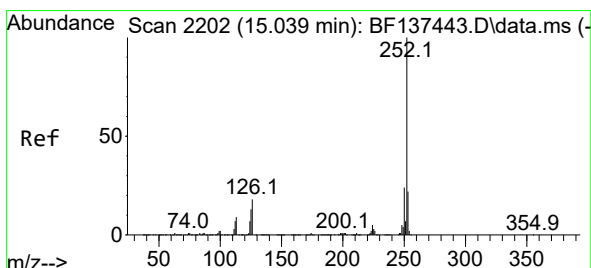
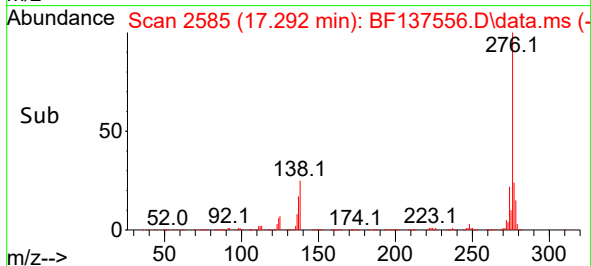
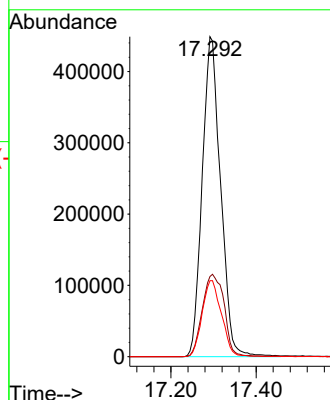
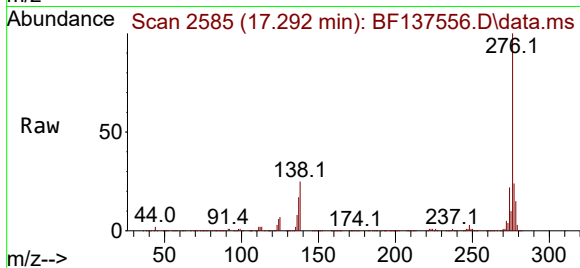
Tgt Ion:276 Resp: 1343361

Ion Ratio Lower Upper

276 100

138 30.5 25.8 38.8

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.123 ng

RT: 15.186 min Scan# 2227

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

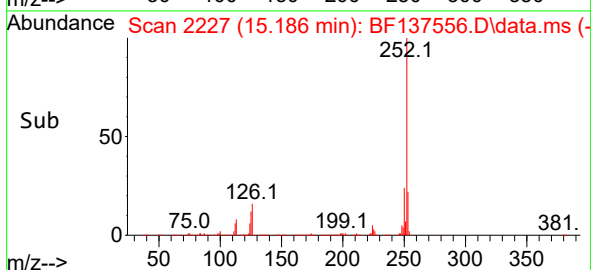
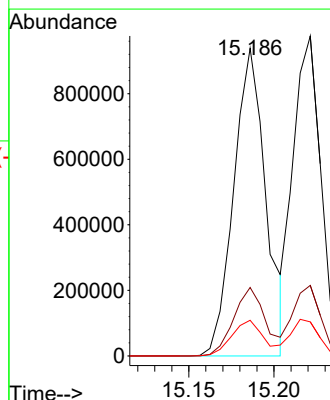
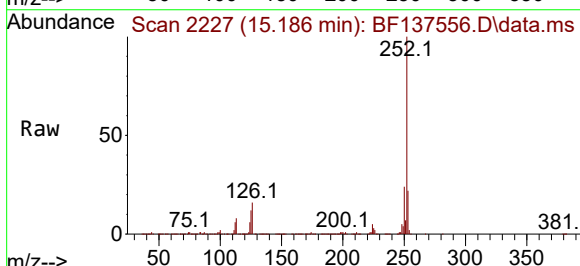
Tgt Ion:252 Resp: 1233886

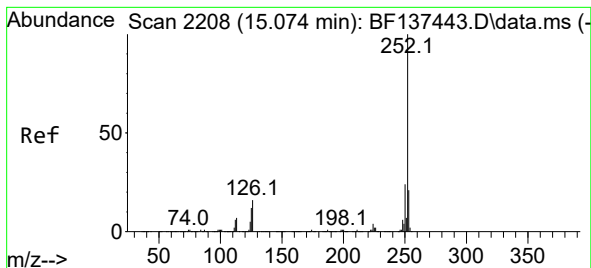
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.6 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 41.078 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB159519BSD

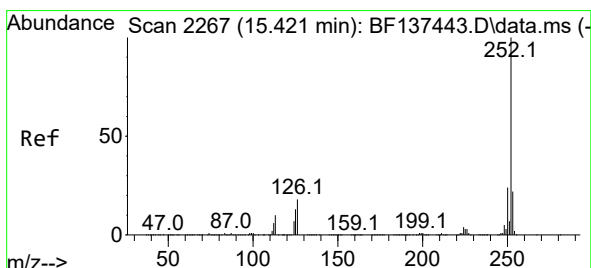
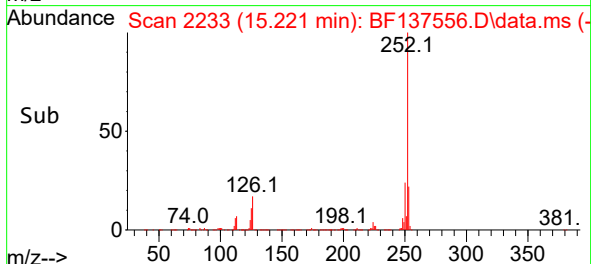
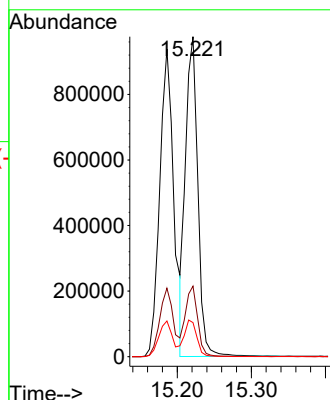
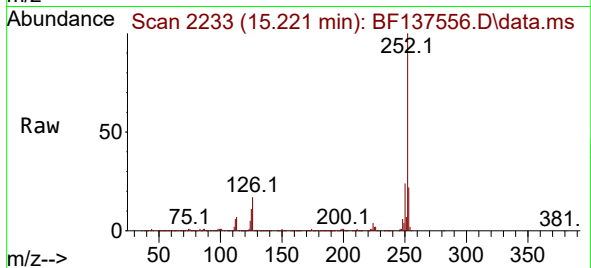
Tgt Ion:252 Resp: 1131297

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.6 9.6 14.4



#90

Benzo(a)pyrene

Concen: 42.925 ng

RT: 15.586 min Scan# 2295

Delta R.T. -0.000 min

Lab File: BF137556.D

Acq: 11 Mar 2024 14:43

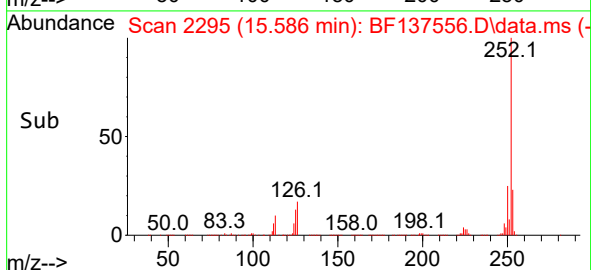
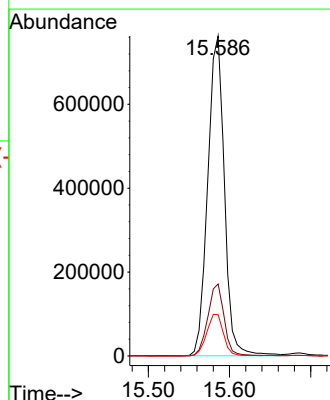
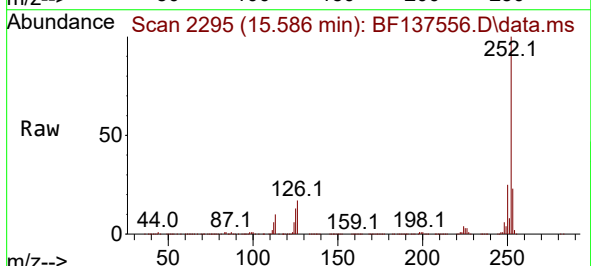
Tgt Ion:252 Resp: 1084593

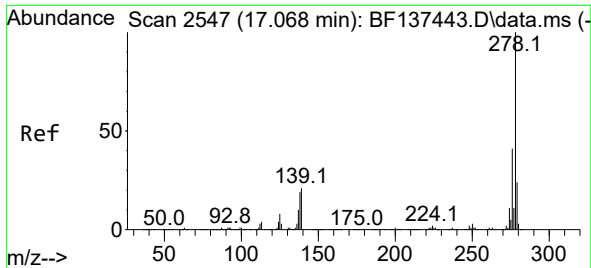
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 12.9 10.4 15.6

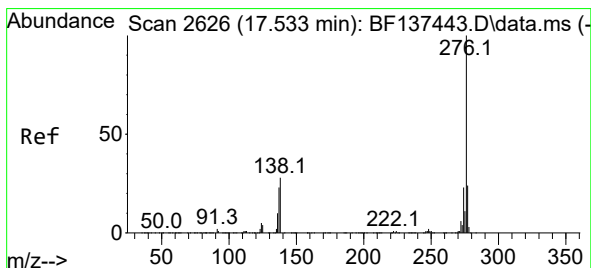
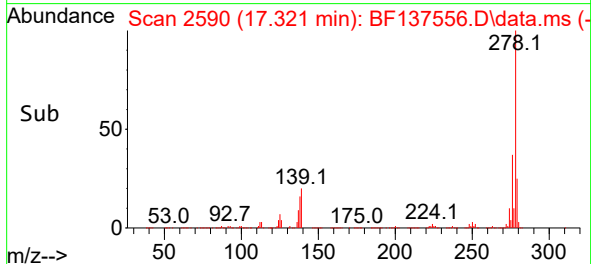
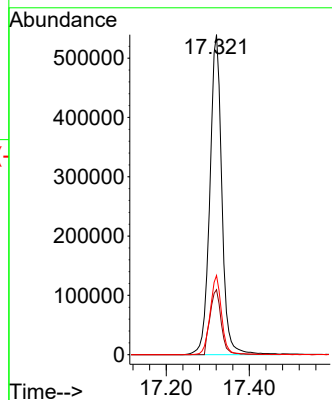
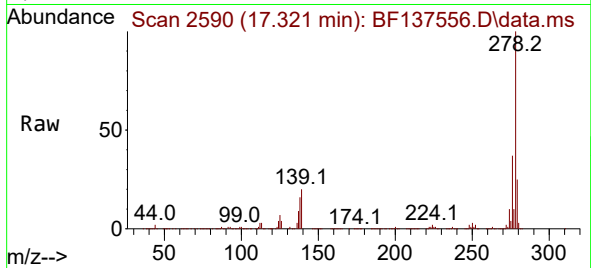




#91
Dibenzo(a,h)anthracene
Concen: 46.808 ng
RT: 17.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Instrument :
BNA_F
ClientSampleId :
PB159519BSD

Tgt Ion:278 Resp: 1083087
Ion Ratio Lower Upper
278 100
139 20.3 17.0 25.6
279 24.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.605 ng
RT: 17.792 min Scan# 2670
Delta R.T. -0.000 min
Lab File: BF137556.D
Acq: 11 Mar 2024 14:43

Tgt Ion:276 Resp: 1083739
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 26.9 22.2 33.2

