

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137087.D
 Acq On : 16 Jan 2024 19:07
 Operator : CG\JU
 Sample : P1147-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-EMSD

Quant Time: Jan 17 02:01:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	56772	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	218745	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	108732	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	198462	20.000	ng	0.00
76) Chrysene-d12	13.974	240	116905	20.000	ng	0.00
86) Perylene-d12	15.462	264	131925	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	286329	78.693	ng	0.00
7) Phenol-d6	6.439	99	361514	76.678	ng	0.00
23) Nitrobenzene-d5	7.351	82	217439	50.866	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	102165	79.781	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	444514	54.985	ng	-0.01
79) Terphenyl-d14	12.904	244	406116	48.547	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	59370	39.161	ng	96
3) Pyridine	3.381	79	138108	37.337	ng	95
4) n-Nitrosodimethylamine	3.351	42	74534	37.733	ng	95
6) Aniline	6.451	93	138179	29.314	ng	# 9
8) 2-Chlorophenol	6.575	128	166532	41.823	ng	98
9) Benzaldehyde	6.339	77	22708	8.468	ng	96
10) Phenol	6.451	94	206358	41.001	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	152327	39.798	ng	98
12) 1,3-Dichlorobenzene	6.722	146	172405	39.691	ng	99
13) 1,4-Dichlorobenzene	6.798	146	180115	40.582	ng	99
14) 1,2-Dichlorobenzene	6.951	146	169668	41.083	ng	97
15) Benzyl Alcohol	6.934	79	133266	41.898	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	235882	37.695	ng	59
17) 2-Methylphenol	7.051	107	130301	39.501	ng	95
18) Hexachloroethane	7.286	117	62385	38.704	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	112142	39.238	ng	96
20) 3+4-Methylphenols	7.204	107	171739	41.674	ng	# 60
22) Acetophenone	7.192	105	233950	42.670	ng	# 88
24) Nitrobenzene	7.369	77	169182	39.508	ng	95
25) Isophorone	7.604	82	306992	39.467	ng	99
26) 2-Nitrophenol	7.681	139	89384	43.628	ng	96
27) 2,4-Dimethylphenol	7.728	122	127659	51.181	ng	96
28) bis(2-Chloroethoxy)met...	7.810	93	190337	40.256	ng	99
29) 2,4-Dichlorophenol	7.928	162	135774	42.281	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	143430	40.088	ng	98
31) Naphthalene	8.081	128	484383	40.307	ng	100
32) Benzoic acid	7.875	122	86589	35.878	ng	96
33) 4-Chloroaniline	8.139	127	66517	14.991	ng	96
34) Hexachlorobutadiene	8.192	225	83491	38.408	ng	99
35) Caprolactam	8.522	113	37920	35.795	ng	95
36) 4-Chloro-3-methylphenol	8.639	107	144745	40.039	ng	97
37) 2-Methylnaphthalene	8.775	142	306365	39.613	ng	100
38) 1-Methylnaphthalene	8.875	142	294640	38.831	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	148223	44.017	ng	98
41) Hexachlorocyclopentadiene	8.922	237	67063	63.535	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	90338	41.832	ng	98

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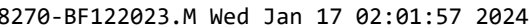
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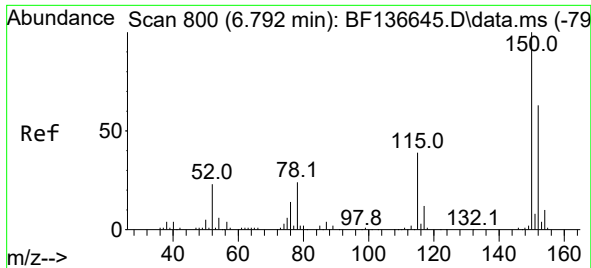
Quant Time: Jan 17 02:01:52 2024
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	101640	42.235	ng	95
46) 1,1'-Biphenyl	9.239	154	401946	44.052	ng	100
47) 2-Chloronaphthalene	9.269	162	291171	41.977	ng	97
48) 2-Nitroaniline	9.375	65	93188	42.902	ng	91
49) Acenaphthylene	9.680	152	481502	45.415	ng	100
50) Dimethylphthalate	9.545	163	339373	42.731	ng	99
51) 2,6-Dinitrotoluene	9.616	165	75273	41.761	ng	94
52) Acenaphthene	9.857	154	275188	41.872	ng	99
53) 3-Nitroaniline	9.786	138	56273	29.472	ng	90
54) 2,4-Dinitrophenol	9.904	184	61776	62.688	ng	# 89
55) Dibenzofuran	10.027	168	417247	41.882	ng	98
56) 4-Nitrophenol	9.974	139	82893	64.311	ng	92
57) 2,4-Dinitrotoluene	10.027	165	93802	40.087	ng	94
58) Fluorene	10.374	166	336589	42.580	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	77702	41.945	ng	96
60) Diethylphthalate	10.245	149	336793	40.871	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	161165	41.945	ng	97
62) 4-Nitroaniline	10.410	138	72190	39.219	ng	89
63) Azobenzene	10.527	77	312953	40.662	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	44673	39.277	ng	89
66) n-Nitrosodiphenylamine	10.486	169	295377	45.816	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	93465	42.406	ng	91
68) Hexachlorobenzene	10.921	284	103449	42.117	ng	96
69) Atrazine	11.021	200	92035	55.815	ng	99
70) Pentachlorophenol	11.127	266	72947	63.716	ng	97
71) Phenanthrene	11.339	178	448030	43.997	ng	99
72) Anthracene	11.392	178	459097	44.517	ng	100
73) Carbazole	11.551	167	417438	42.932	ng	98
74) Di-n-butylphthalate	11.874	149	510009	42.986	ng	99
75) Fluoranthene	12.533	202	428613	39.349	ng	96
77) Benzidine	12.663	184	154652	44.865	ng	100
78) Pyrene	12.768	202	422434	36.810	ng	100
80) Butylbenzylphthalate	13.386	149	170107	40.736	ng	100
81) Benzo(a)anthracene	13.962	228	356024	43.857	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	94243	40.880	ng	100
83) Chrysene	14.004	228	330277	41.605	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	242232	46.104	ng	98
85) Di-n-octyl phthalate	14.562	149	402843	49.568	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	363777	38.191	ng	100
88) Benzo(b)fluoranthene	15.027	252	338663	38.435	ng	99
89) Benzo(k)fluoranthene	15.057	252	329724	39.602	ng	99
90) Benzo(a)pyrene	15.404	252	311271	41.850	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	305789	39.131	ng	98
92) Benzo(g,h,i)perylene	17.456	276	273120	34.124	ng	98

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

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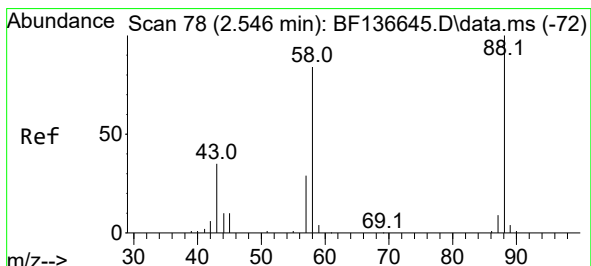
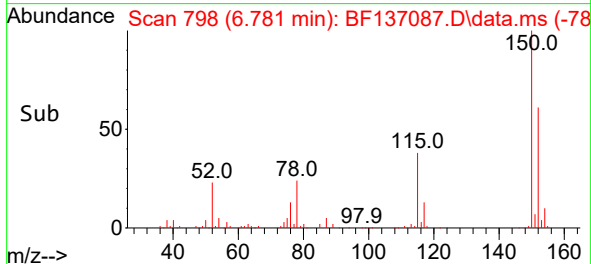
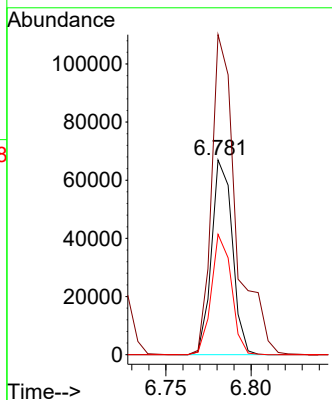
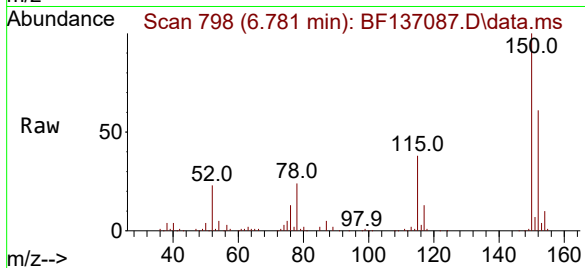




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF137087.D
 Acq: 16 Jan 2024 19:07

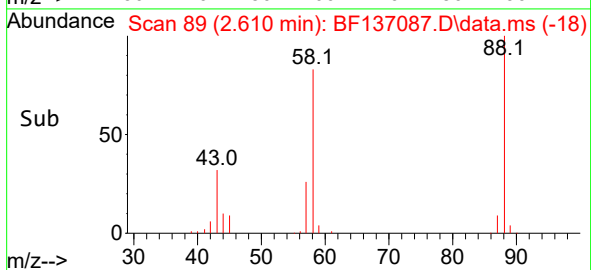
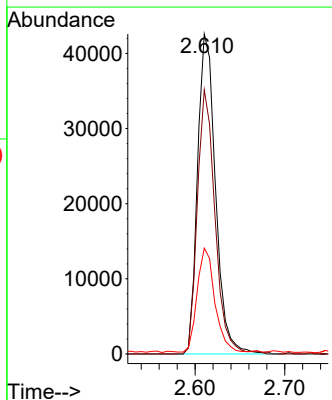
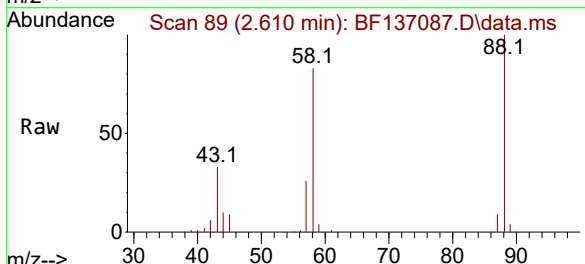
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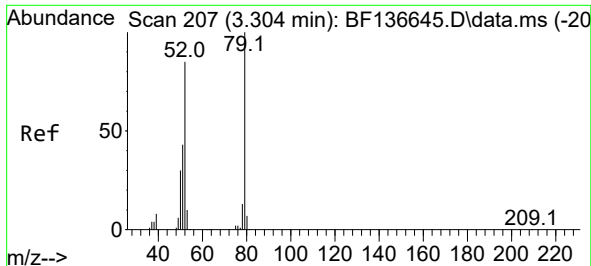
Tgt Ion:152 Resp: 56772
 Ion Ratio Lower Upper
 152 100
 150 164.3 127.0 190.6
 115 61.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.161 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.065 min
 Lab File: BF137087.D
 Acq: 16 Jan 2024 19:07

Tgt Ion: 88 Resp: 59370
 Ion Ratio Lower Upper
 88 100
 58 81.0 67.4 101.0
 43 31.7 27.7 41.5

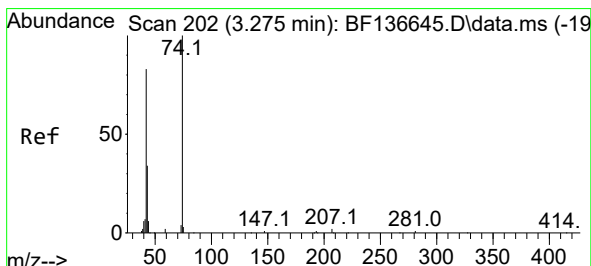
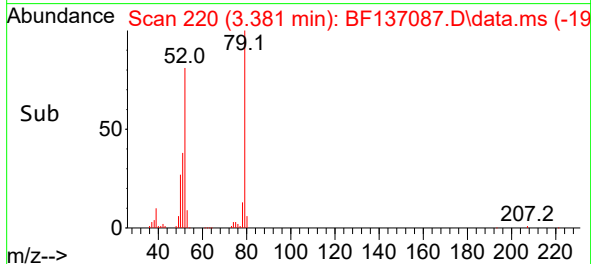
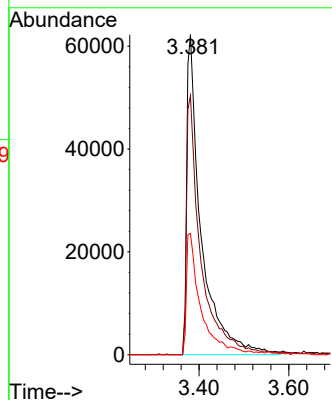
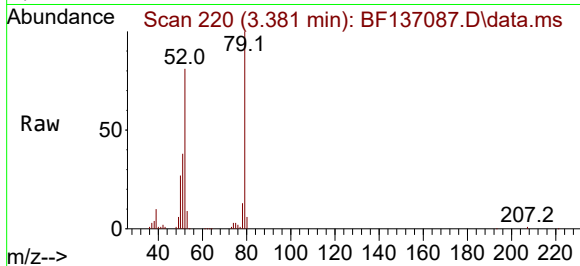




#3
Pyridine
Concen: 37.337 ng
RT: 3.381 min Scan# 215
Delta R.T. 0.076 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

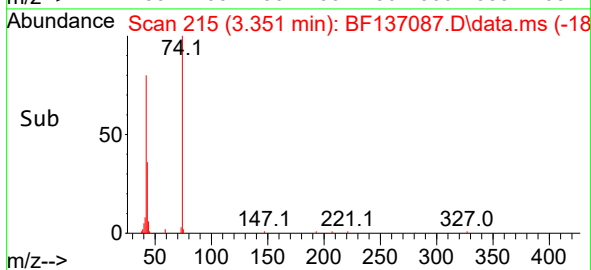
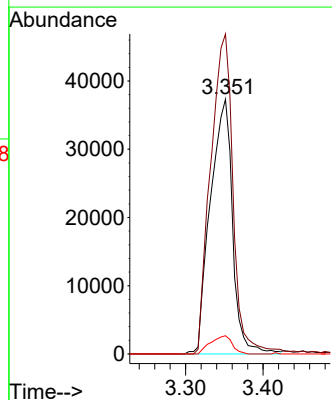
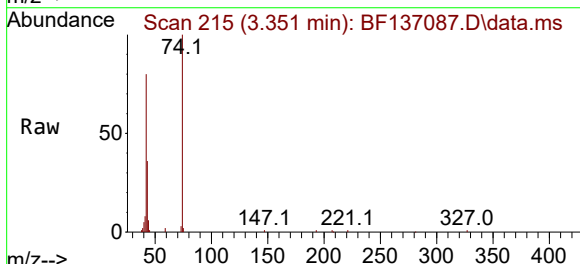
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

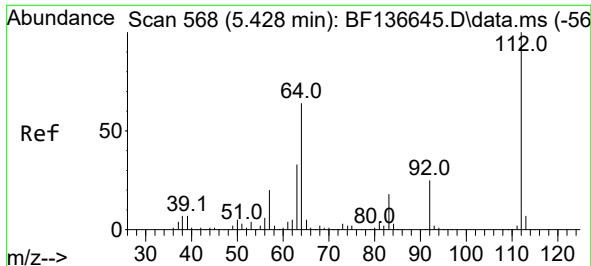
Tgt Ion: 79 Resp: 138108
Ion Ratio Lower Upper
79 100
52 80.9 67.7 101.5
51 37.9 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 37.733 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.076 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion: 42 Resp: 74534
Ion Ratio Lower Upper
42 100
74 125.7 96.0 144.0
44 7.2 5.4 8.2

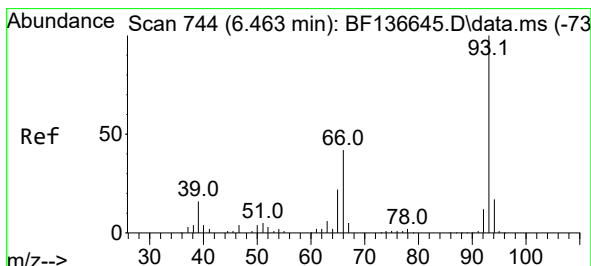
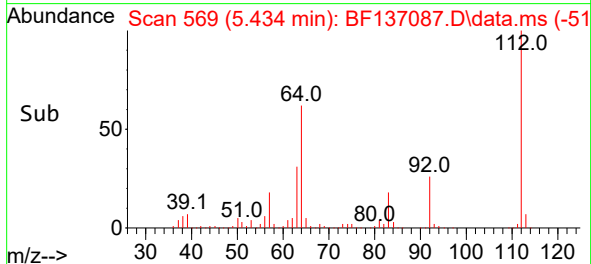
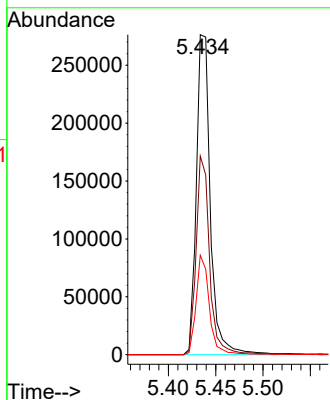
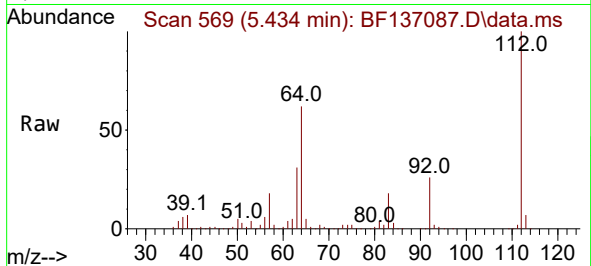




#5
2-Fluorophenol
Concen: 78.693 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

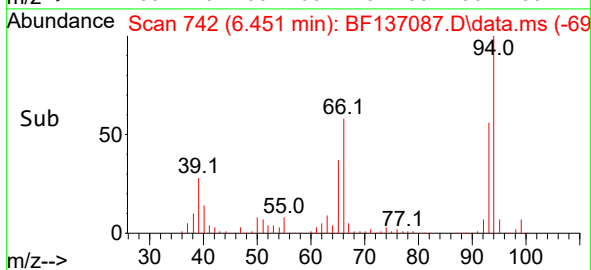
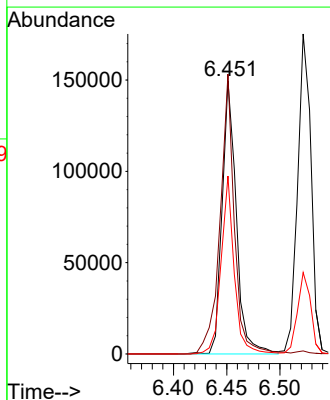
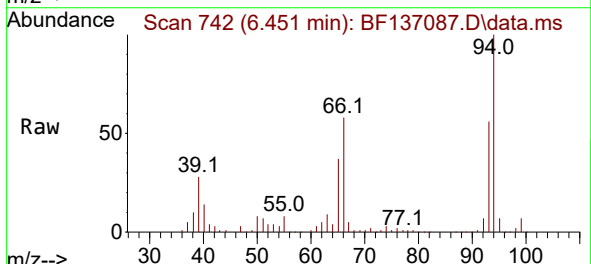
Instrument :
BNA_F
ClientSampleId :
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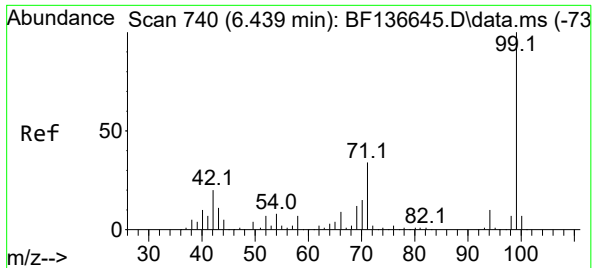
Tgt Ion:112 Resp: 286329
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 31.1 26.1 39.1



#6
Aniline
Concen: 29.314 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion: 93 Resp: 138179
Ion Ratio Lower Upper
93 100
66 102.5 34.6 51.8#
65 65.1 17.8 26.8#





#7

Phenol-d6

Concen: 76.678 ng

RT: 6.439 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

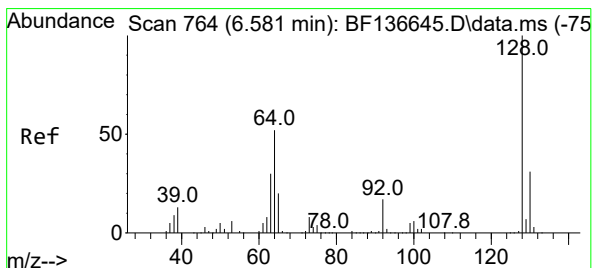
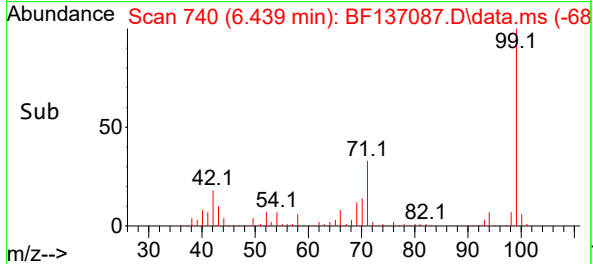
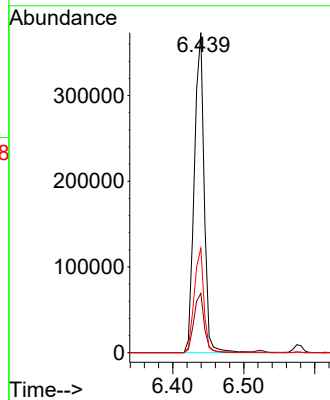
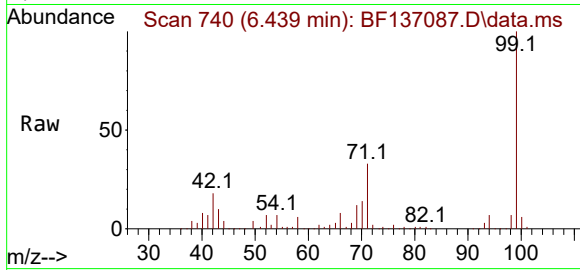
BNA_F

ClientSampleId :

MH-EMSD

Tgt Ion: 99 Resp: 361514

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.1	24.1
71	32.6	27.4	41.2



#8

2-Chlorophenol

Concen: 41.823 ng

RT: 6.575 min Scan# 763

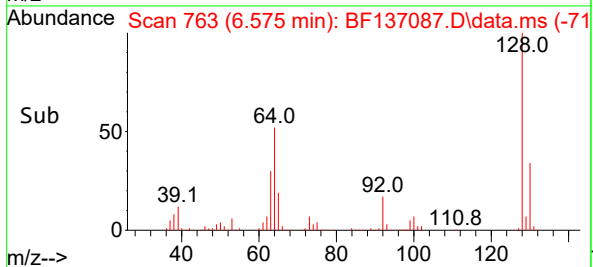
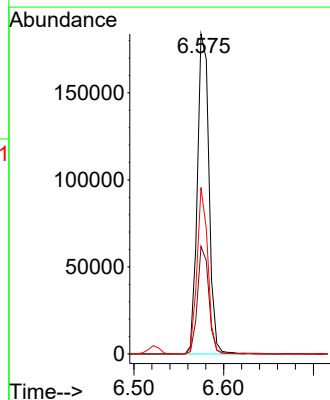
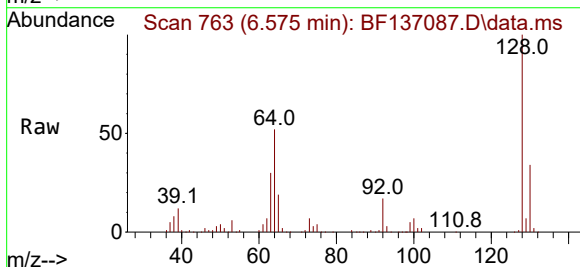
Delta R.T. -0.006 min

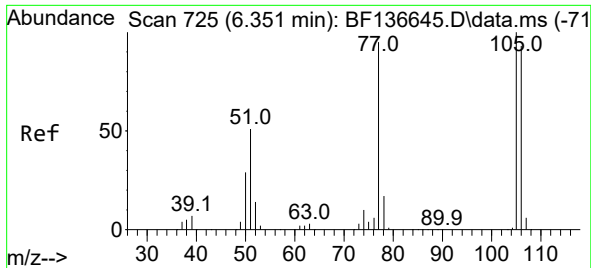
Lab File: BF137087.D

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Tgt Ion:128 Resp: 166532

Ion	Ratio	Lower	Upper
128	100		
130	33.6	11.3	51.3
64	52.0	32.5	72.5

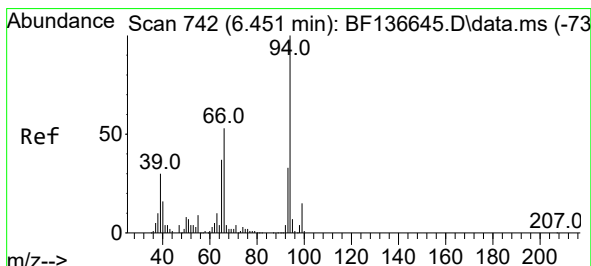
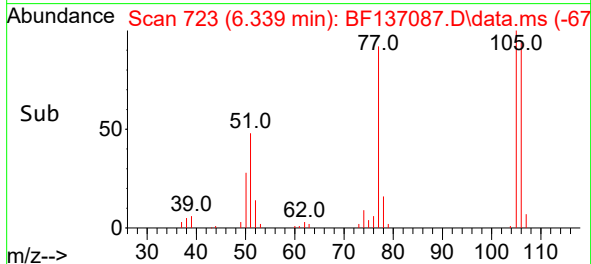
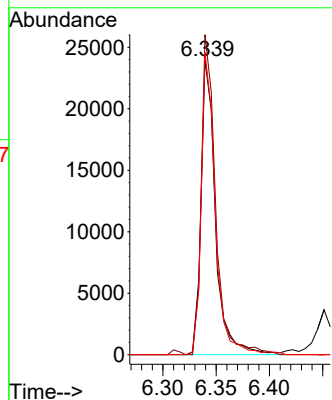
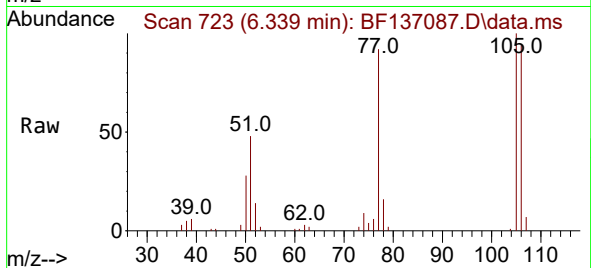




#9
Benzaldehyde
Concen: 8.468 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

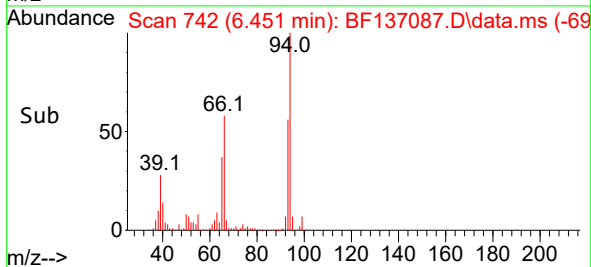
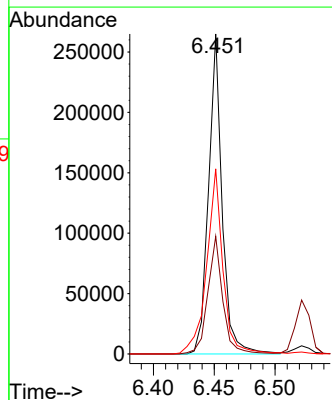
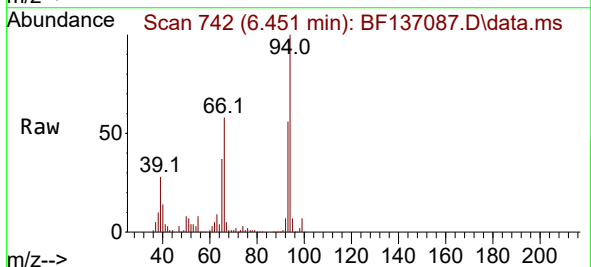
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MH-EMSD

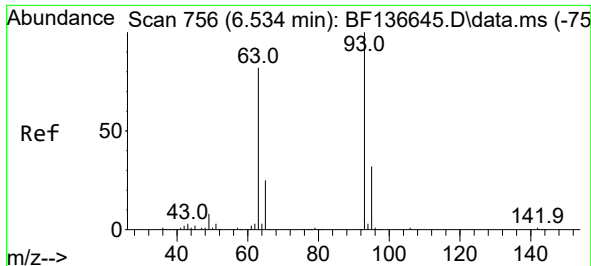
Tgt Ion: 77 Resp: 22708
Ion Ratio Lower Upper
77 100
105 108.8 84.8 124.8
106 102.8 77.8 117.8



#10
Phenol
Concen: 41.001 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion: 94 Resp: 206358
Ion Ratio Lower Upper
94 100
65 36.8 16.6 56.6
66 57.9 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 39.798 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

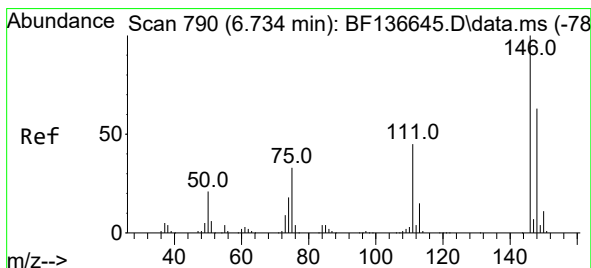
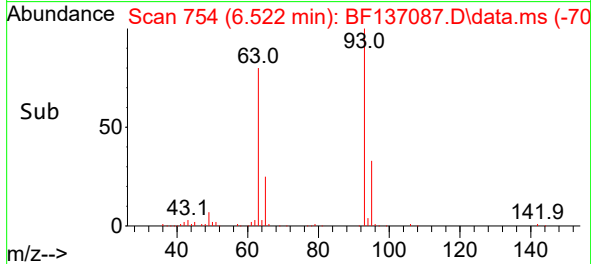
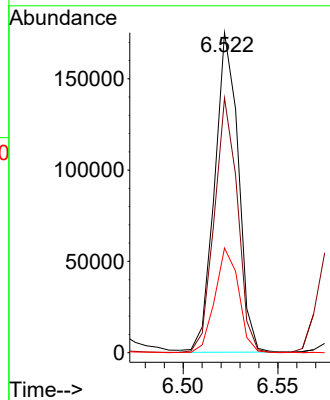
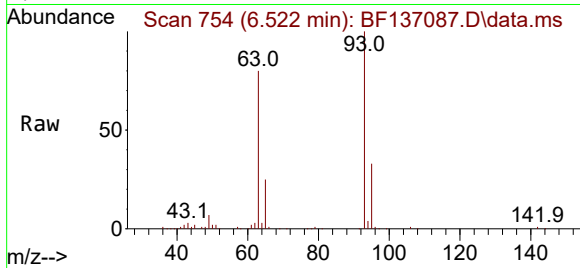
Tgt Ion: 93 Resp: 152327

Ion Ratio Lower Upper

93 100

63 79.6 61.2 101.2

95 32.7 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 39.691 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

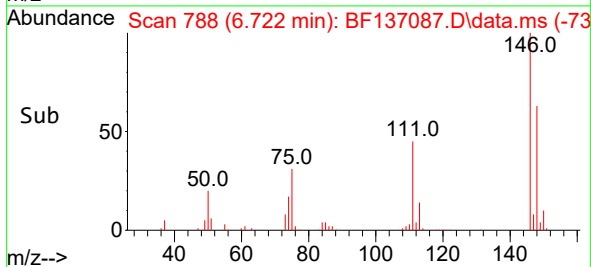
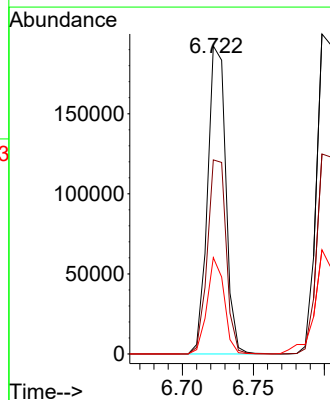
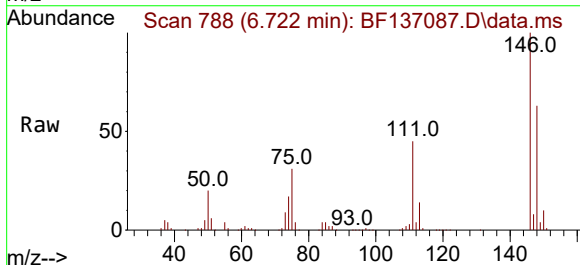
Tgt Ion: 146 Resp: 172405

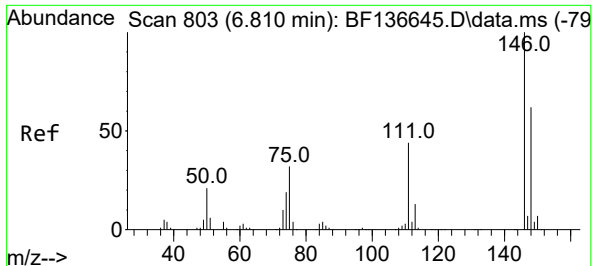
Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

75 31.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.582 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

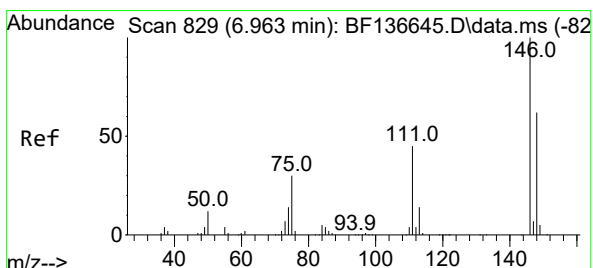
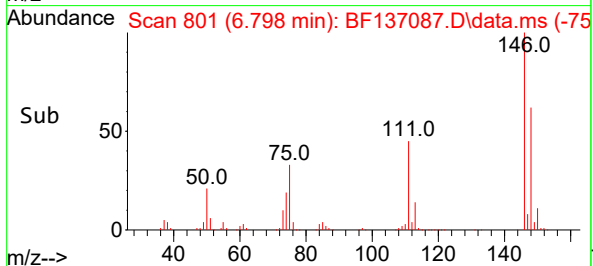
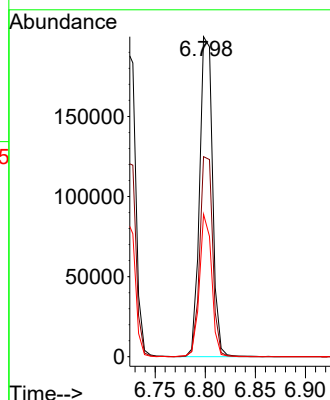
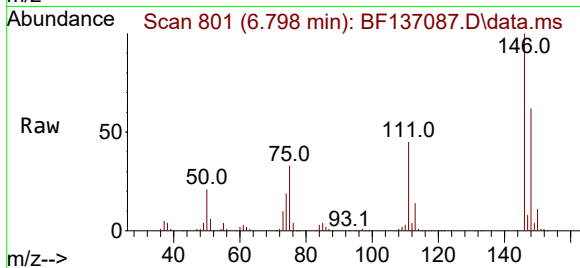
Tgt Ion:146 Resp: 180115

Ion Ratio Lower Upper

146 100

148 62.5 49.2 73.8

111 44.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 41.083 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

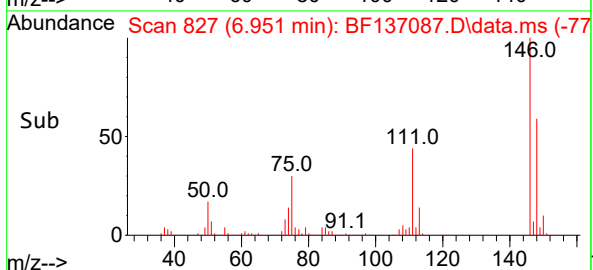
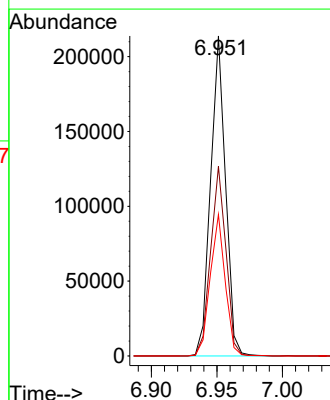
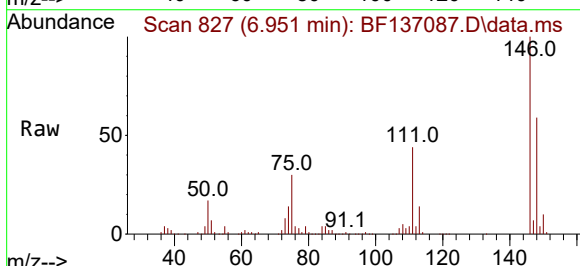
Tgt Ion:146 Resp: 169668

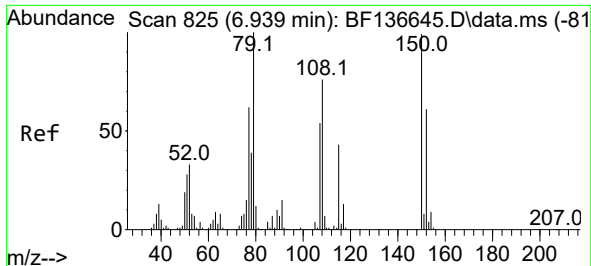
Ion Ratio Lower Upper

146 100

148 59.3 49.6 74.4

111 44.2 36.2 54.2

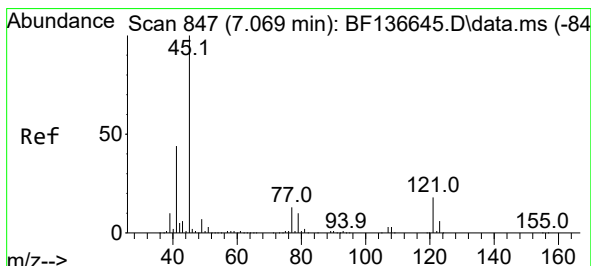
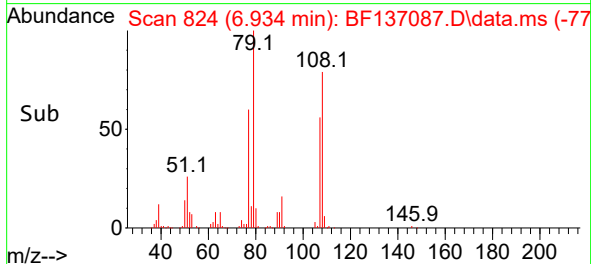
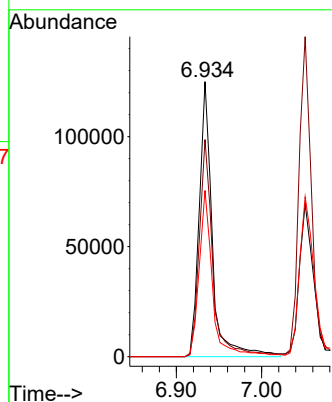
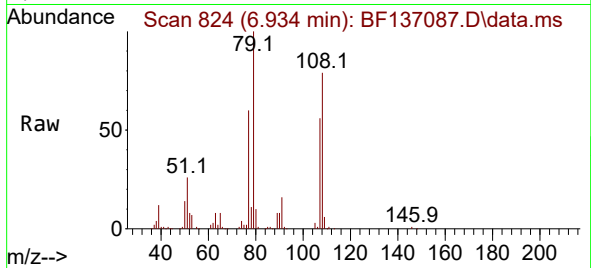




#15
Benzyl Alcohol
Concen: 41.898 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

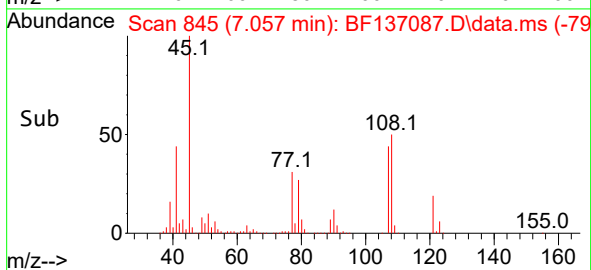
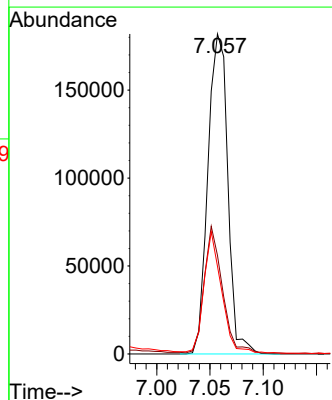
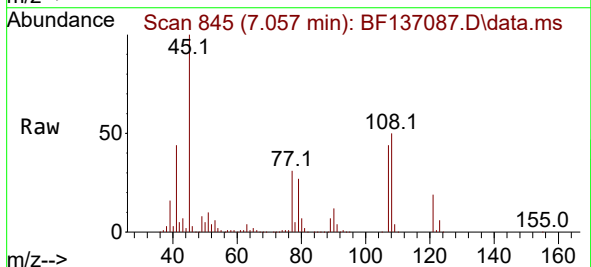
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

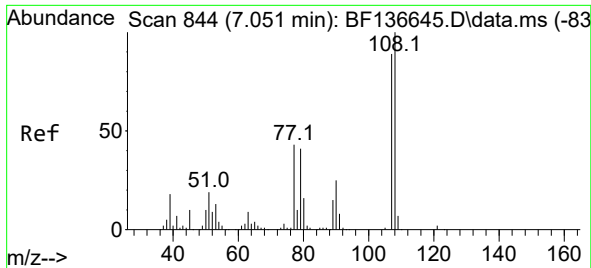
Tgt Ion: 79 Resp: 133266
Ion Ratio Lower Upper
79 100
108 78.9 61.0 91.6
77 60.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.695 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion: 45 Resp: 235882
Ion Ratio Lower Upper
45 100
77 30.8 0.0 34.3
79 27.4 0.0 31.4

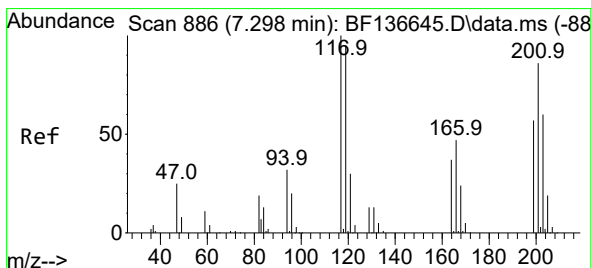
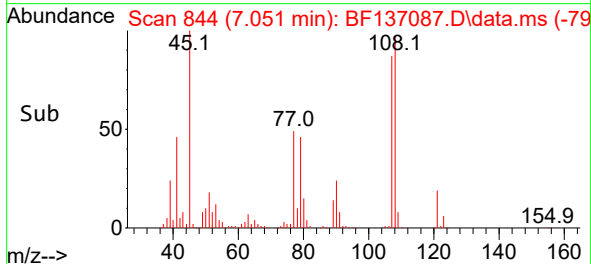
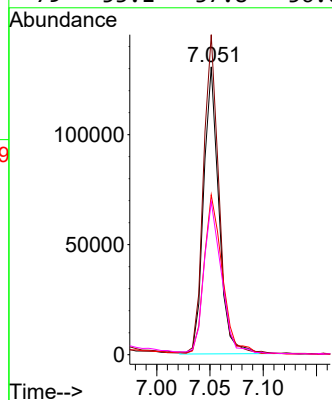
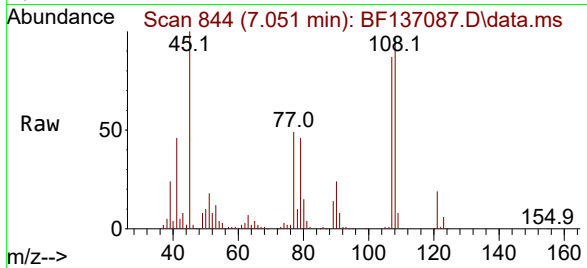




#17
2-Methylphenol
Concen: 39.501 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

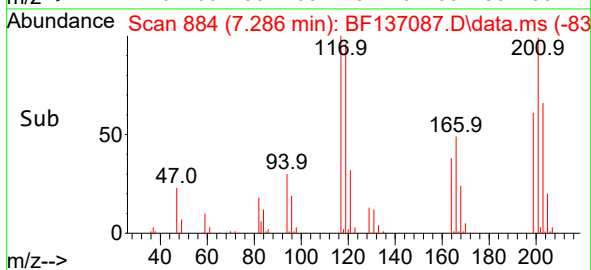
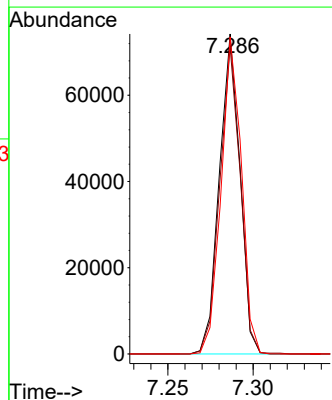
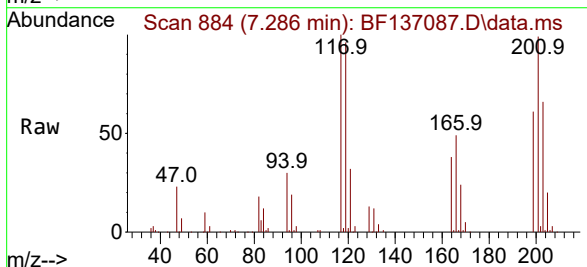
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

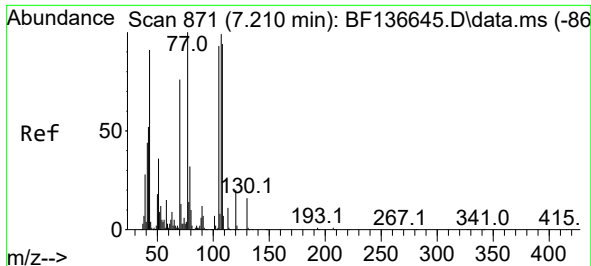
Tgt Ion:107 Resp: 130301
Ion Ratio Lower Upper
107 100
108 111.2 90.3 135.5
77 55.5 38.7 58.1
79 53.1 37.8 56.6



#18
Hexachloroethane
Concen: 38.704 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:117 Resp: 62385
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
201 99.1 69.1 103.7

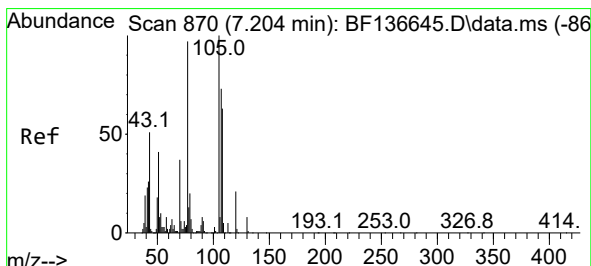
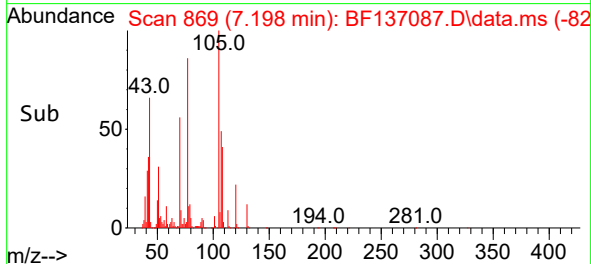
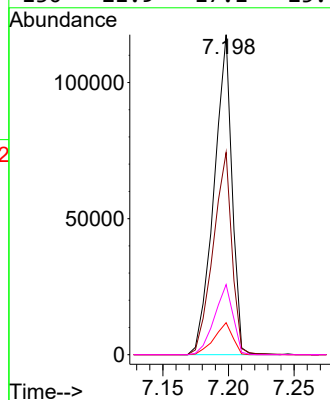
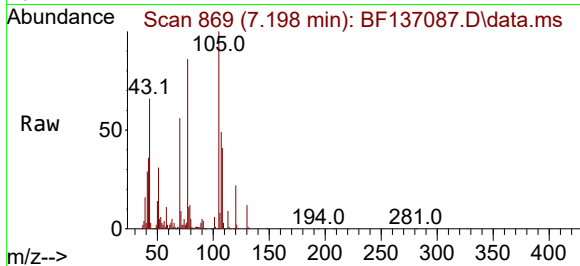




#19
n-Nitroso-di-n-propylamine
Concen: 39.238 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

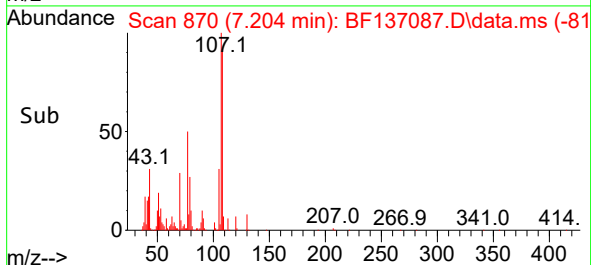
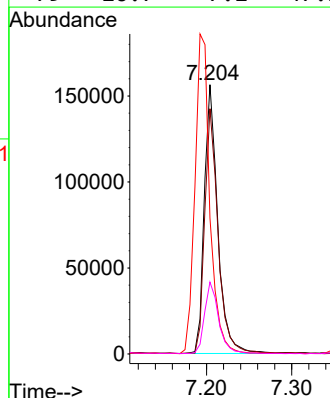
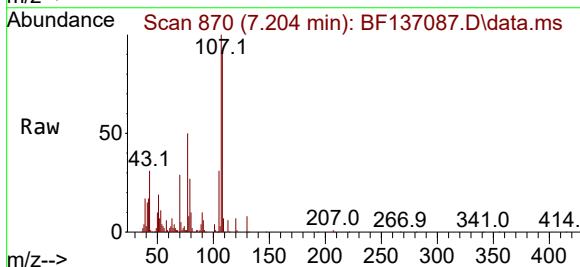
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

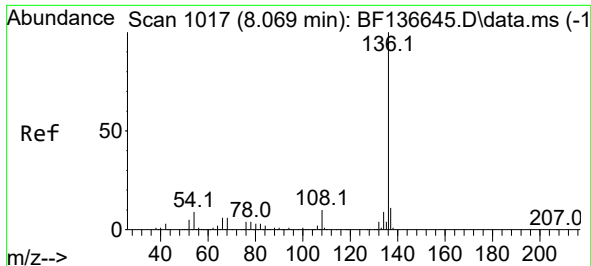
Tgt Ion: 70 Resp: 112142
Ion Ratio Lower Upper
70 100
42 63.2 54.2 81.4
101 10.0 7.6 11.4
130 21.9 17.1 25.7



#20
3+4-Methylphenols
Concen: 41.674 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion: 107 Resp: 171739
Ion Ratio Lower Upper
107 100
108 91.1 66.0 106.0
77 50.5 114.2 154.2#
79 26.7 7.2 47.2

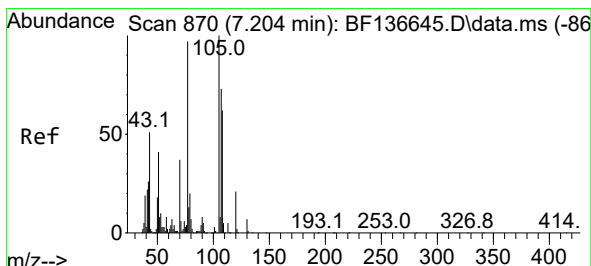
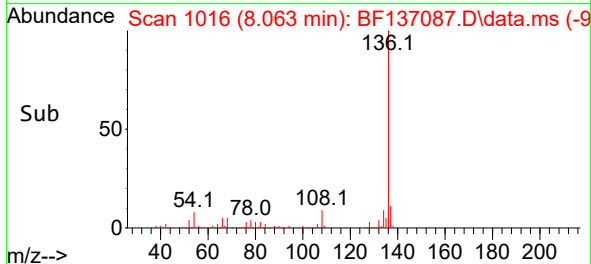
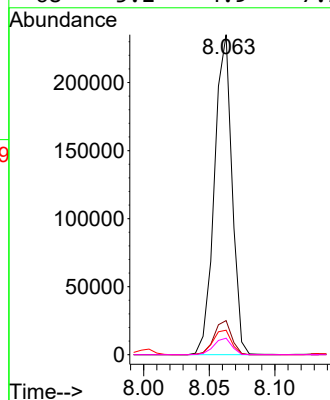
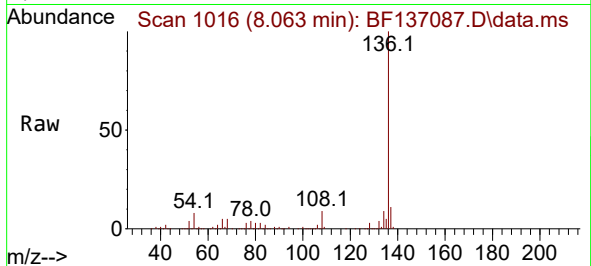




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

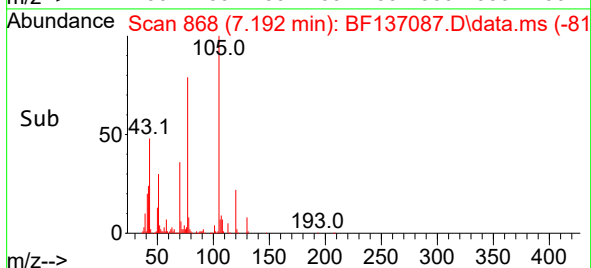
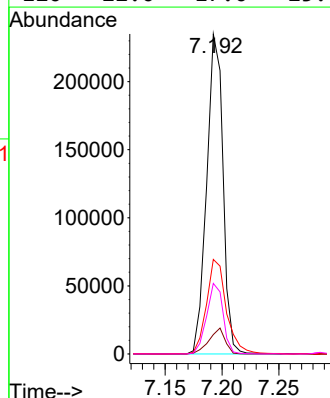
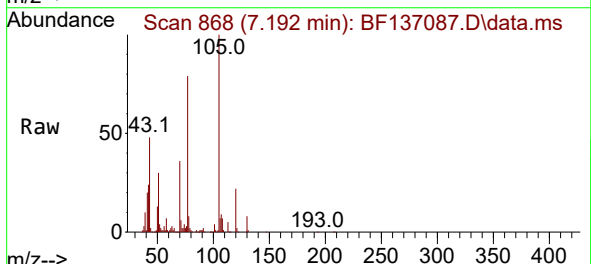
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

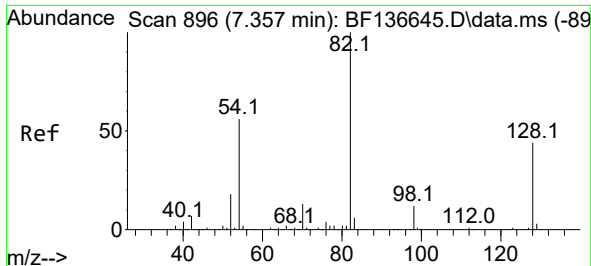
Tgt Ion:	136	Resp:	218745
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	7.7	7.2	10.8
68	5.2	4.9	7.3



#22
Acetophenone
Concen: 42.670 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:	105	Resp:	233950
Ion Ratio	Lower	Upper	
105	100		
71	6.1	4.8	7.2
51	29.5	32.8	49.2#
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 50.866 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

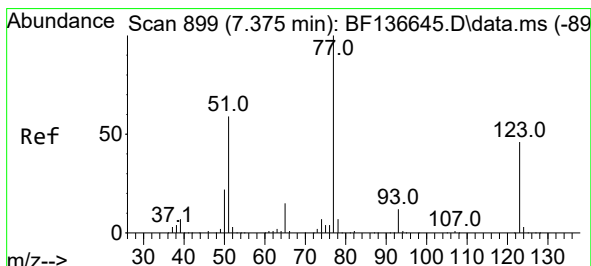
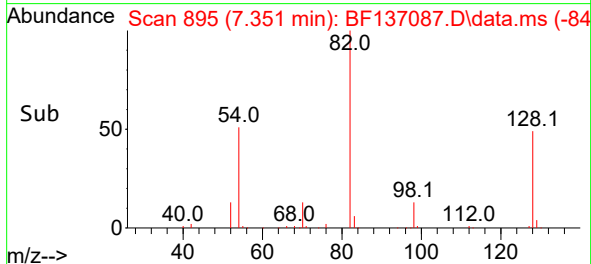
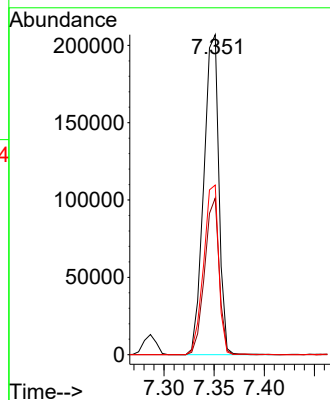
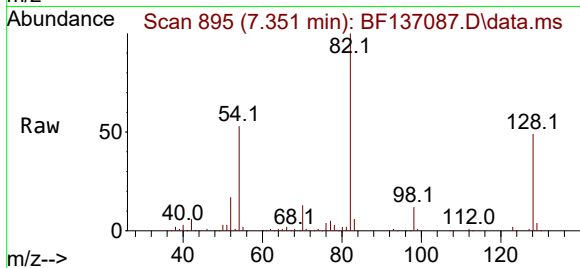
Tgt Ion: 82 Resp: 217439

Ion Ratio Lower Upper

82 100

128 49.0 35.3 52.9

54 53.0 44.5 66.7



#24

Nitrobenzene

Concen: 39.508 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

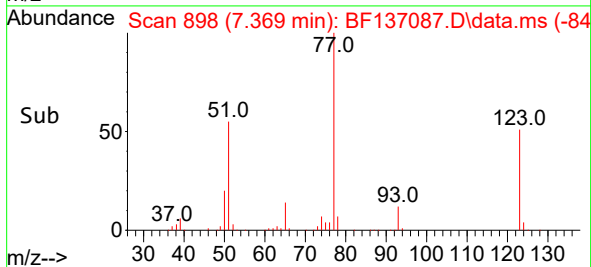
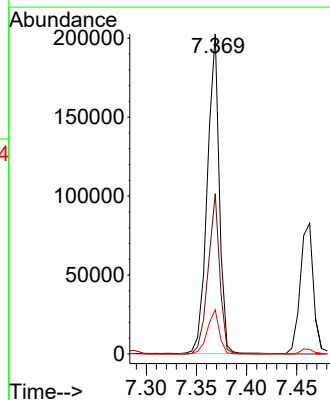
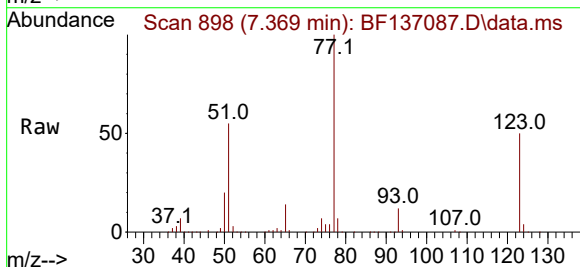
Tgt Ion: 77 Resp: 169182

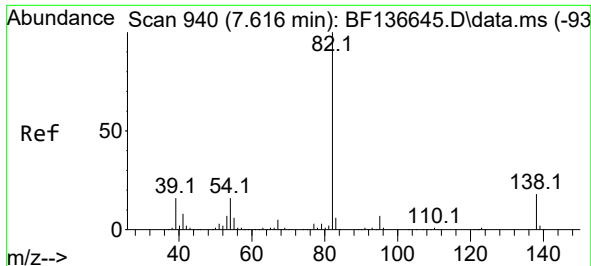
Ion Ratio Lower Upper

77 100

123 50.1 36.7 55.1

65 13.8 11.8 17.6

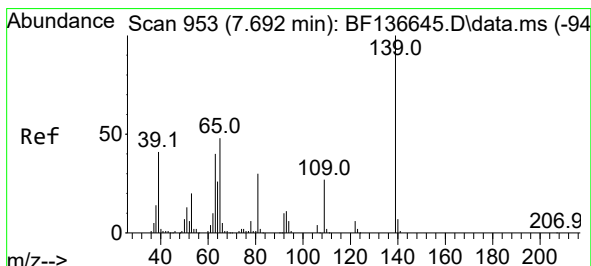
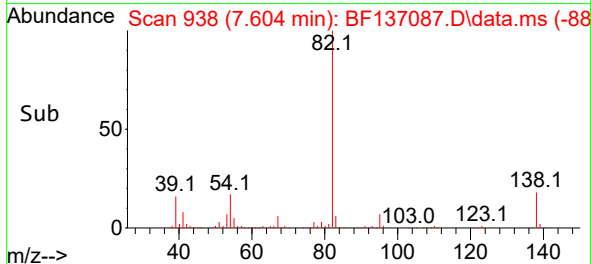
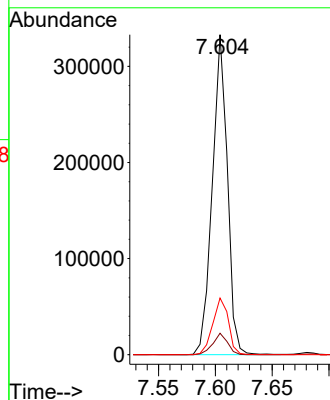
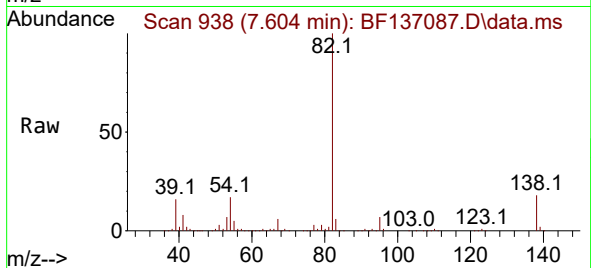




#25
Isophorone
Concen: 39.467 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

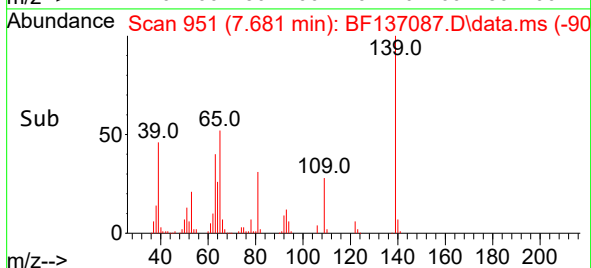
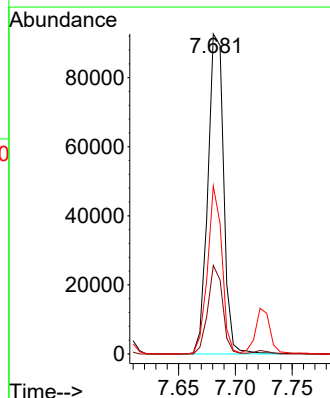
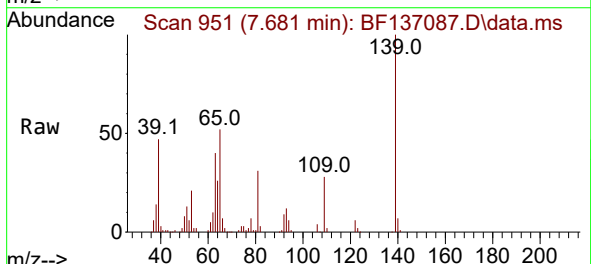
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

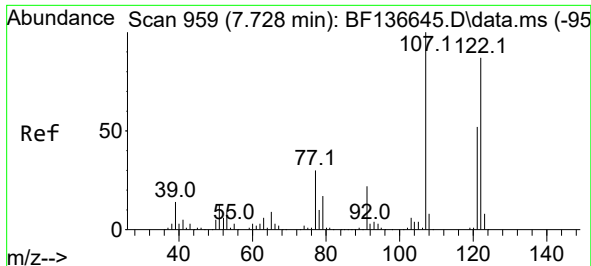
Tgt Ion: 82 Resp: 306992
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.7 14.5 21.7



#26
2-Nitrophenol
Concen: 43.628 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion: 139 Resp: 89384
Ion Ratio Lower Upper
139 100
109 27.6 21.9 32.9
65 52.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 51.181 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

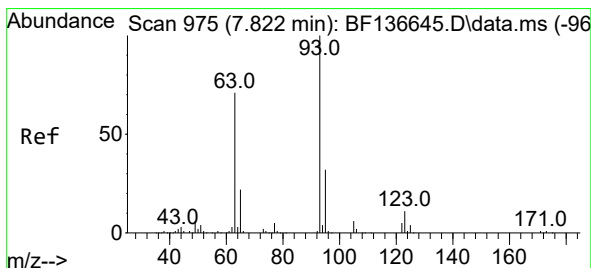
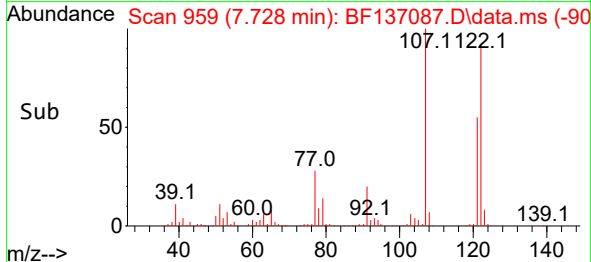
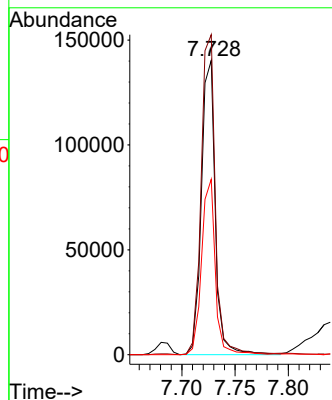
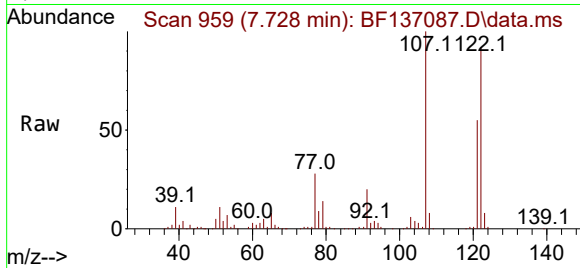
Tgt Ion:122 Resp: 127659

Ion Ratio Lower Upper

122 100

107 108.8 92.0 138.0

121 59.6 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.256 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

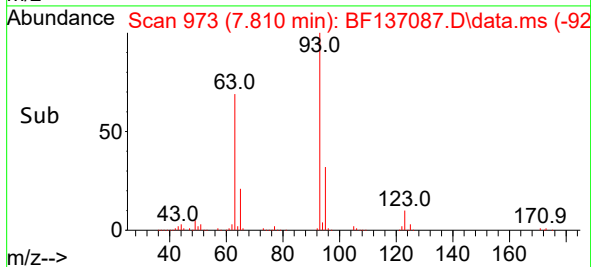
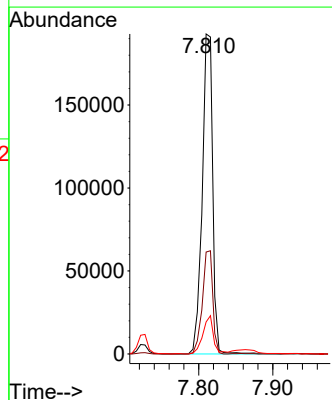
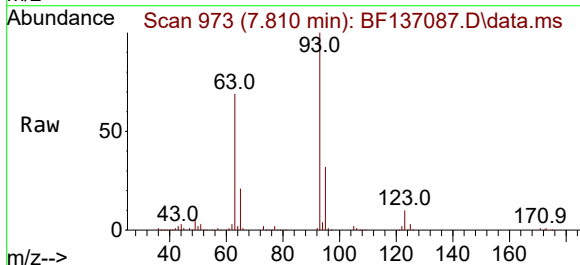
Tgt Ion: 93 Resp: 190337

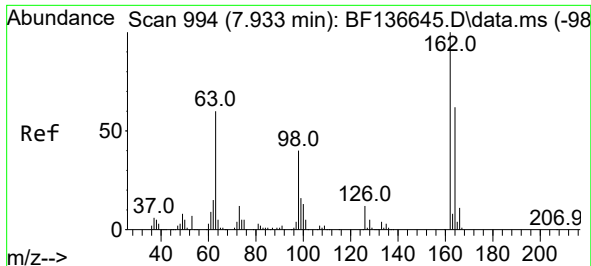
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 10.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.281 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

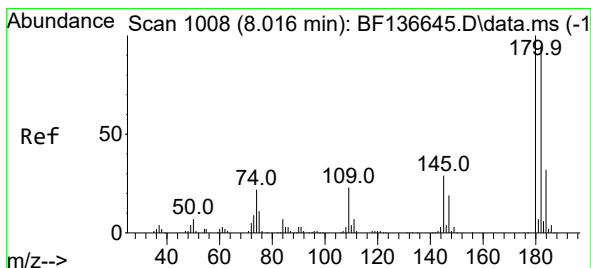
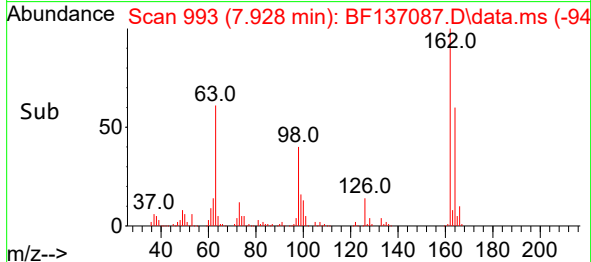
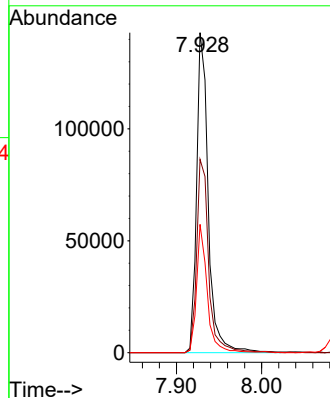
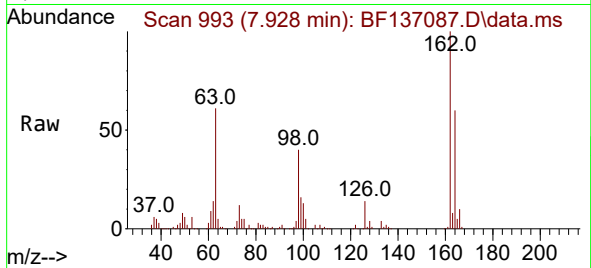
Tgt Ion:162 Resp: 135774

Ion Ratio Lower Upper

162 100

164 60.4 41.7 81.7

98 40.1 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 40.088 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

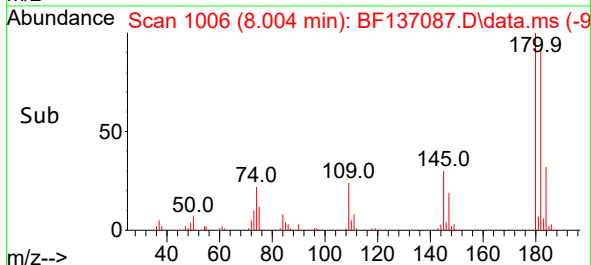
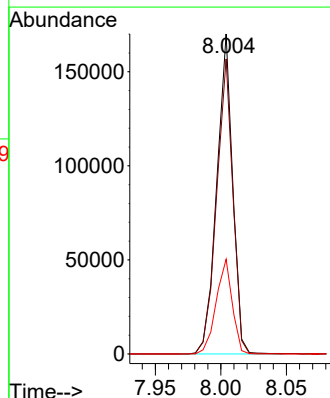
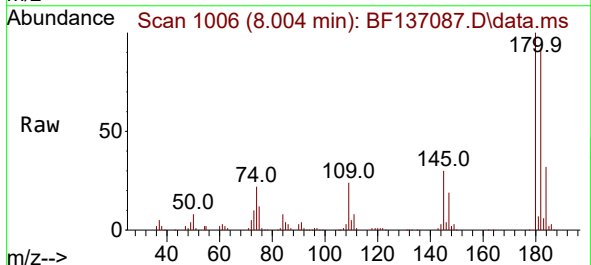
Tgt Ion:180 Resp: 143430

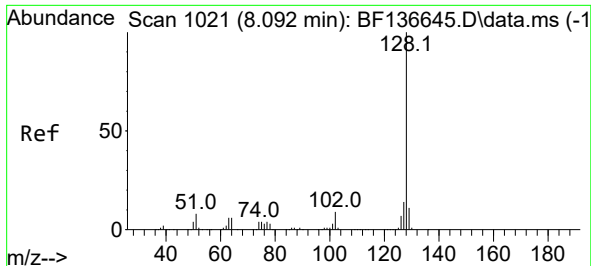
Ion Ratio Lower Upper

180 100

182 92.2 75.4 113.0

145 29.6 23.1 34.7

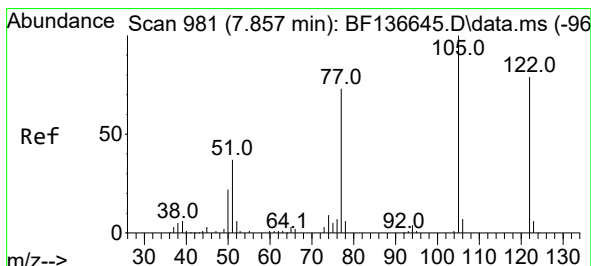
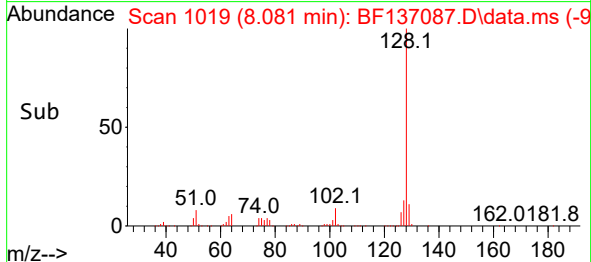
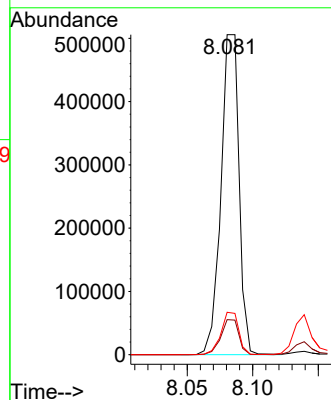
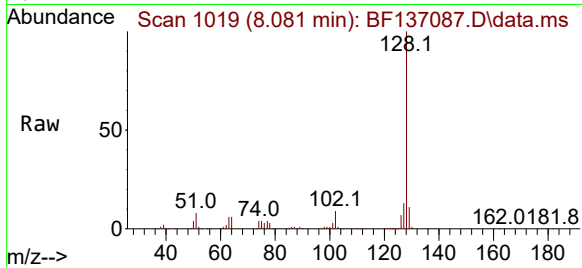




#31
Naphthalene
Concen: 40.307 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

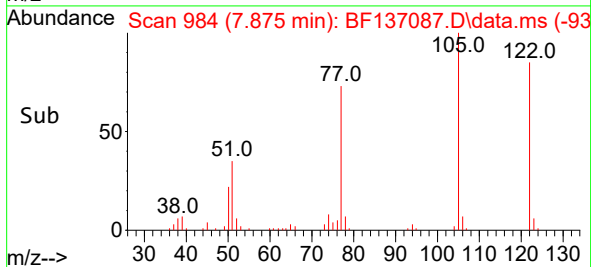
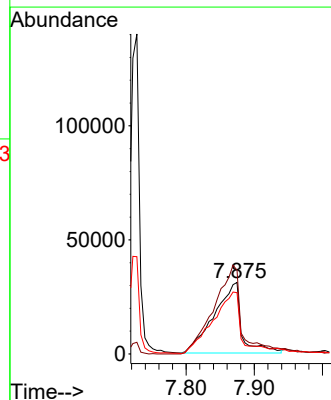
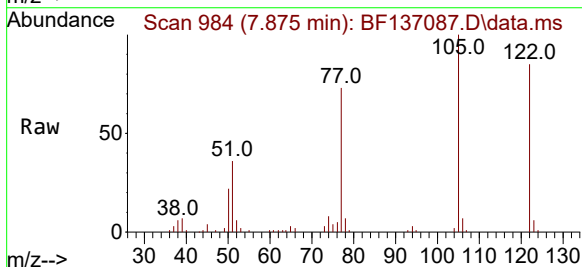
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

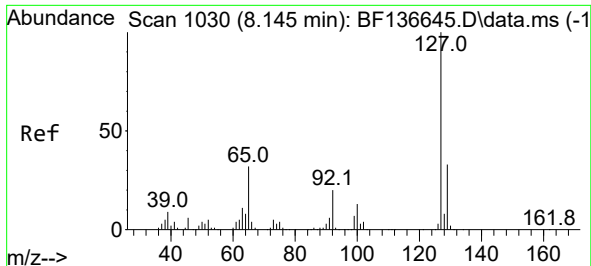
Tgt Ion:128 Resp: 484383
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 35.878 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:122 Resp: 86589
Ion Ratio Lower Upper
122 100
105 117.1 100.8 140.8
77 85.7 70.9 110.9

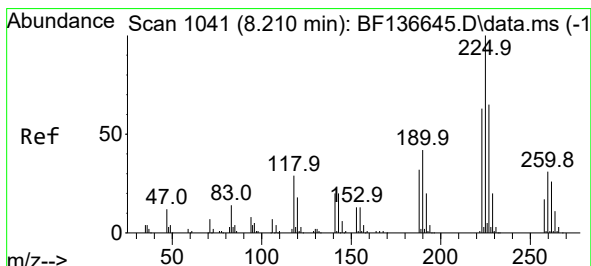
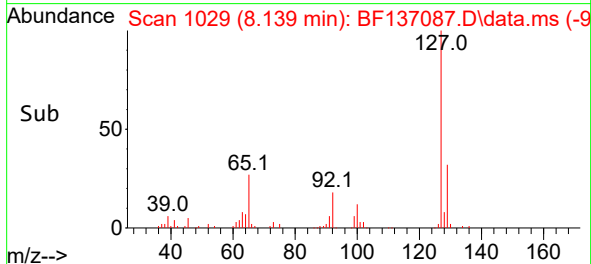
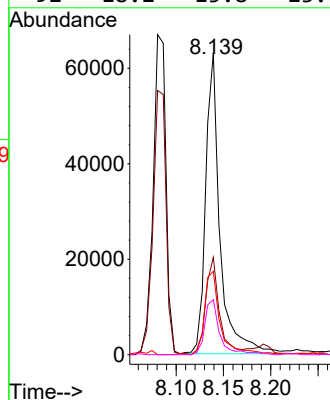
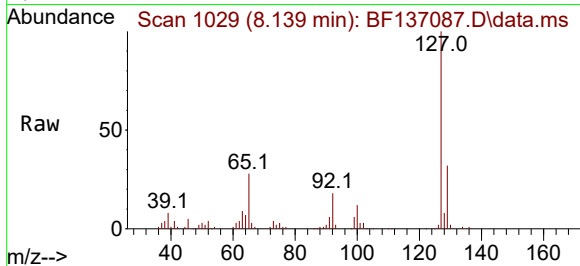




#33
4-Chloroaniline
Concen: 14.991 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

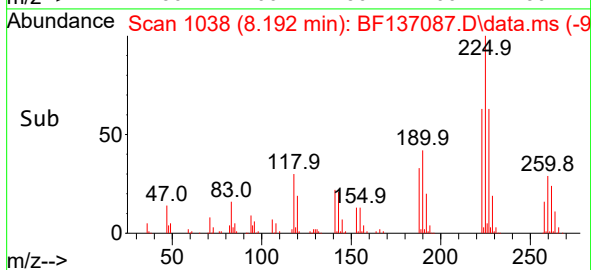
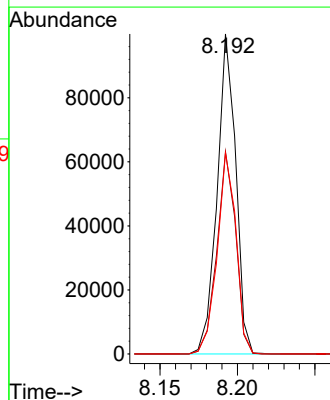
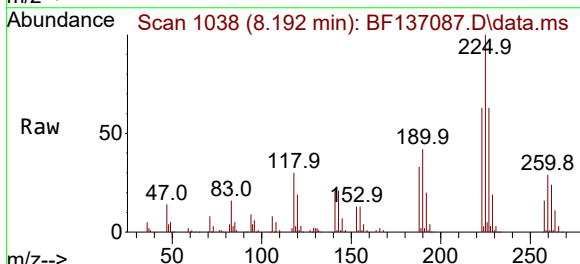
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

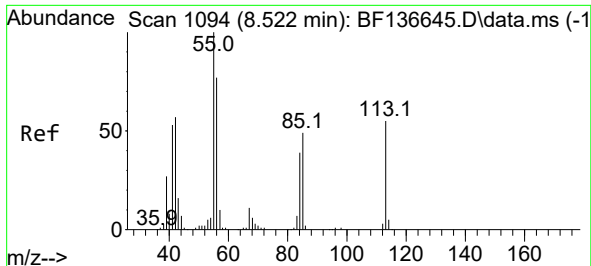
Tgt Ion:	127	Resp:	66517
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	27.6	25.8	38.8
92	18.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 38.408 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:	225	Resp:	83491
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	62.9	51.9	77.9

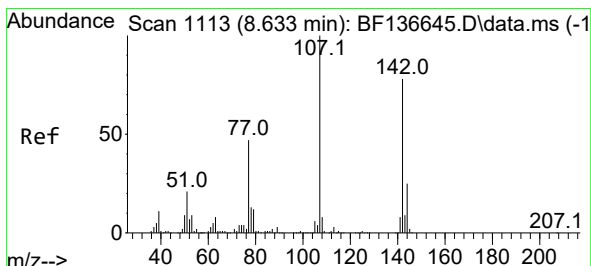
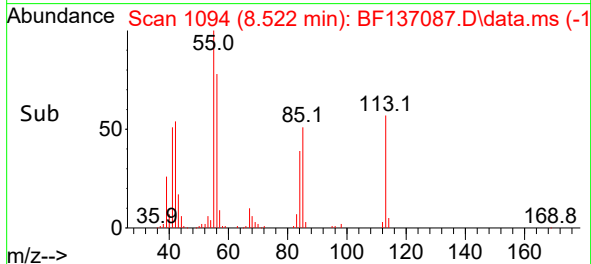
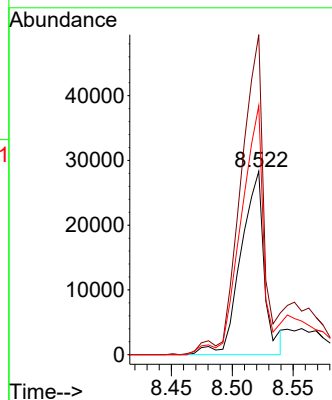
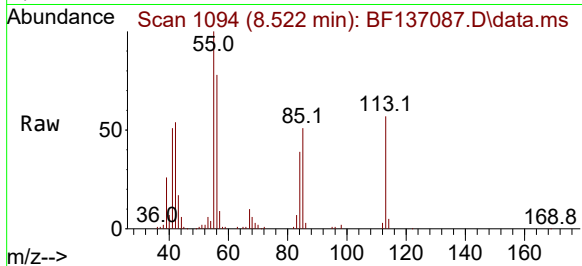




#35
 Caprolactam
 Concen: 35.795 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF137087.D
 Acq: 16 Jan 2024 19:07

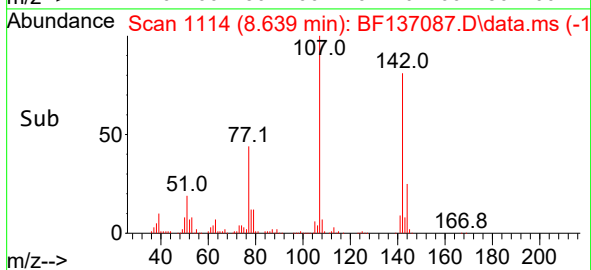
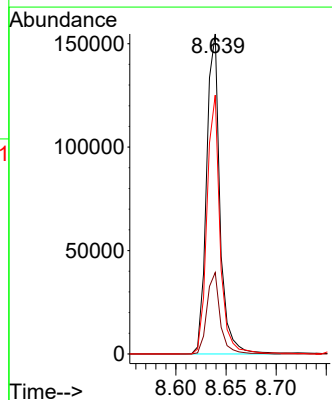
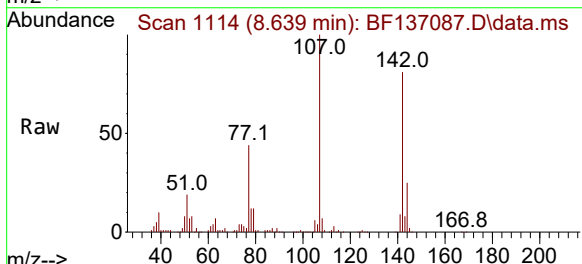
Instrument :
 BNA_F
 ClientSampleId :
 MH-EMSD

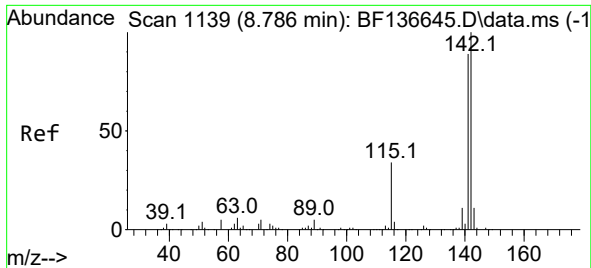
Tgt Ion:113 Resp: 37920
 Ion Ratio Lower Upper
 113 100
 55 174.6 163.1 203.1
 56 135.8 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.039 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF137087.D
 Acq: 16 Jan 2024 19:07

Tgt Ion:107 Resp: 144745
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.2 30.2
 142 80.9 62.3 93.5

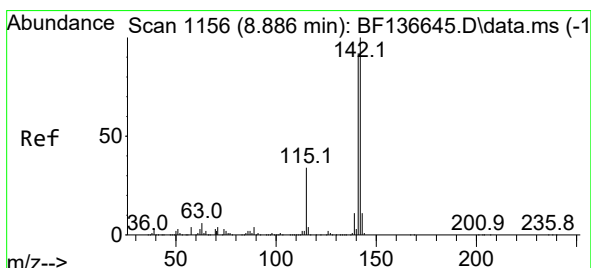
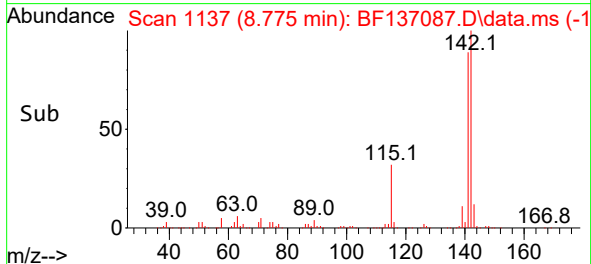
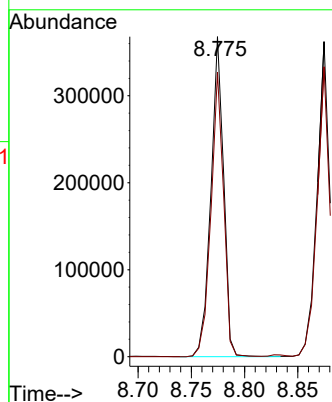
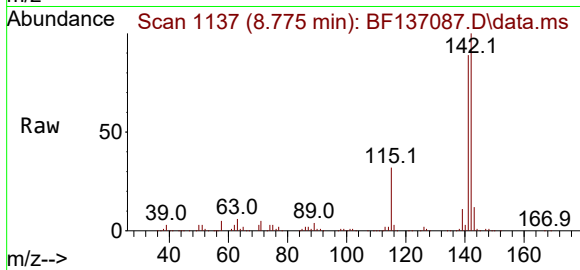




#37
2-Methylnaphthalene
Concen: 39.613 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

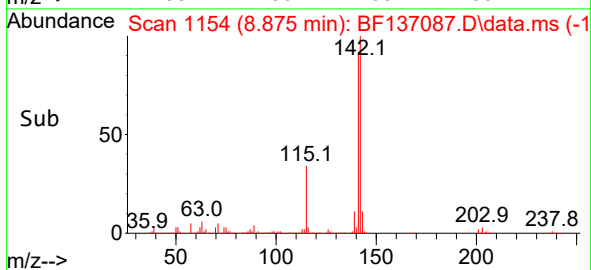
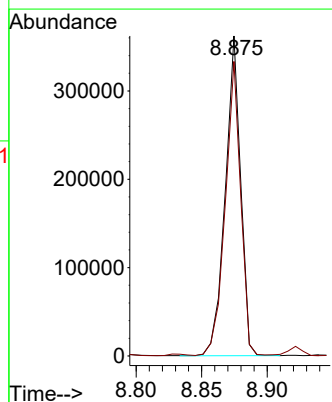
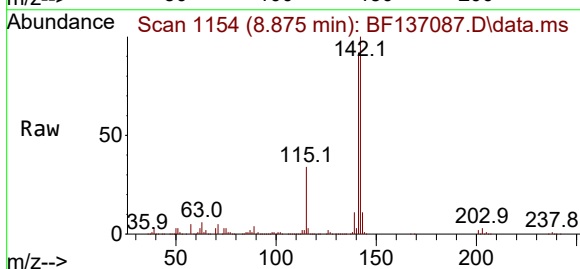
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

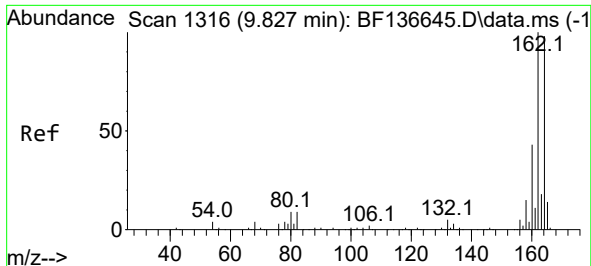
Tgt Ion:142 Resp: 306365
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#38
1-Methylnaphthalene
Concen: 38.831 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:142 Resp: 294640
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

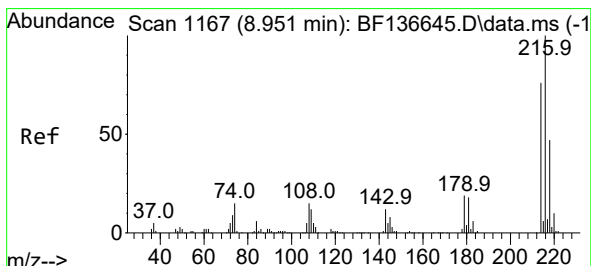
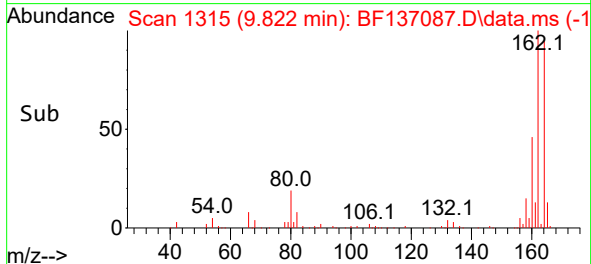
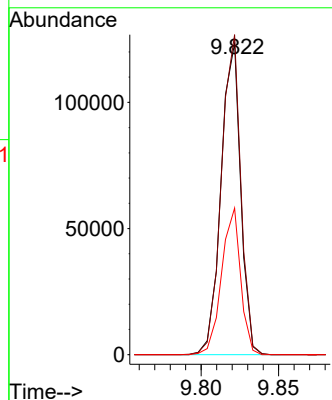
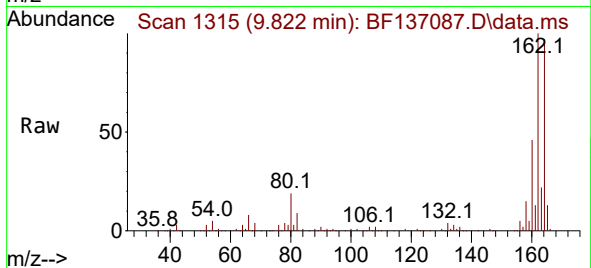
Tgt Ion:164 Resp: 108732

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

160 47.0 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.017 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Tgt Ion:216 Resp: 148223

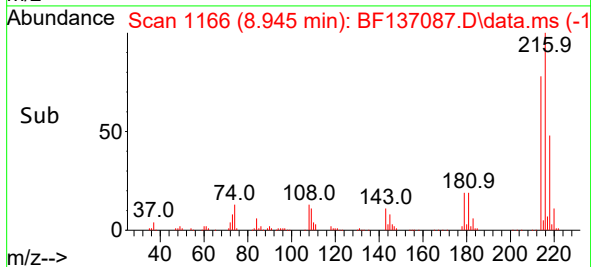
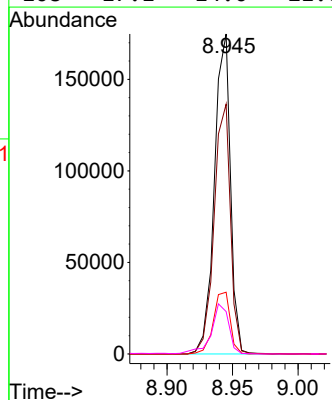
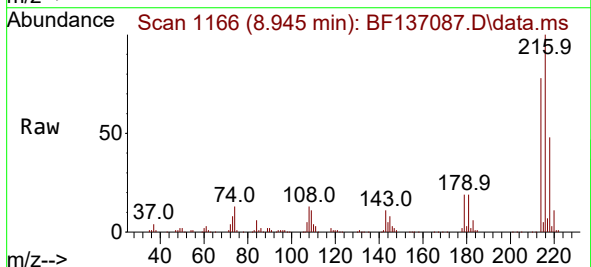
Ion Ratio Lower Upper

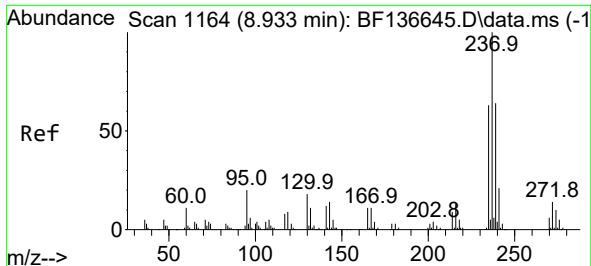
216 100

214 79.9 62.3 93.5

179 20.3 16.4 24.6

108 17.1 14.0 21.0

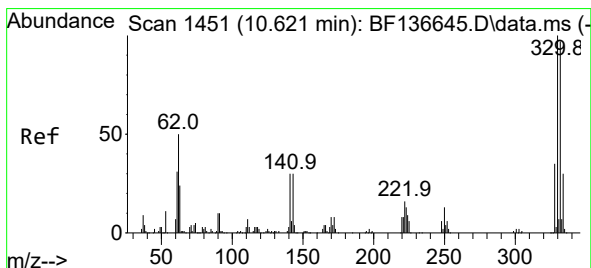
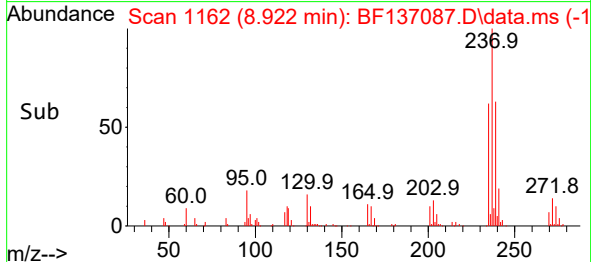
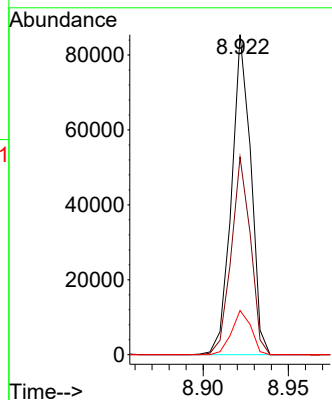
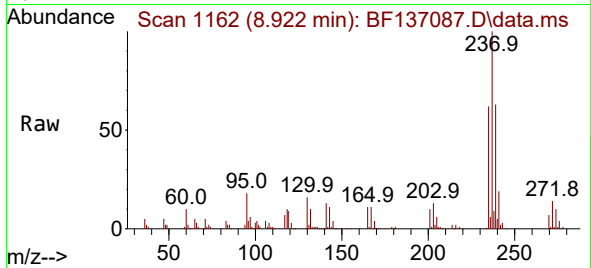




#41
Hexachlorocyclopentadiene
Concen: 63.535 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

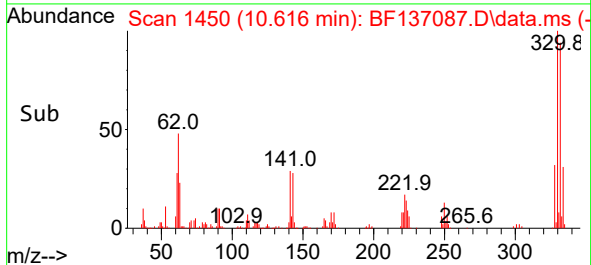
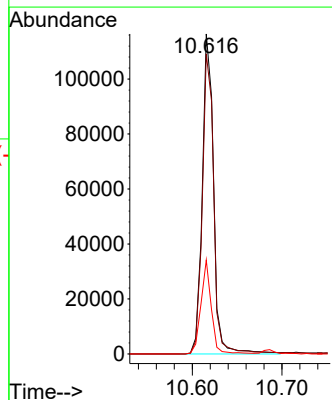
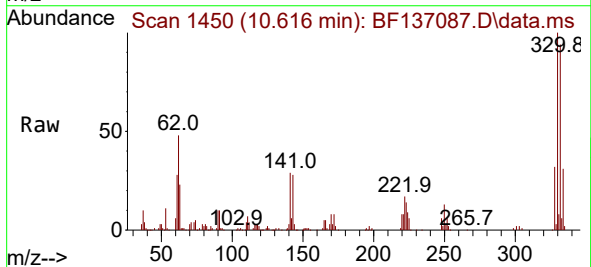
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

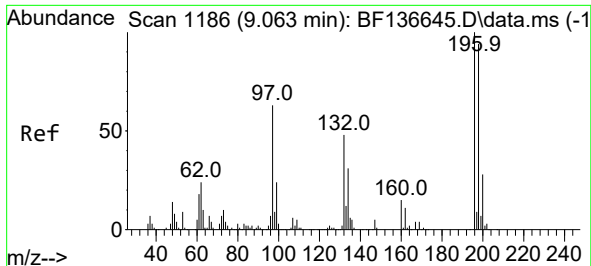
Tgt Ion:237 Resp: 67063
Ion Ratio Lower Upper
237 100
235 61.8 43.2 83.2
272 13.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 79.781 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:330 Resp: 102165
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 27.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.832 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

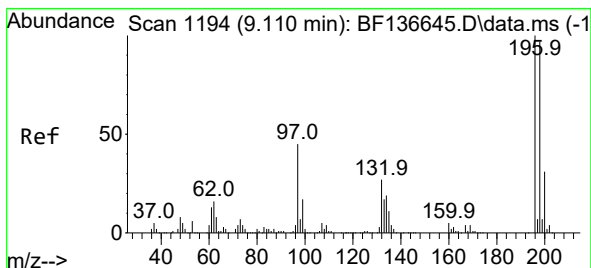
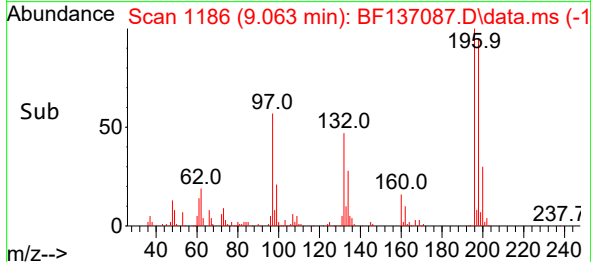
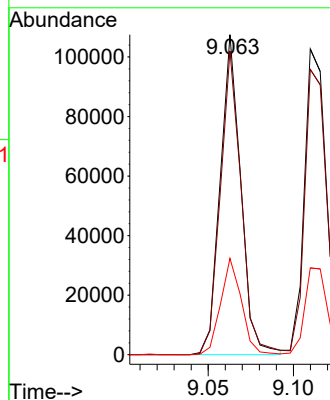
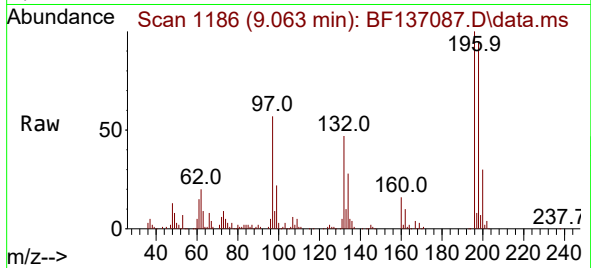
Tgt Ion:196 Resp: 90338

Ion Ratio Lower Upper

196 100

198 95.0 75.1 112.7

200 30.1 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 42.235 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Tgt Ion:196 Resp: 101640

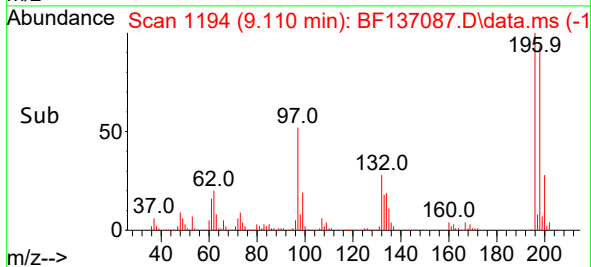
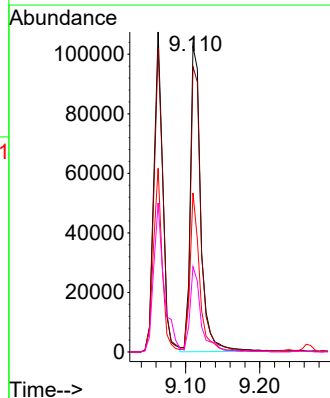
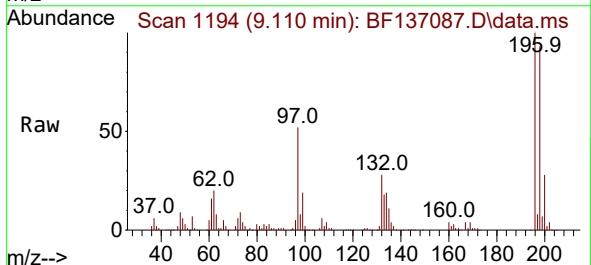
Ion Ratio Lower Upper

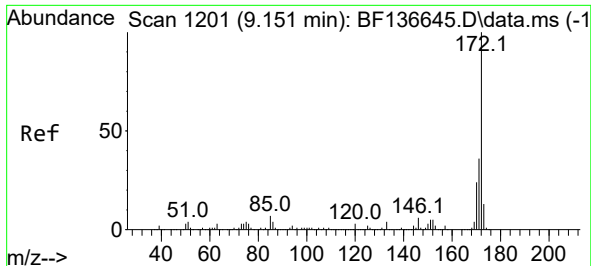
196 100

198 93.3 77.0 115.6

97 52.0 36.1 54.1

132 27.9 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 54.985 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

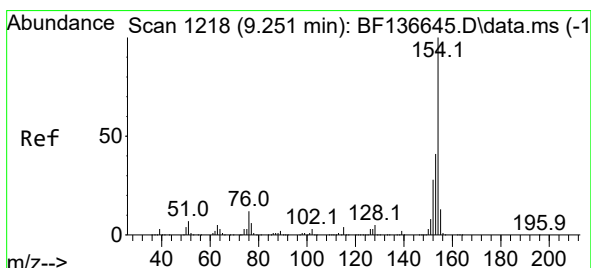
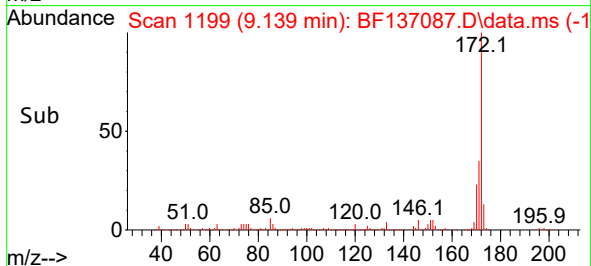
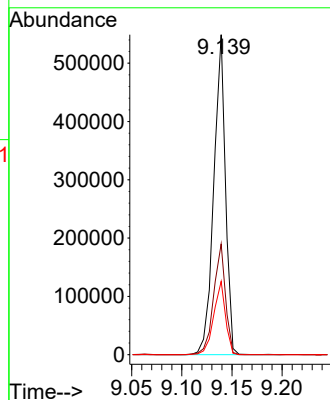
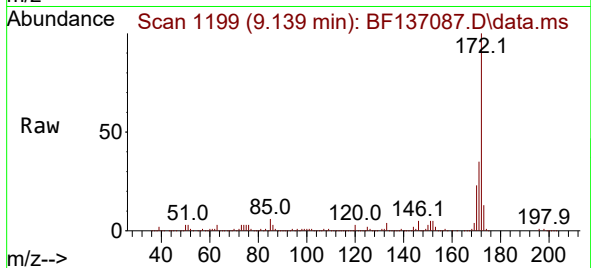
Tgt Ion:172 Resp: 444514

Ion Ratio Lower Upper

172 100

171 34.6 29.0 43.6

170 22.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.052 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

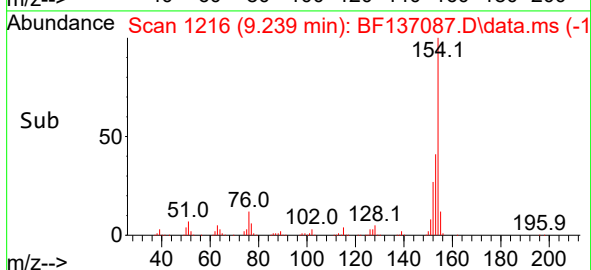
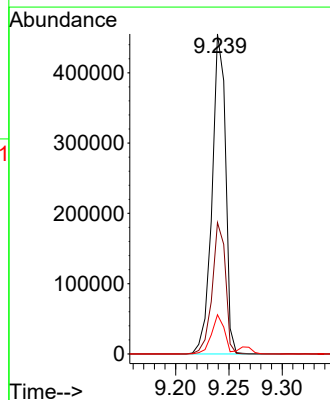
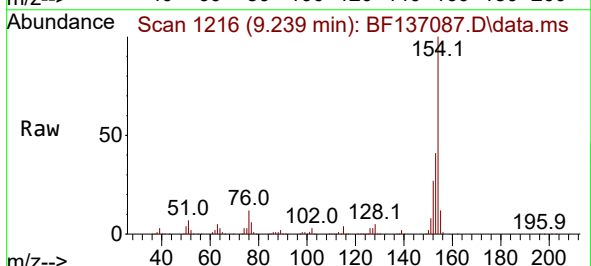
Tgt Ion:154 Resp: 401946

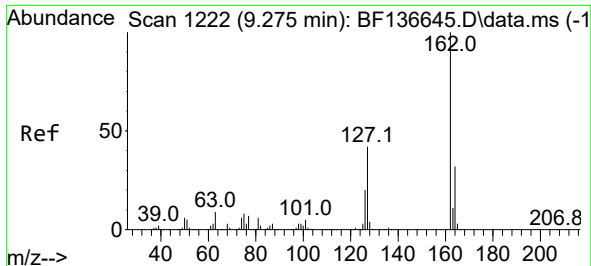
Ion Ratio Lower Upper

154 100

153 41.1 21.1 61.1

76 12.3 0.0 31.7

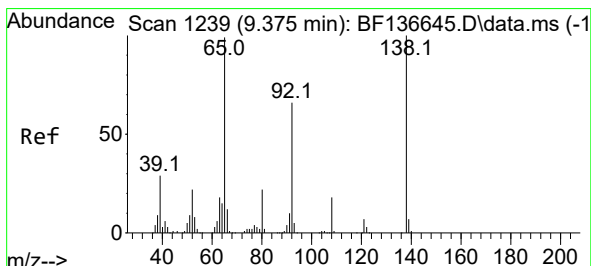
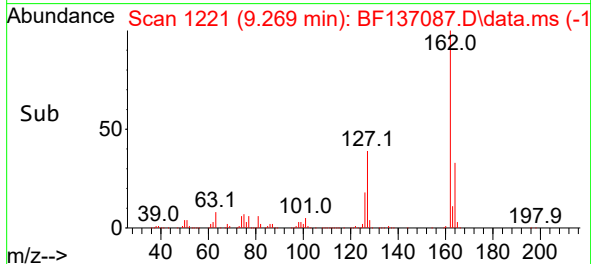
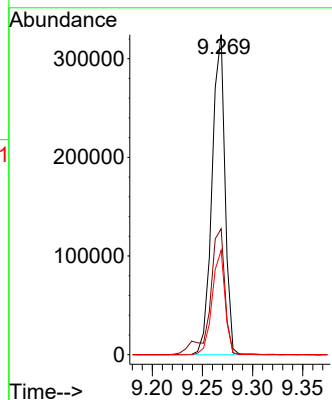
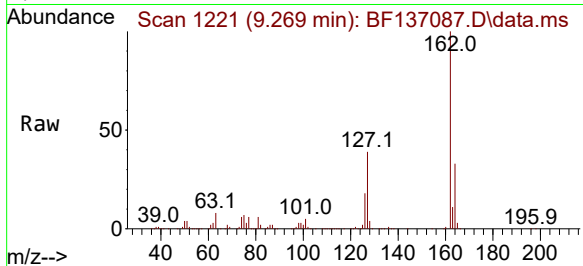




#47
2-Chloronaphthalene
Concen: 41.977 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

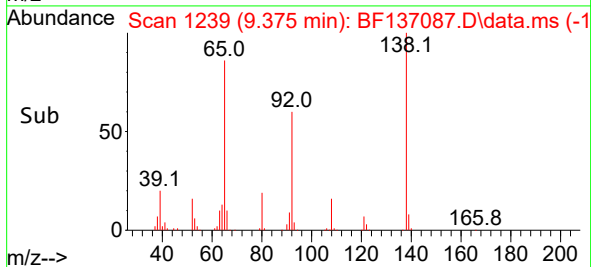
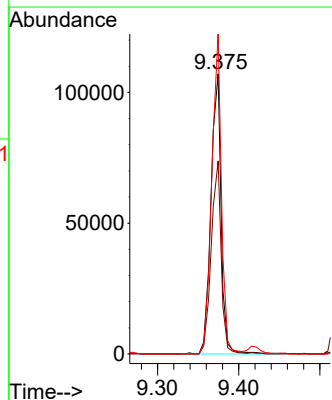
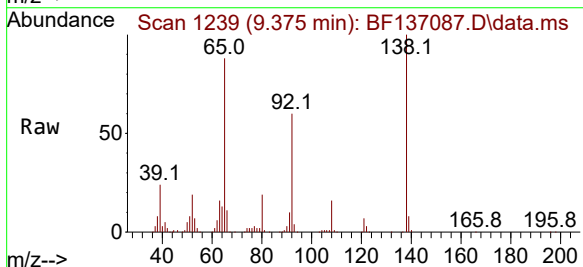
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

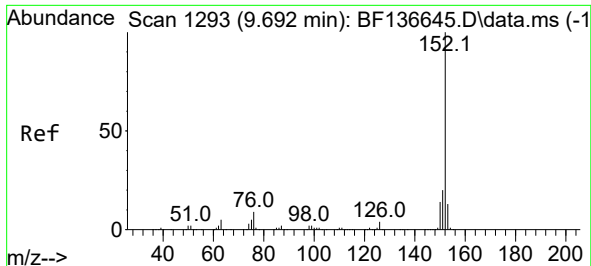
Tgt Ion:162 Resp: 291171
Ion Ratio Lower Upper
162 100
127 39.4 33.6 50.4
164 32.6 25.7 38.5



#48
2-Nitroaniline
Concen: 42.902 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion: 65 Resp: 93188
Ion Ratio Lower Upper
65 100
92 68.9 53.2 79.8
138 114.2 81.1 121.7

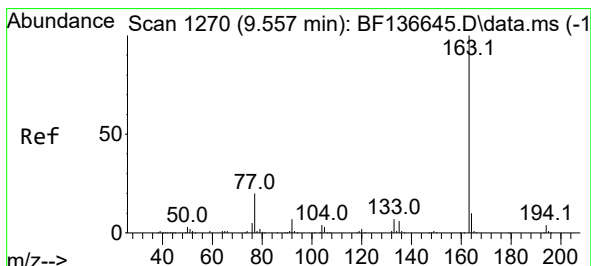
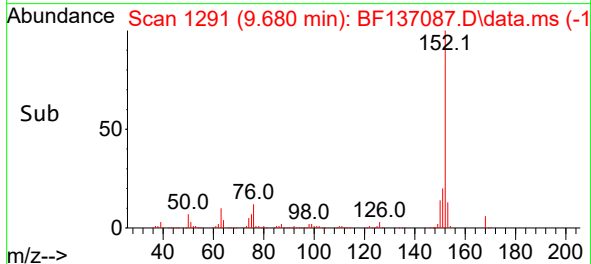
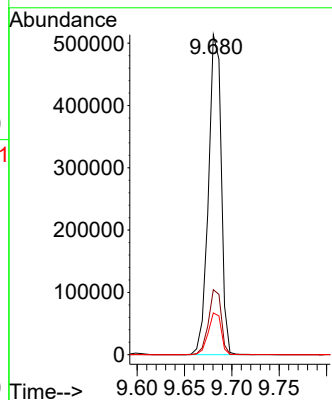
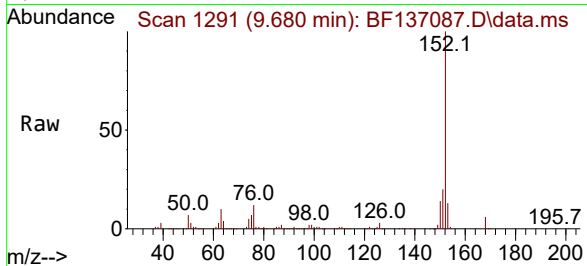




#49
Acenaphthylene
Concen: 45.415 ng
RT: 9.680 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

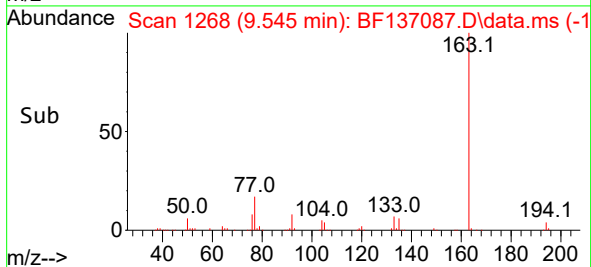
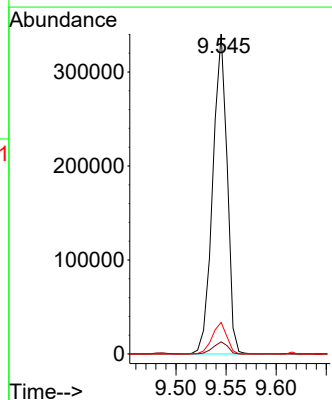
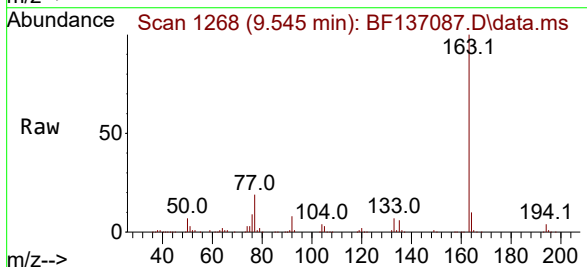
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

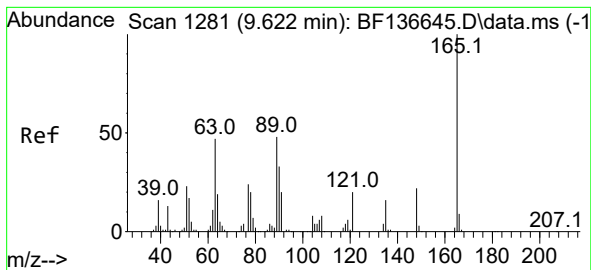
Tgt Ion:152 Resp: 481502
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.0 10.2 15.2



#50
Dimethylphthalate
Concen: 42.731 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:163 Resp: 339373
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 7.8 11.6

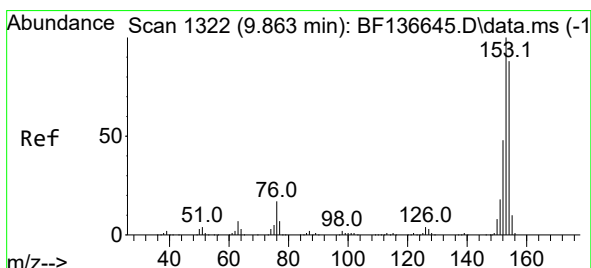
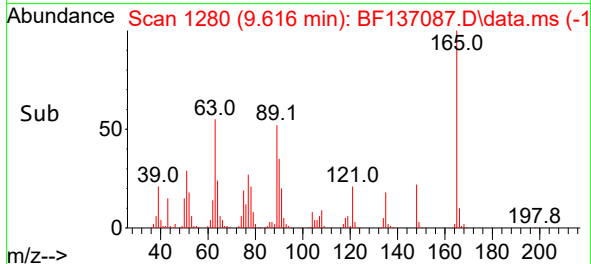
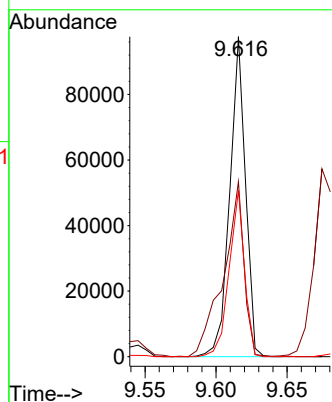
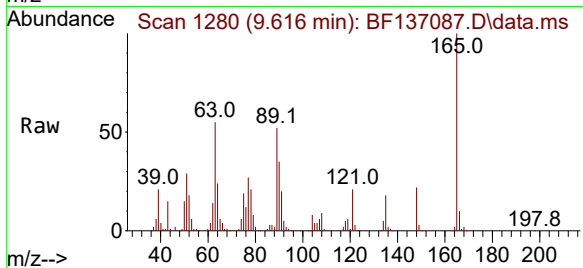




#51
2,6-Dinitrotoluene
Concen: 41.761 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

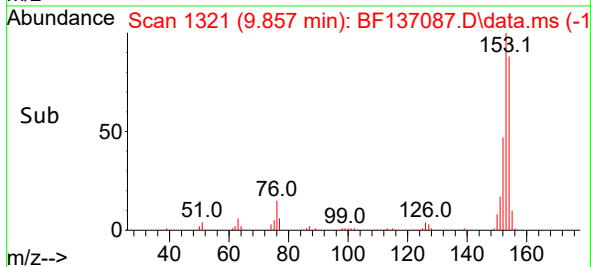
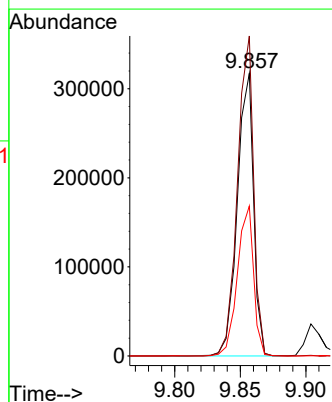
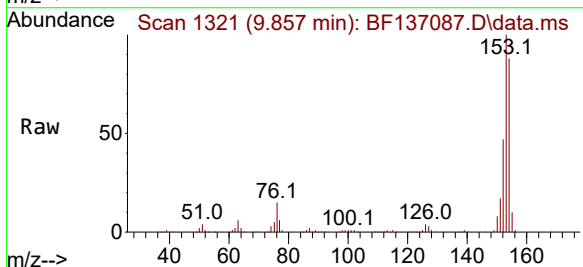
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

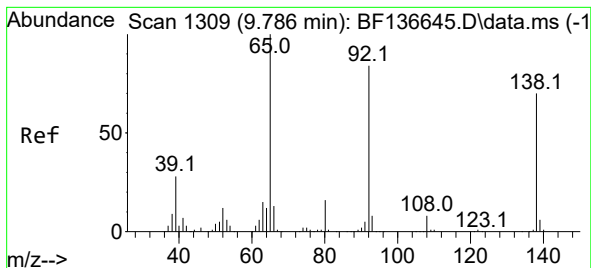
Tgt Ion:165 Resp: 75273
Ion Ratio Lower Upper
165 100
63 54.7 39.8 59.6
89 52.0 38.8 58.2



#52
Acenaphthene
Concen: 41.872 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:154 Resp: 275188
Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 53.0 43.7 65.5





#53

3-Nitroaniline

Concen: 29.472 ng

RT: 9.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

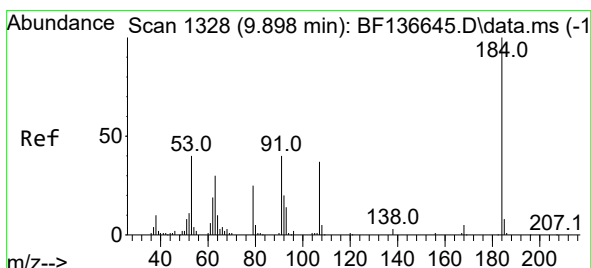
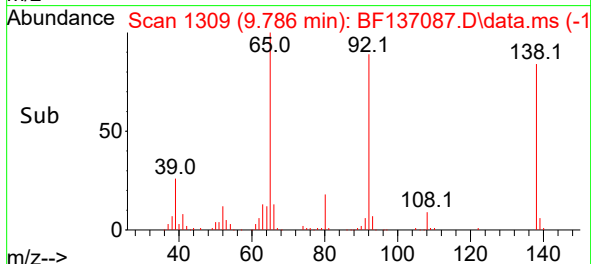
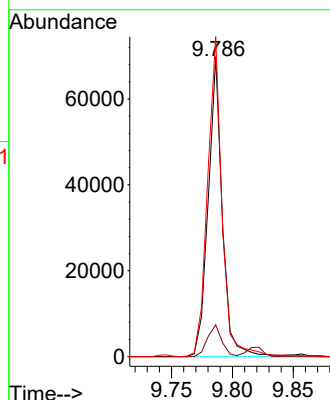
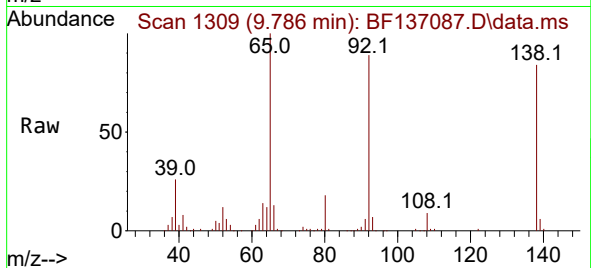
Tgt Ion:138 Resp: 56273

Ion Ratio Lower Upper

138 100

108 10.6 8.6 12.8

92 106.7 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 62.688 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

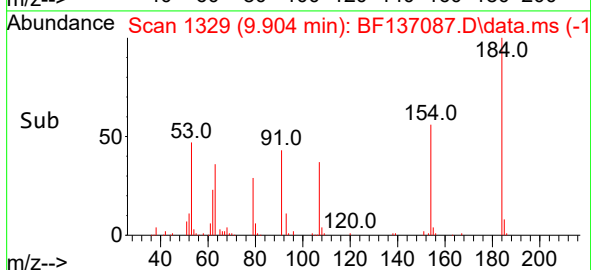
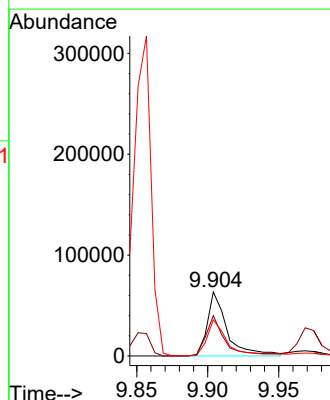
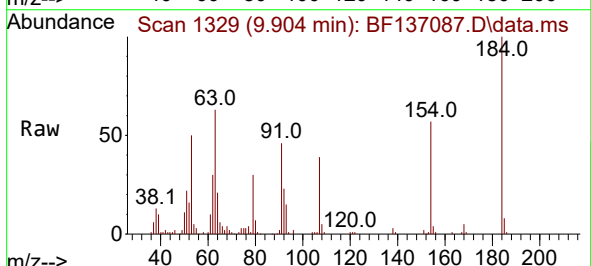
Tgt Ion:184 Resp: 61776

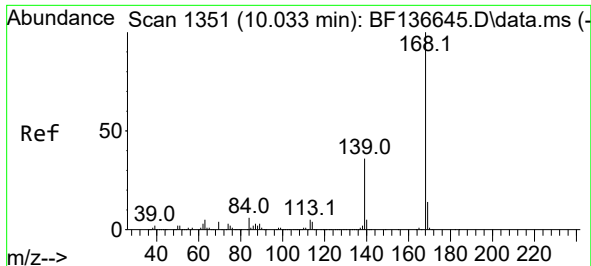
Ion Ratio Lower Upper

184 100

63 62.9 40.9 61.3#

154 56.5 42.7 64.1

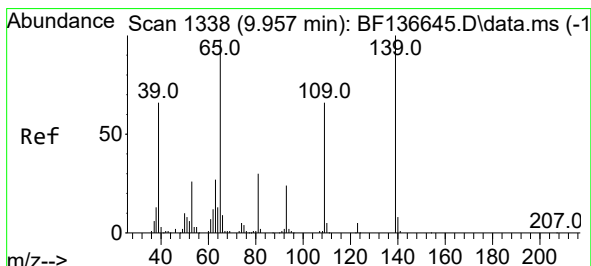
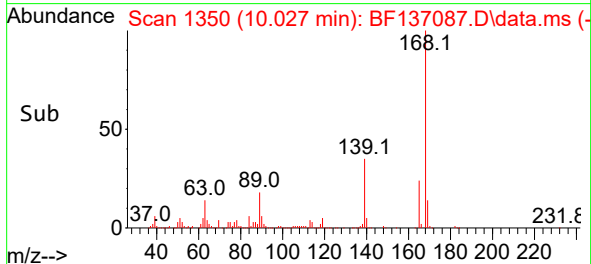
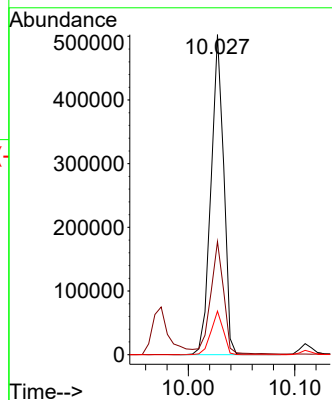
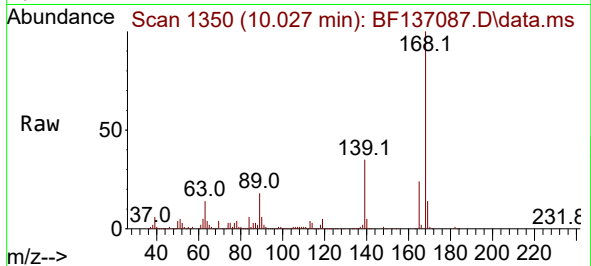




#55
Dibenzenofuran
Concen: 41.882 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

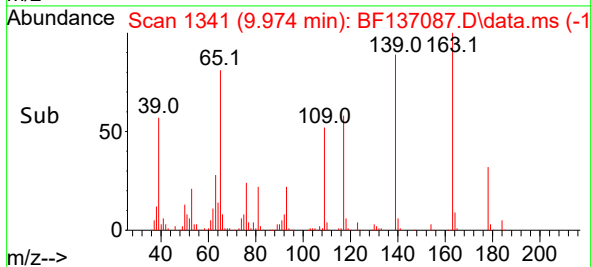
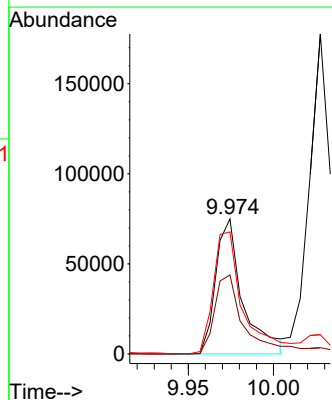
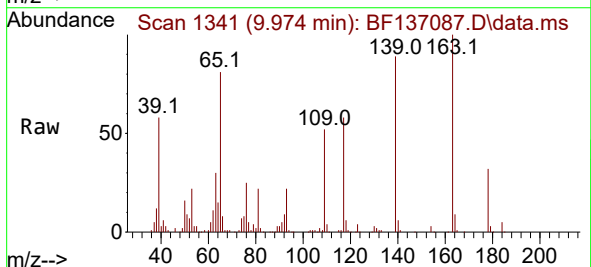
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

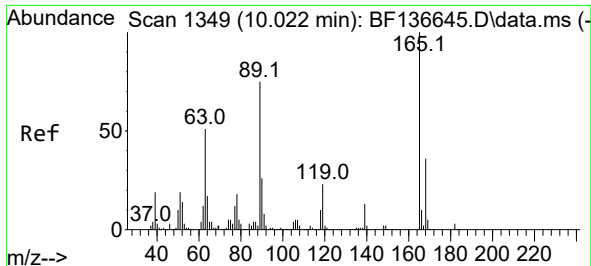
Tgt Ion:168 Resp: 417247
Ion Ratio Lower Upper
168 100
139 35.3 29.3 43.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 64.311 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:139 Resp: 82893
Ion Ratio Lower Upper
139 100
109 58.6 45.8 85.8
65 90.4 77.8 117.8

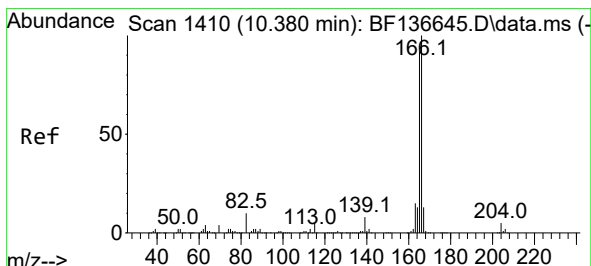
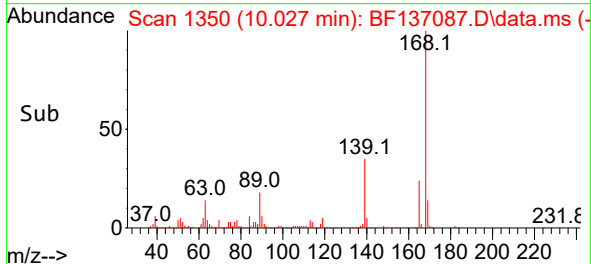
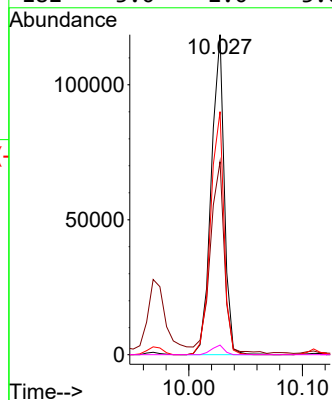
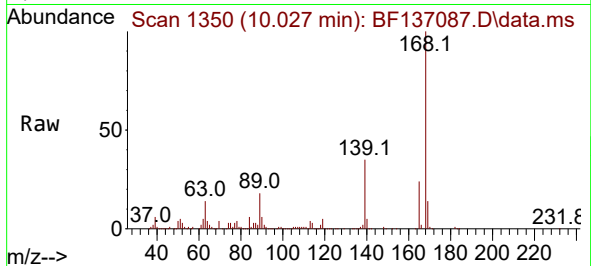




#57
2,4-Dinitrotoluene
Concen: 40.087 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

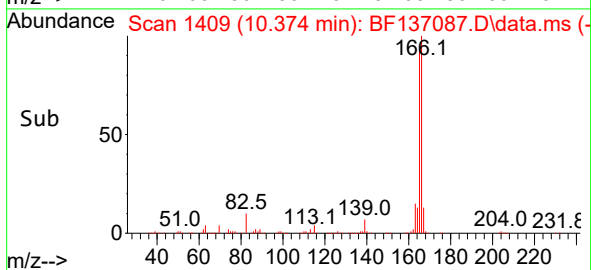
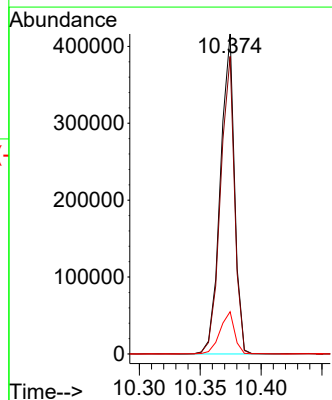
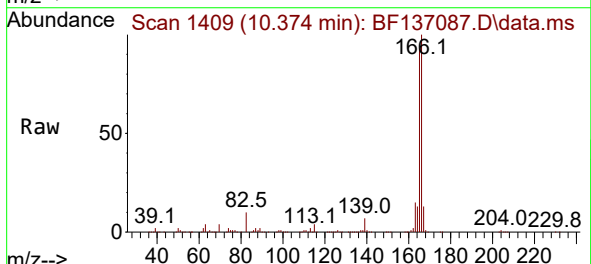
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

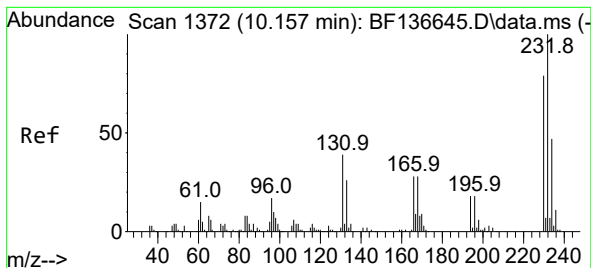
Tgt Ion:165 Resp: 93802
Ion Ratio Lower Upper
165 100
63 60.3 41.0 61.6
89 76.0 59.9 89.9
182 3.0 2.0 3.0



#58
Fluorene
Concen: 42.580 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:166 Resp: 336589
Ion Ratio Lower Upper
166 100
165 93.0 73.7 110.5
167 13.2 10.4 15.6

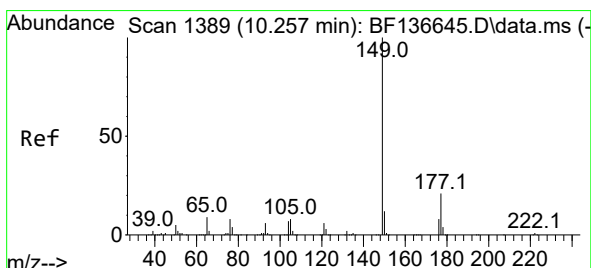
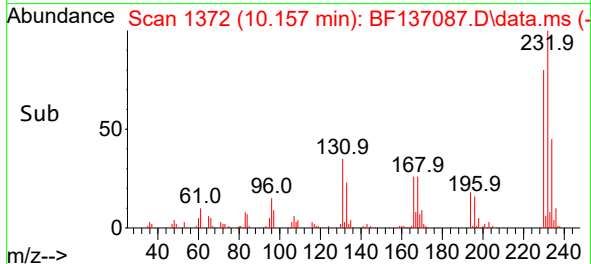
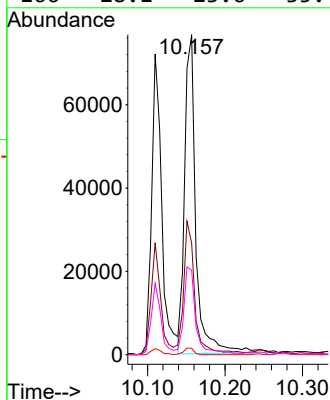
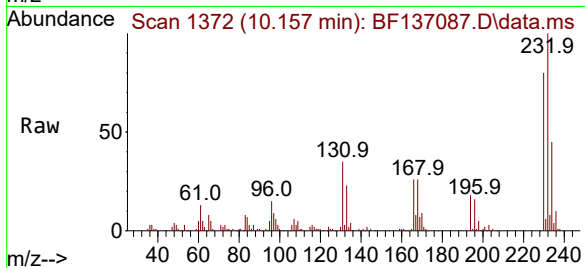




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.945 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

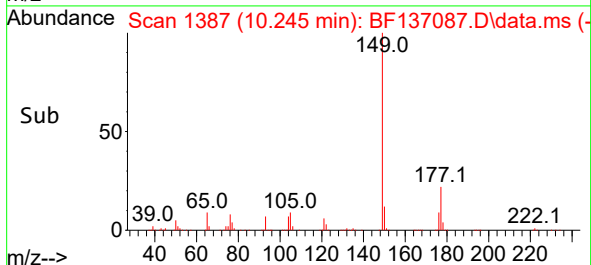
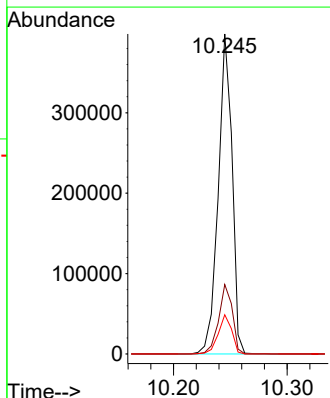
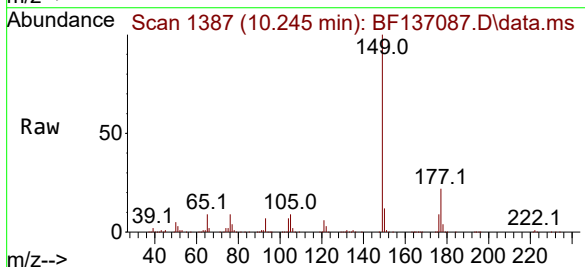
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

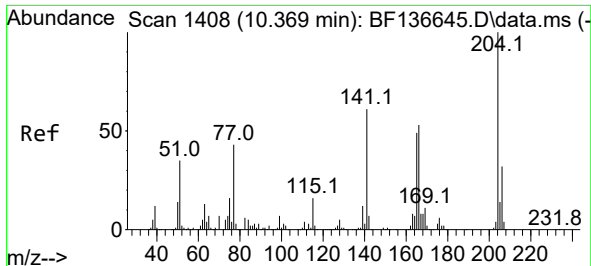
Tgt Ion:232 Resp: 77702
Ion Ratio Lower Upper
232 100
131 40.9 35.1 52.7
130 1.9 1.6 2.4
166 28.1 23.6 35.4



#60
Diethylphthalate
Concen: 40.871 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:149 Resp: 336793
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 12.3 9.3 13.9

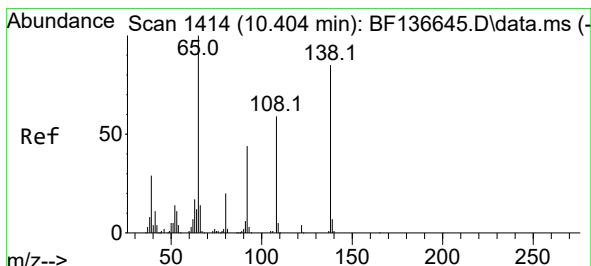
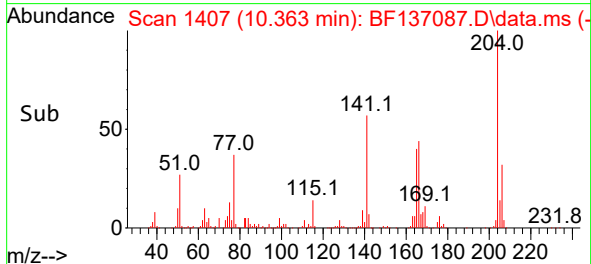
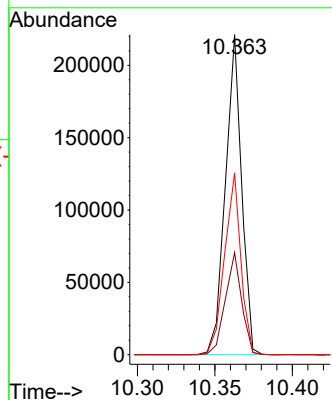
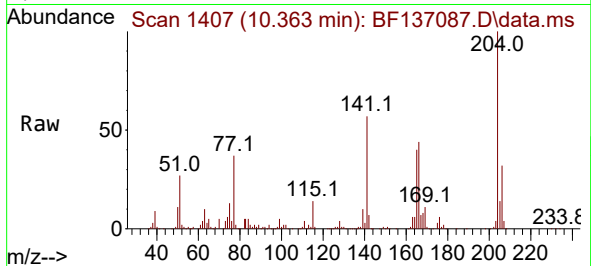




#61
4-Chlorophenyl-phenylether
Concen: 41.945 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

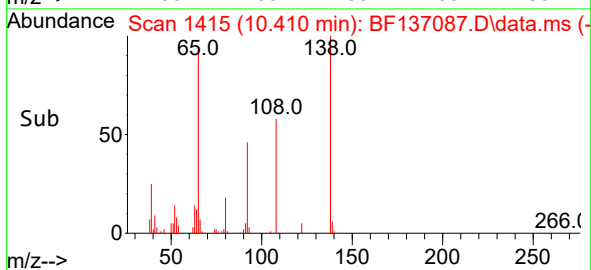
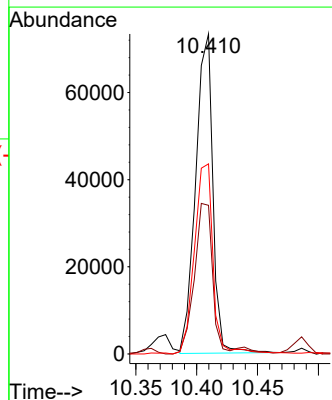
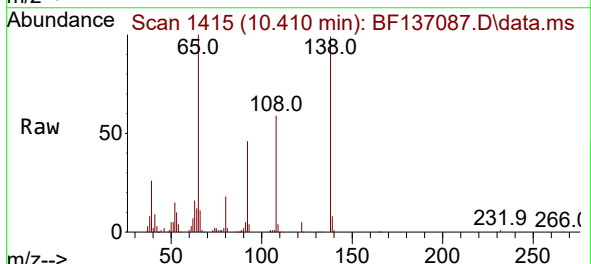
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

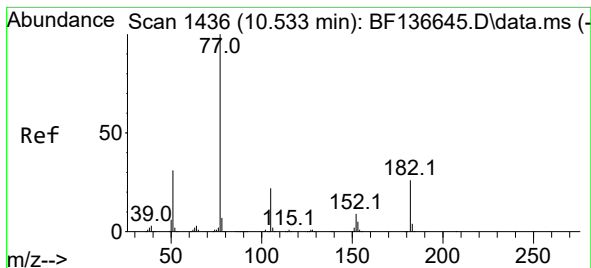
Tgt Ion:204 Resp: 161165
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 56.8 48.4 72.6



#62
4-Nitroaniline
Concen: 39.219 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:138 Resp: 72190
Ion Ratio Lower Upper
138 100
92 46.5 32.1 72.1
108 59.4 50.1 90.1





#63

Azobenzene

Concen: 40.662 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

Tgt Ion: 77 Resp: 312953

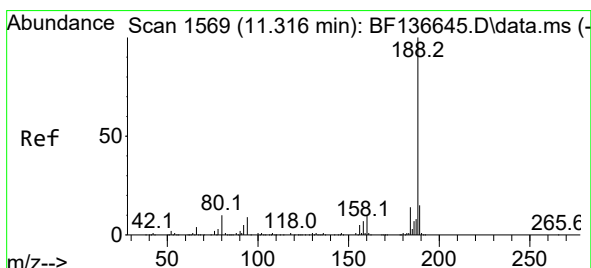
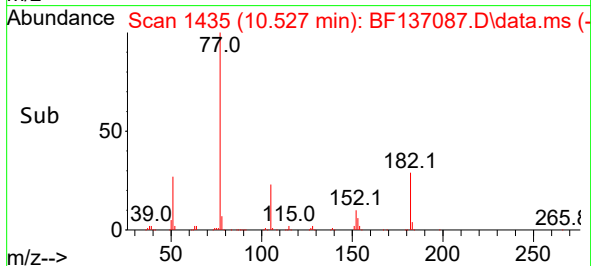
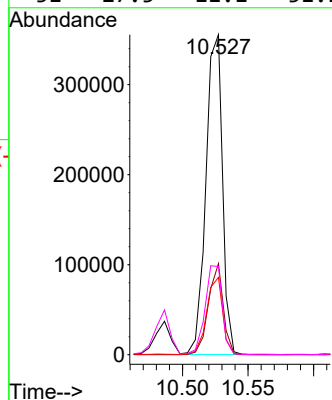
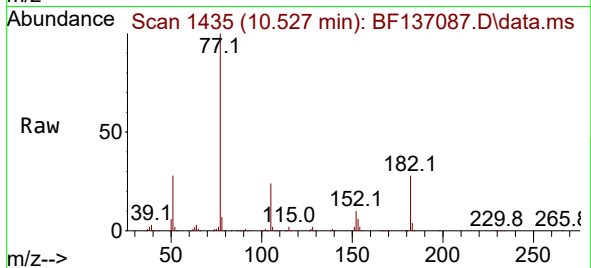
Ion Ratio Lower Upper

77 100

182 28.4 6.0 46.0

105 24.2 2.3 42.3

51 27.5 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

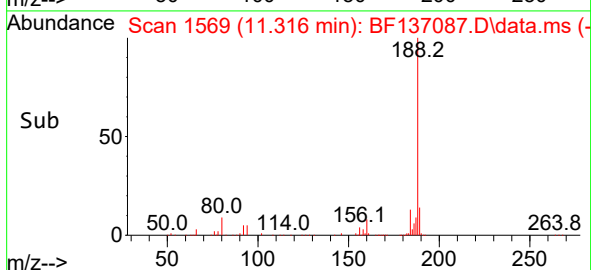
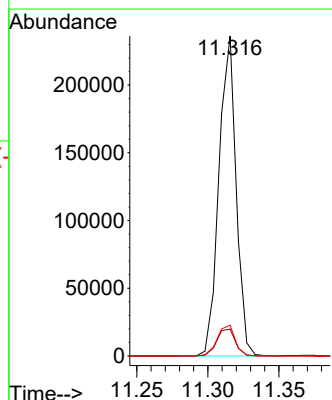
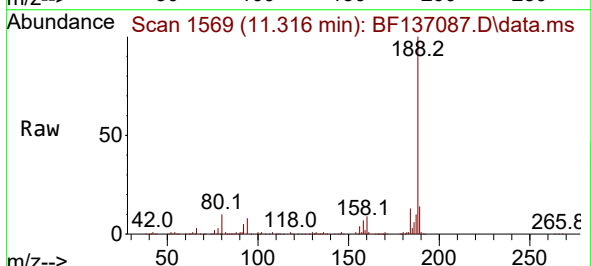
Tgt Ion:188 Resp: 198462

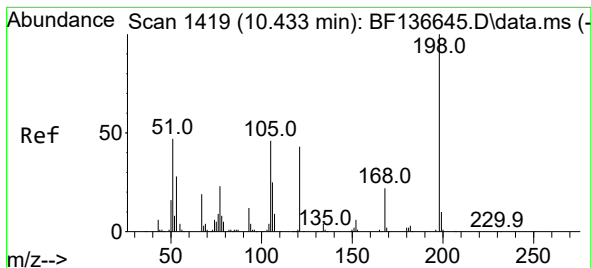
Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

80 9.6 8.1 12.1

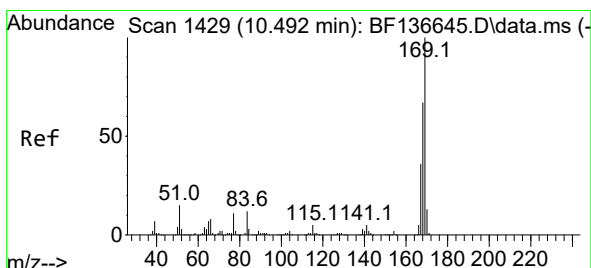
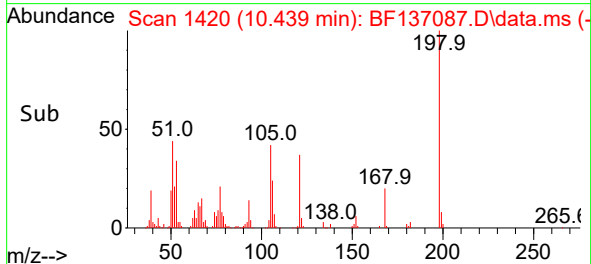
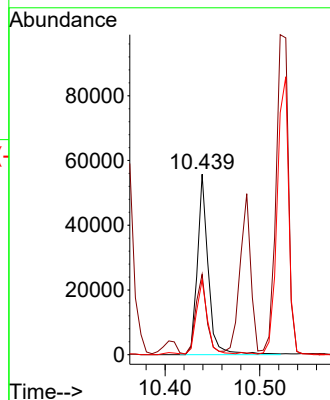
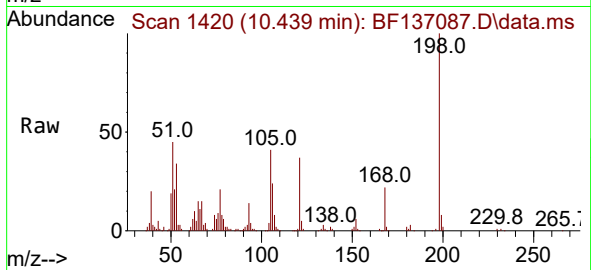




#65
4,6-Dinitro-2-methylphenol
Concen: 39.277 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

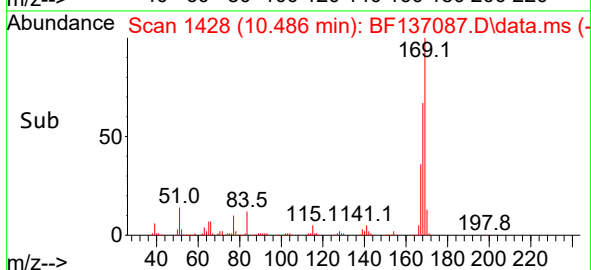
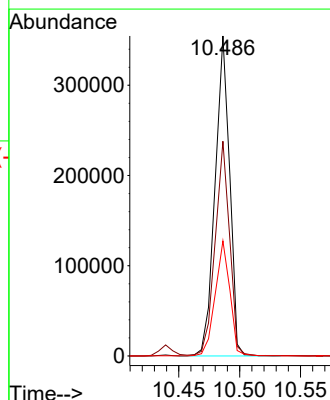
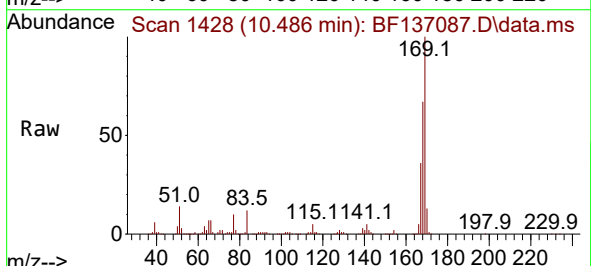
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

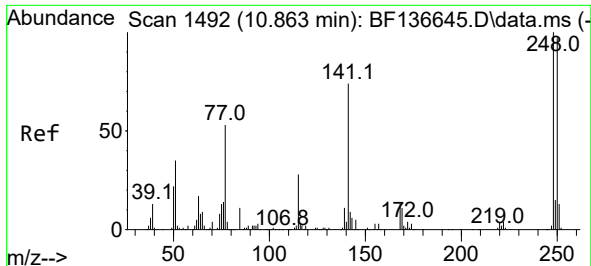
Tgt Ion:198 Resp: 44673
Ion Ratio Lower Upper
198 100
51 44.5 34.1 74.1
105 41.4 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 45.816 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:169 Resp: 295377
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 35.9 28.7 43.1

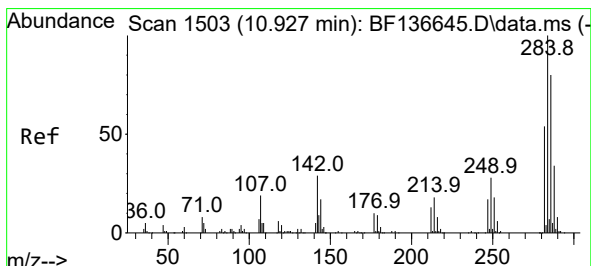
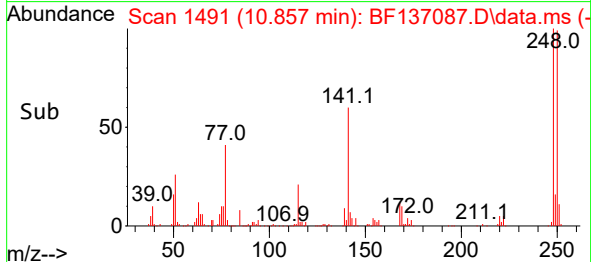
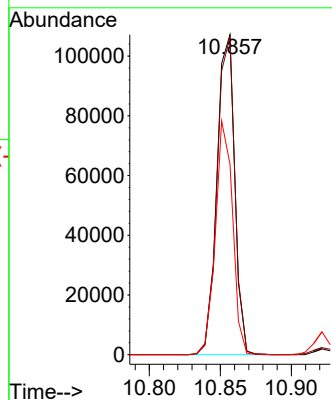
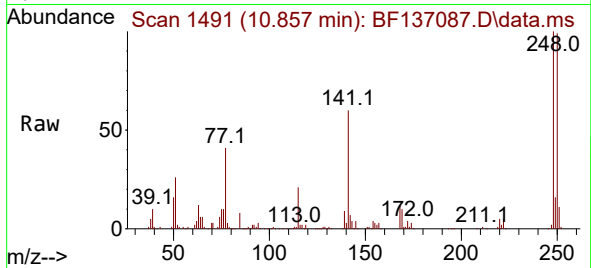




#67
4-Bromophenyl-phenylether
Concen: 42.406 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

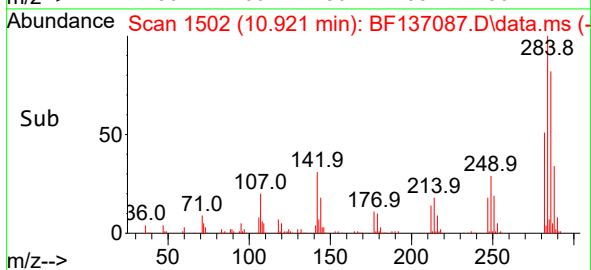
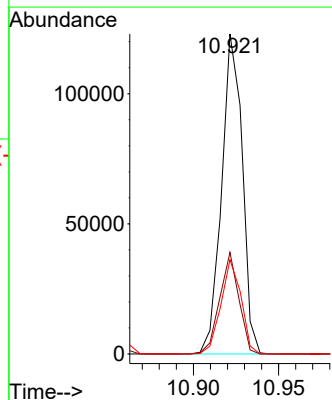
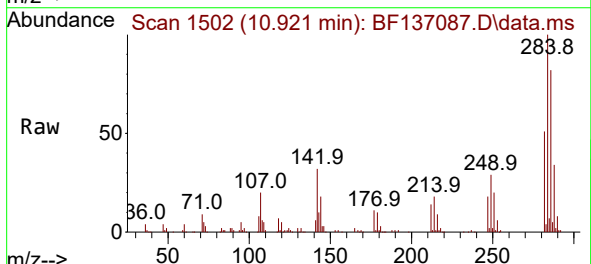
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

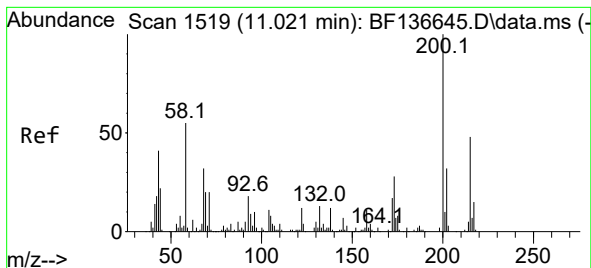
Tgt Ion:248 Resp: 93465
Ion Ratio Lower Upper
248 100
250 99.3 77.8 116.6
141 59.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.117 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:284 Resp: 103449
Ion Ratio Lower Upper
284 100
142 31.8 23.4 35.0
249 29.5 22.3 33.5





#69

Atrazine

Concen: 55.815 ng

RT: 11.021 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

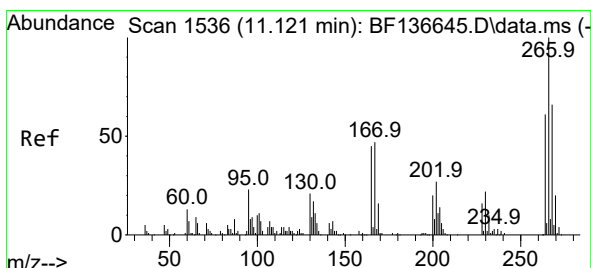
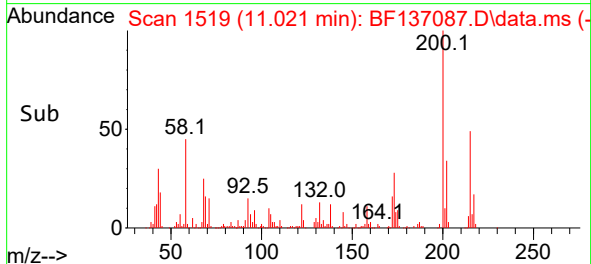
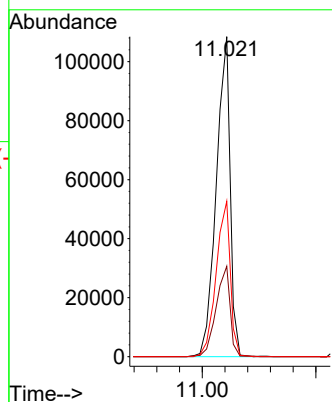
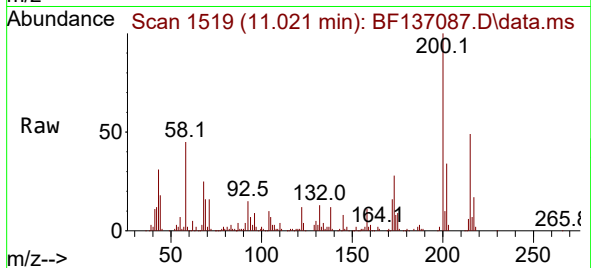
Tgt Ion:200 Resp: 92035

Ion Ratio Lower Upper

200 100

173 28.3 7.6 47.6

215 48.6 28.3 68.3



#70

Pentachlorophenol

Concen: 63.716 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

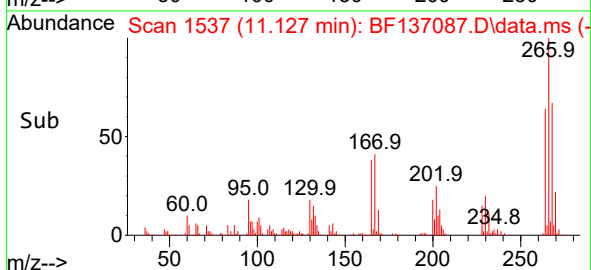
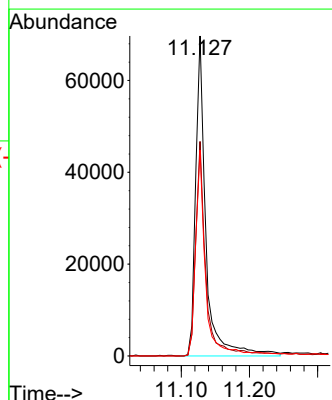
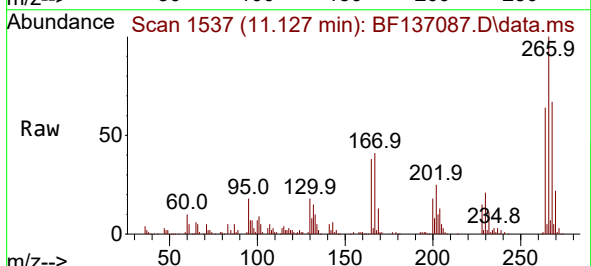
Tgt Ion:266 Resp: 72947

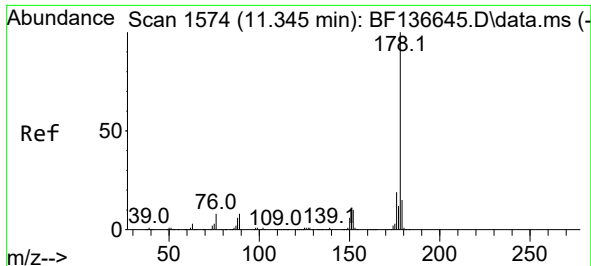
Ion Ratio Lower Upper

266 100

268 67.0 52.6 78.8

264 64.4 49.0 73.4

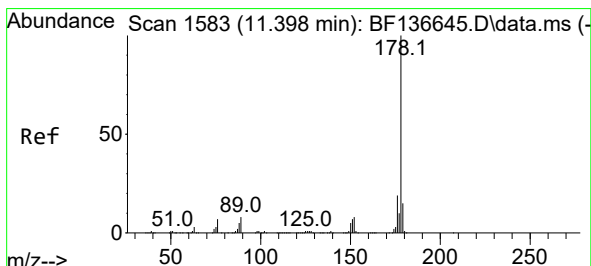
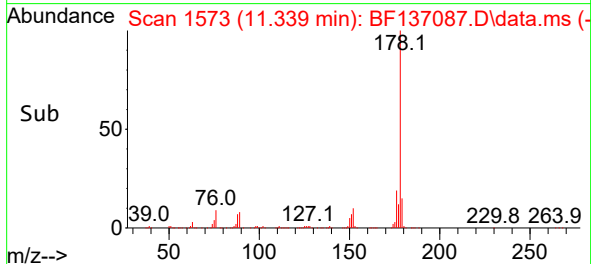
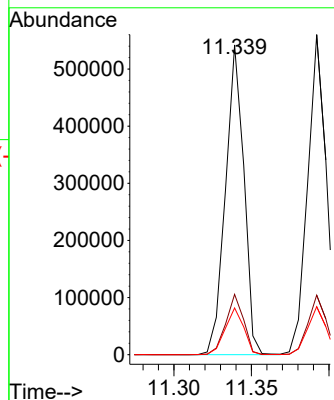
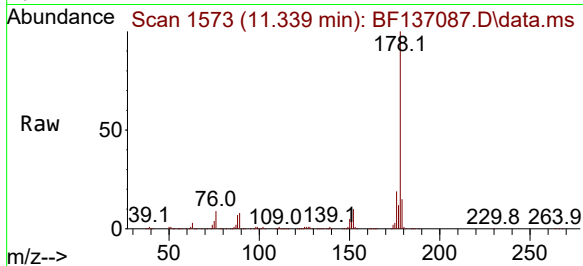




#71
Phenanthrene
Concen: 43.997 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

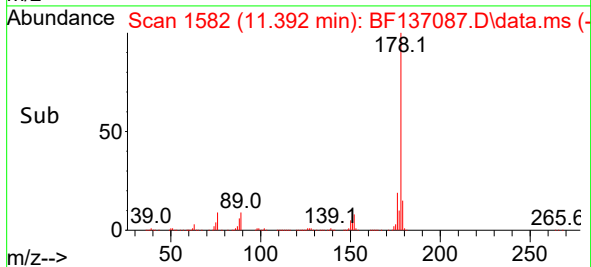
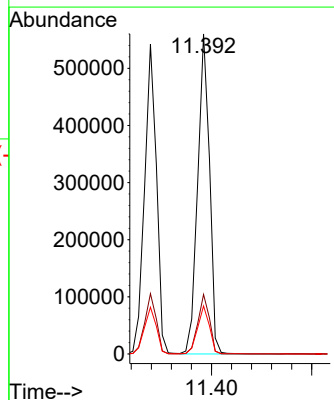
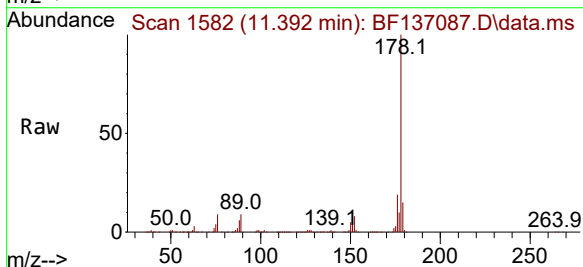
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

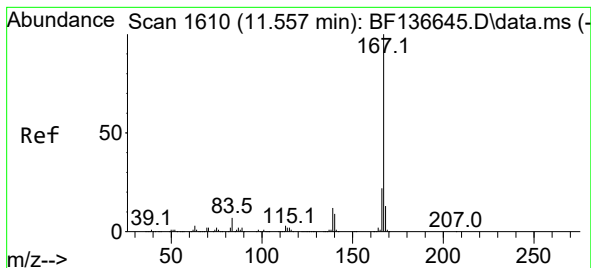
Tgt Ion:178 Resp: 448030
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.1 11.9 17.9



#72
Anthracene
Concen: 44.517 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:178 Resp: 459097
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.0 11.8 17.6





#73

Carbazole

Concen: 42.932 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

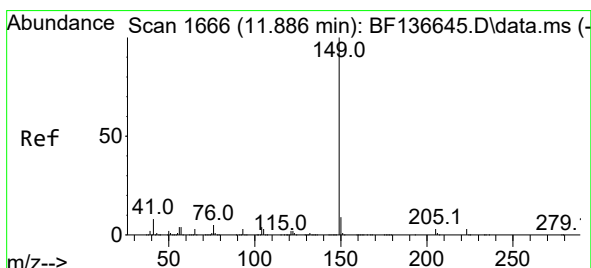
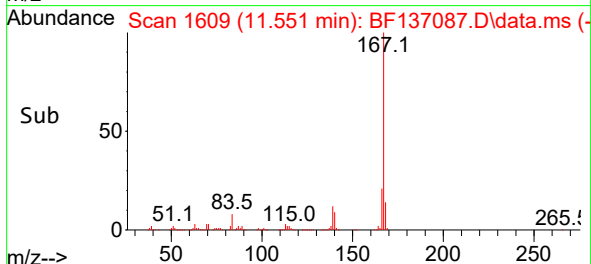
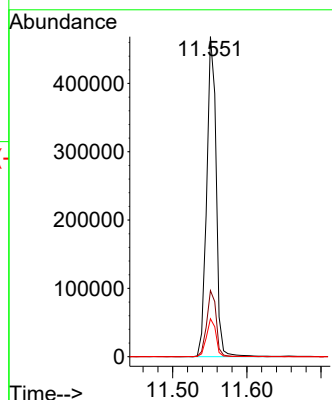
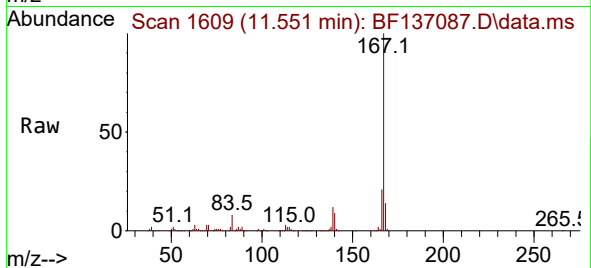
Tgt Ion:167 Resp: 417438

Ion Ratio Lower Upper

167 100

166 20.7 17.3 25.9

139 11.9 9.8 14.6



#74

Di-n-butylphthalate

Concen: 42.986 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

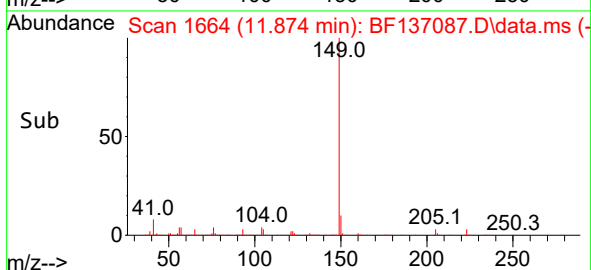
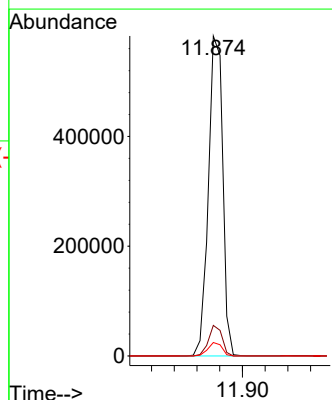
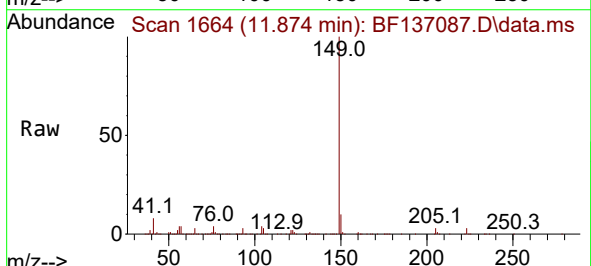
Tgt Ion:149 Resp: 510009

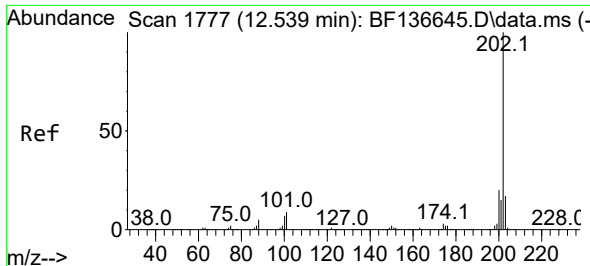
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 4.2 3.6 5.4

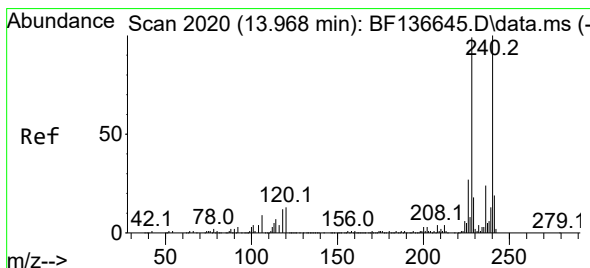
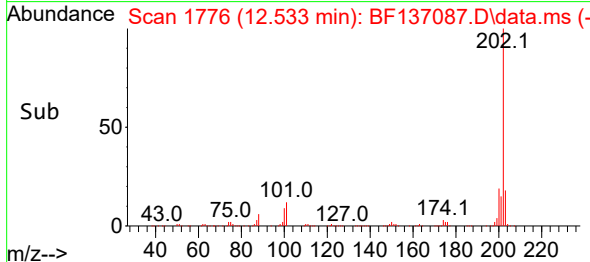
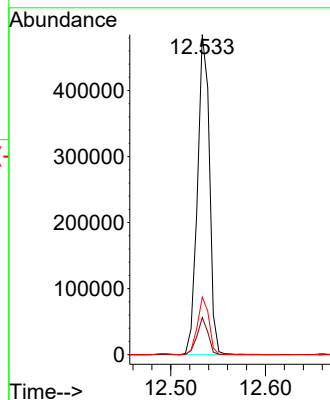
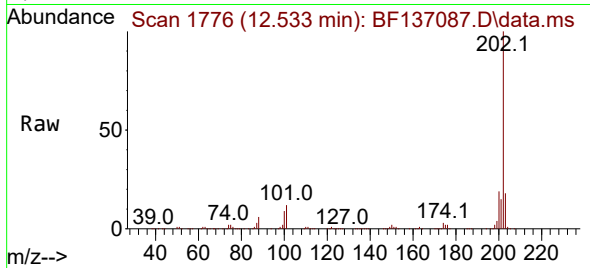




#75
Fluoranthene
Concen: 39.349 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

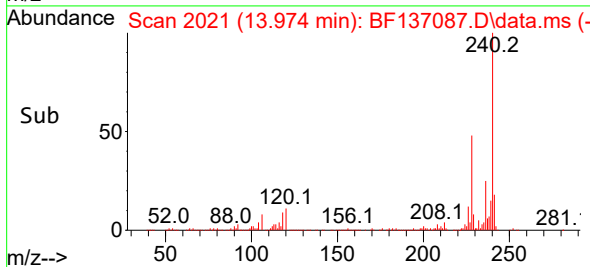
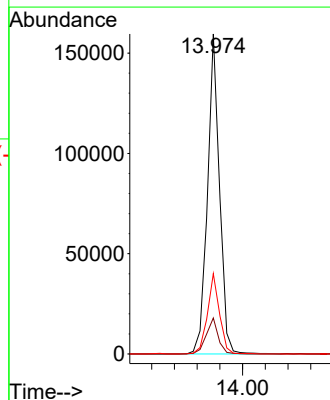
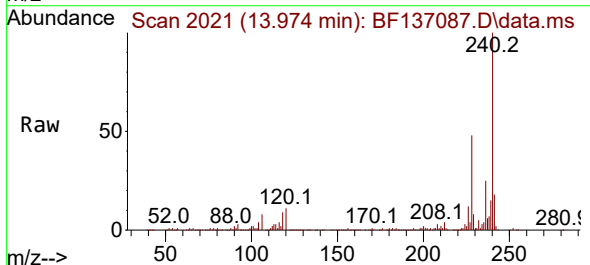
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

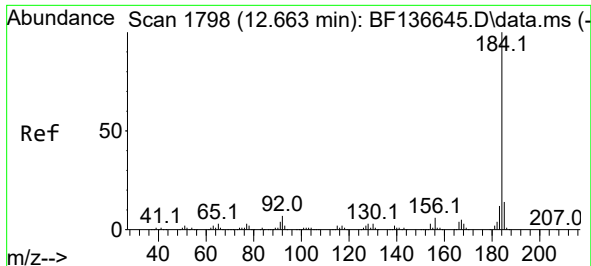
Tgt Ion:202 Resp: 428613
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.3
203 18.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:240 Resp: 116905
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 25.1 19.4 29.2

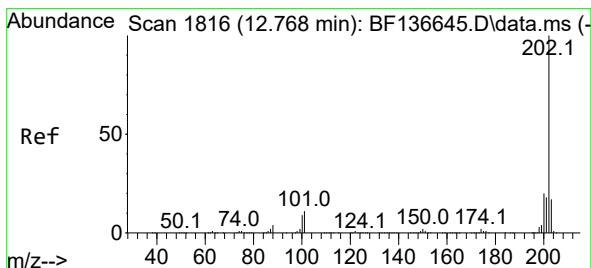
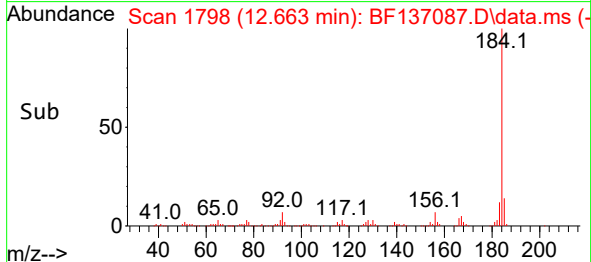
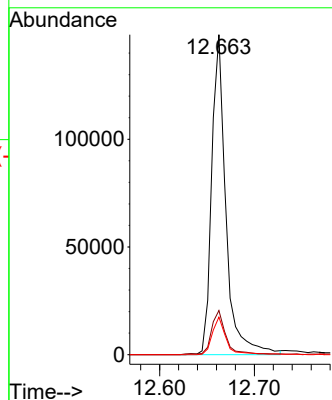
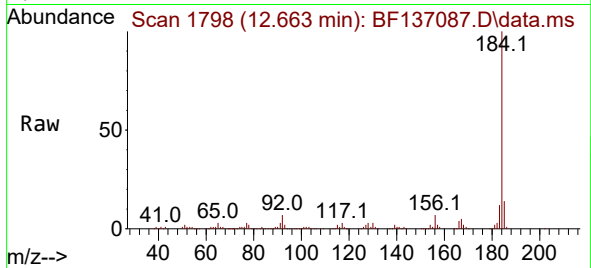




#77
Benzidine
Concen: 44.865 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

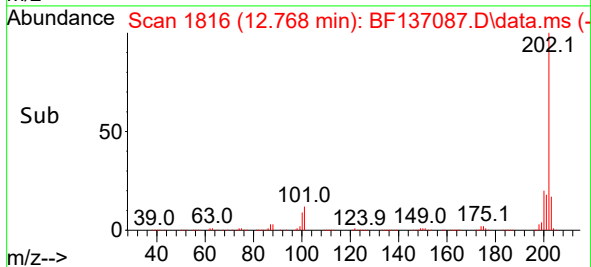
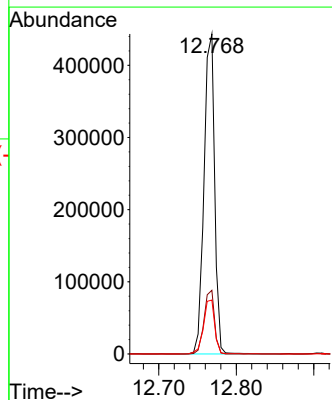
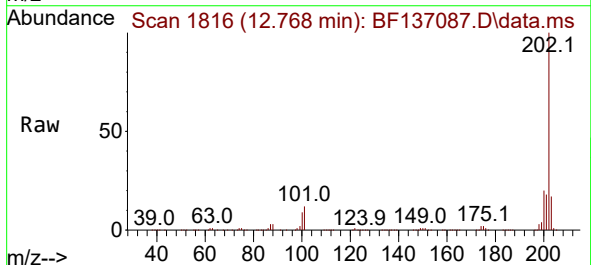
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

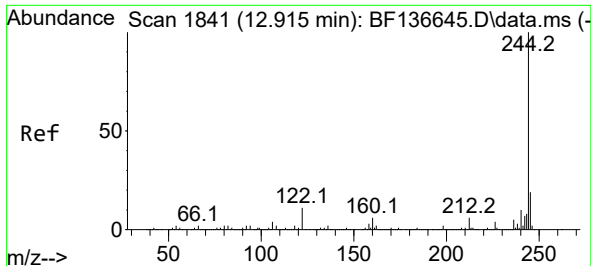
Tgt Ion:184 Resp: 154652
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 11.7 9.3 13.9



#78
Pyrene
Concen: 36.810 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

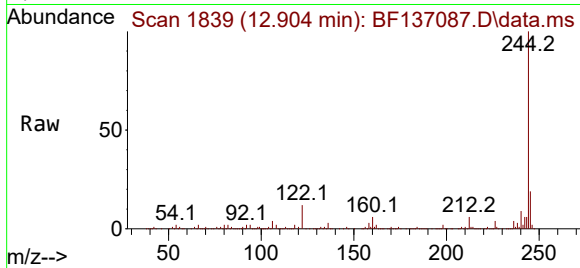
Tgt Ion:202 Resp: 422434
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 16.9 13.8 20.6



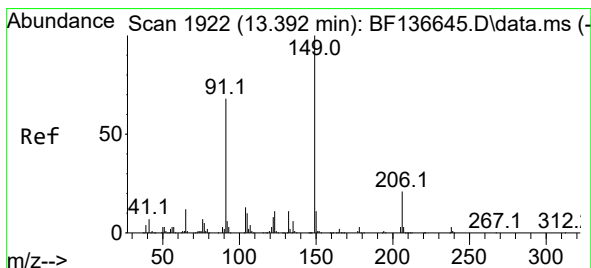
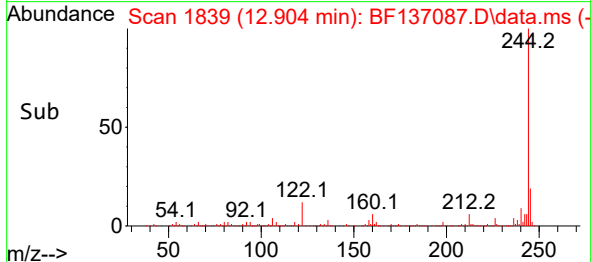
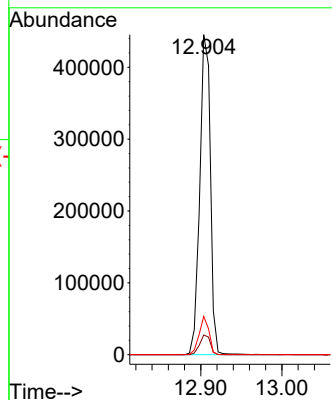


#79
 Terphenyl-d14
 Concen: 48.547 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137087.D
 Acq: 16 Jan 2024 19:07

Instrument :
 BNA_F
 ClientSampleId :
 MH-EMSD

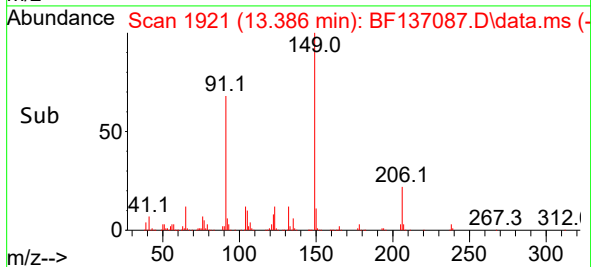
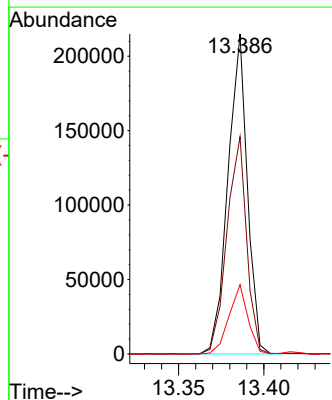
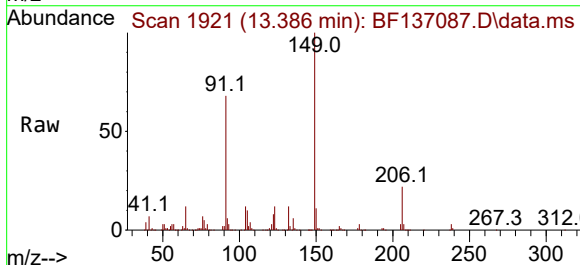


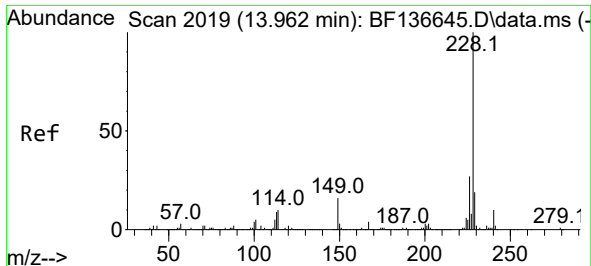
Tgt Ion:244 Resp: 406116
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 12.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 40.736 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137087.D
 Acq: 16 Jan 2024 19:07

Tgt Ion:149 Resp: 170107
 Ion Ratio Lower Upper
 149 100
 91 67.9 54.1 81.1
 206 21.6 17.1 25.7

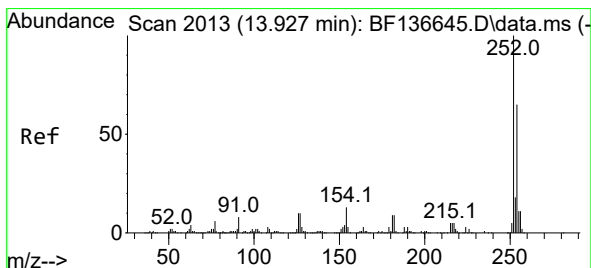
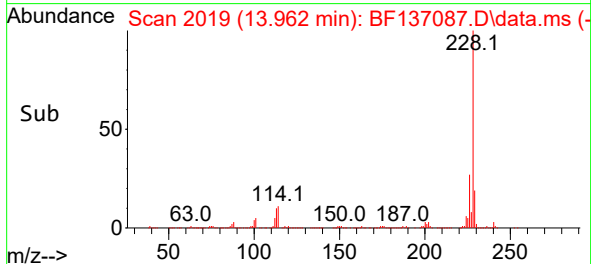
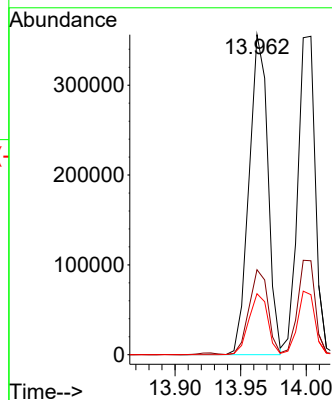
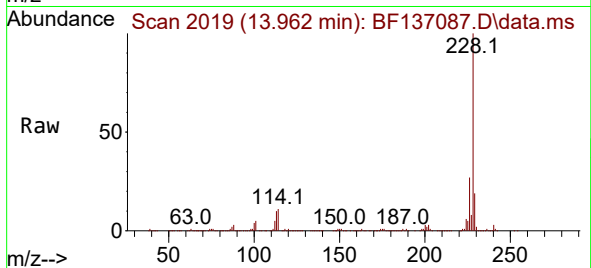




#81
Benzo(a)anthracene
Concen: 43.857 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

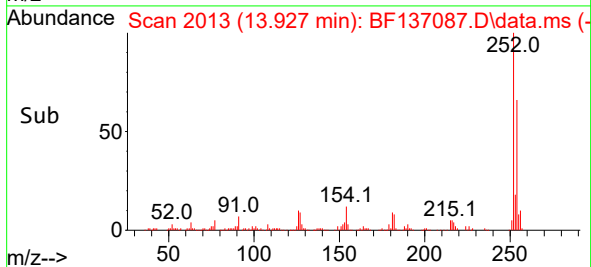
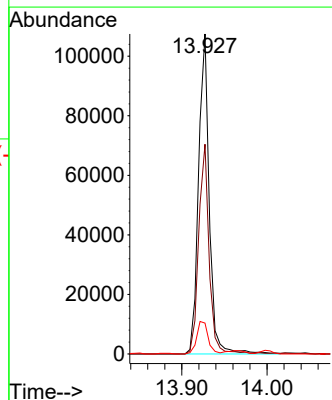
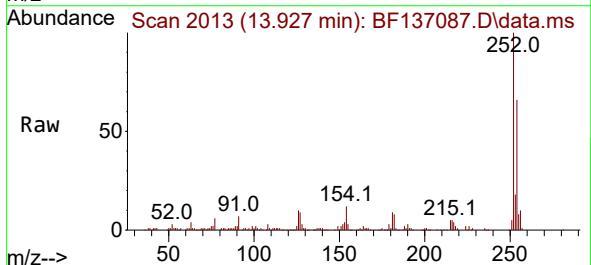
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

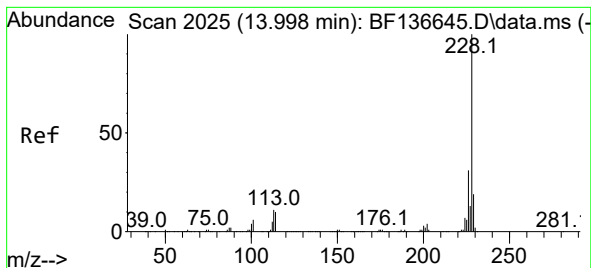
Tgt Ion:228 Resp: 356024
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.1 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 40.880 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:252 Resp: 94243
Ion Ratio Lower Upper
252 100
254 65.6 52.2 78.4
126 9.7 8.0 12.0





#83

Chrysene

Concen: 41.605 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

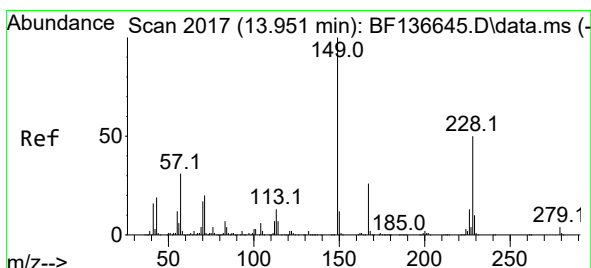
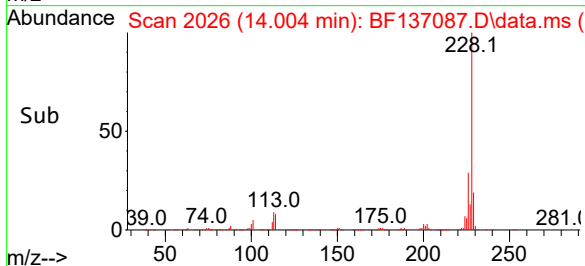
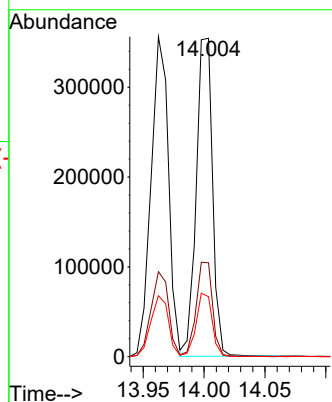
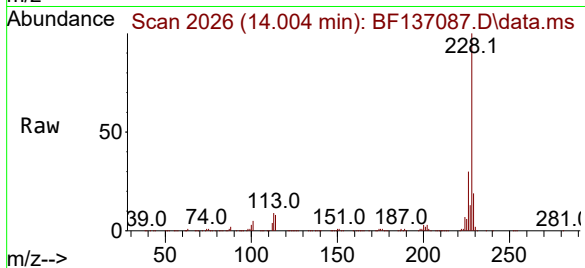
Tgt Ion:228 Resp: 330277

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

229 18.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.104 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

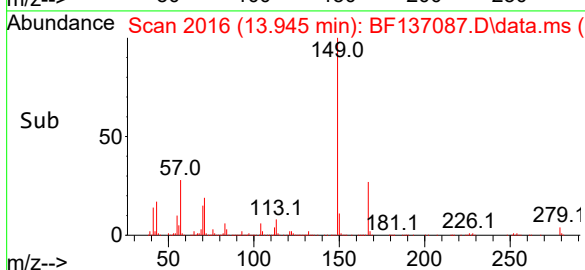
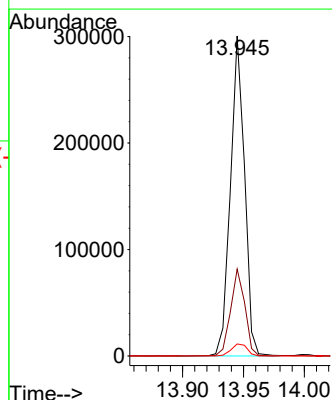
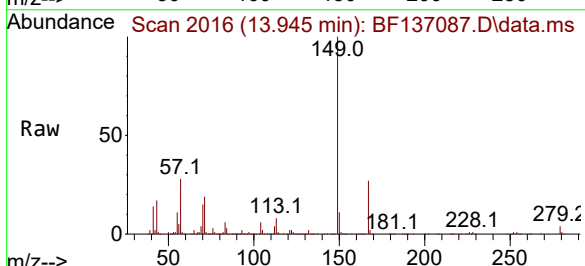
Tgt Ion:149 Resp: 242232

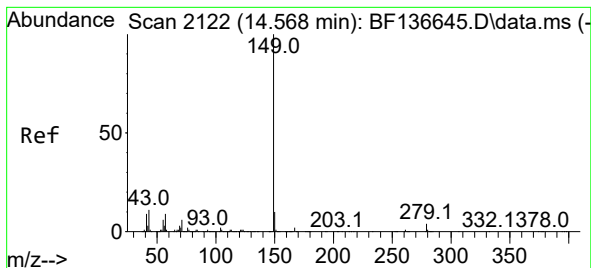
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 49.568 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

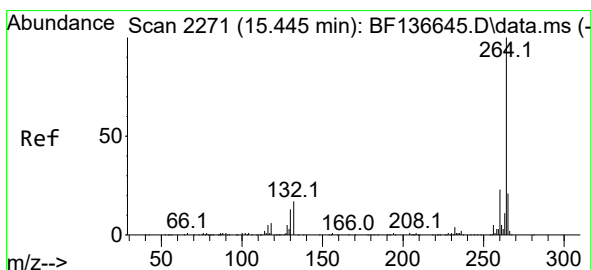
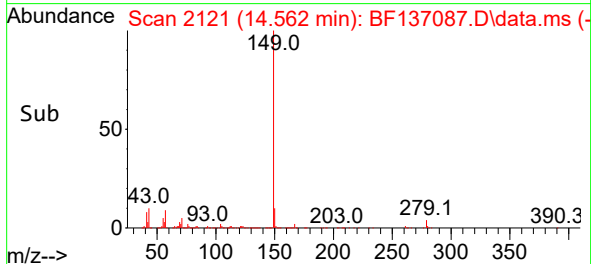
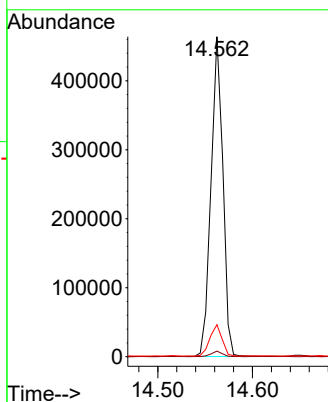
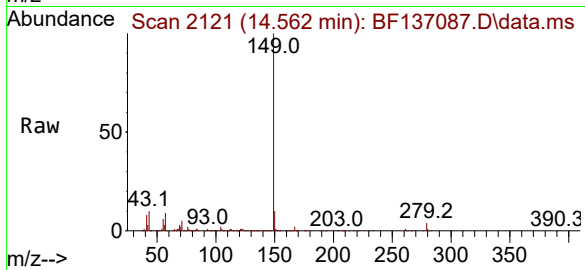
Tgt Ion:149 Resp: 402843

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

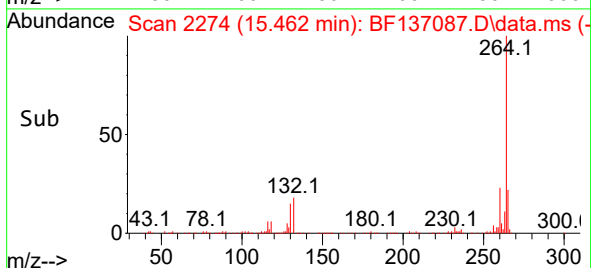
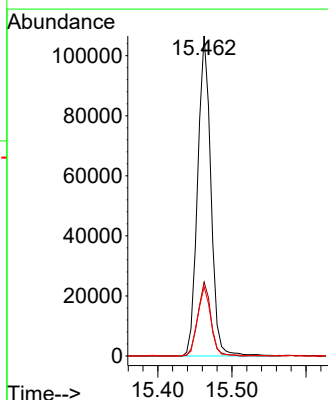
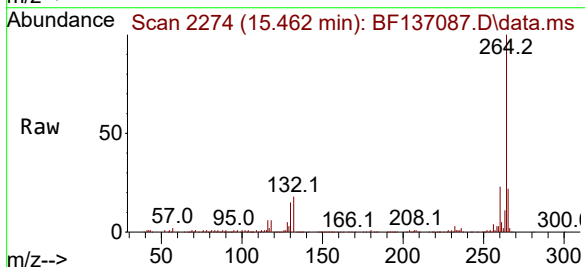
Tgt Ion:264 Resp: 131925

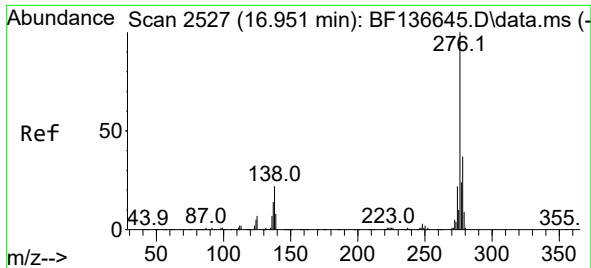
Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.5 17.0 25.6

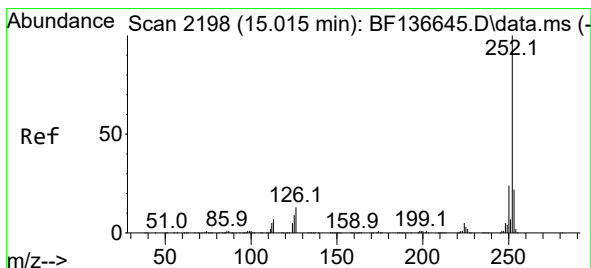
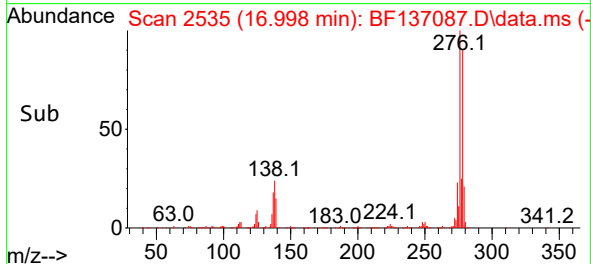
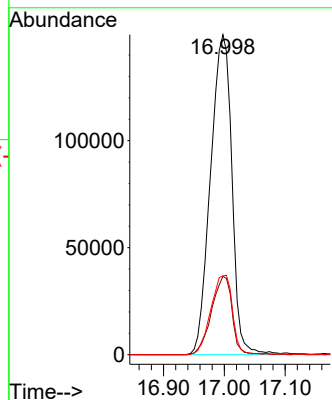
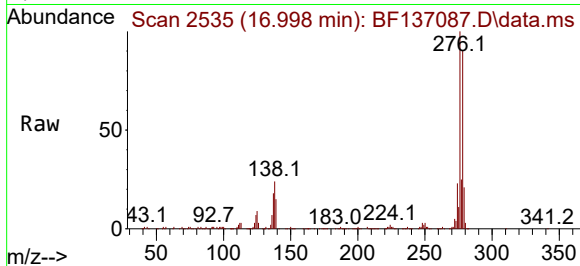




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.191 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

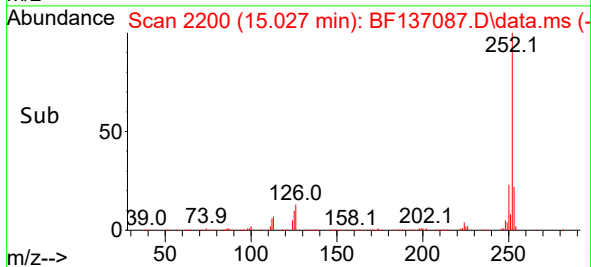
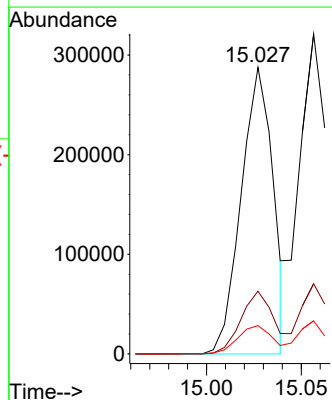
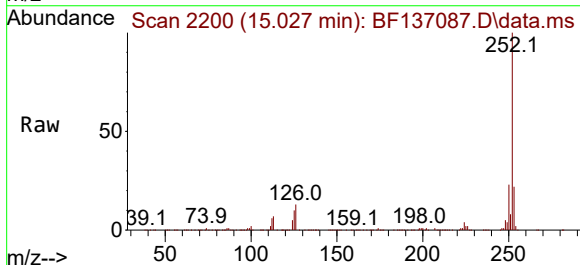
Instrument :
BNA_F
ClientSampleId :
MH-EMSD

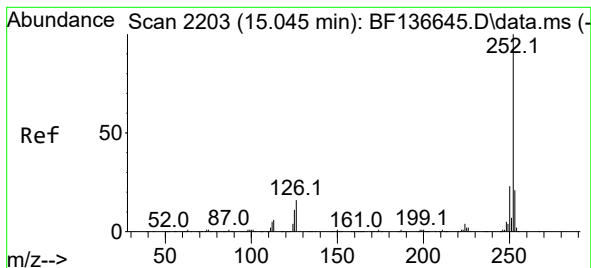
Tgt Ion:276 Resp: 363777
Ion Ratio Lower Upper
276 100
138 23.6 18.7 28.1
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 38.435 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:252 Resp: 338663
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.602 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MH-EMSD

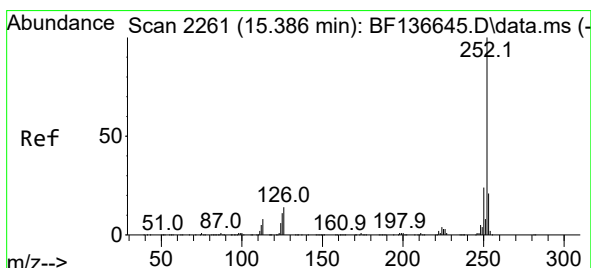
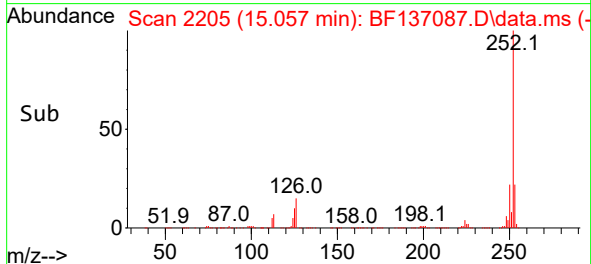
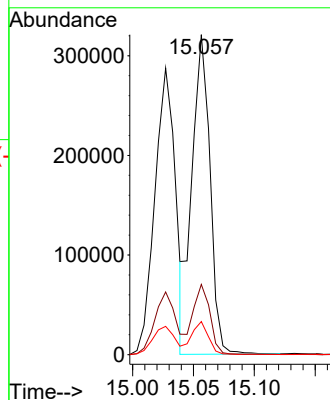
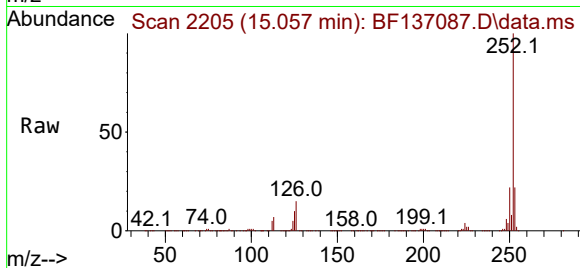
Tgt Ion:252 Resp: 329724

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 10.4 8.2 12.4



#90

Benzo(a)pyrene

Concen: 41.850 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137087.D

Acq: 16 Jan 2024 19:07

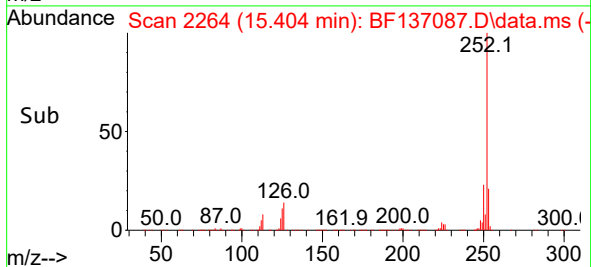
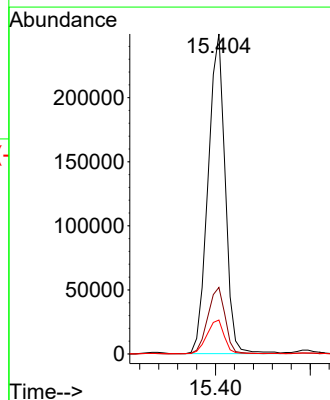
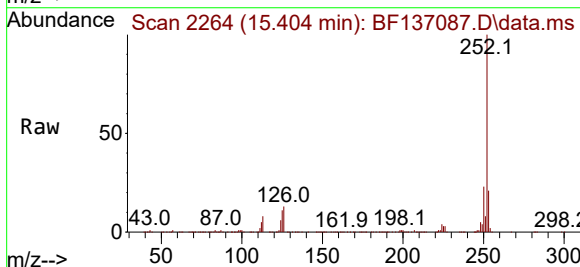
Tgt Ion:252 Resp: 311271

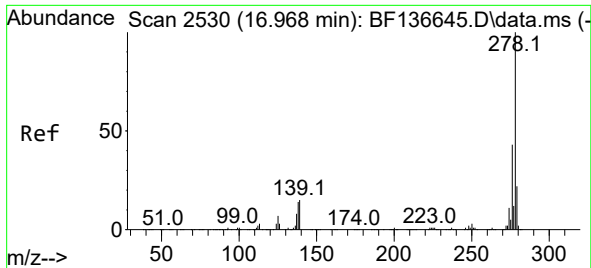
Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

125 10.6 8.8 13.2

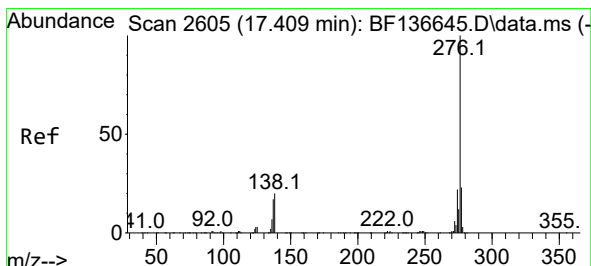
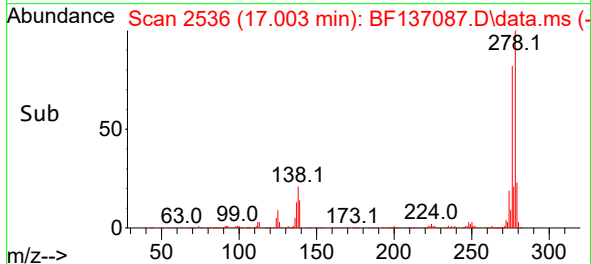
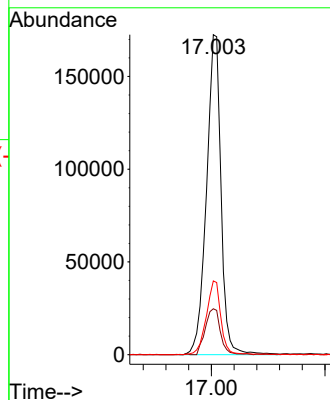
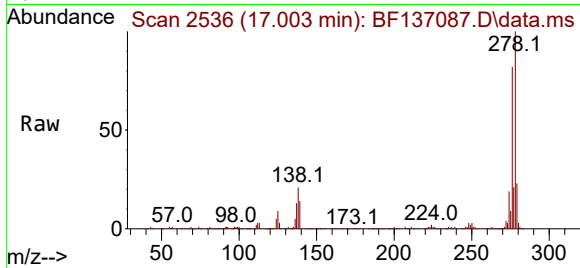




#91
Dibenzo(a,h)anthracene
Concen: 39.131 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Instrument :
BNA_F
ClientSampleId :
MH-EMSD

Tgt Ion:278 Resp: 305789
Ion Ratio Lower Upper
278 100
139 14.3 12.2 18.4
279 23.0 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 34.124 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.047 min
Lab File: BF137087.D
Acq: 16 Jan 2024 19:07

Tgt Ion:276 Resp: 273120
Ion Ratio Lower Upper
276 100
277 23.7 18.3 27.5
138 20.7 15.6 23.4

