

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143137.D
 Acq On : 17 Jul 2025 05:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 17 05:56:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	144280	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	514495	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	231809	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	340985	20.000	ng	0.00
76) Chrysene-d12	14.133	240	272684	20.000	ng	0.00
86) Perylene-d12	15.639	264	233437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	714857	78.280	ng	0.00
7) Phenol-d6	6.586	99	891036	77.624	ng	0.00
23) Nitrobenzene-d5	7.528	82	848823	92.552	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	150891	73.003	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1409405	80.821	ng	0.00
79) Terphenyl-d14	13.074	244	1190245	63.807	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	173896	38.254	ng	99
3) Pyridine	3.581	79	450952	39.175	ng	100
4) n-Nitrosodimethylamine	3.528	42	234746	39.361	ng	99
6) Aniline	6.628	93	606069	37.494	ng	100
8) 2-Chlorophenol	6.751	128	369287	40.249	ng	98
9) Benzaldehyde	6.516	77	364773	41.704	ng	99
10) Phenol	6.604	94	514446	41.398	ng	99
11) bis(2-Chloroethyl)ether	6.698	93	373921	38.869	ng	99
12) 1,3-Dichlorobenzene	6.910	146	405053	39.077	ng	99
13) 1,4-Dichlorobenzene	6.986	146	406650	38.995	ng	100
14) 1,2-Dichlorobenzene	7.139	146	383993	38.613	ng	98
15) Benzyl Alcohol	7.098	79	345178	40.583	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	686686	38.723	ng	100
17) 2-Methylphenol	7.210	107	306021	38.650	ng	99
18) Hexachloroethane	7.486	117	136608	40.240	ng	99
19) n-Nitroso-di-n-propyla...	7.375	70	274293	39.003	ng	99
20) 3+4-Methylphenols	7.363	107	382719	39.415	ng	94
22) Acetophenone	7.375	105	493430	39.785	ng	98
24) Nitrobenzene	7.545	77	397905	44.942	ng	99
25) Isophorone	7.786	82	724887	40.892	ng	100
26) 2-Nitrophenol	7.863	139	148139	42.372	ng	99
27) 2,4-Dimethylphenol	7.892	122	339027	41.206	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	443588	41.266	ng	99
29) 2,4-Dichlorophenol	8.098	162	262840	39.049	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	305955	40.052	ng	99
31) Naphthalene	8.275	128	996982	39.022	ng	100
32) Benzoic acid	7.992	122	34786	13.853	ng	96
33) 4-Chloroaniline	8.310	127	389527	37.914	ng	99
34) Hexachlorobutadiene	8.392	225	188958	41.361	ng	99
35) Caprolactam	8.669	113	77948	37.085	ng	93
36) 4-Chloro-3-methylphenol	8.786	107	284902	37.997	ng	99
37) 2-Methylnaphthalene	8.963	142	578259	37.939	ng	99
38) 1-Methylnaphthalene	9.063	142	596132	37.710	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	281686	41.698	ng	98
41) Hexachlorocyclopentadiene	9.122	237	86619	23.127	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	153713	36.620	ng	99

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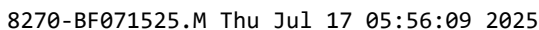
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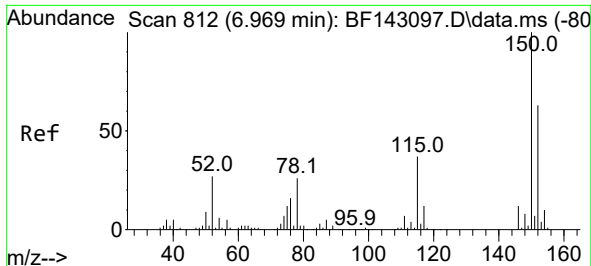
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	171201	38.898	ng	98
46) 1,1'-Biphenyl	9.427	154	751239	40.638	ng	99
47) 2-Chloronaphthalene	9.451	162	537100	39.549	ng	99
48) 2-Nitroaniline	9.533	65	180073	44.648	ng	99
49) Acenaphthylene	9.869	152	882729	39.008	ng	100
50) Dimethylphthalate	9.722	163	622841	42.709	ng	100
51) 2,6-Dinitrotoluene	9.775	165	125478	43.803	ng	93
52) Acenaphthene	10.039	154	494312	37.016	ng	98
53) 3-Nitroaniline	9.945	138	142775	45.308	ng	96
54) 2,4-Dinitrophenol	10.045	184	2929	8.444	ng	# 1
55) Dibenzofuran	10.210	168	746194	37.488	ng	100
56) 4-Nitrophenol	10.086	139	94578	37.764	ng	98
57) 2,4-Dinitrotoluene	10.180	165	143263	40.390	ng	96
58) Fluorene	10.551	166	545475	36.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	100646	28.775	ng	98
60) Diethylphthalate	10.422	149	580771	41.278	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	274714	38.408	ng	99
62) 4-Nitroaniline	10.557	138	120811	44.086	ng	99
63) Azobenzene	10.704	77	576851	37.072	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	7985	11.937	ng	96
66) n-Nitrosodiphenylamine	10.657	169	486685	40.633	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	158704	40.927	ng	99
68) Hexachlorobenzene	11.104	284	160507	39.011	ng	99
69) Atrazine	11.180	200	135460	44.205	ng	98
70) Pentachlorophenol	11.292	266	35640	15.788	ng	97
71) Phenanthrene	11.516	178	708454	38.498	ng	100
72) Anthracene	11.569	178	727014	39.286	ng	100
73) Carbazole	11.716	167	676020	40.776	ng	100
74) Di-n-butylphthalate	12.051	149	755302	49.632	ng	100
75) Fluoranthene	12.704	202	759494	45.390	ng	99
77) Benzidine	12.816	184	418307	45.027	ng	100
78) Pyrene	12.933	202	773774	30.583	ng	99
80) Butylbenzylphthalate	13.545	149	274779	53.627	ng	97
81) Benzo(a)anthracene	14.121	228	710019	39.075	ng	100
82) 3,3'-Dichlorobenzidine	14.080	252	233732	44.295	ng	99
83) Chrysene	14.157	228	653783	39.066	ng	98
84) Bis(2-ethylhexyl)phtha...	14.110	149	416791	53.915	ng	98
85) Di-n-octyl phthalate	14.727	149	737125	50.428	ng	97
87) Indeno(1,2,3-cd)pyrene	17.180	276	525857	30.287	ng	99
88) Benzo(b)fluoranthene	15.192	252	632221	46.952	ng	99
89) Benzo(k)fluoranthene	15.221	252	513447	39.970	ng	99
90) Benzo(a)pyrene	15.574	252	524630	41.196	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	431272	30.386	ng	99
92) Benzo(g,h,i)perylene	17.645	276	419104	28.963	ng	98

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

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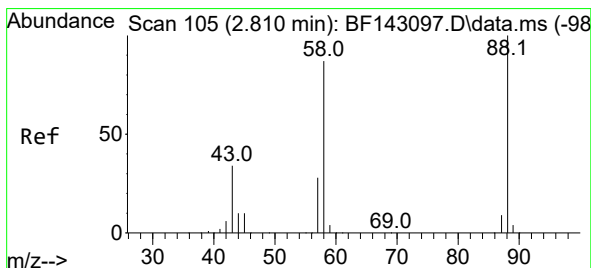
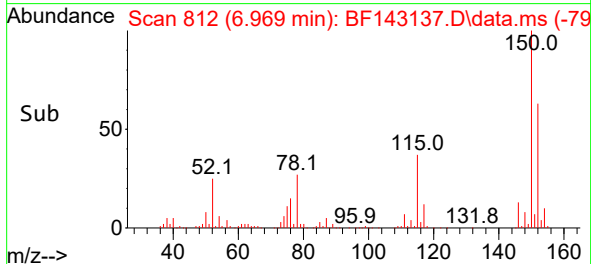
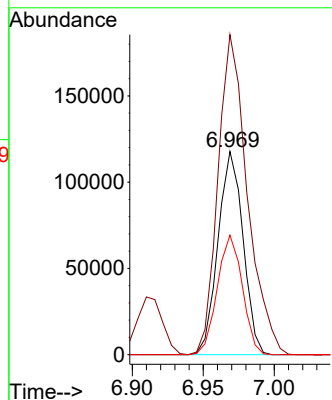
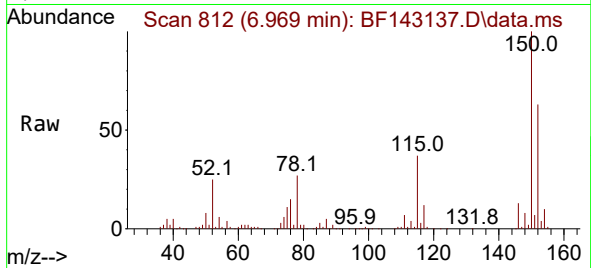




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

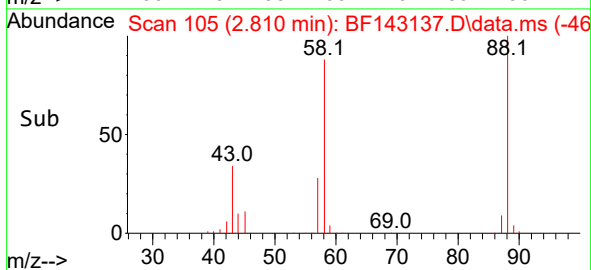
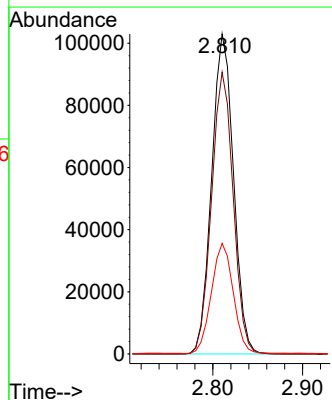
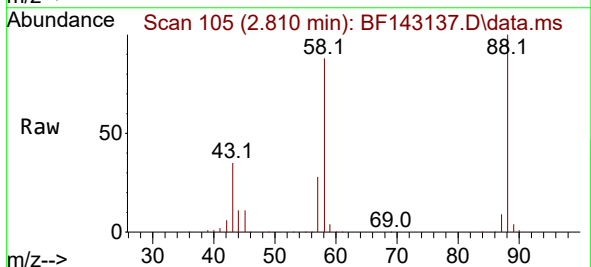
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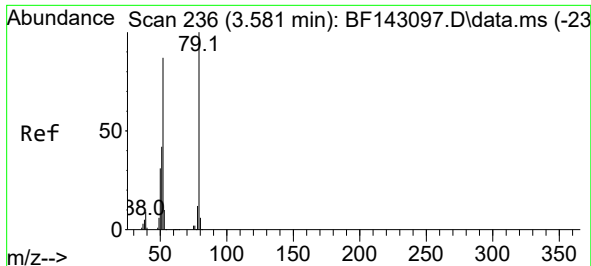
Tgt Ion:152 Resp: 144280
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.5 189.7
 115 58.8 47.0 70.6



#2
 1,4-Dioxane
 Concen: 38.254 ng
 RT: 2.810 min Scan# 105
 Delta R.T. -0.000 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

Tgt Ion: 88 Resp: 173896
 Ion Ratio Lower Upper
 88 100
 58 87.3 70.5 105.7
 43 34.4 27.3 40.9

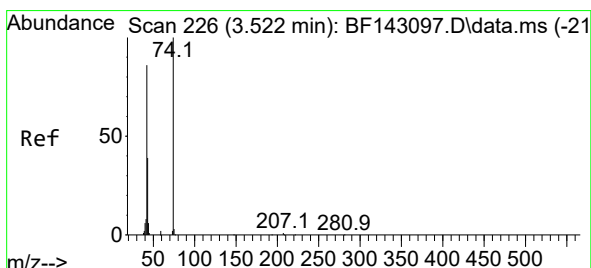
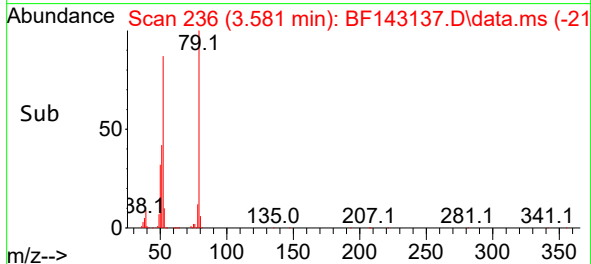
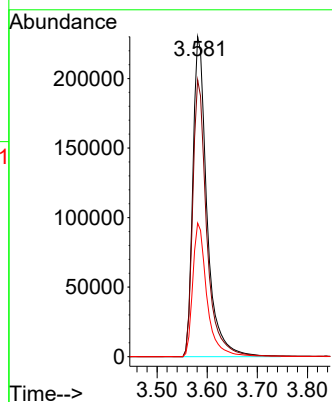
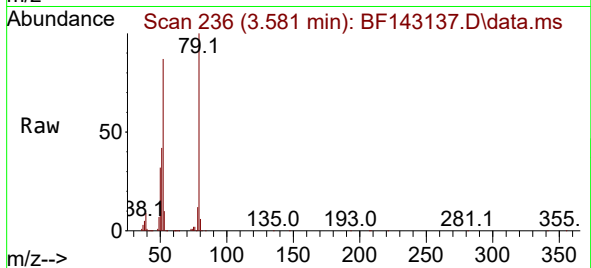




#3
 Pyridine
 Concen: 39.175 ng
 RT: 3.581 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

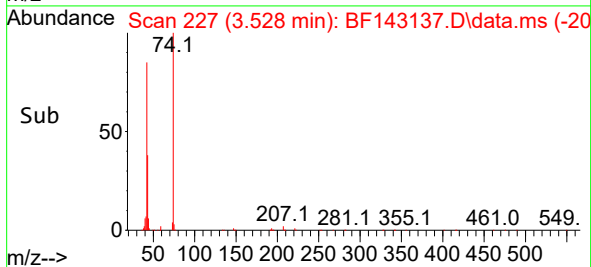
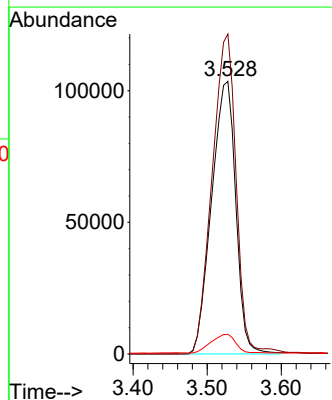
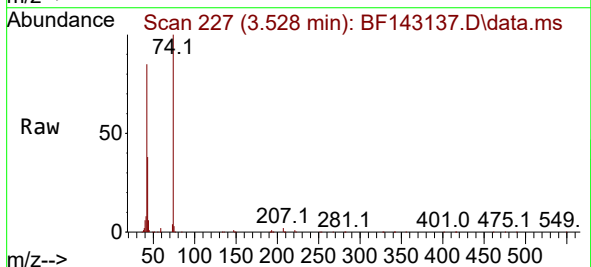
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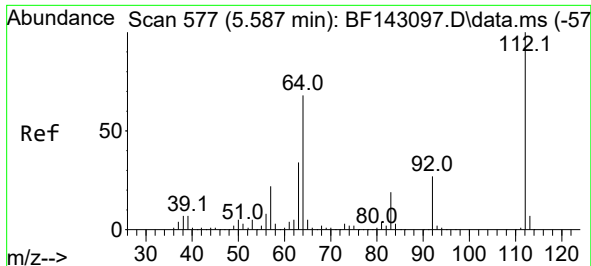
Tgt Ion: 79 Resp: 450952
 Ion Ratio Lower Upper
 79 100
 52 86.5 69.2 103.8
 51 41.8 33.3 49.9



#4
 n-Nitrosodimethylamine
 Concen: 39.361 ng
 RT: 3.528 min Scan# 227
 Delta R.T. 0.006 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

Tgt Ion: 42 Resp: 234746
 Ion Ratio Lower Upper
 42 100
 74 117.4 92.8 139.2
 44 7.2 5.8 8.6

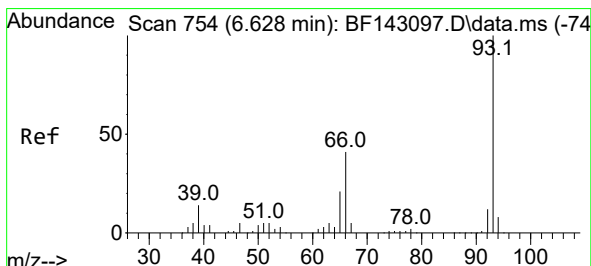
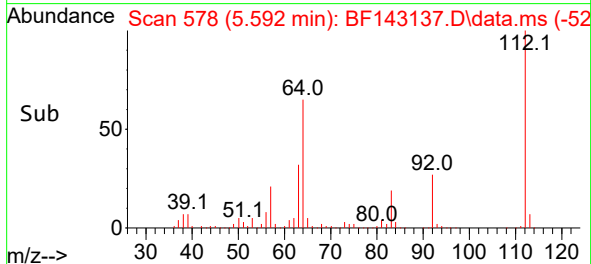
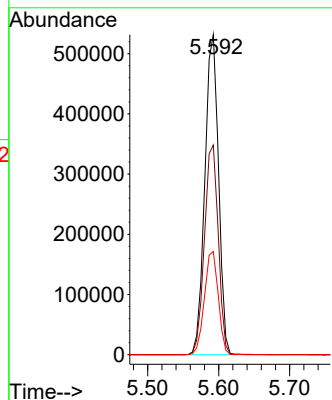
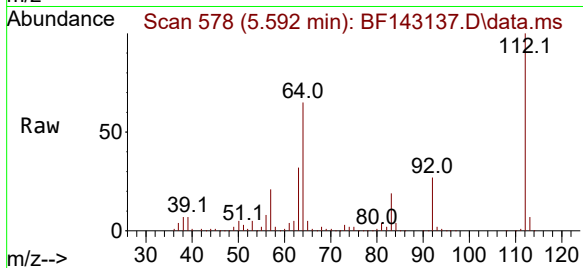




#5
2-Fluorophenol
Concen: 78.280 ng
RT: 5.592 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

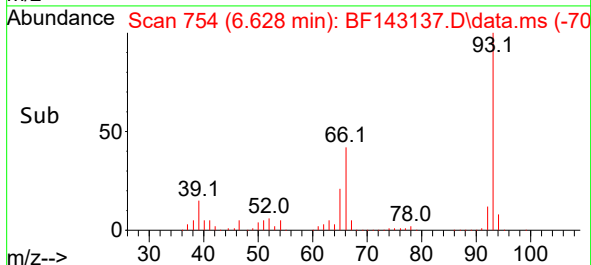
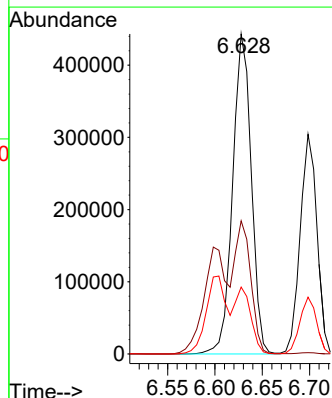
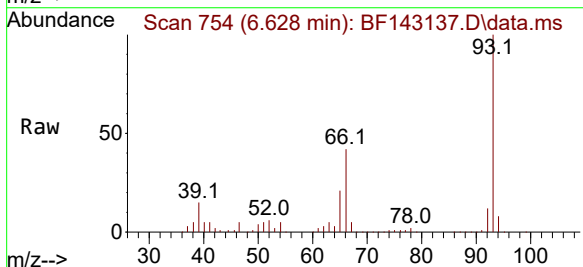
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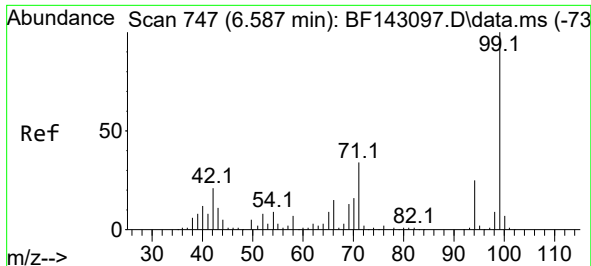
Tgt Ion:112 Resp: 714857
Ion Ratio Lower Upper
112 100
64 65.5 54.6 82.0
63 32.3 27.3 40.9



#6
Aniline
Concen: 37.494 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion: 93 Resp: 606069
Ion Ratio Lower Upper
93 100
66 41.6 33.1 49.7
65 20.9 16.9 25.3

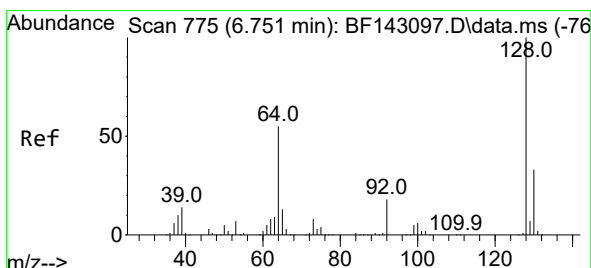
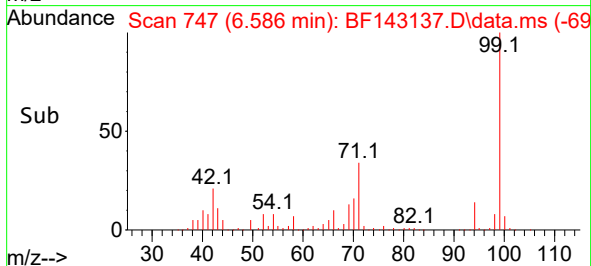
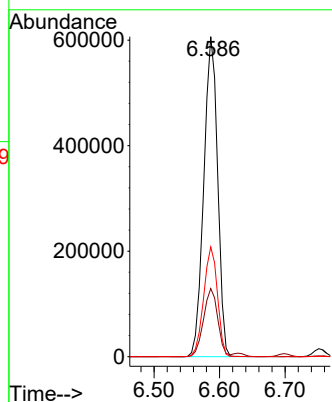
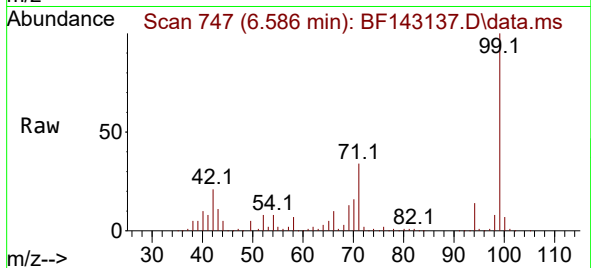




#7
Phenol-d6
Concen: 77.624 ng
RT: 6.586 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

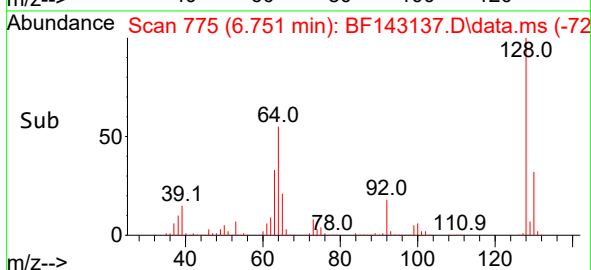
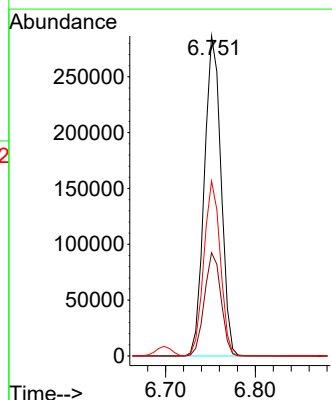
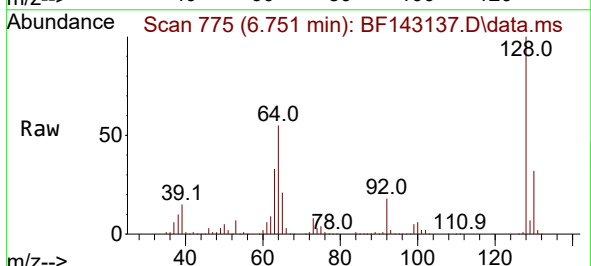
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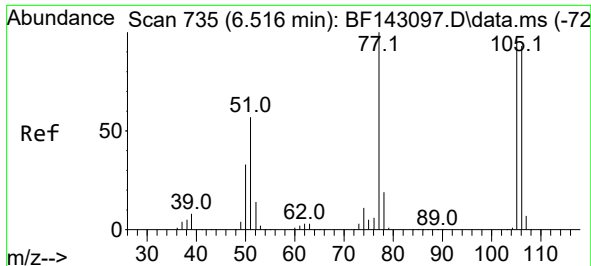
Tgt Ion: 99 Resp: 891036
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 34.3 27.4 41.0



#8
2-Chlorophenol
Concen: 40.249 ng
RT: 6.751 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:128 Resp: 369287
Ion Ratio Lower Upper
128 100
130 32.3 12.8 52.8
64 54.6 36.1 76.1

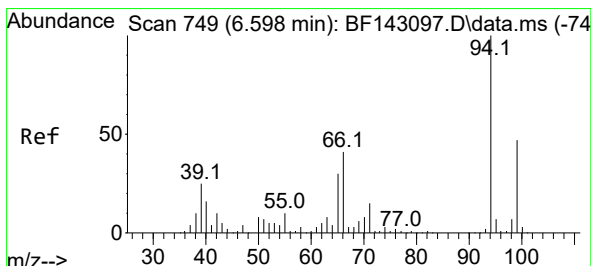
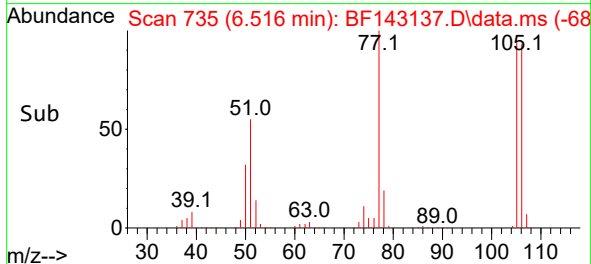
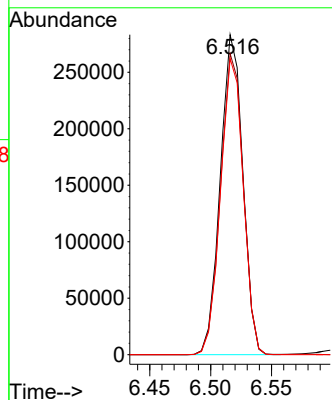
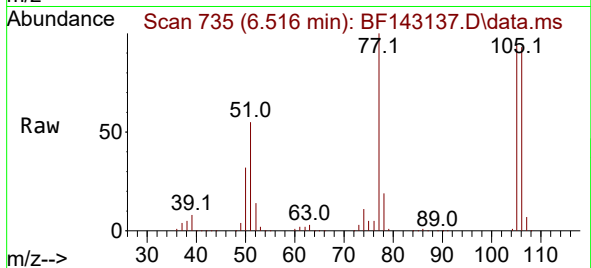




#9
Benzaldehyde
Concen: 41.704 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143137.D
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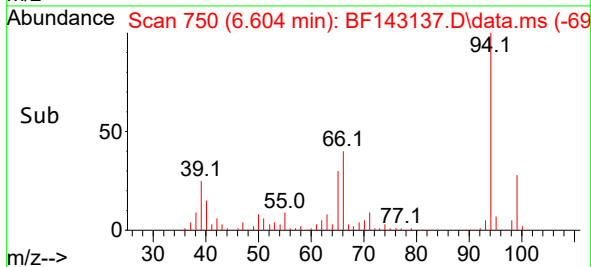
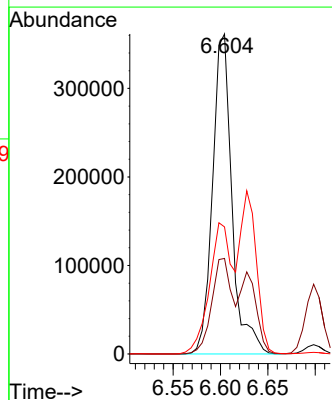
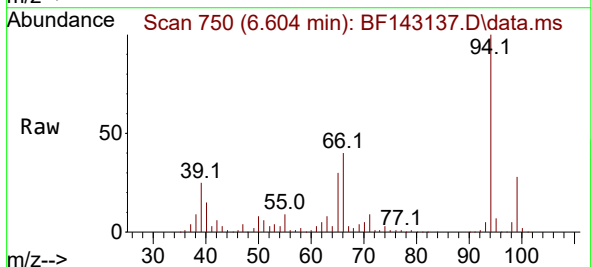
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ClientSampleId :
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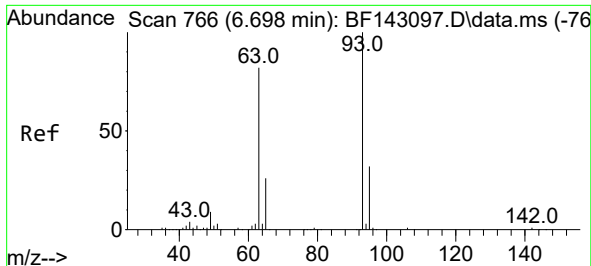
Tgt Ion: 77 Resp: 364773
Ion Ratio Lower Upper
77 100
105 94.1 76.3 116.3
106 92.5 72.8 112.8



#10
Phenol
Concen: 41.398 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion: 94 Resp: 514446
Ion Ratio Lower Upper
94 100
65 29.8 9.8 49.8
66 39.7 20.5 60.5

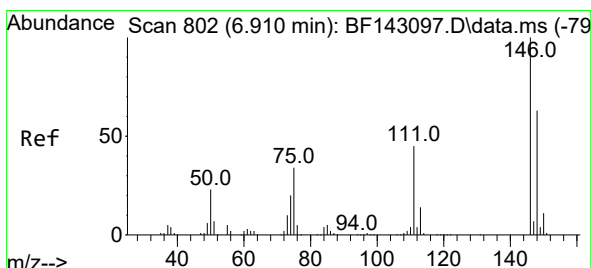
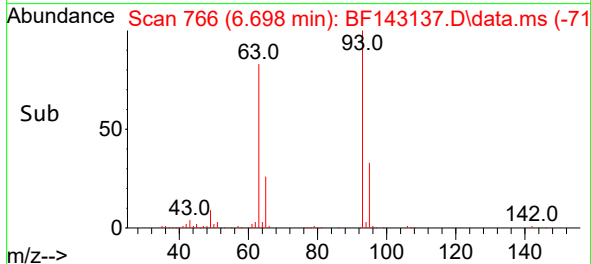
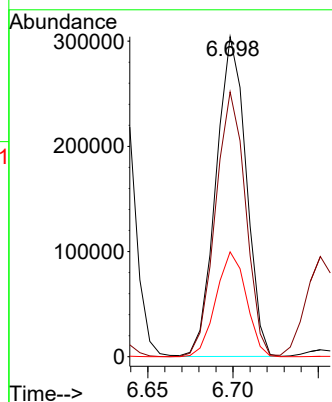
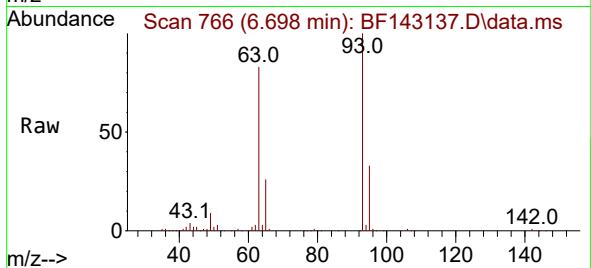




#11
bis(2-Chloroethyl)ether
Concen: 38.869 ng
RT: 6.698 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

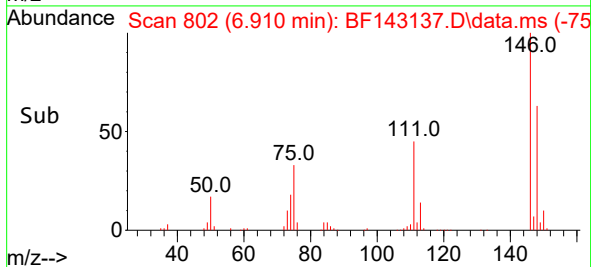
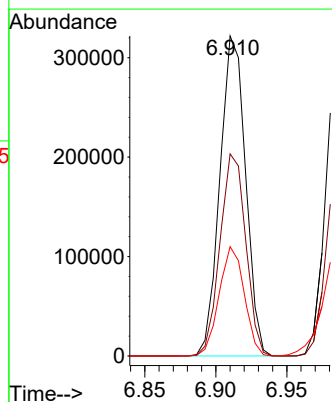
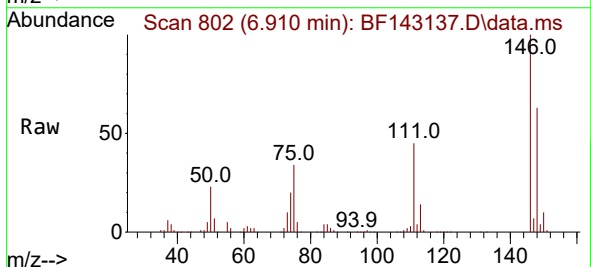
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

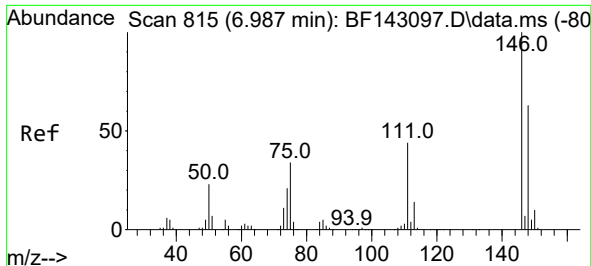
Tgt Ion: 93 Resp: 373921
Ion Ratio Lower Upper
93 100
63 82.8 61.9 101.9
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.077 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion: 146 Resp: 405053
Ion Ratio Lower Upper
146 100
148 63.2 50.1 75.1
75 34.1 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 38.995 ng

RT: 6.986 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

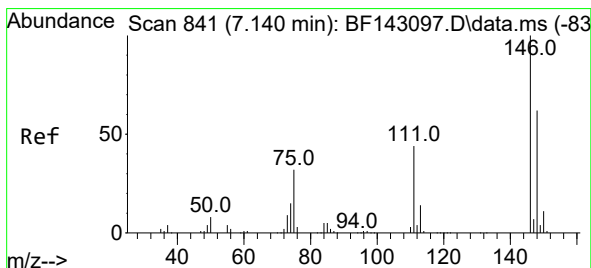
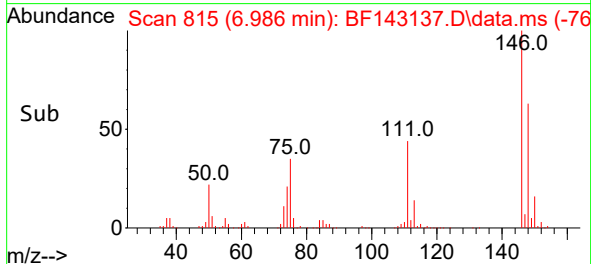
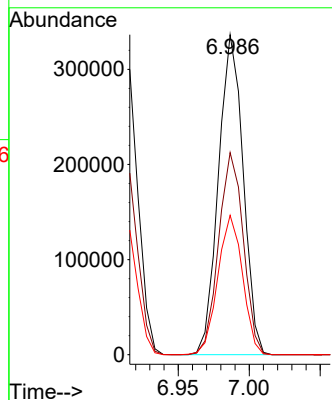
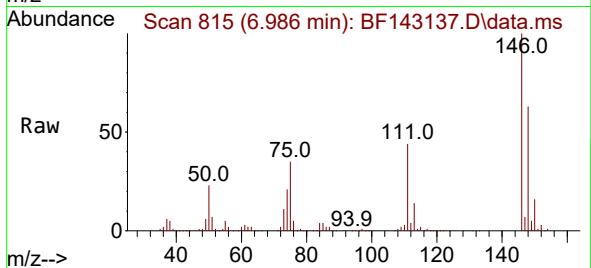
Tgt Ion:146 Resp: 406650

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

111 43.5 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 38.613 ng

RT: 7.139 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

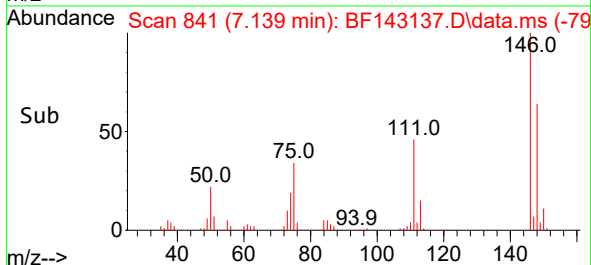
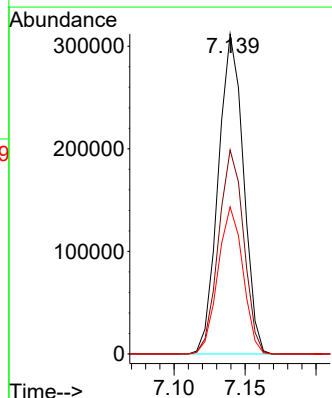
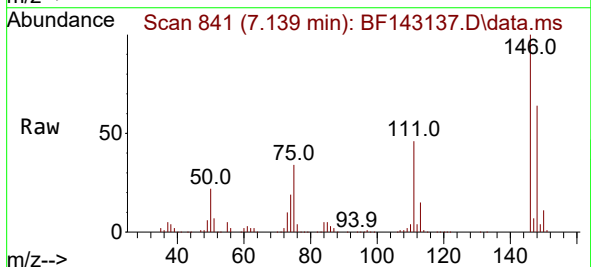
Tgt Ion:146 Resp: 383993

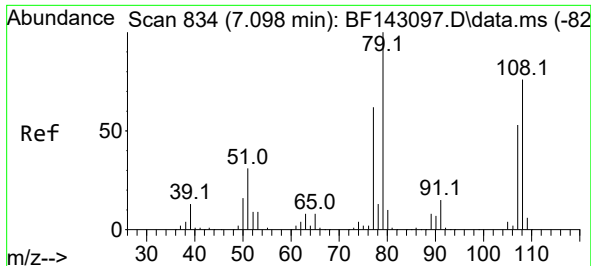
Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.6

111 45.9 35.4 53.0

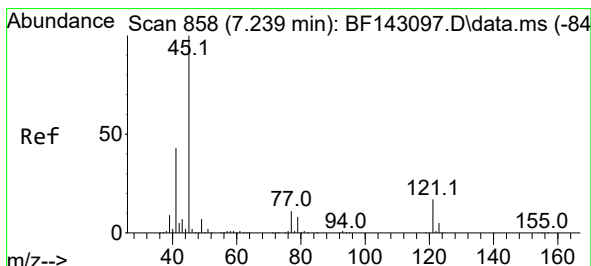
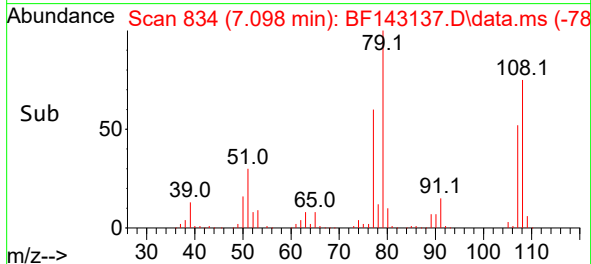
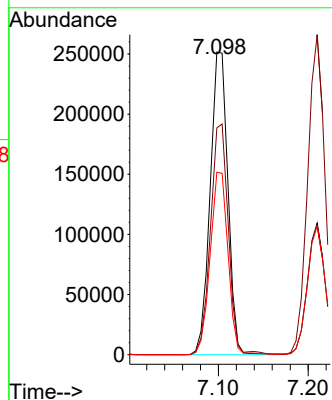
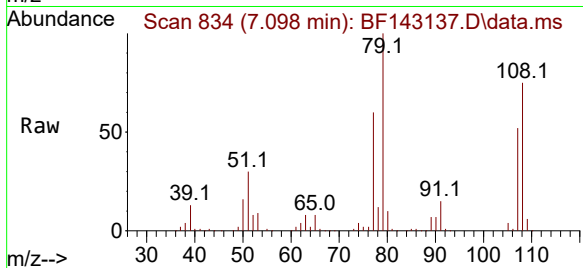




#15
Benzyl Alcohol
Concen: 40.583 ng
RT: 7.098 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

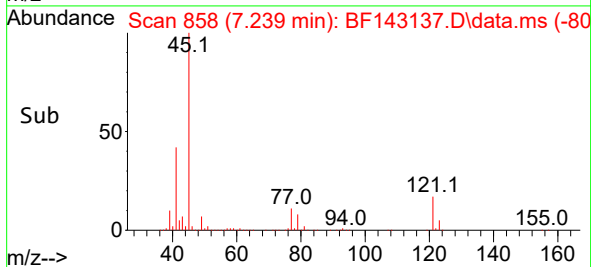
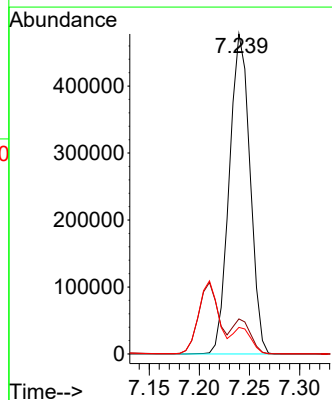
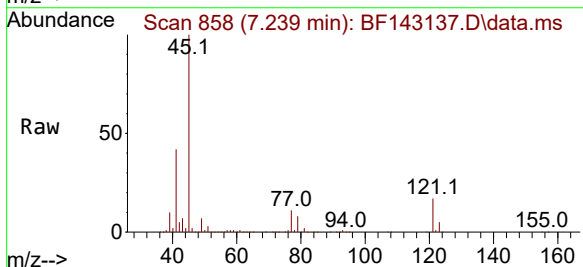
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

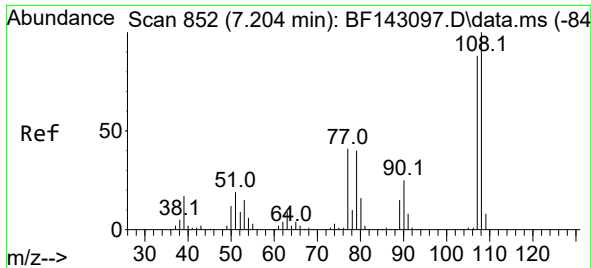
Tgt Ion: 79 Resp: 345178
Ion Ratio Lower Upper
79 100
108 74.9 61.1 91.7
77 60.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.723 ng
RT: 7.239 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion: 45 Resp: 686686
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.1
79 8.3 0.0 28.4



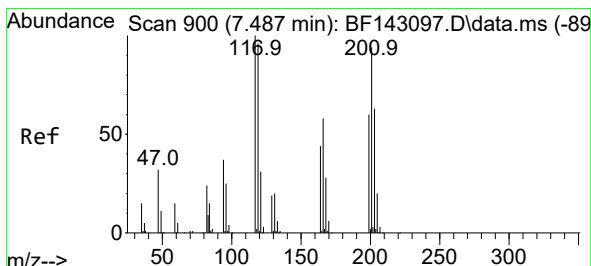
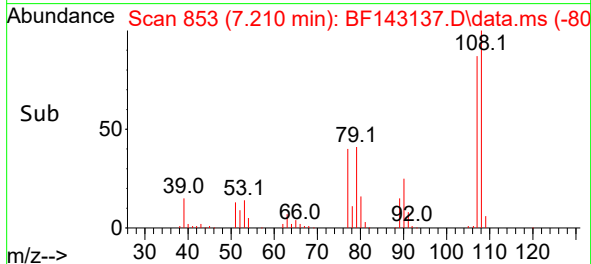
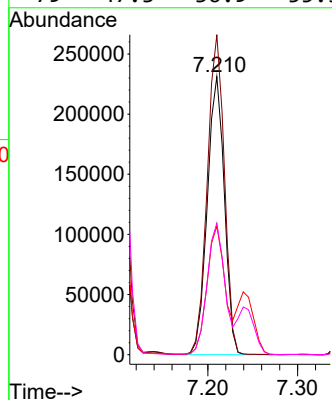
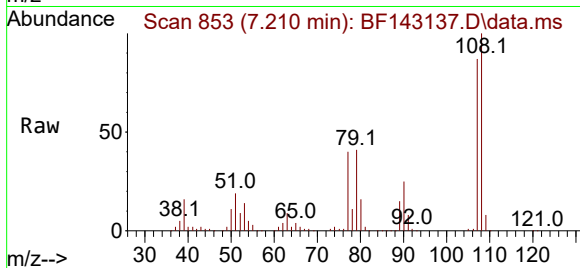


#17
2-Methylphenol
Concen: 38.650 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 306021

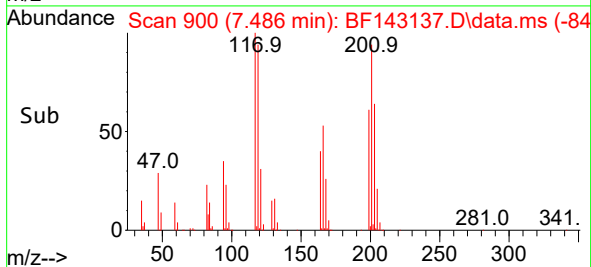
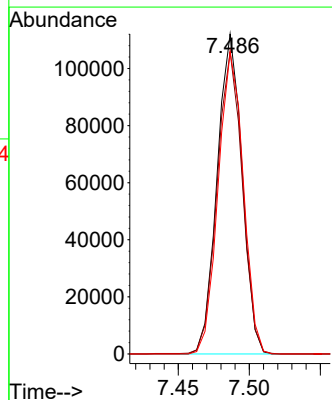
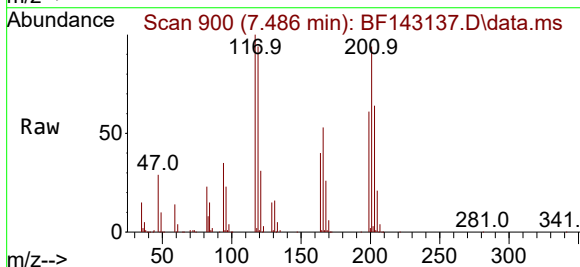
Ion	Ratio	Lower	Upper
107	100		
108	115.1	90.9	136.3
77	46.2	37.5	56.3
79	47.3	36.9	55.3

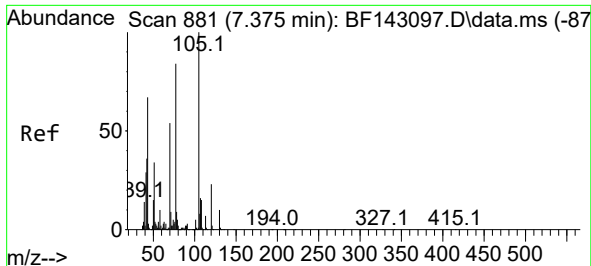


#18
Hexachloroethane
Concen: 40.240 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:117 Resp: 136608

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.7	115.1
201	94.4	75.0	112.4

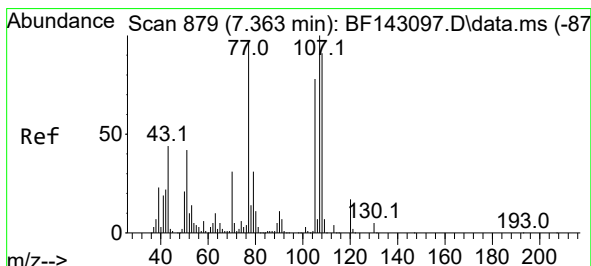
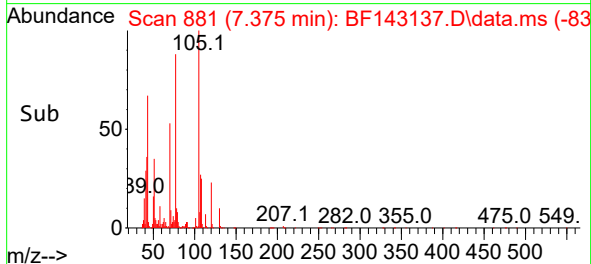
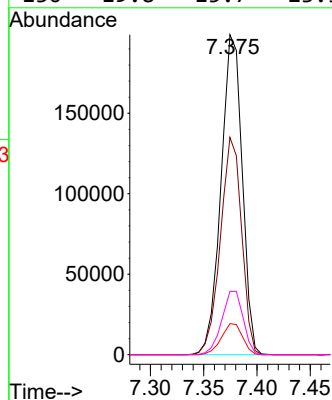
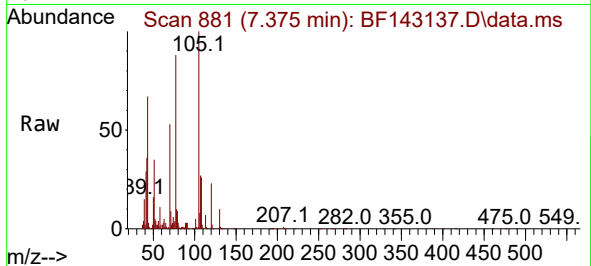




#19
n-Nitroso-di-n-propylamine
Concen: 39.003 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

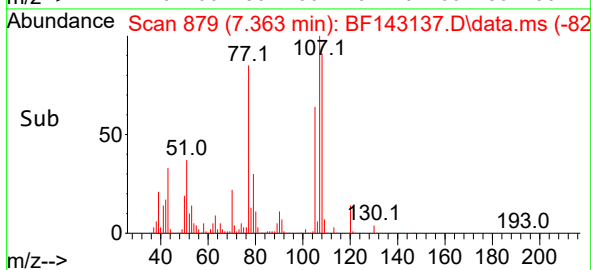
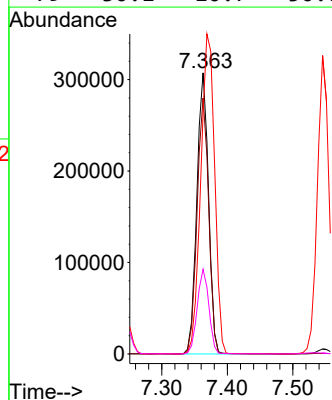
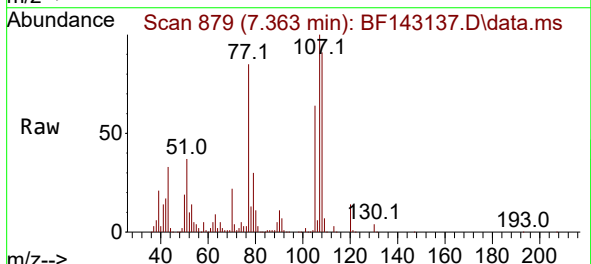
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

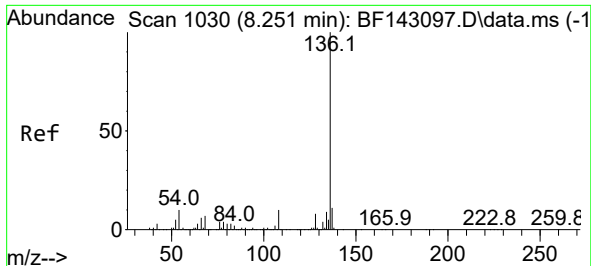
Tgt Ion: 70 Resp: 274293
Ion Ratio Lower Upper
70 100
42 67.9 53.2 79.8
101 9.7 7.5 11.3
130 19.8 15.7 23.5



#20
3+4-Methylphenols
Concen: 39.415 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion: 107 Resp: 382719
Ion Ratio Lower Upper
107 100
108 91.1 71.3 111.3
77 85.5 77.2 117.2
79 30.1 10.7 50.7

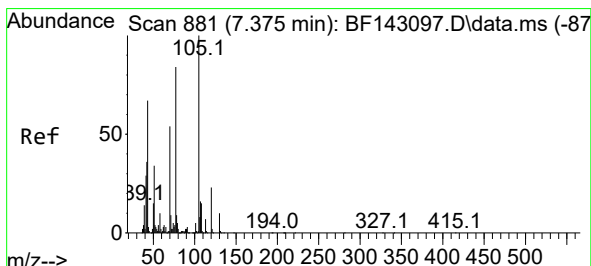
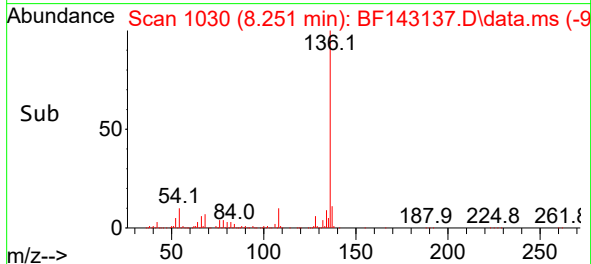
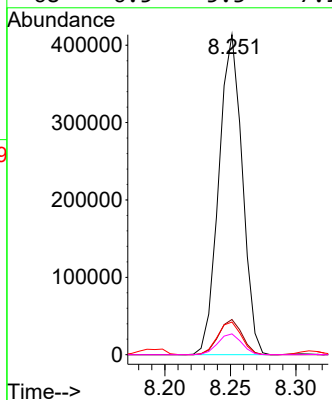
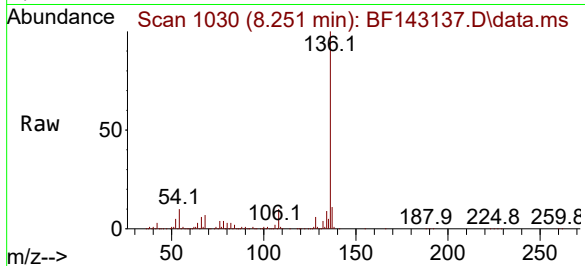




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

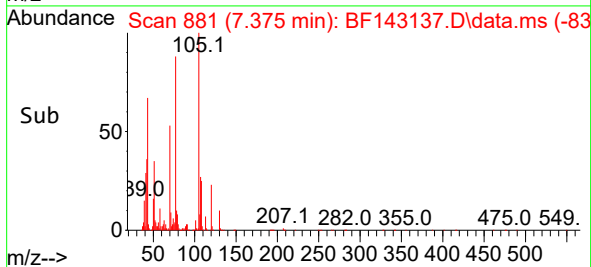
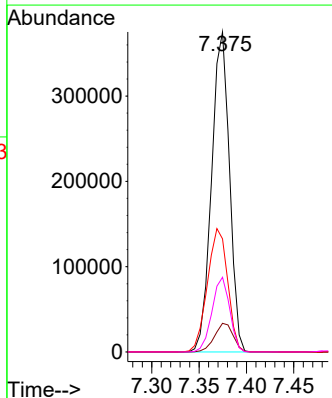
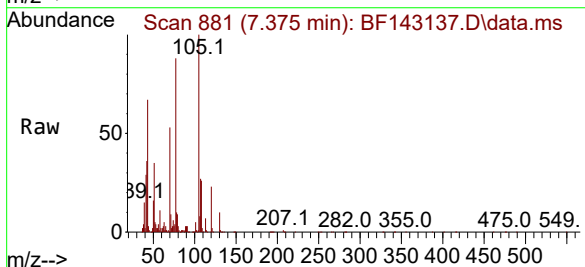
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

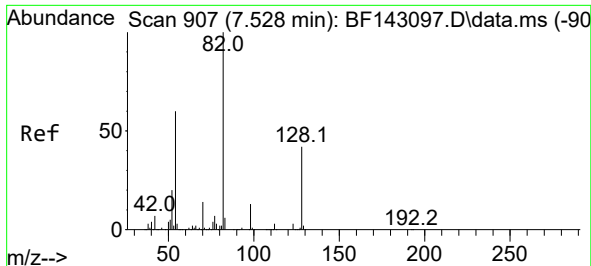
Tgt Ion:	136	Resp:	514495
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.2	8.3	12.5
68	6.5	5.3	7.9



#22
Acetophenone
Concen: 39.785 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:	105	Resp:	493430
Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.2	10.8
51	35.4	27.0	40.4
120	23.4	18.2	27.2





#23

Nitrobenzene-d5

Concen: 92.552 ng

RT: 7.528 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

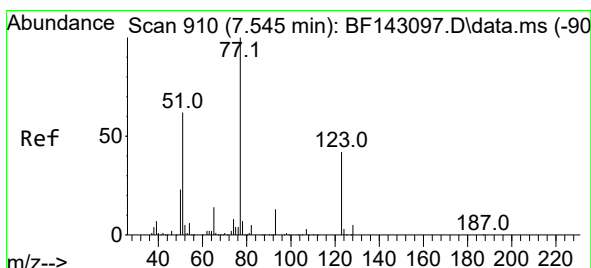
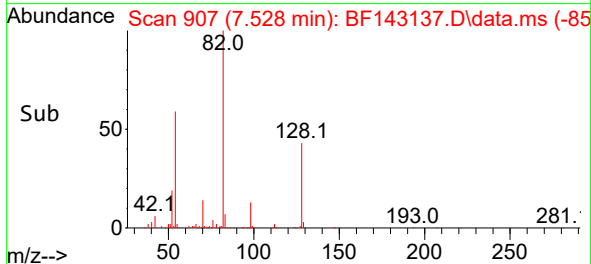
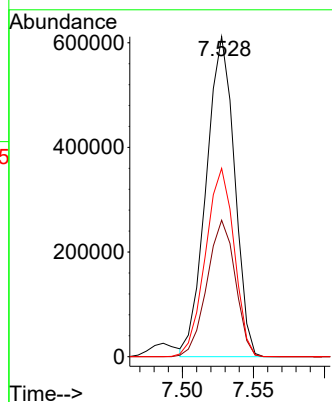
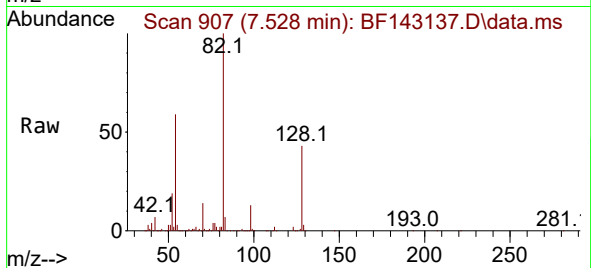
Tgt Ion: 82 Resp: 848823

Ion Ratio Lower Upper

82 100

128 42.7 33.3 49.9

54 58.9 47.4 71.2



#24

Nitrobenzene

Concen: 44.942 ng

RT: 7.545 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

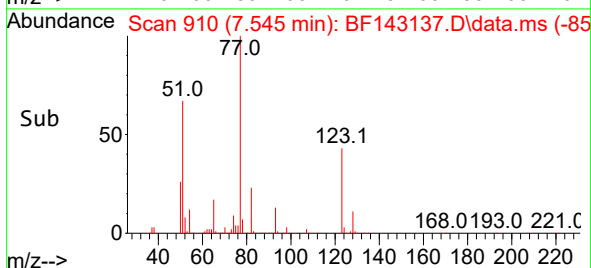
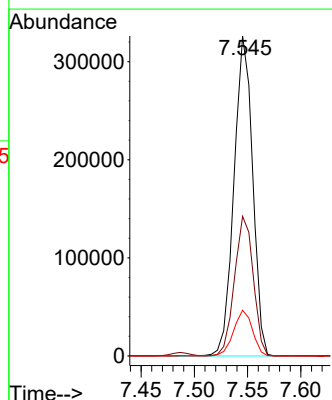
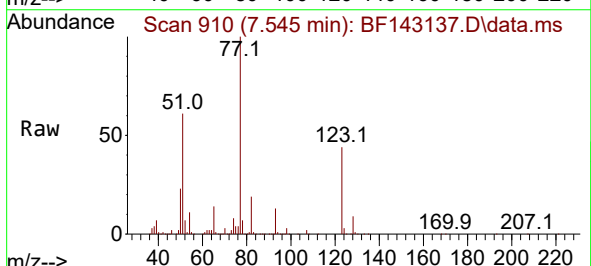
Tgt Ion: 77 Resp: 397905

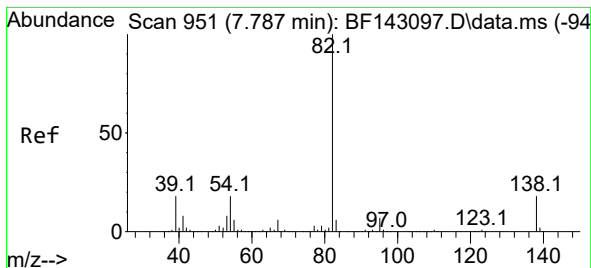
Ion Ratio Lower Upper

77 100

123 43.7 34.5 51.7

65 14.3 11.3 16.9





#25

Isophorone

Concen: 40.892 ng

RT: 7.786 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

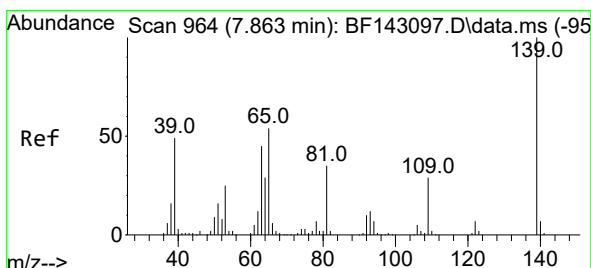
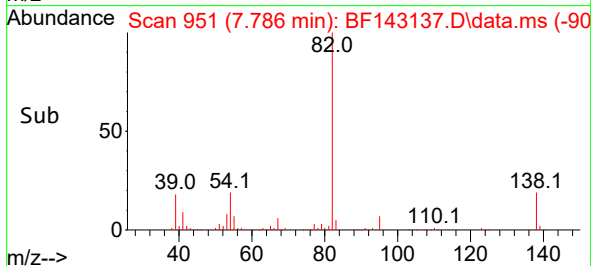
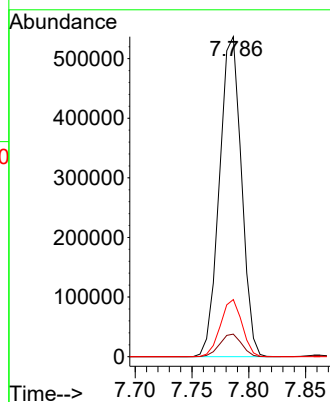
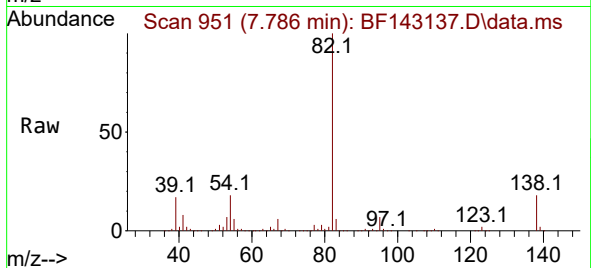
Tgt Ion: 82 Resp: 724887

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 17.9 14.3 21.5



#26

2-Nitrophenol

Concen: 42.372 ng

RT: 7.863 min Scan# 964

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

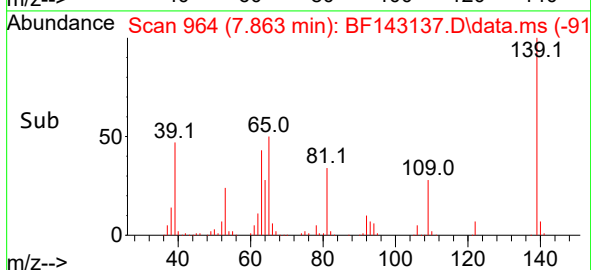
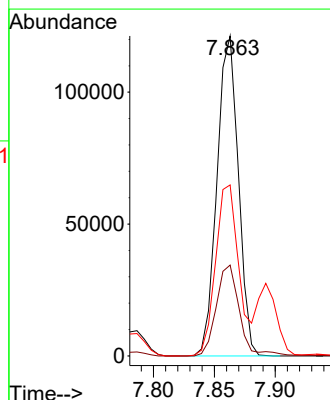
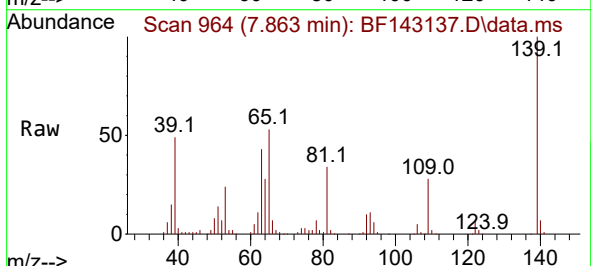
Tgt Ion:139 Resp: 148139

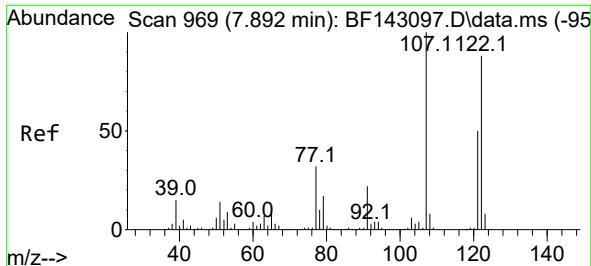
Ion Ratio Lower Upper

139 100

109 28.4 23.4 35.0

65 53.5 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 41.206 ng

RT: 7.892 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

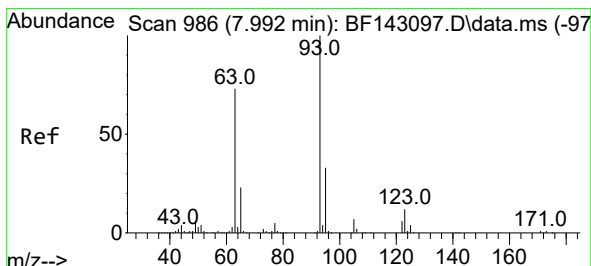
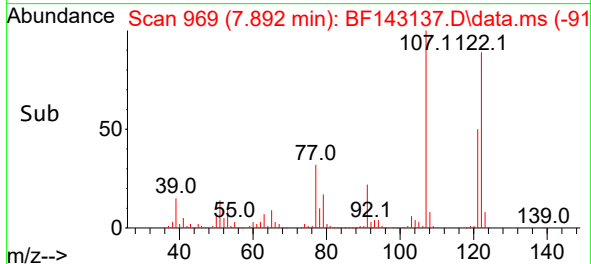
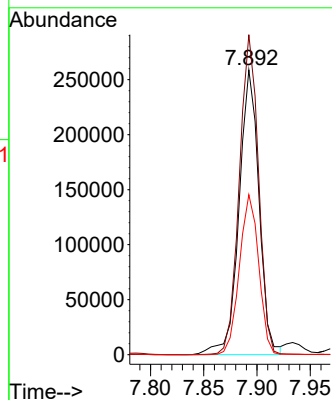
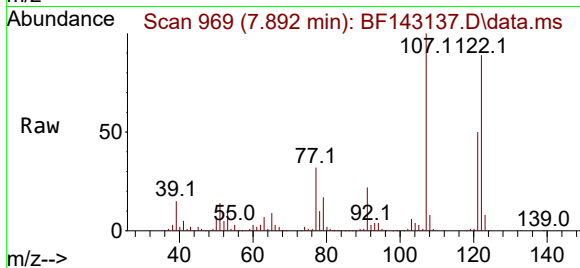
Tgt Ion:122 Resp: 339027

Ion Ratio Lower Upper

122 100

107 112.4 91.3 136.9

121 56.2 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.266 ng

RT: 7.992 min Scan# 986

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

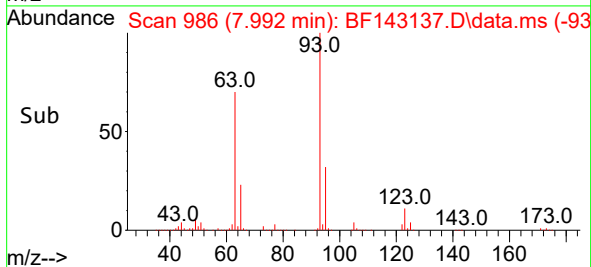
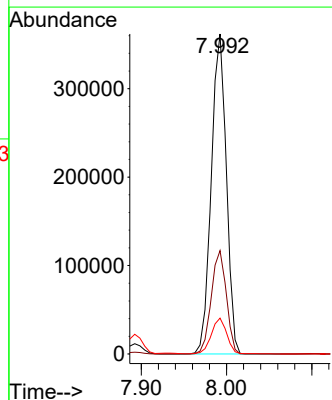
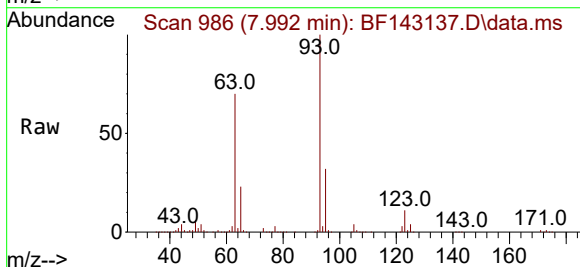
Tgt Ion: 93 Resp: 443588

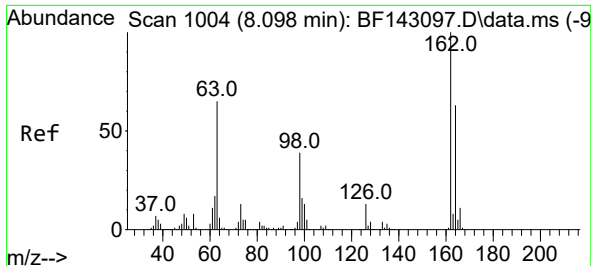
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

123 11.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 39.049 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

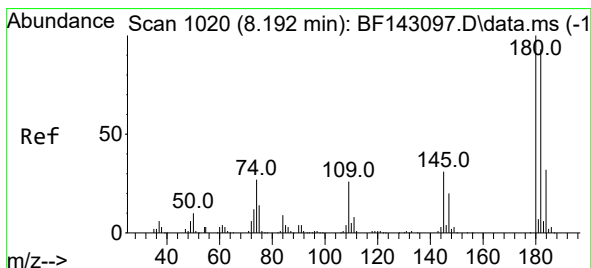
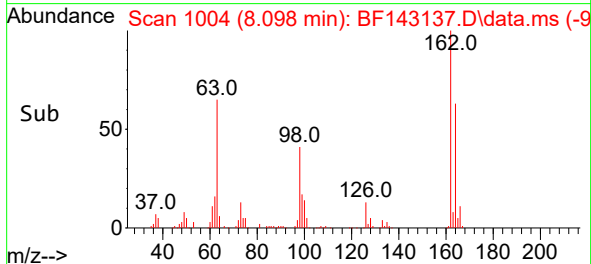
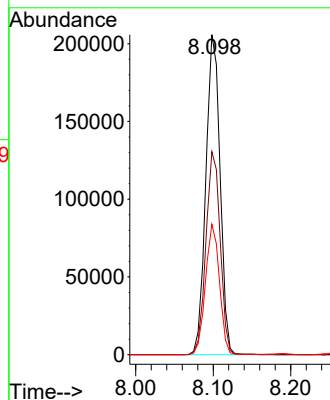
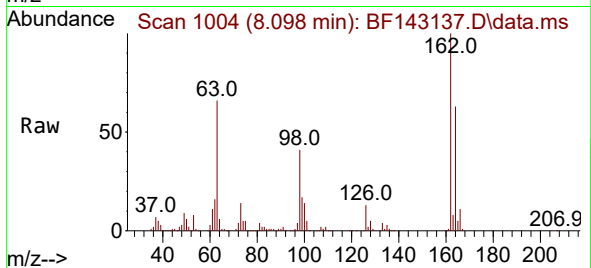
Tgt Ion:162 Resp: 262840

Ion Ratio Lower Upper

162 100

164 63.4 43.1 83.1

98 40.8 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 40.052 ng

RT: 8.192 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

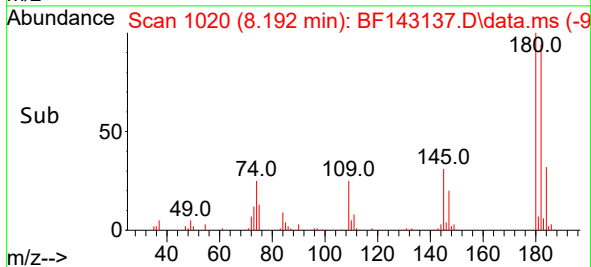
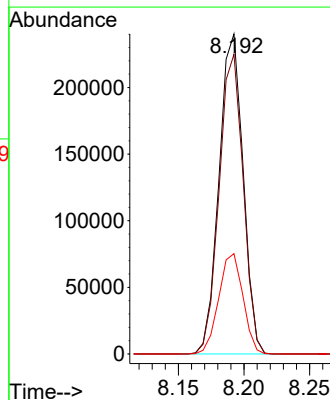
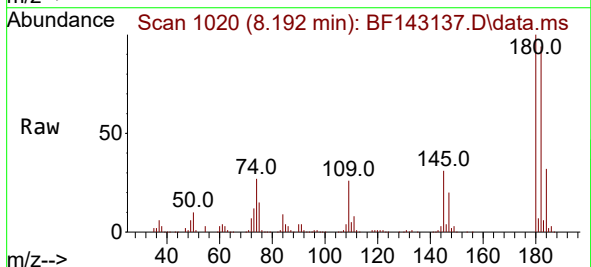
Tgt Ion:180 Resp: 305955

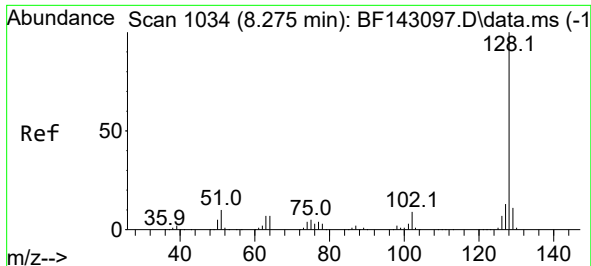
Ion Ratio Lower Upper

180 100

182 93.6 74.7 112.1

145 31.4 24.5 36.7

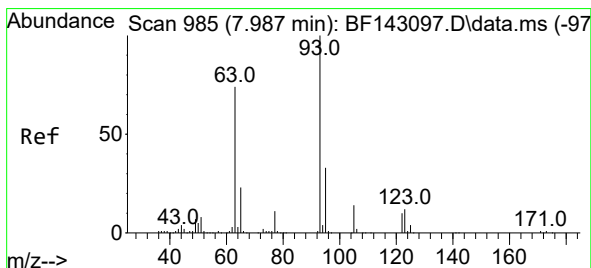
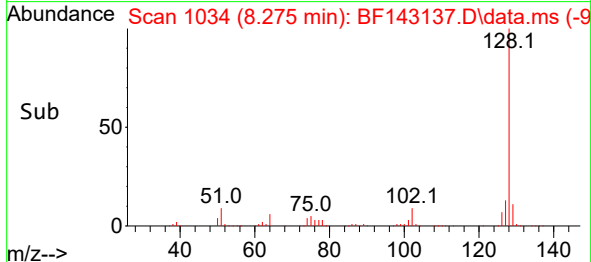
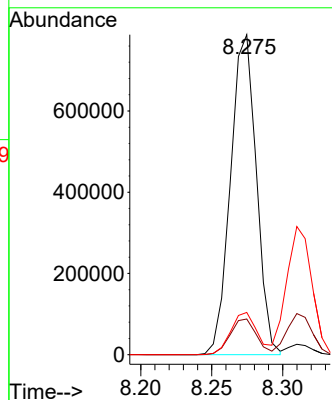
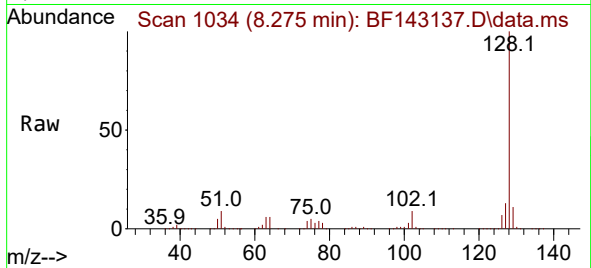




#31
Naphthalene
Concen: 39.022 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

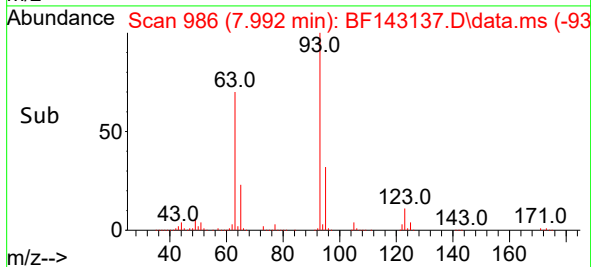
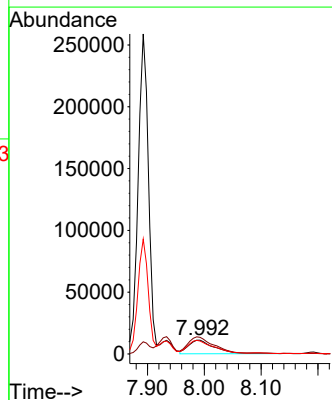
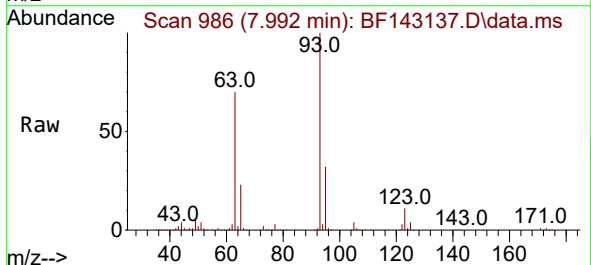
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

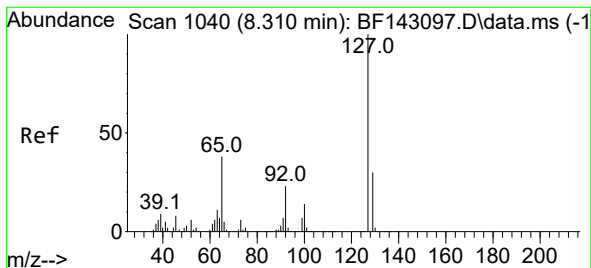
Tgt Ion:128 Resp: 996982
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 13.853 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.005 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:122 Resp: 34786
Ion Ratio Lower Upper
122 100
105 121.2 105.4 145.4
77 94.0 78.6 118.6





#33

4-Chloroaniline

Concen: 37.914 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 389527

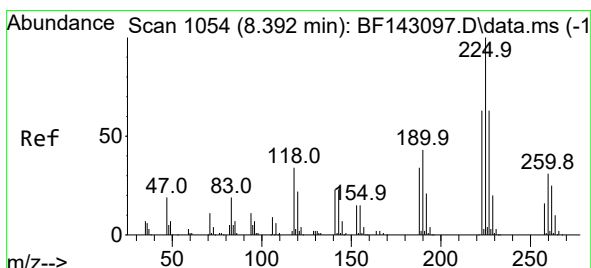
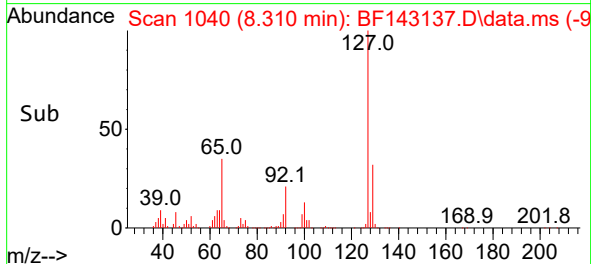
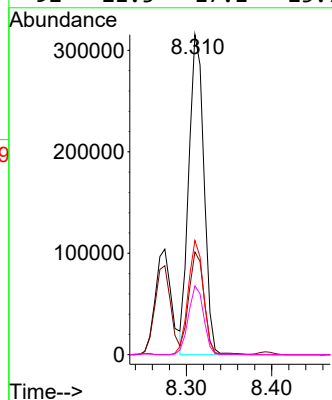
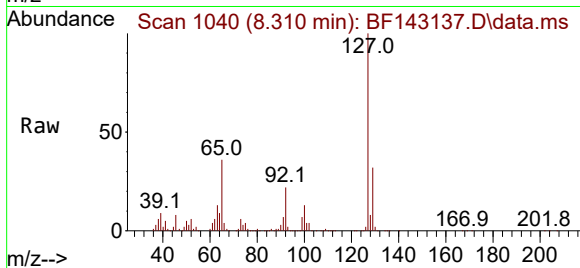
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.4

65 35.7 28.6 42.8

92 21.5 17.1 25.7



#34

Hexachlorobutadiene

Concen: 41.361 ng

RT: 8.392 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

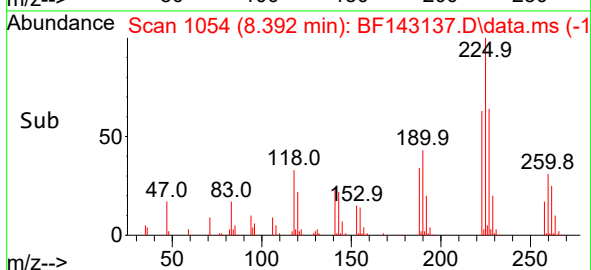
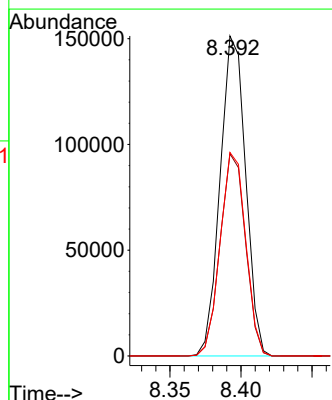
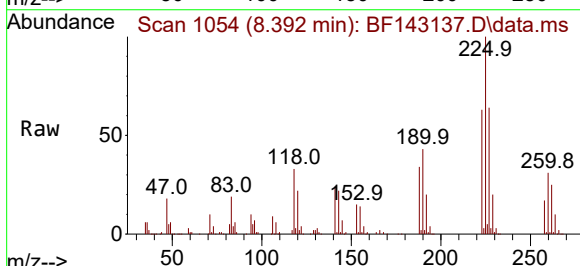
Tgt Ion:225 Resp: 188958

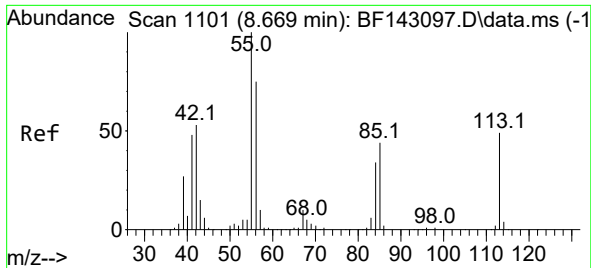
Ion Ratio Lower Upper

225 100

223 63.2 50.3 75.5

227 63.6 50.1 75.1

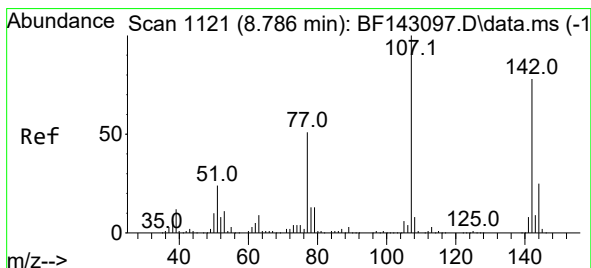
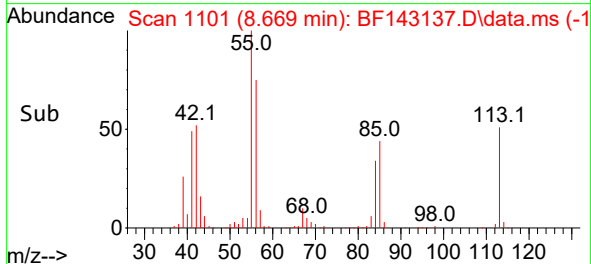
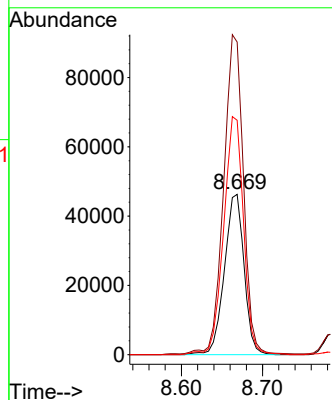
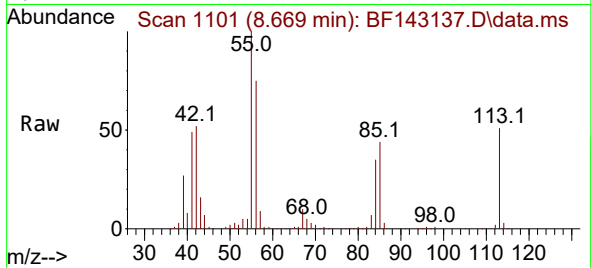




#35
 Caprolactam
 Concen: 37.085 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.000 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

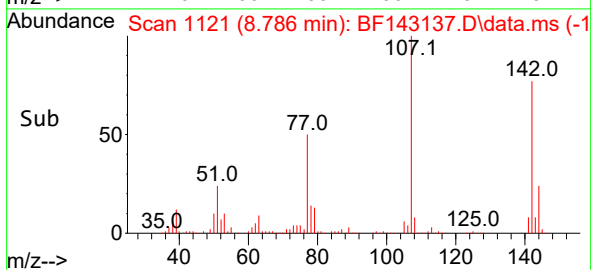
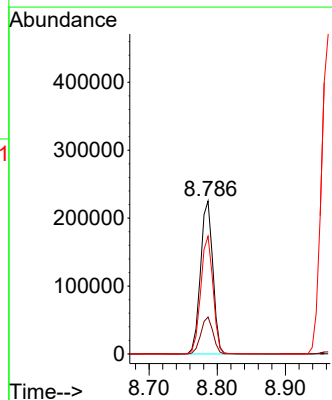
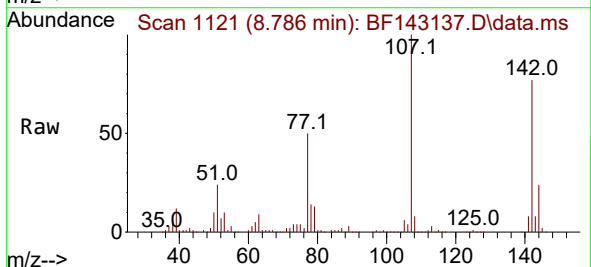
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

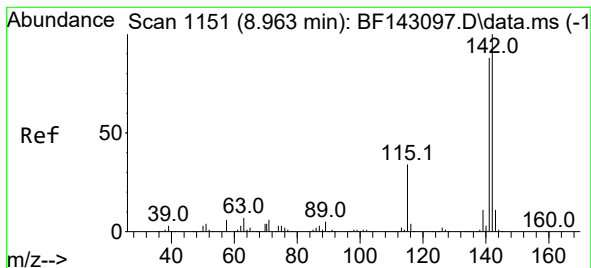
Tgt Ion:113 Resp: 77948
 Ion Ratio Lower Upper
 113 100
 55 194.9 186.2 226.2
 56 146.2 134.1 174.1



#36
 4-Chloro-3-methylphenol
 Concen: 37.997 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

Tgt Ion:107 Resp: 284902
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.2 30.2
 142 77.0 62.4 93.6

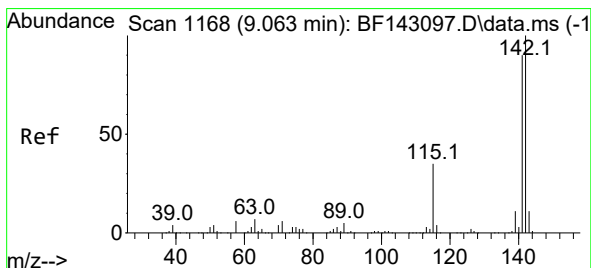
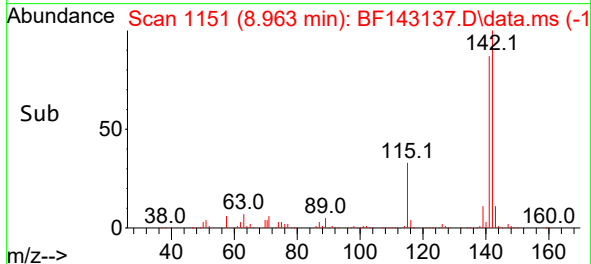
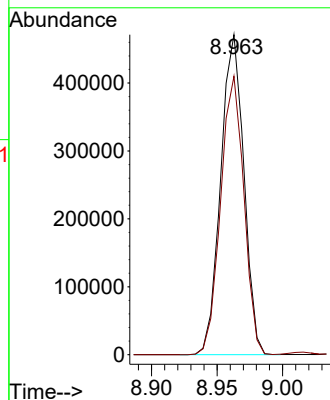
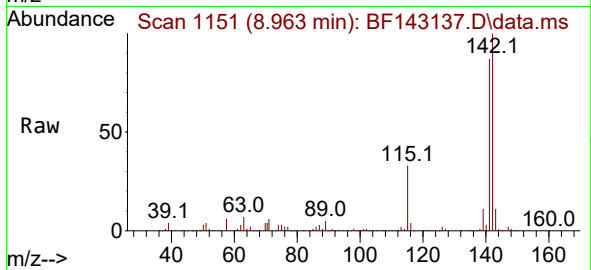




#37
2-Methylnaphthalene
Concen: 37.939 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

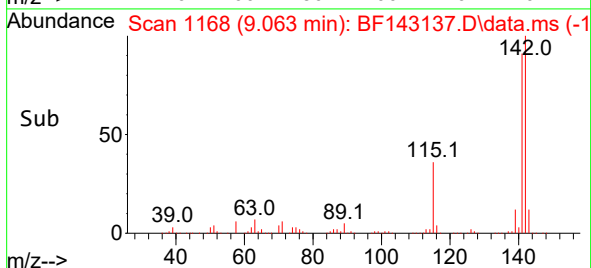
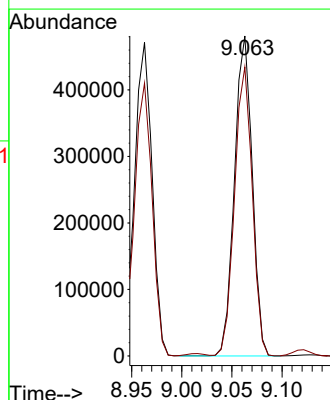
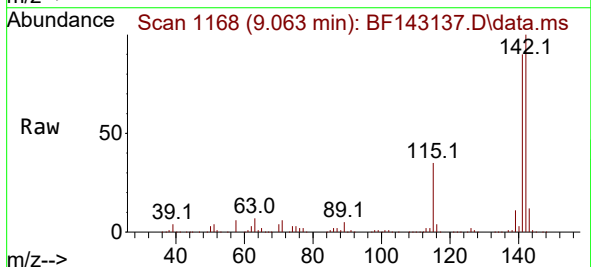
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

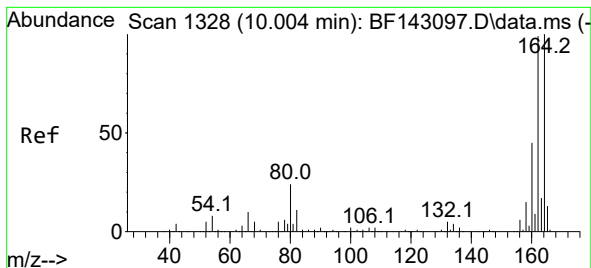
Tgt Ion:142 Resp: 578259
Ion Ratio Lower Upper
142 100
141 87.0 70.2 105.2



#38
1-Methylnaphthalene
Concen: 37.710 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:142 Resp: 596132
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF143137.D

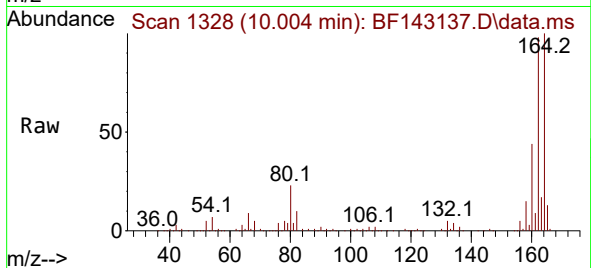
Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



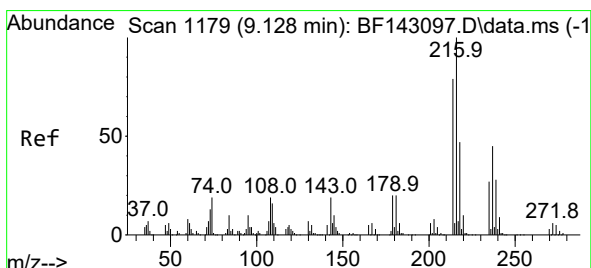
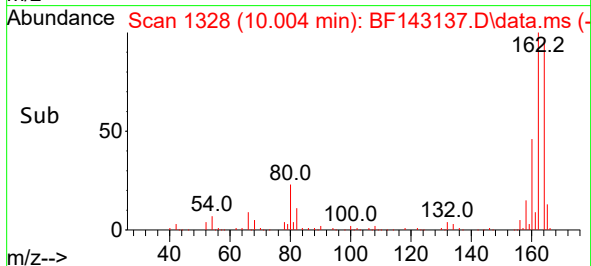
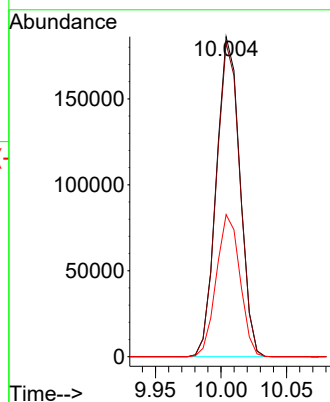
Tgt Ion:164 Resp: 231809

Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

160 44.4 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.698 ng

RT: 9.127 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Tgt Ion:216 Resp: 281686

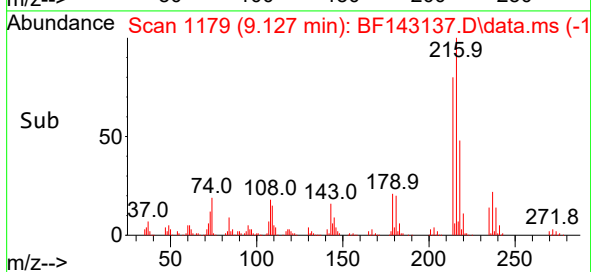
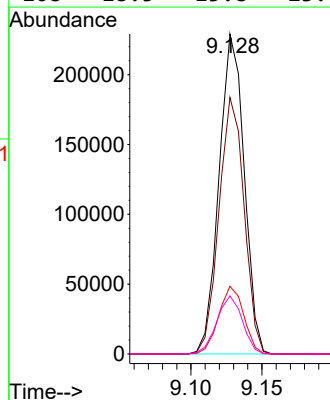
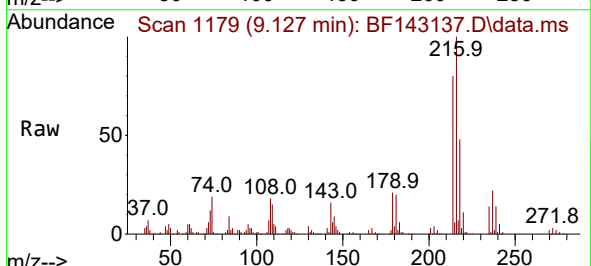
Ion Ratio Lower Upper

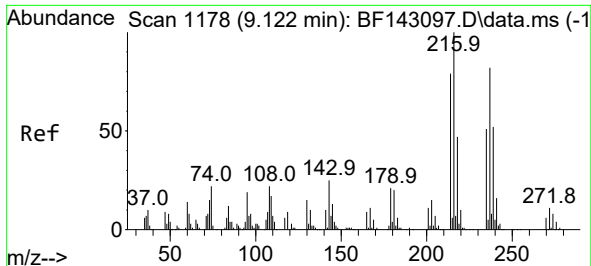
216 100

214 80.0 62.6 94.0

179 21.1 16.2 24.2

108 18.5 15.8 23.6

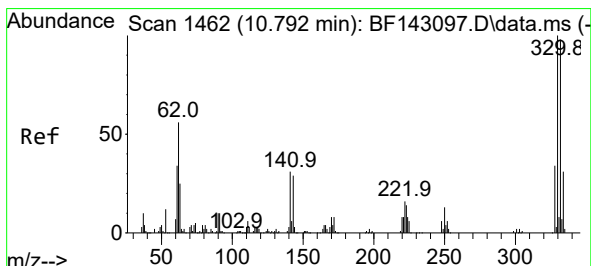
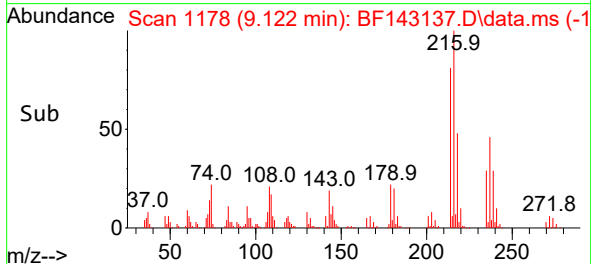
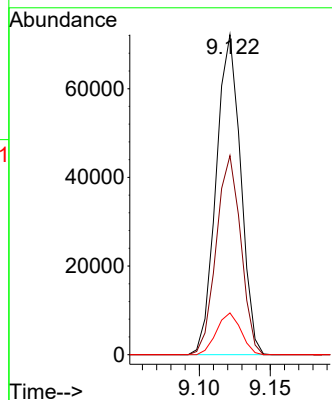
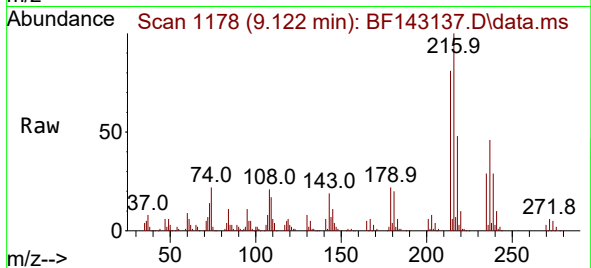




#41
Hexachlorocyclopentadiene
Concen: 23.127 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

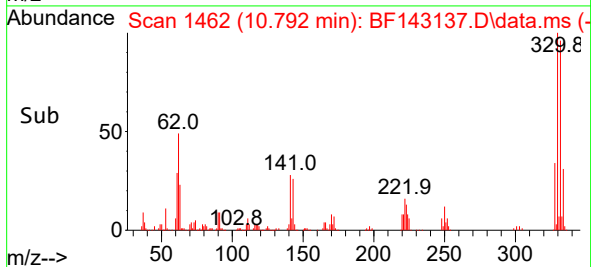
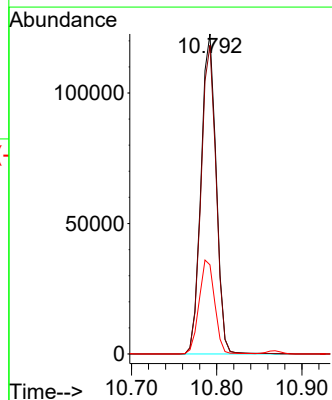
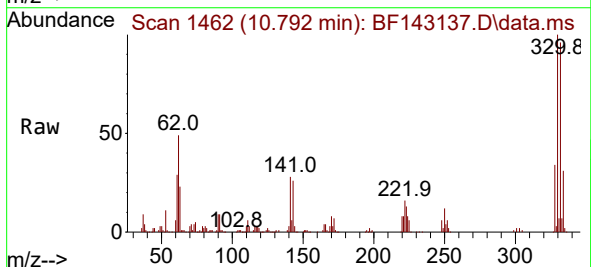
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

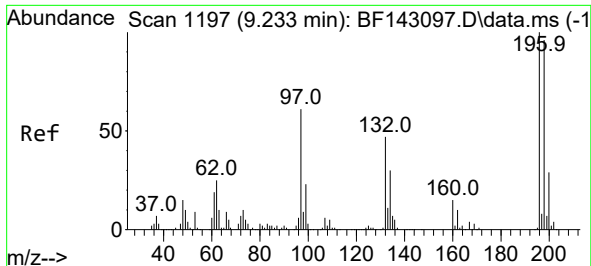
Tgt Ion:237 Resp: 86619
Ion Ratio Lower Upper
237 100
235 62.2 41.6 81.6
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 73.003 ng
RT: 10.792 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:330 Resp: 150891
Ion Ratio Lower Upper
330 100
332 96.5 77.9 116.9
141 30.3 25.9 38.9





#43

2,4,6-Trichlorophenol

Concen: 36.620 ng

RT: 9.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

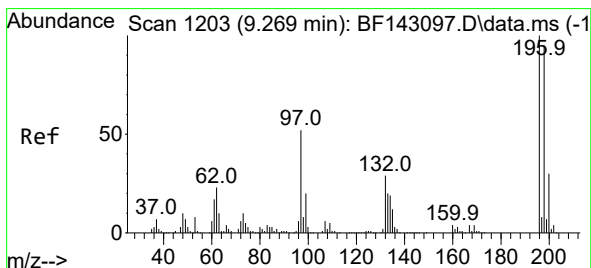
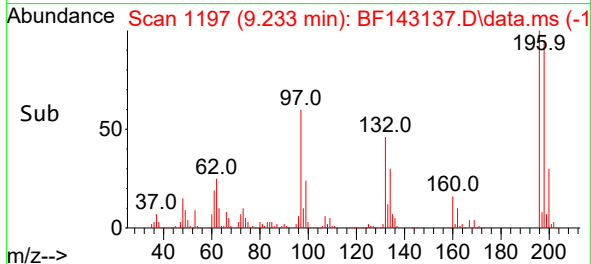
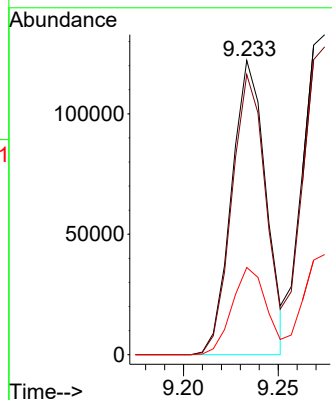
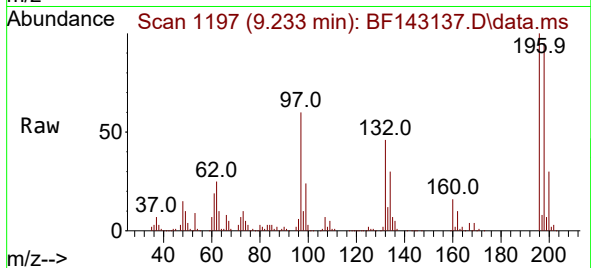
Tgt Ion:196 Resp: 153713

Ion Ratio Lower Upper

196 100

198 95.2 76.9 115.3

200 29.6 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 38.898 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Tgt Ion:196 Resp: 171201

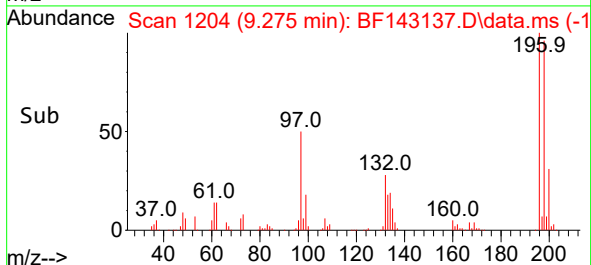
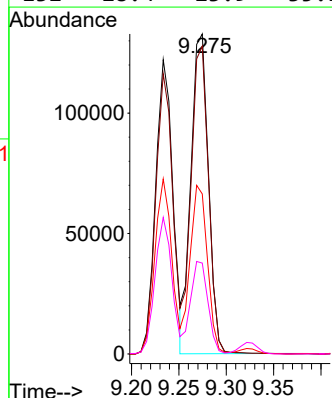
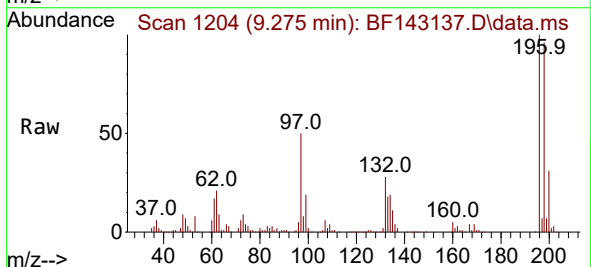
Ion Ratio Lower Upper

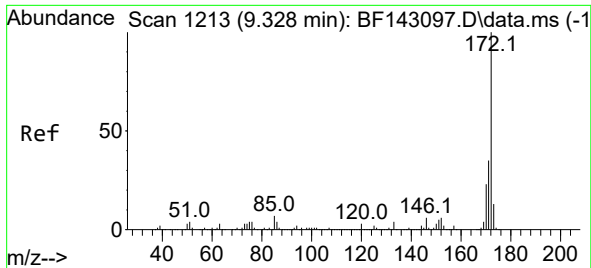
196 100

198 96.2 76.4 114.6

97 50.0 42.4 63.6

132 28.4 23.9 35.9

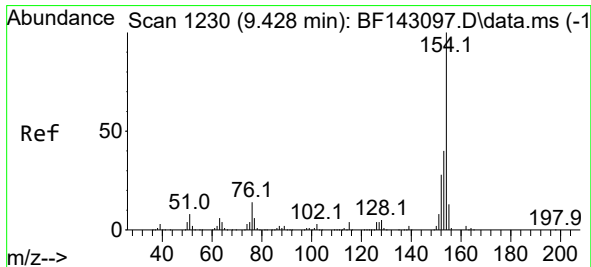
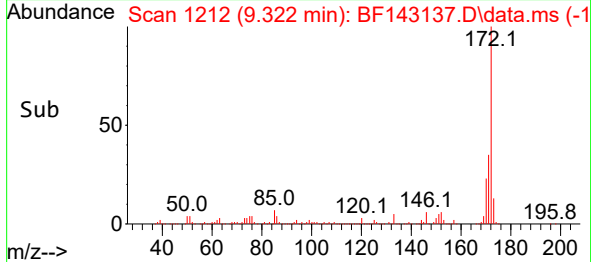
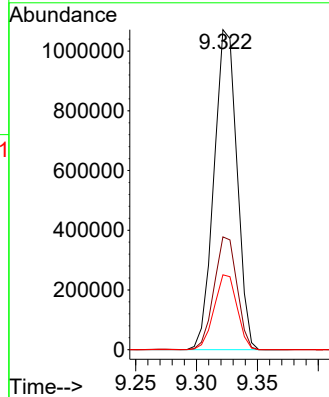
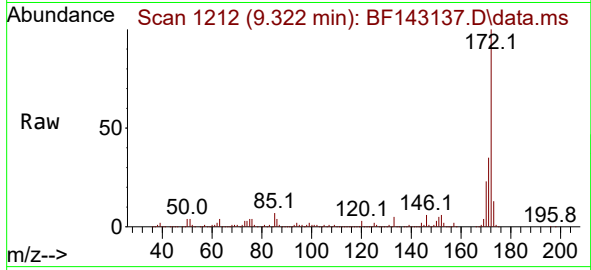




#45
2-Fluorobiphenyl
Concen: 80.821 ng
RT: 9.322 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

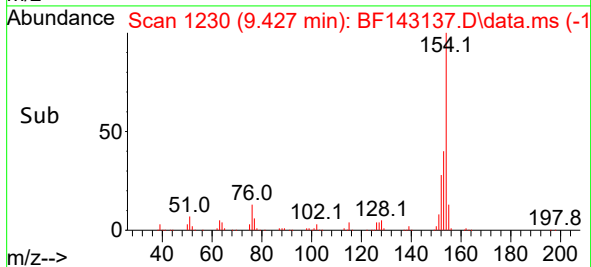
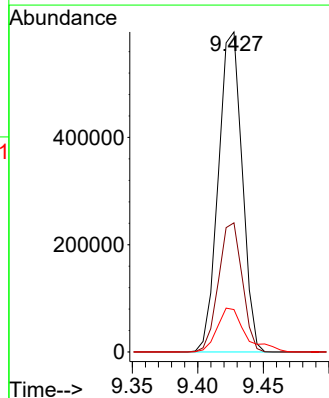
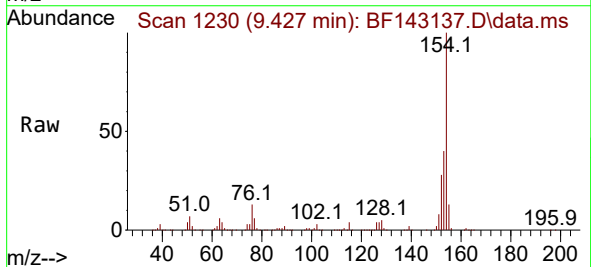
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

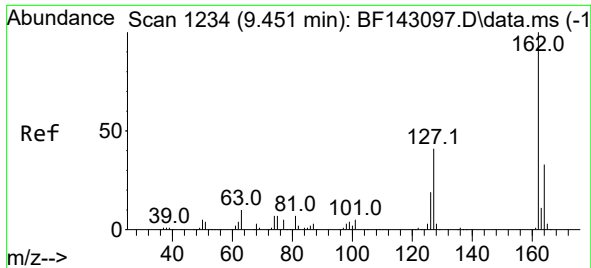
Tgt Ion:172 Resp: 1409405
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.638 ng
RT: 9.427 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:154 Resp: 751239
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 13.3 0.0 33.7

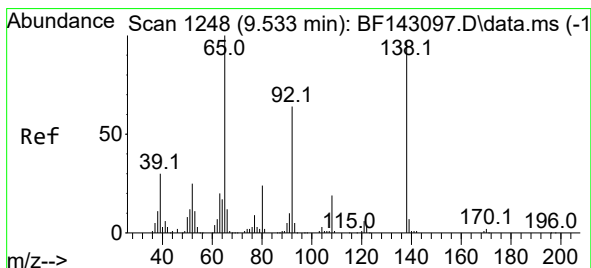
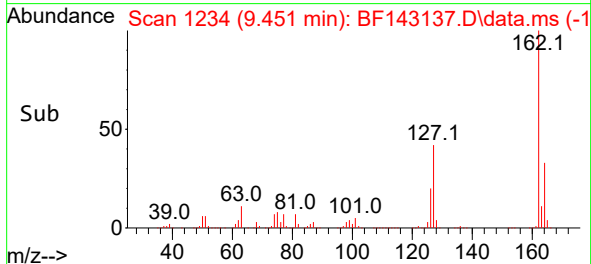
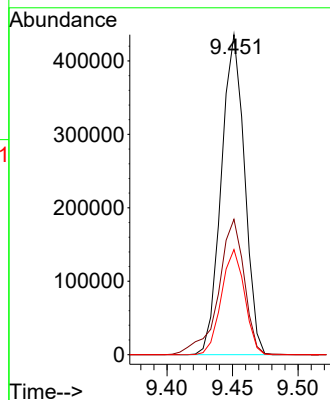
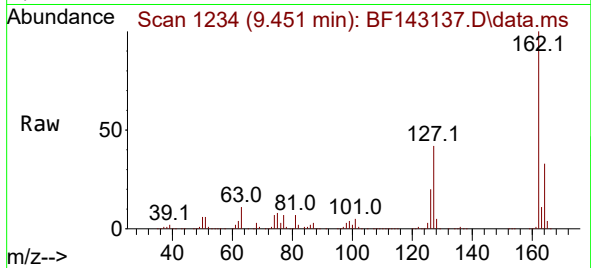




#47
2-Chloronaphthalene
Concen: 39.549 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

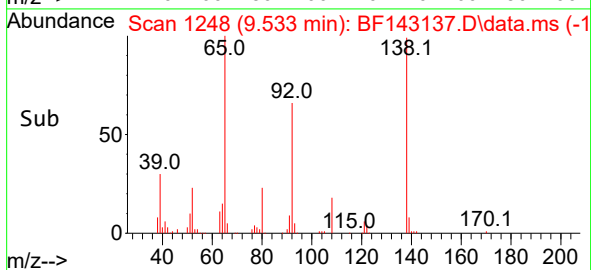
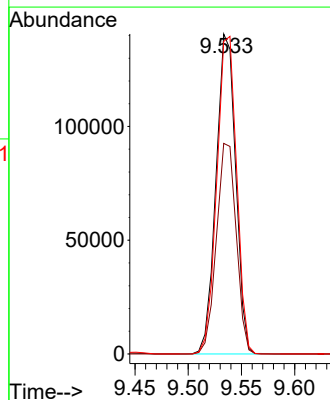
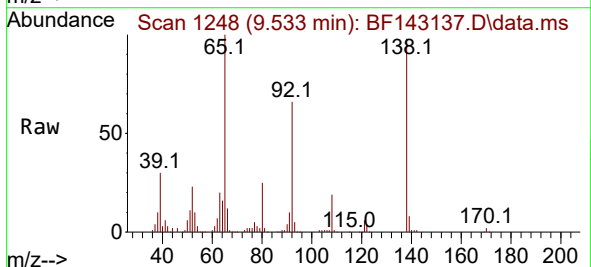
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

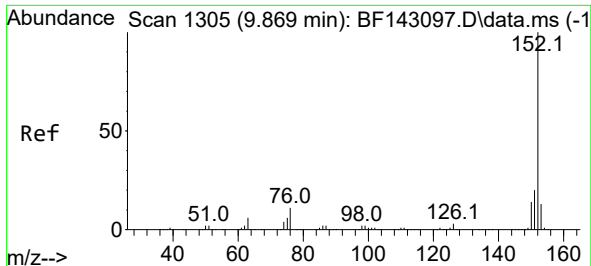
Tgt Ion:162 Resp: 537100
Ion Ratio Lower Upper
162 100
127 42.3 33.0 49.6
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 44.648 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion: 65 Resp: 180073
Ion Ratio Lower Upper
65 100
92 65.8 51.3 76.9
138 97.6 77.8 116.6

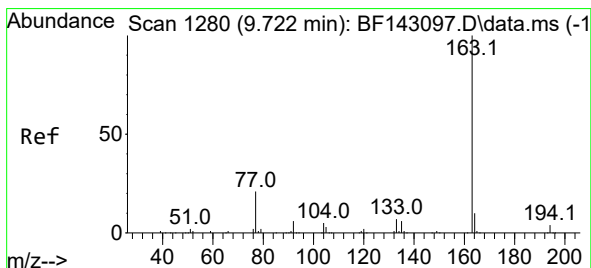
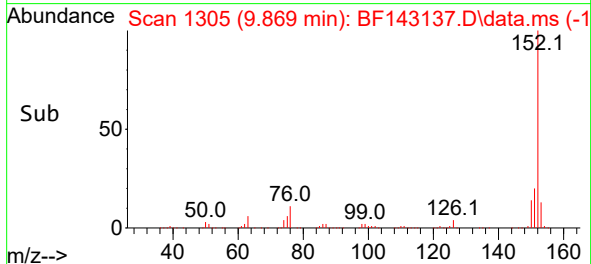
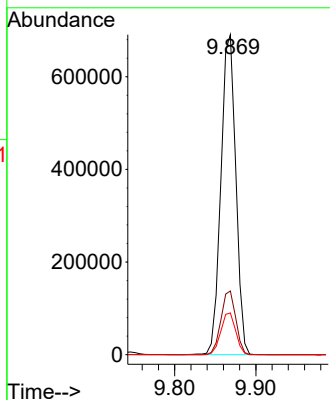
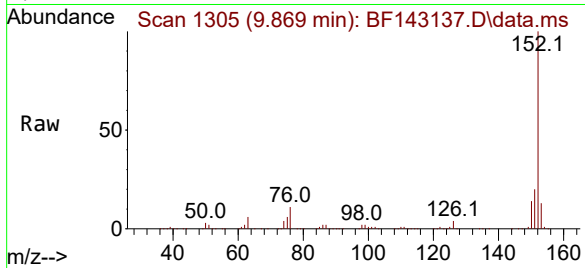




#49
Acenaphthylene
Concen: 39.008 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

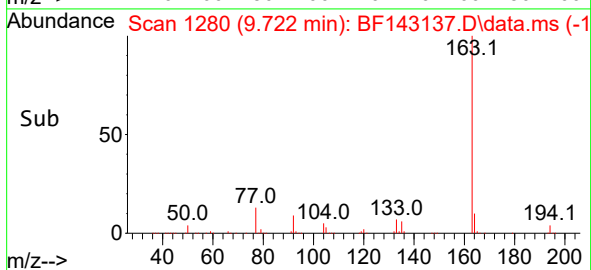
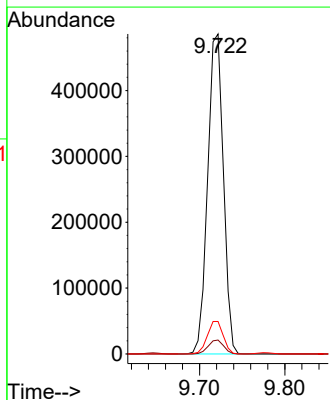
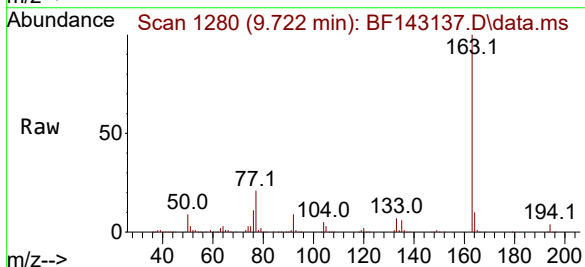
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

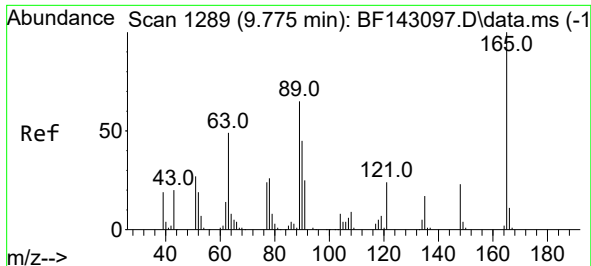
Tgt Ion:152 Resp: 882729
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 42.709 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:163 Resp: 622841
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.2 12.2

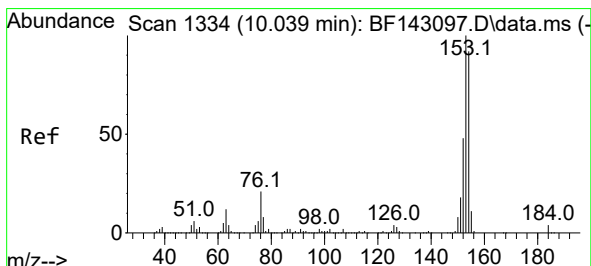
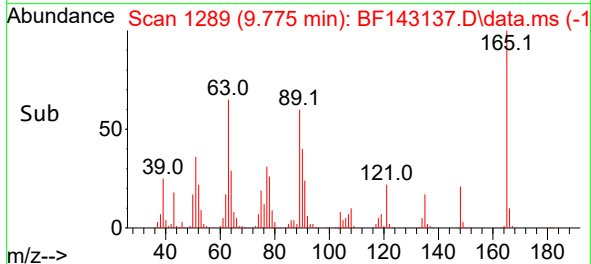
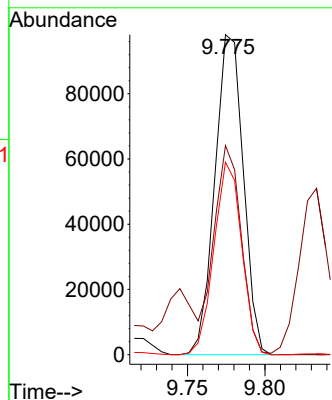
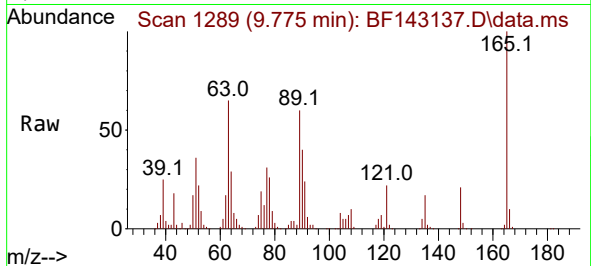




#51
2,6-Dinitrotoluene
Concen: 43.803 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

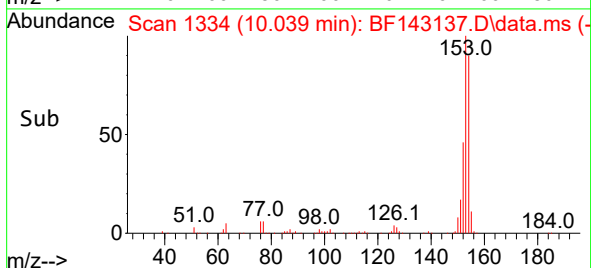
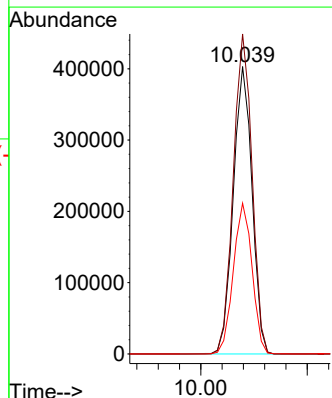
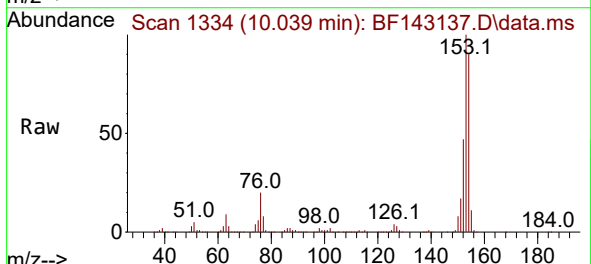
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

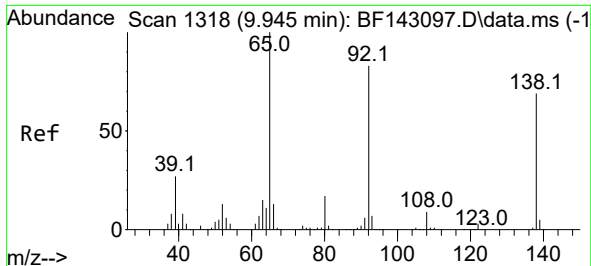
Tgt Ion:165 Resp: 125478
Ion Ratio Lower Upper
165 100
63 65.3 57.4 86.0
89 60.1 51.8 77.8



#52
Acenaphthene
Concen: 37.016 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:154 Resp: 494312
Ion Ratio Lower Upper
154 100
153 111.3 86.7 130.1
152 52.5 41.4 62.2

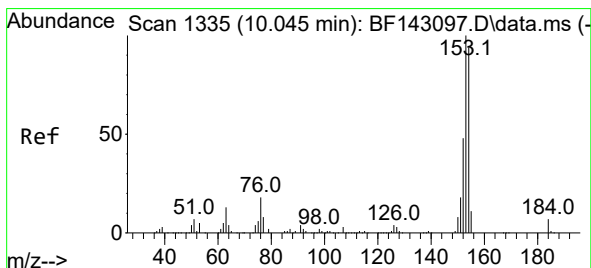
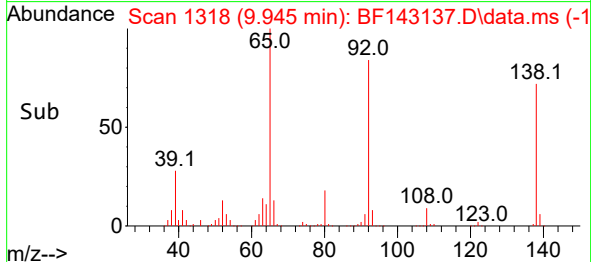
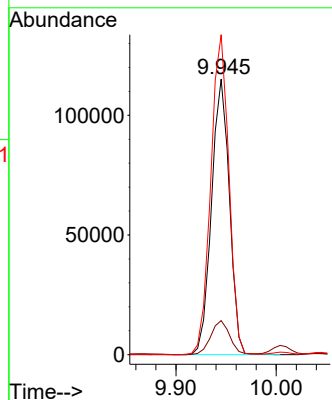
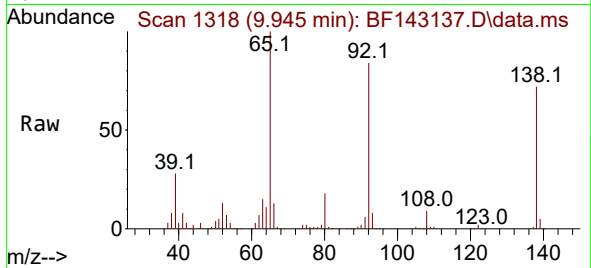




#53
3-Nitroaniline
Concen: 45.308 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

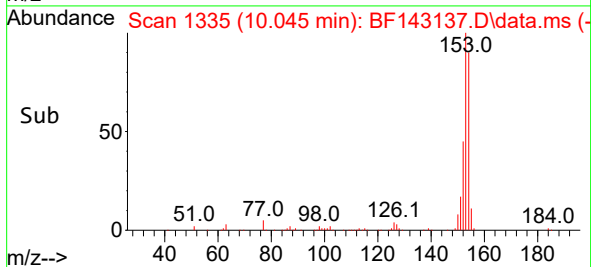
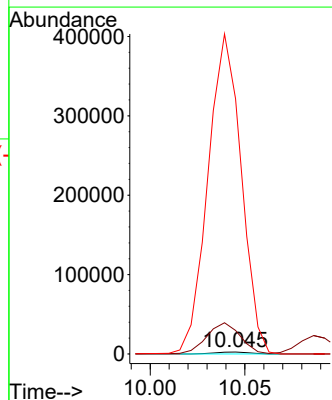
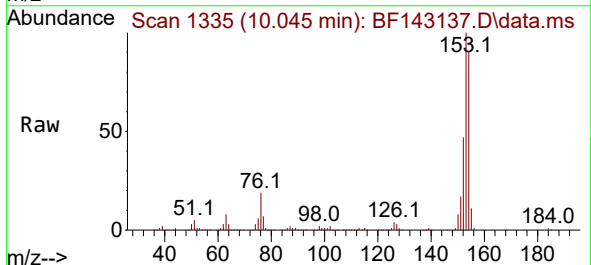
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

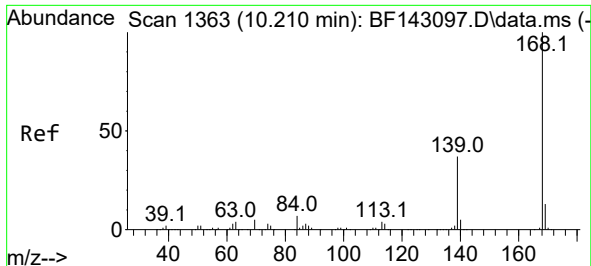
Tgt Ion:138 Resp: 142775
Ion Ratio Lower Upper
138 100
108 12.4 10.1 15.1
92 116.2 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 8.444 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:184 Resp: 2929
Ion Ratio Lower Upper
184 100
63 1226.6 149.3 223.9#
154 13270.2 1048.0 1572.0#

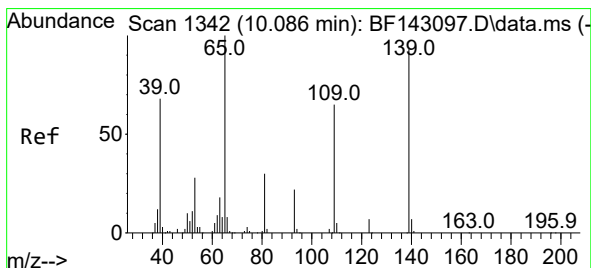
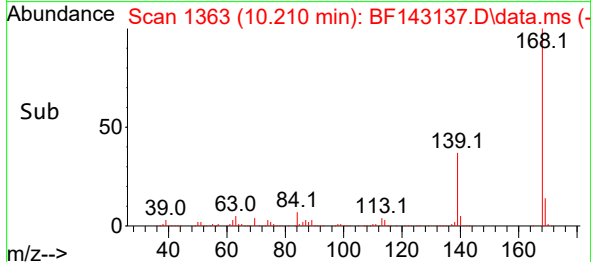
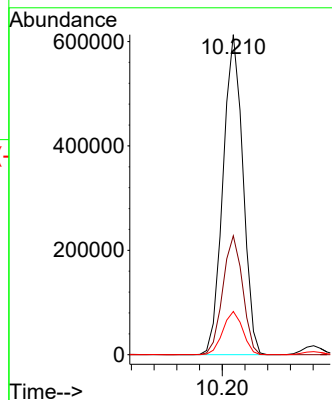
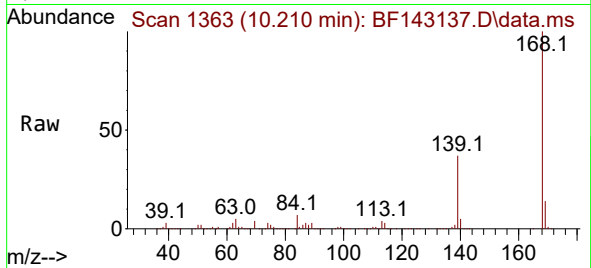




#55
Dibenzofuran
Concen: 37.488 ng
RT: 10.210 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

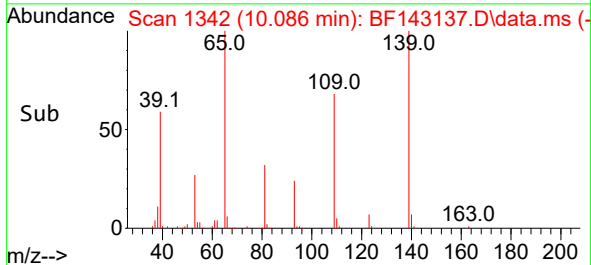
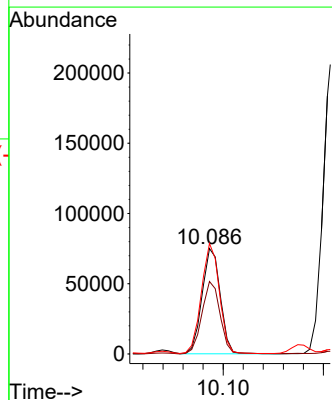
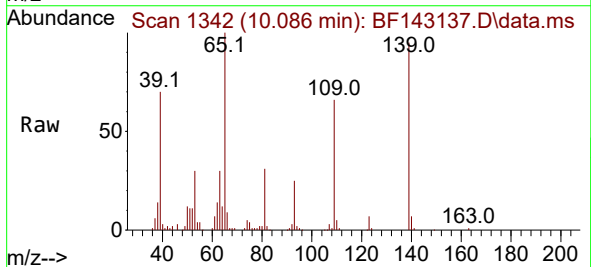
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

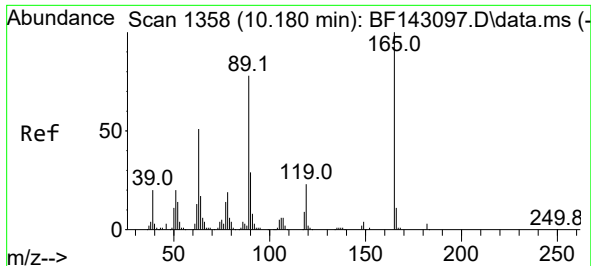
Tgt Ion:168 Resp: 746194
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 37.764 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:139 Resp: 94578
Ion Ratio Lower Upper
139 100
109 68.7 49.4 89.4
65 104.8 88.2 128.2

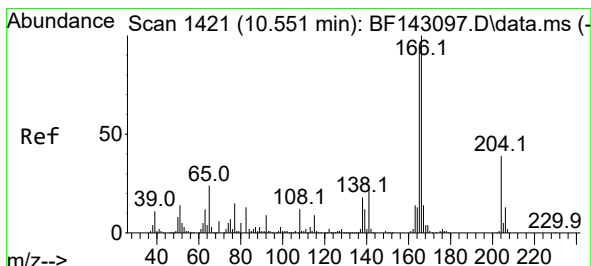
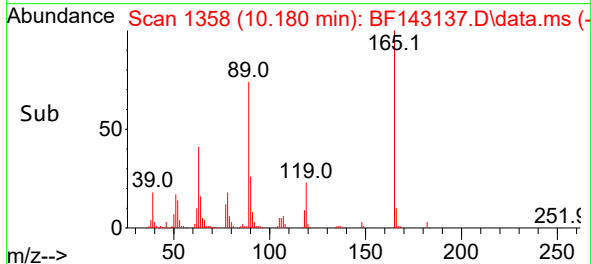
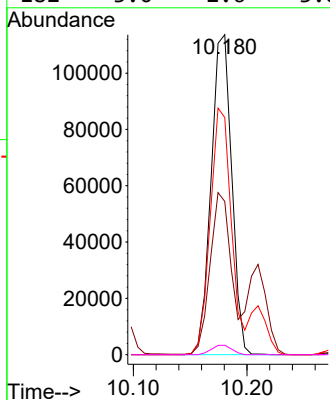
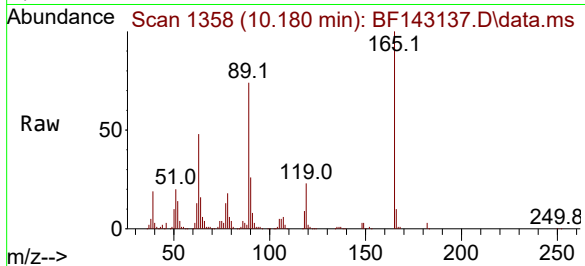




#57
2,4-Dinitrotoluene
Concen: 40.390 ng
RT: 10.180 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

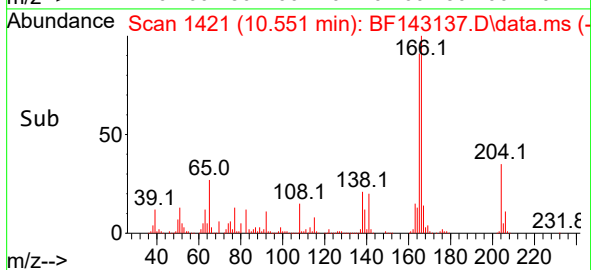
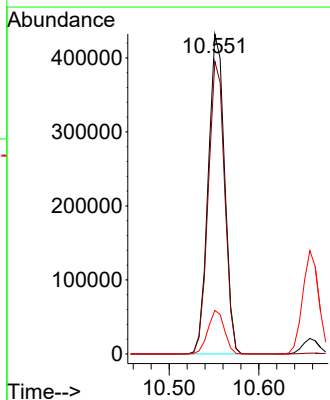
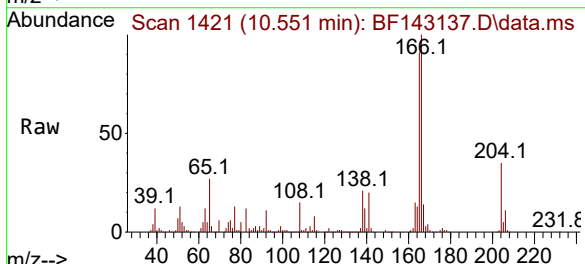
Instrument :
BNA_F
ClientSampleId :
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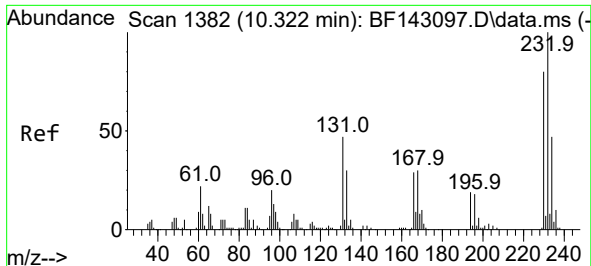
Tgt Ion:165 Resp: 143263
Ion Ratio Lower Upper
165 100
63 47.9 40.6 61.0
89 74.1 62.3 93.5
182 3.0 2.6 3.8



#58
Fluorene
Concen: 36.553 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:166 Resp: 545475
Ion Ratio Lower Upper
166 100
165 91.4 73.7 110.5
167 13.6 10.9 16.3

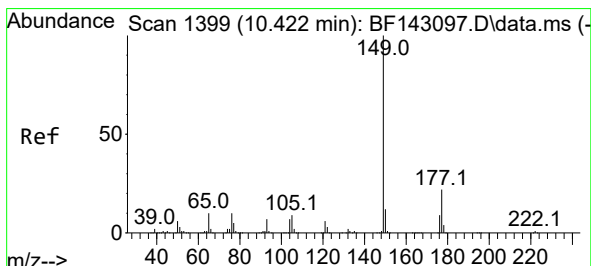
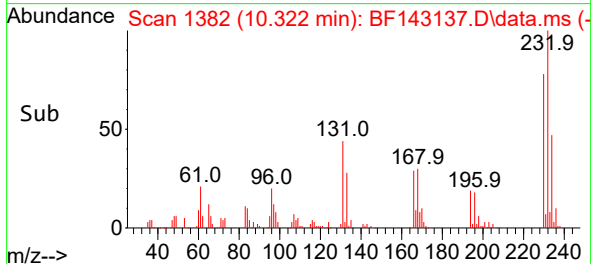
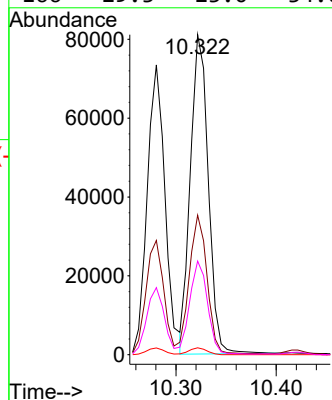
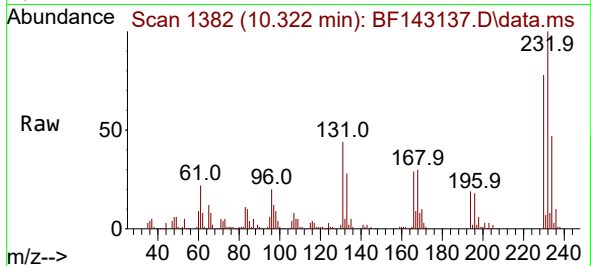




#59
2,3,4,6-Tetrachlorophenol
Concen: 28.775 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

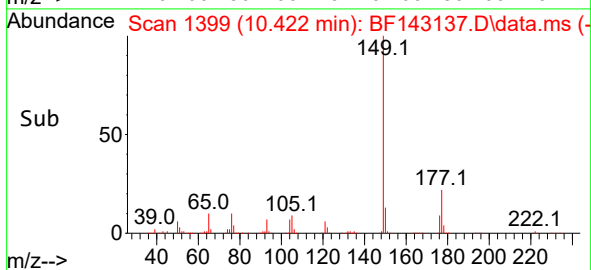
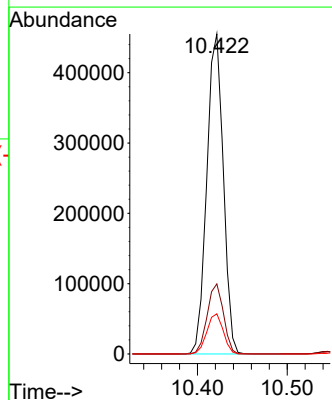
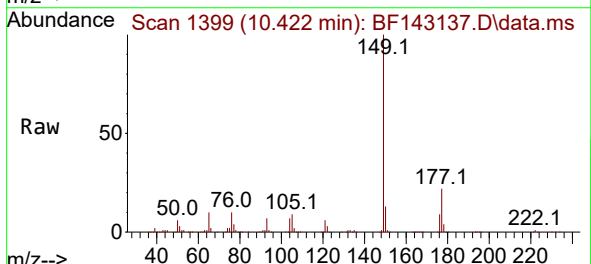
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

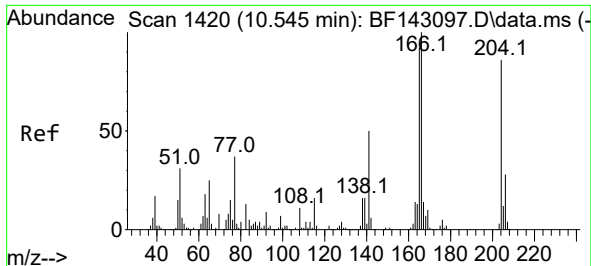
Tgt Ion:232 Resp: 100646
Ion Ratio Lower Upper
232 100
131 44.5 36.9 55.3
130 2.2 1.8 2.8
166 29.3 23.0 34.6



#60
Diethylphthalate
Concen: 41.278 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:149 Resp: 580771
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.5 9.9 14.9

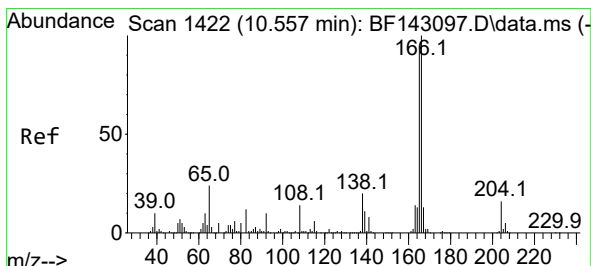
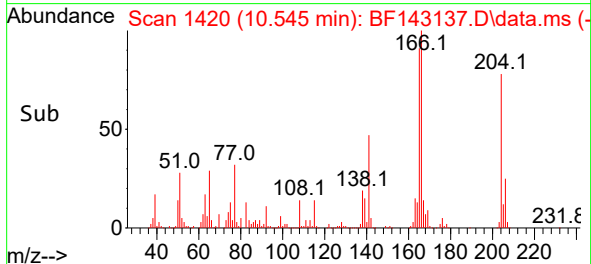
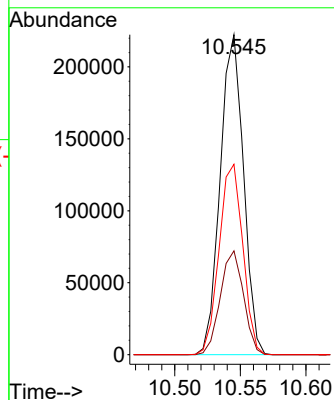
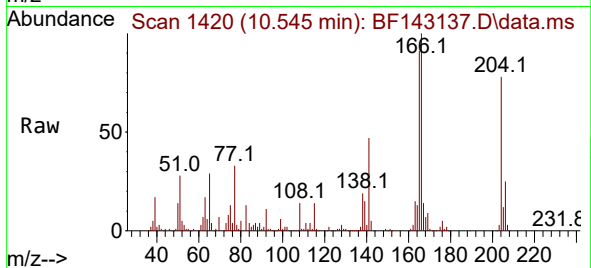




#61
4-Chlorophenyl-phenylether
Concen: 38.408 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

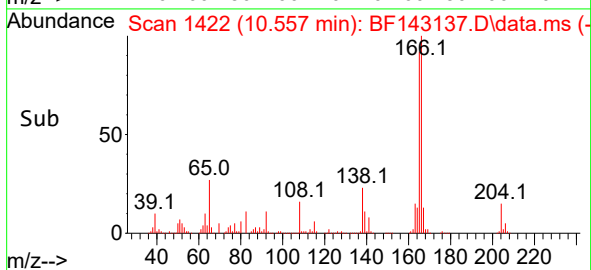
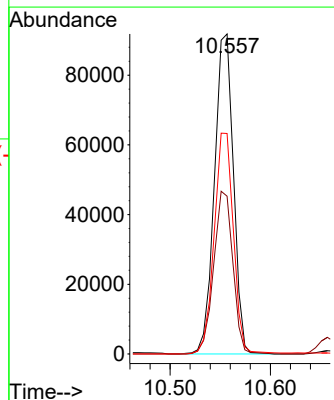
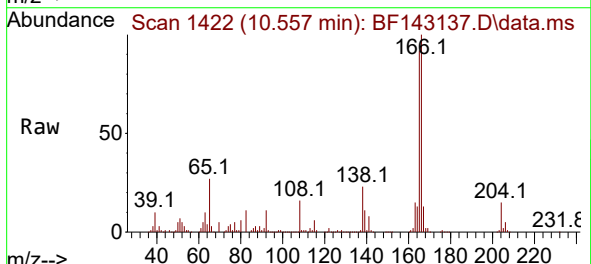
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

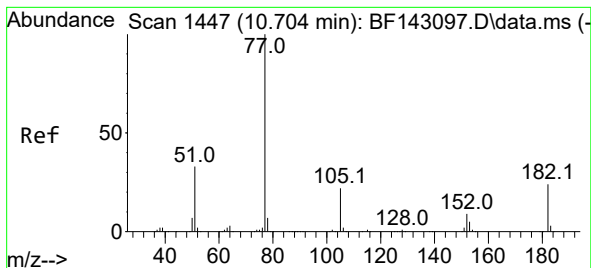
Tgt Ion:204 Resp: 274714
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 59.5 46.8 70.2



#62
4-Nitroaniline
Concen: 44.086 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:138 Resp: 120811
Ion Ratio Lower Upper
138 100
92 49.3 30.4 70.4
108 68.9 49.5 89.5





#63

Azobenzene

Concen: 37.072 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 576851

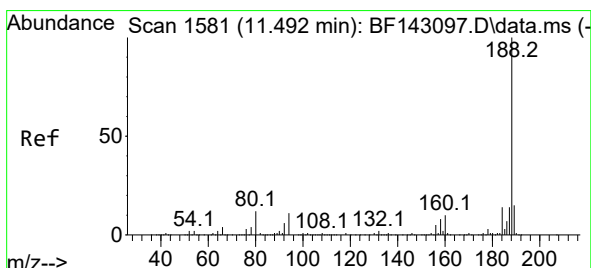
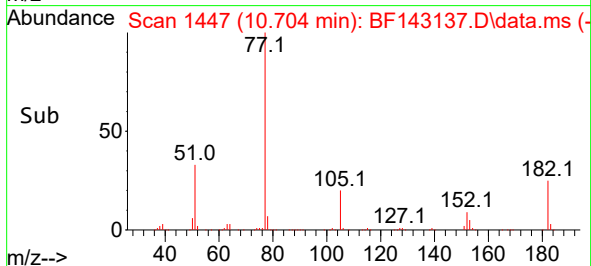
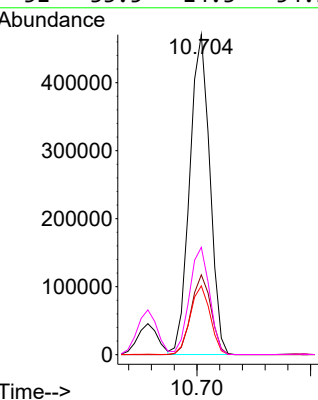
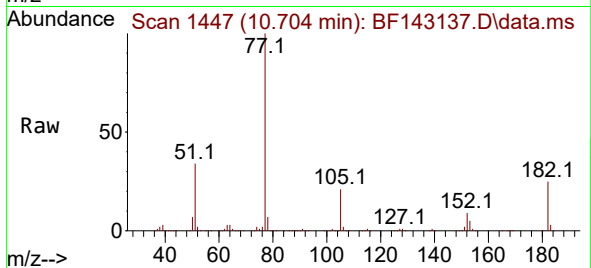
Ion Ratio Lower Upper

77 100

182 25.0 4.0 44.0

105 21.5 1.4 41.4

51 33.5 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

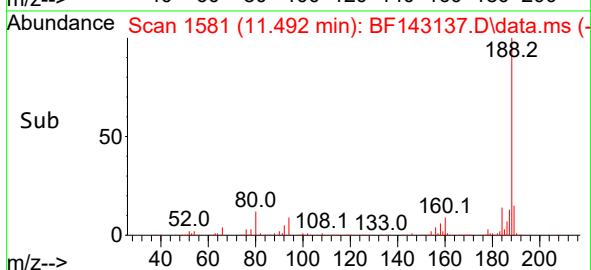
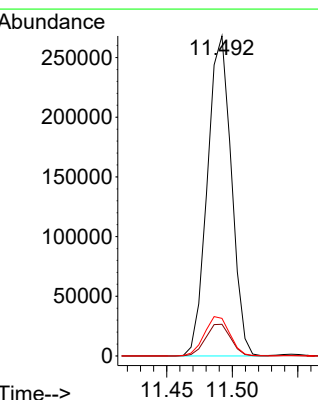
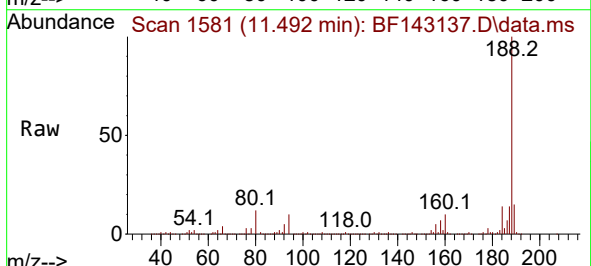
Tgt Ion: 188 Resp: 340985

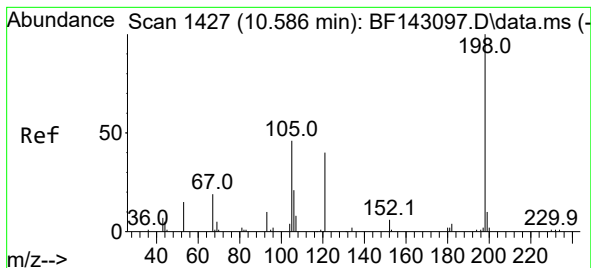
Ion Ratio Lower Upper

188 100

94 9.9 8.6 13.0

80 11.8 9.3 13.9

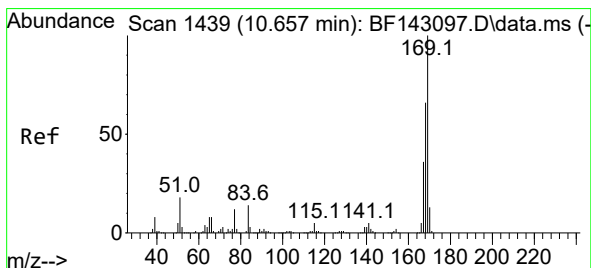
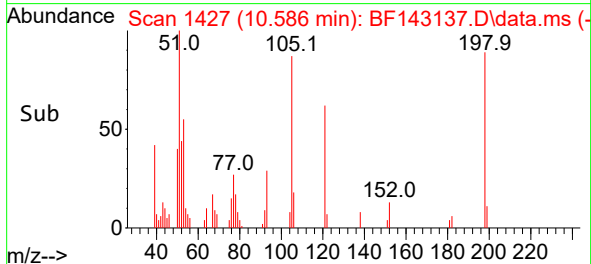
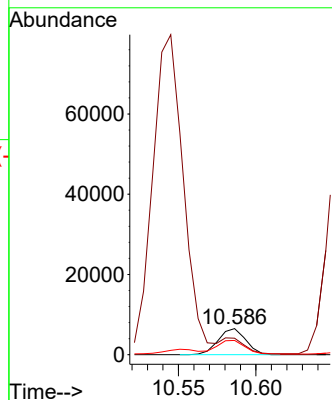
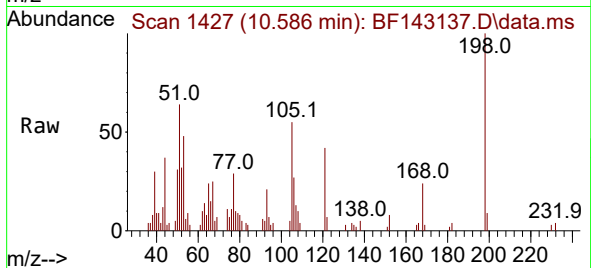




#65
4,6-Dinitro-2-methylphenol
Concen: 11.937 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

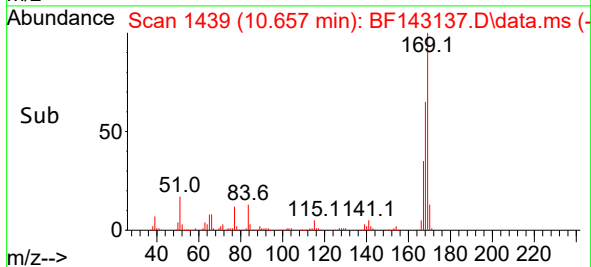
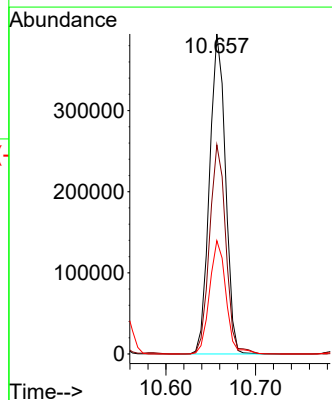
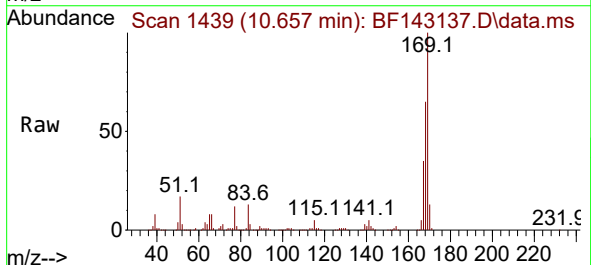
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

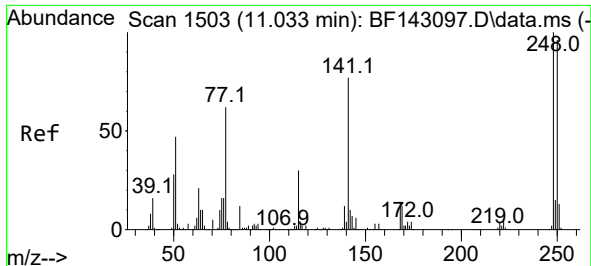
Tgt Ion:198 Resp: 7985
Ion Ratio Lower Upper
198 100
51 63.5 44.6 84.6
105 54.7 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 40.633 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:169 Resp: 486685
Ion Ratio Lower Upper
169 100
168 65.4 53.0 79.6
167 35.4 28.4 42.6

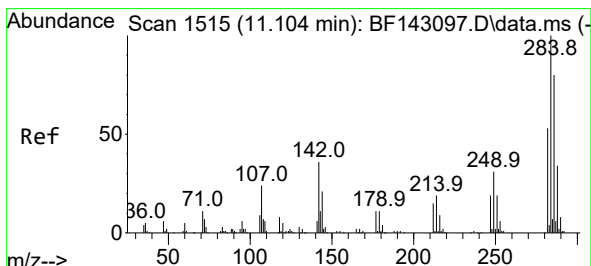
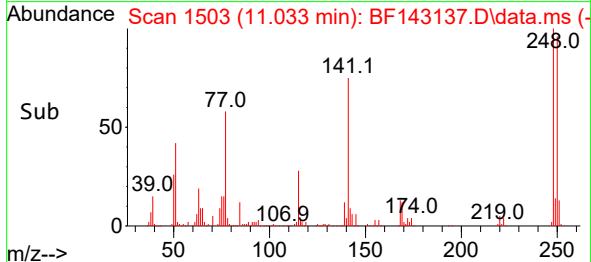
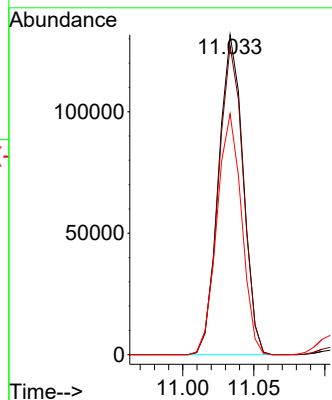
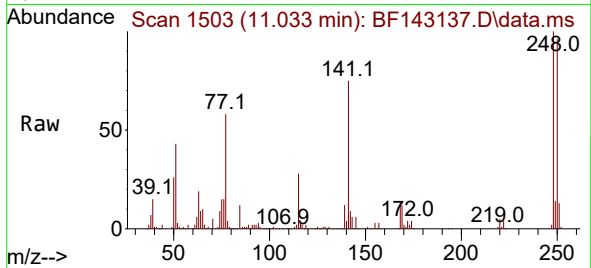




#67
4-Bromophenyl-phenylether
Concen: 40.927 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

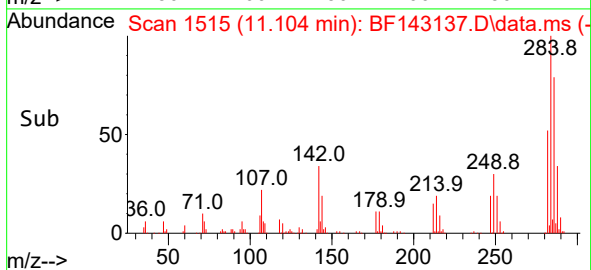
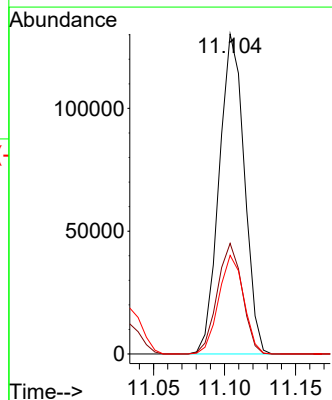
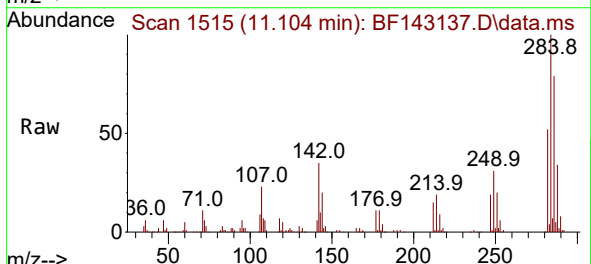
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

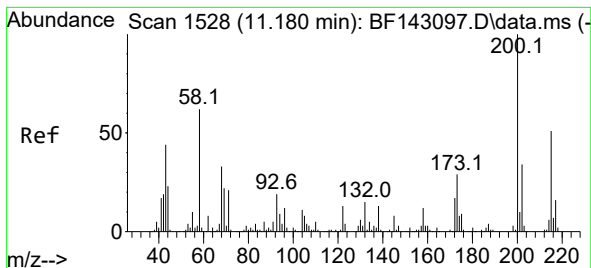
Tgt Ion:248 Resp: 158704
Ion Ratio Lower Upper
248 100
250 96.4 76.7 115.1
141 75.3 61.7 92.5



#68
Hexachlorobenzene
Concen: 39.011 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:284 Resp: 160507
Ion Ratio Lower Upper
284 100
142 34.6 28.9 43.3
249 30.8 24.6 37.0





#69

Atrazine

Concen: 44.205 ng

RT: 11.180 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

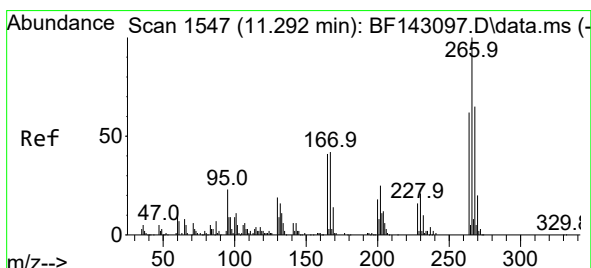
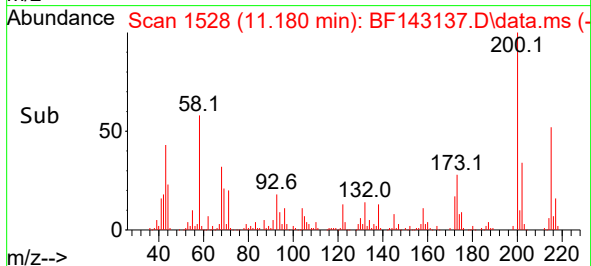
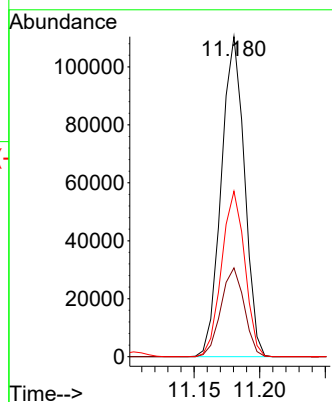
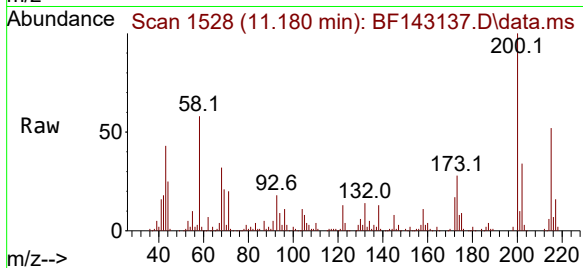
Tgt Ion:200 Resp: 135460

Ion Ratio Lower Upper

200 100

173 27.8 9.1 49.1

215 51.7 31.0 71.0



#70

Pentachlorophenol

Concen: 15.788 ng

RT: 11.292 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

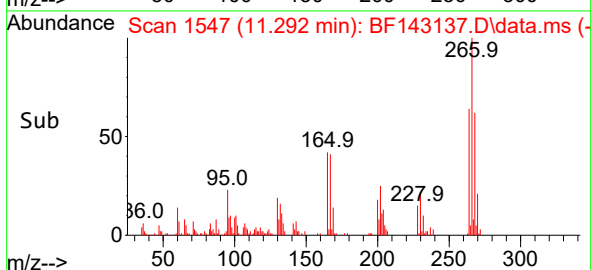
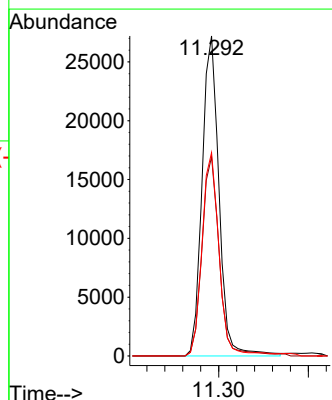
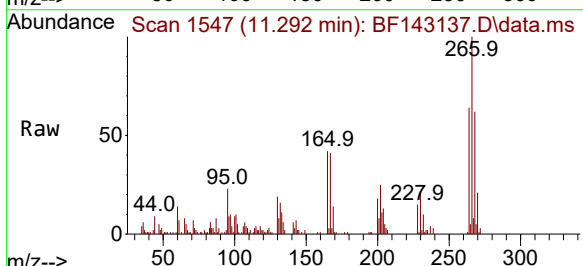
Tgt Ion:266 Resp: 35640

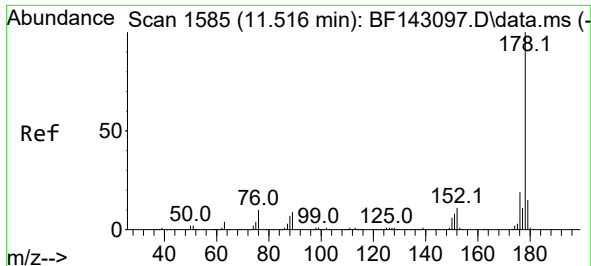
Ion Ratio Lower Upper

266 100

268 62.2 51.8 77.6

264 63.6 49.7 74.5

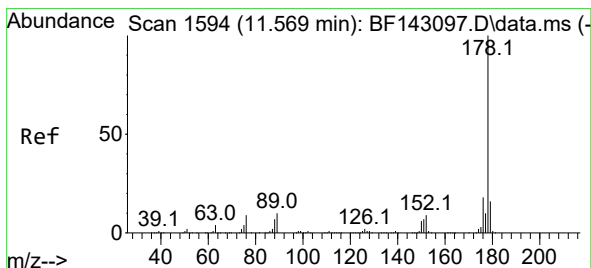
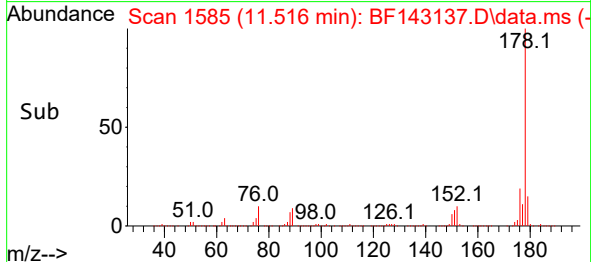
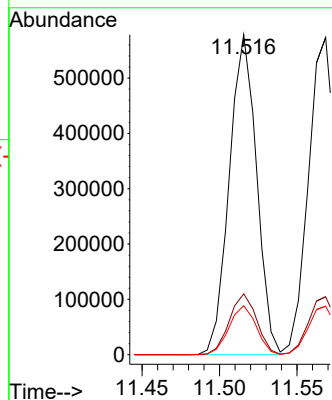
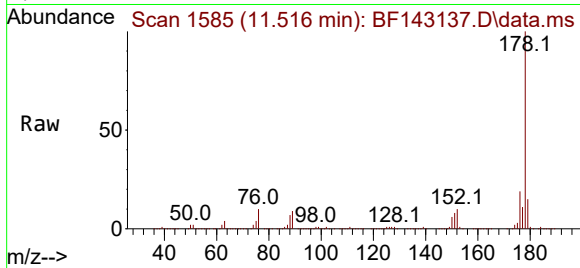




#71
Phenanthrene
Concen: 38.498 ng
RT: 11.516 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

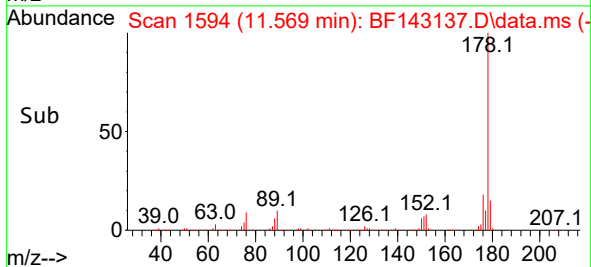
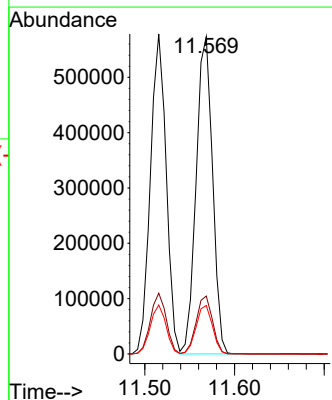
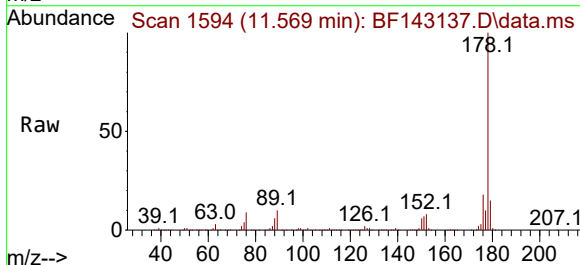
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

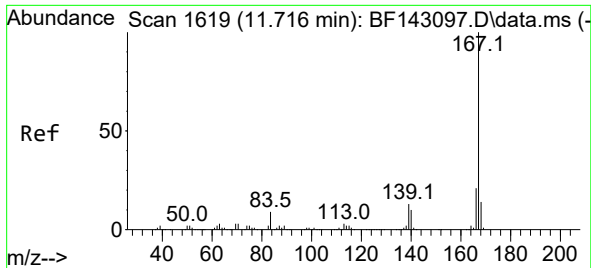
Tgt Ion:178 Resp: 708454
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.3 12.2 18.4



#72
Anthracene
Concen: 39.286 ng
RT: 11.569 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:178 Resp: 727014
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.3 12.4 18.6

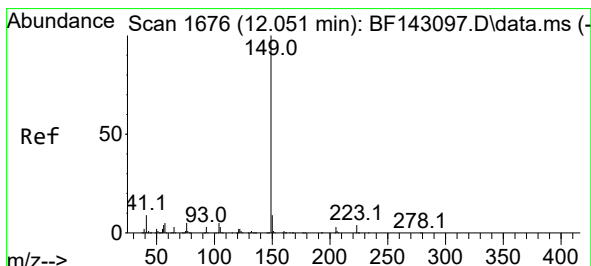
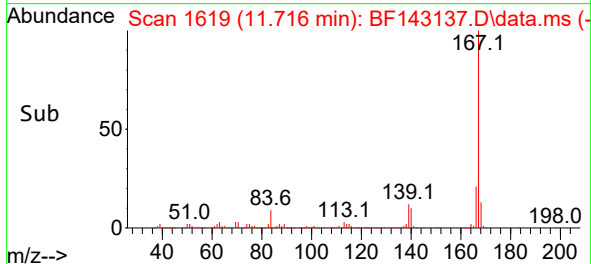
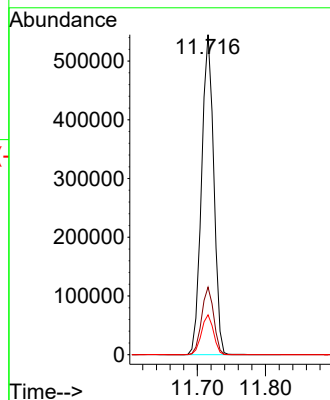
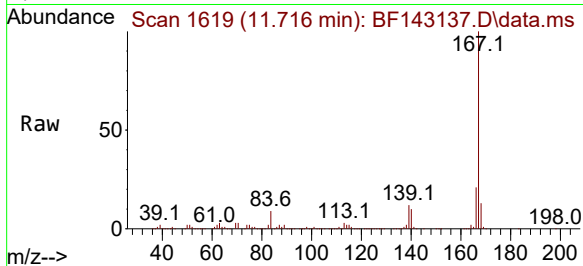




#73
 Carbazole
 Concen: 40.776 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

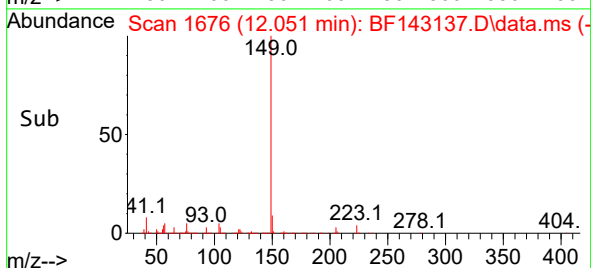
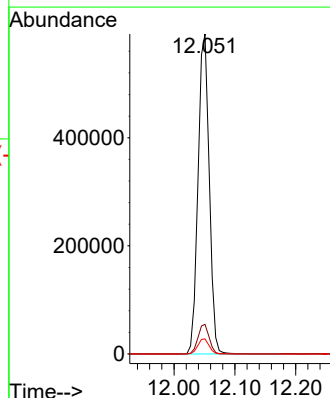
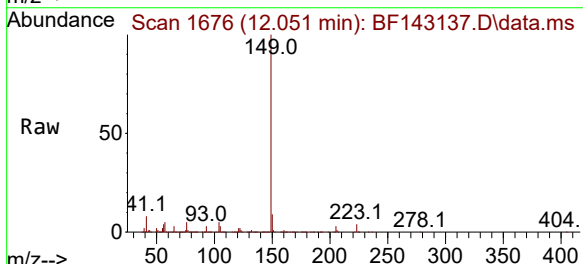
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

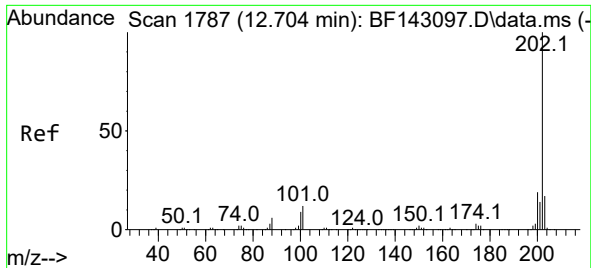
Tgt Ion:167 Resp: 676020
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 49.632 ng
 RT: 12.051 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

Tgt Ion:149 Resp: 755302
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.7 3.8 5.8

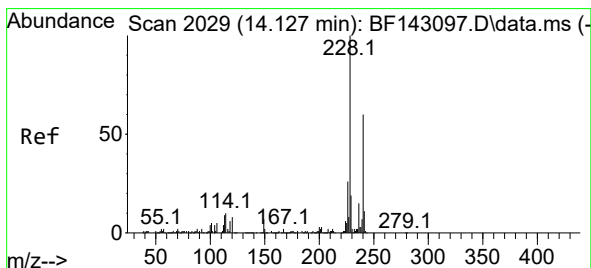
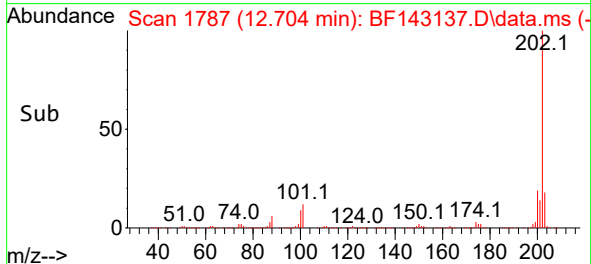
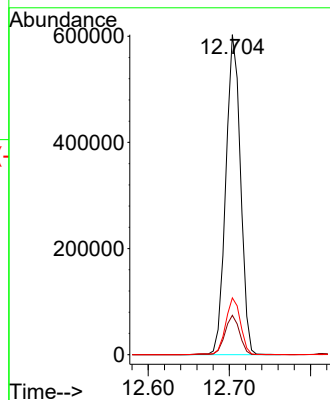
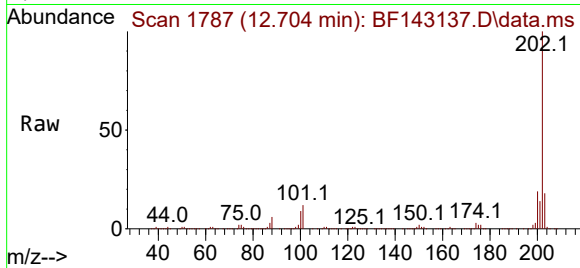




#75
Fluoranthene
Concen: 45.390 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

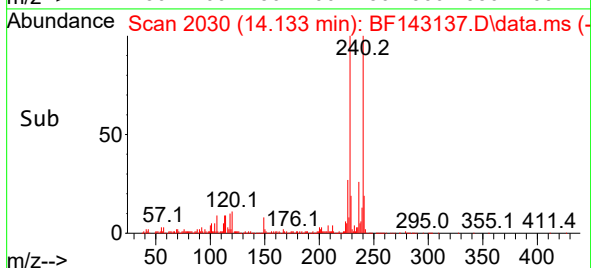
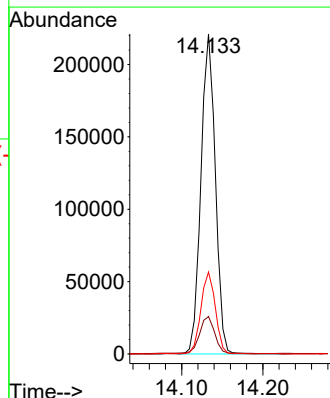
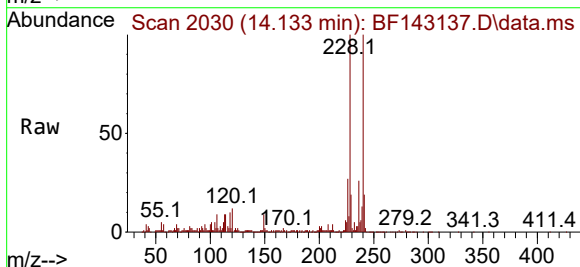
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

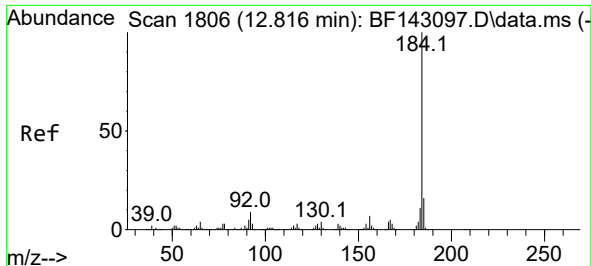
Tgt Ion:202 Resp: 759494
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.4
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:240 Resp: 272684
Ion Ratio Lower Upper
240 100
120 11.7 10.0 15.0
236 25.6 20.0 30.0

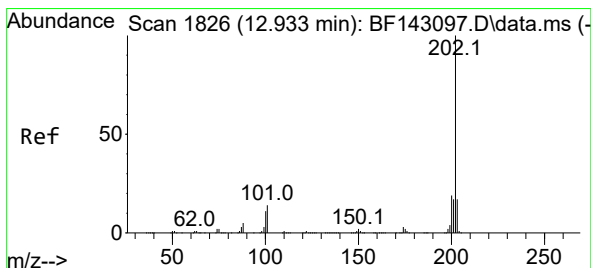
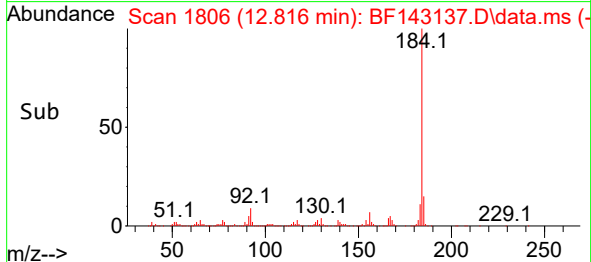
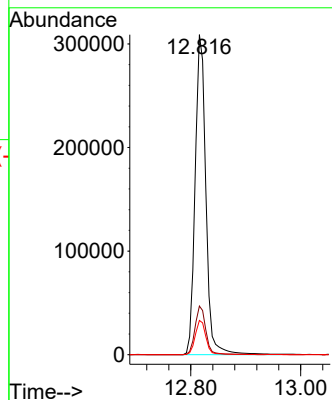
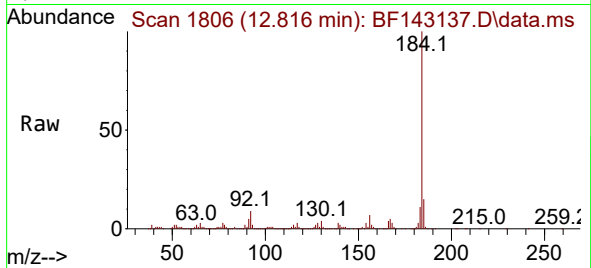




#77
Benzidine
Concen: 45.027 ng
RT: 12.816 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

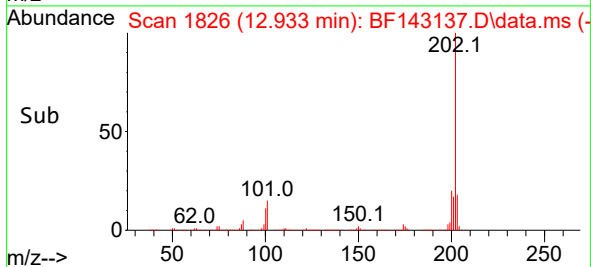
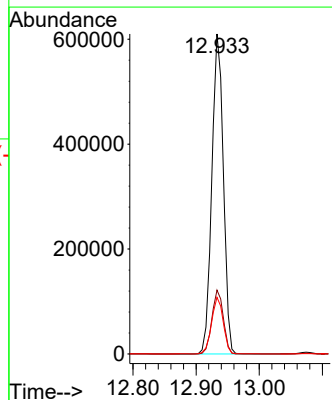
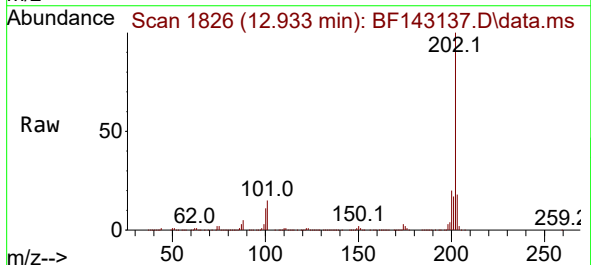
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

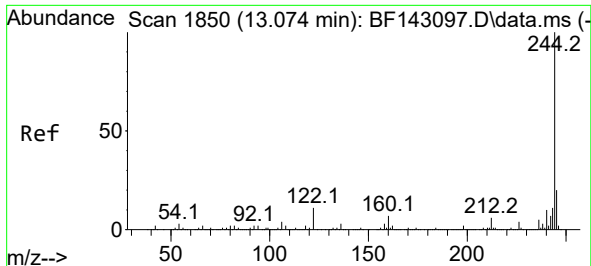
Tgt Ion:184 Resp: 418307
Ion Ratio Lower Upper
184 100
185 15.2 12.4 18.6
183 10.7 8.6 12.8



#78
Pyrene
Concen: 30.583 ng
RT: 12.933 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:202 Resp: 773774
Ion Ratio Lower Upper
202 100
200 20.0 15.5 23.3
203 17.7 14.0 21.0

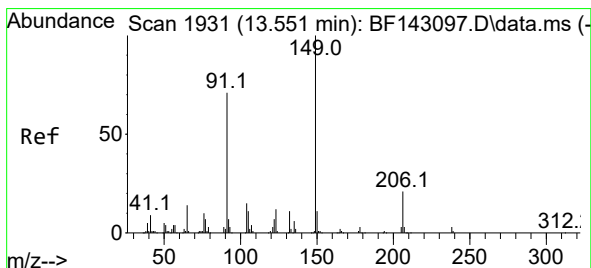
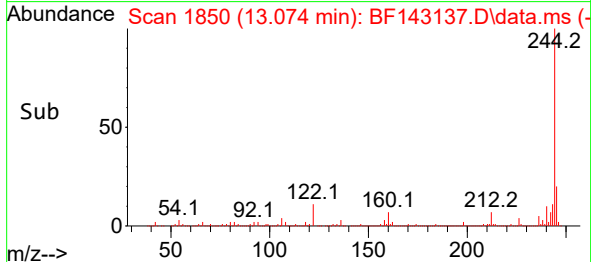
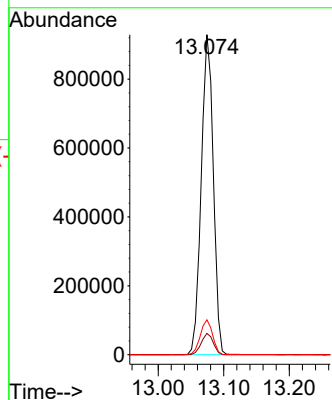
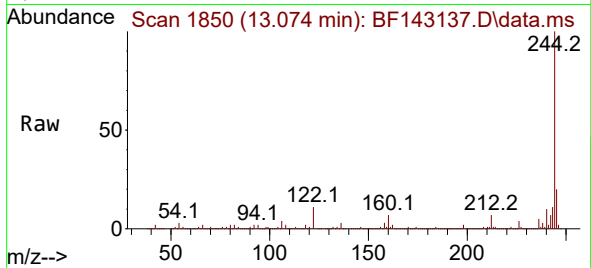




#79
 Terphenyl-d14
 Concen: 63.807 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

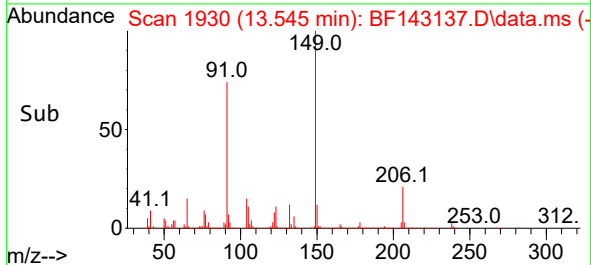
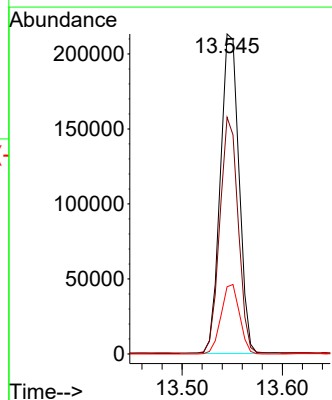
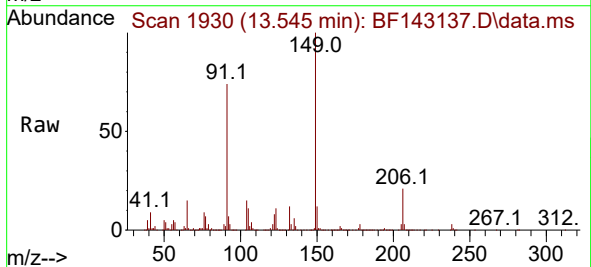
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

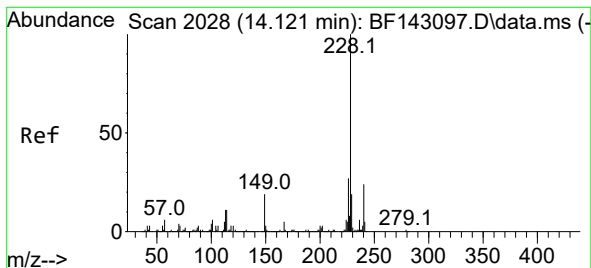
Tgt Ion:244 Resp: 1190245
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 53.627 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF143137.D
 Acq: 17 Jul 2025 05:30

Tgt Ion:149 Resp: 274779
 Ion Ratio Lower Upper
 149 100
 91 74.0 57.0 85.4
 206 21.0 17.2 25.8





#81

Benzo(a)anthracene

Concen: 39.075 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

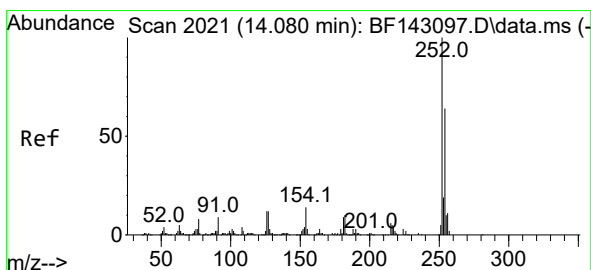
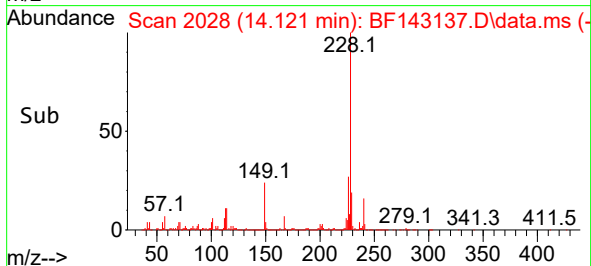
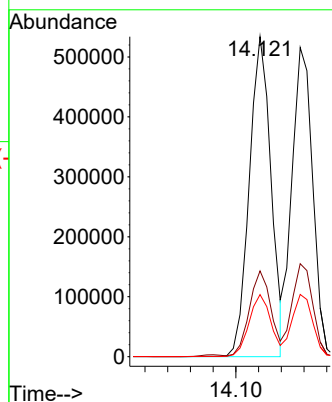
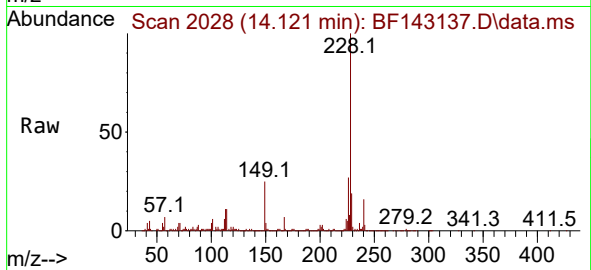
Tgt Ion:228 Resp: 710019

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 44.295 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

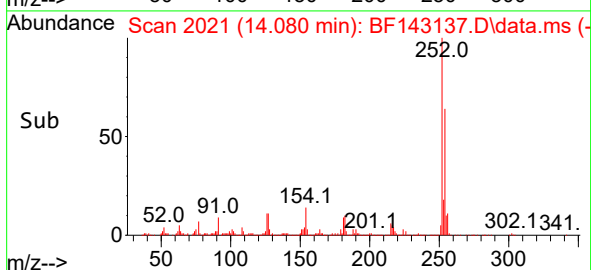
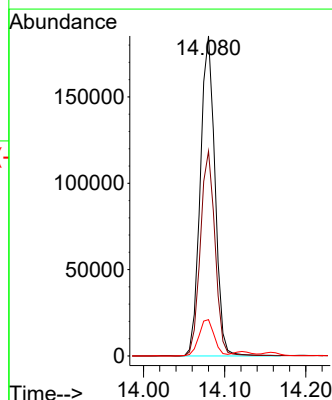
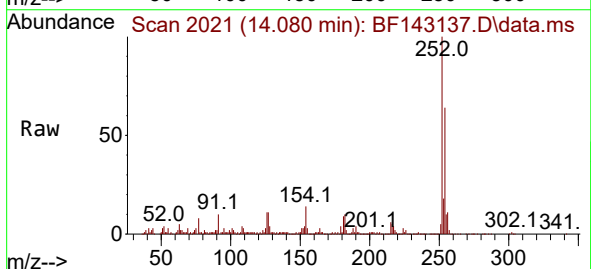
Tgt Ion:252 Resp: 233732

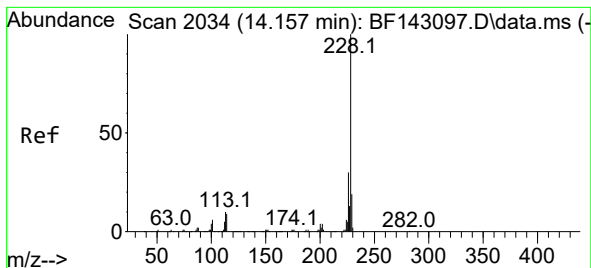
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 11.4 9.4 14.0





#83

Chrysene

Concen: 39.066 ng

RT: 14.157 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

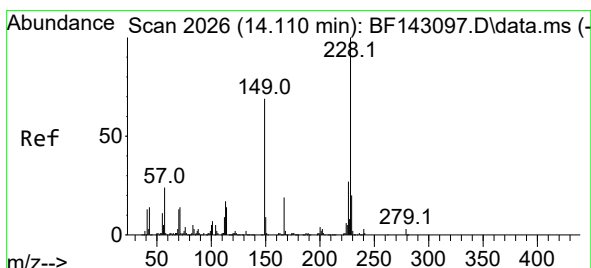
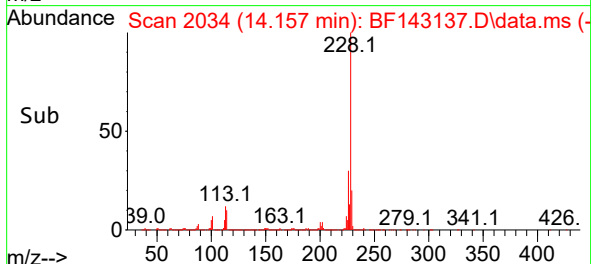
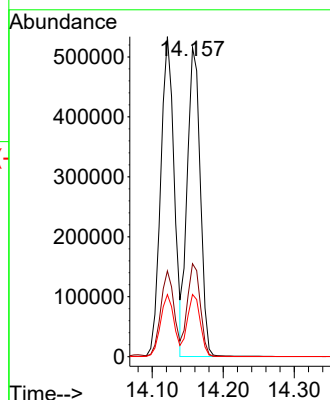
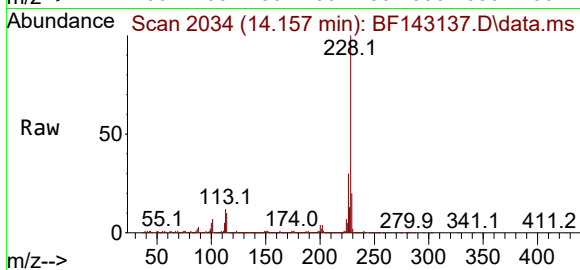
Tgt Ion:228 Resp: 653783

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

229 20.1 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.915 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

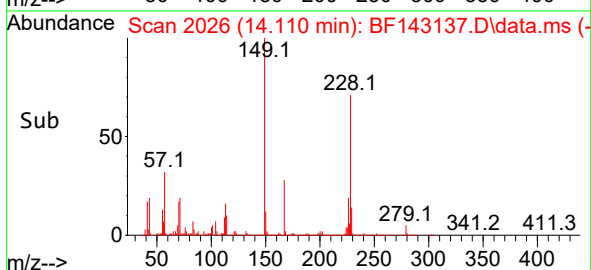
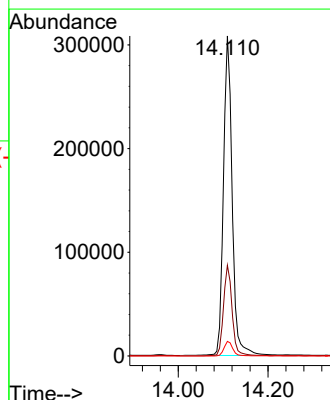
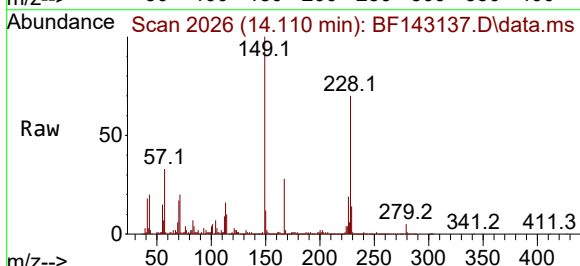
Tgt Ion:149 Resp: 416791

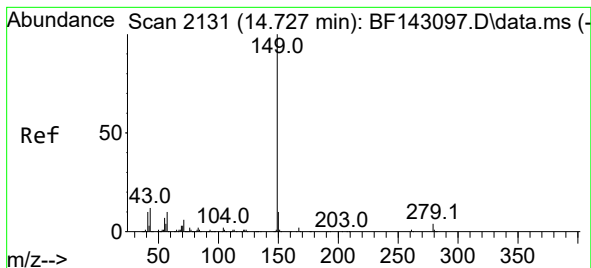
Ion Ratio Lower Upper

149 100

167 28.3 21.9 32.9

279 4.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 50.428 ng

RT: 14.727 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

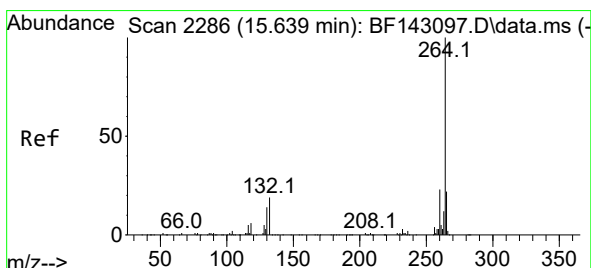
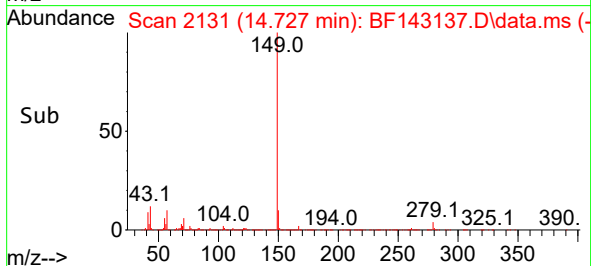
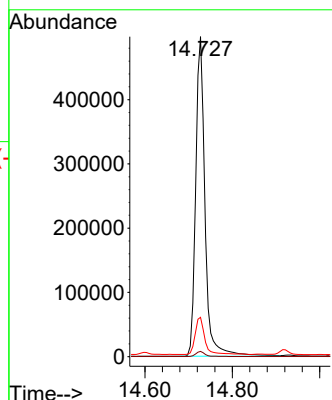
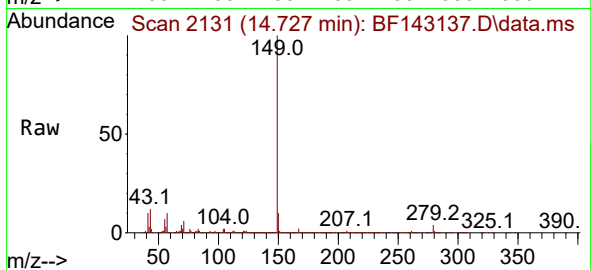
Tgt Ion:149 Resp: 737125

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.1 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

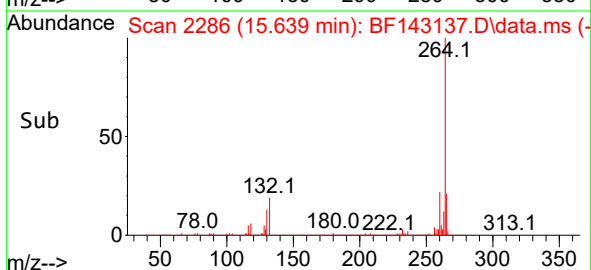
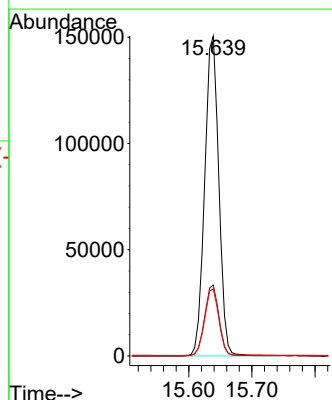
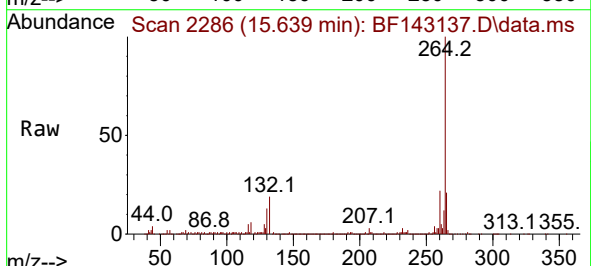
Tgt Ion:264 Resp: 233437

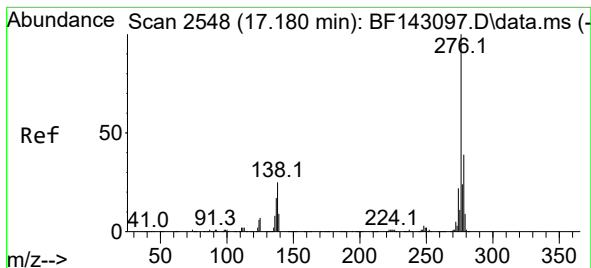
Ion Ratio Lower Upper

264 100

260 22.2 18.5 27.7

265 21.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.287 ng

RT: 17.180 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

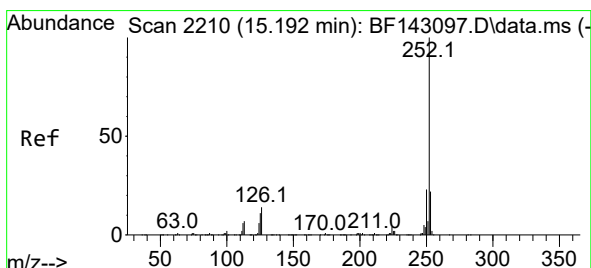
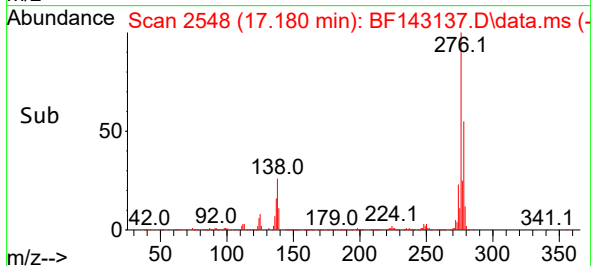
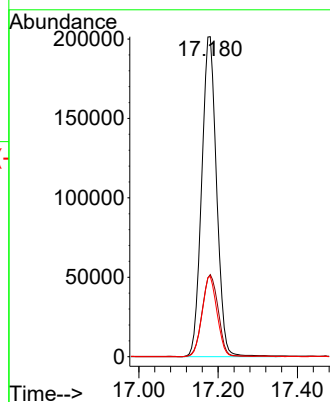
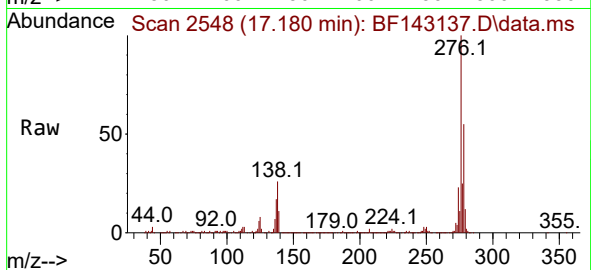
Tgt Ion:276 Resp: 525857

Ion Ratio Lower Upper

276 100

138 27.6 22.6 34.0

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.952 ng

RT: 15.192 min Scan# 2210

Delta R.T. -0.000 min

Lab File: BF143137.D

Acq: 17 Jul 2025 05:30

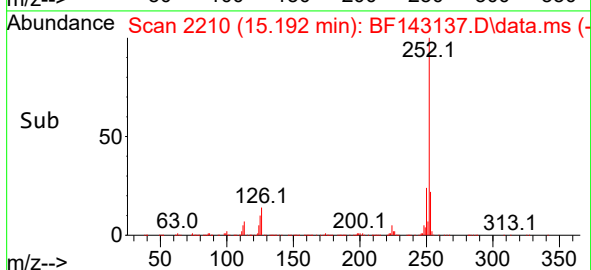
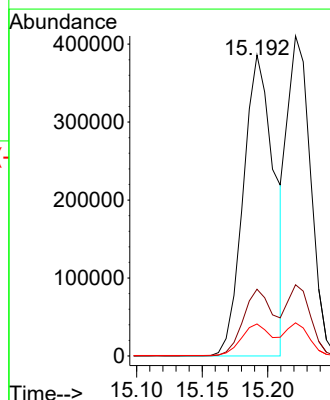
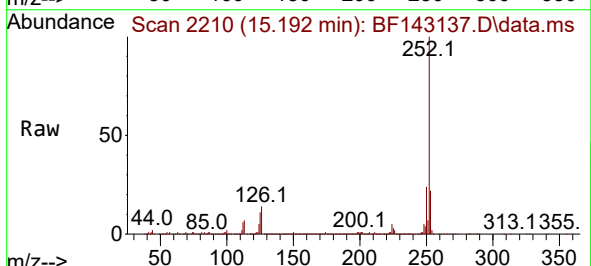
Tgt Ion:252 Resp: 632221

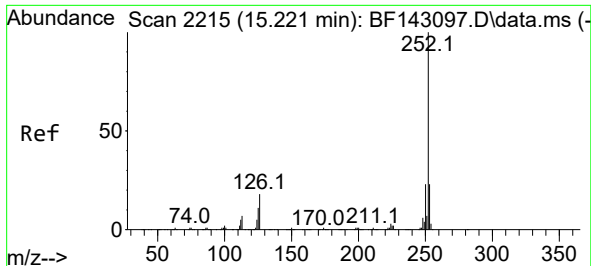
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.6 8.6 13.0

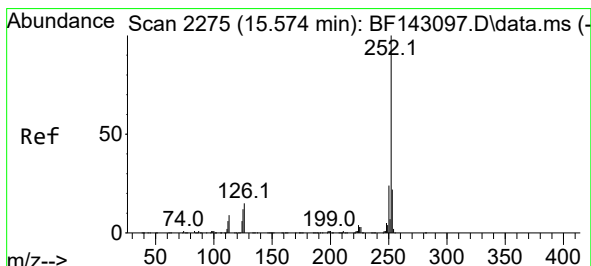
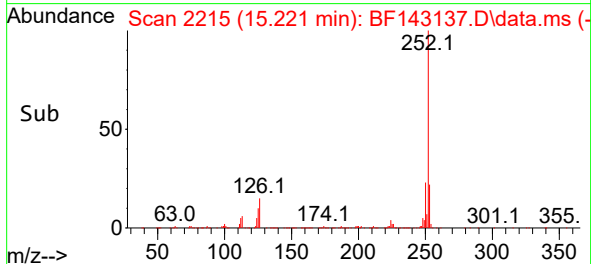
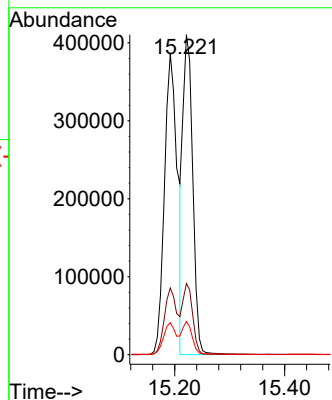
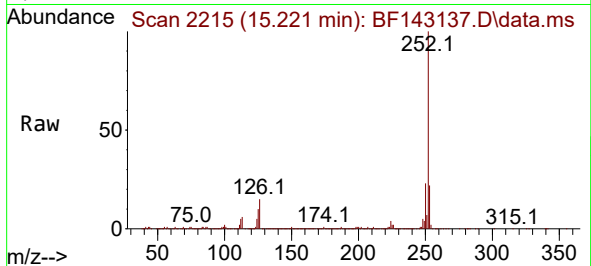




#89
Benzo(k)fluoranthene
Concen: 39.970 ng
RT: 15.221 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

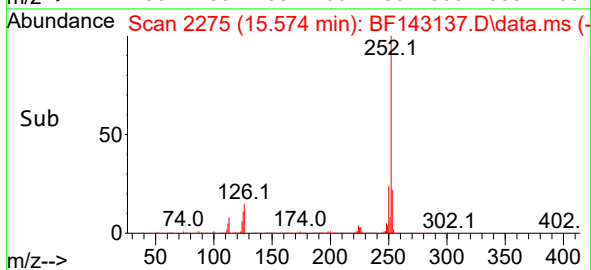
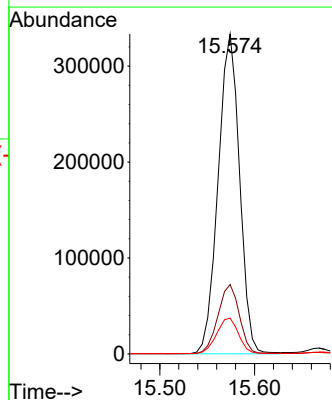
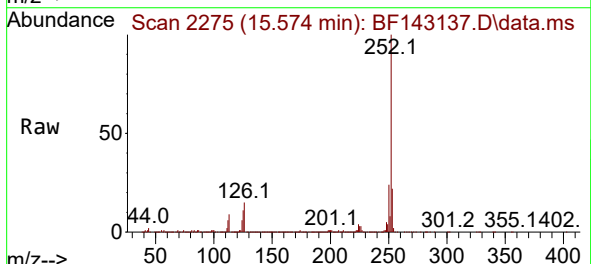
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

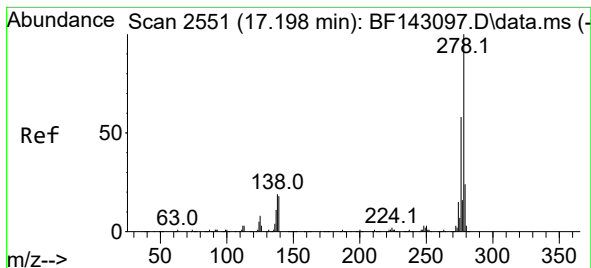
Tgt Ion:252 Resp: 513447
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.3 8.5 12.7



#90
Benzo(a)pyrene
Concen: 41.196 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:252 Resp: 524630
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.2 9.4 14.0

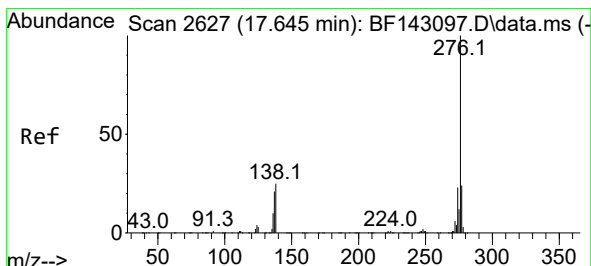
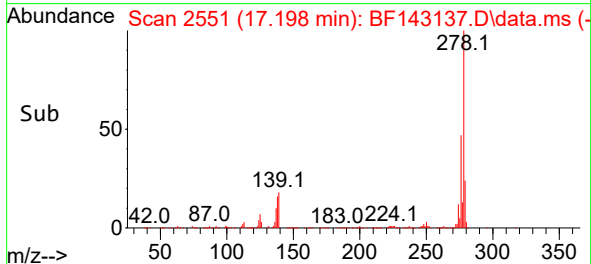
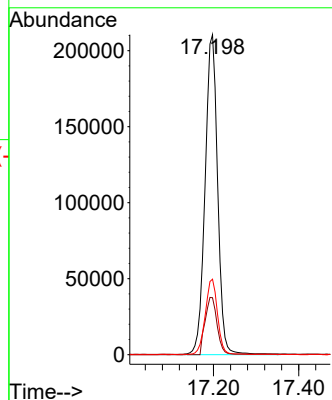
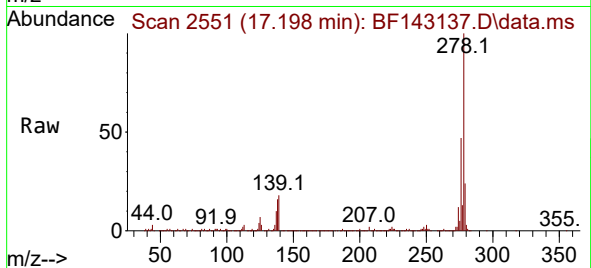




#91
Dibenzo(a,h)anthracene
Concen: 30.386 ng
RT: 17.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 431272
Ion Ratio Lower Upper
278 100
139 17.8 14.6 22.0
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 28.963 ng
RT: 17.645 min Scan# 2627
Delta R.T. -0.000 min
Lab File: BF143137.D
Acq: 17 Jul 2025 05:30

Tgt Ion:276 Resp: 419104
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 23.6 19.8 29.6

