

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143117.D
 Acq On : 16 Jul 2025 19:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 17 03:44:09 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	135149	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	510164	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	254065	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	397173	20.000	ng	0.00
76) Chrysene-d12	14.127	240	210714	20.000	ng	0.00
86) Perylene-d12	15.633	264	255524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	675027	78.913	ng	0.00
7) Phenol-d6	6.587	99	845178	78.603	ng	0.00
23) Nitrobenzene-d5	7.528	82	820016	90.170	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	193992	85.634	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1444367	75.570	ng	0.00
79) Terphenyl-d14	13.075	244	1097674	76.150	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.811	88	169746	39.864	ng	98
3) Pyridine	3.581	79	425792	39.489	ng	98
4) n-Nitrosodimethylamine	3.522	42	217941	39.012	ng	99
6) Aniline	6.628	93	595971	39.360	ng	99
8) 2-Chlorophenol	6.751	128	355815	41.401	ng	98
9) Benzaldehyde	6.516	77	335257	40.919	ng	99
10) Phenol	6.598	94	490852	42.169	ng	100
11) bis(2-Chloroethyl)ether	6.698	93	350864	38.936	ng	99
12) 1,3-Dichlorobenzene	6.910	146	386579	39.815	ng	99
13) 1,4-Dichlorobenzene	6.987	146	383281	39.238	ng	99
14) 1,2-Dichlorobenzene	7.140	146	363768	39.051	ng	98
15) Benzyl Alcohol	7.098	79	319688	40.125	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	645668	38.870	ng	100
17) 2-Methylphenol	7.204	107	295753	39.876	ng	99
18) Hexachloroethane	7.487	117	131364	41.310	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	260963	39.615	ng	99
20) 3+4-Methylphenols	7.363	107	369651	40.641	ng	99
22) Acetophenone	7.369	105	476586	38.753	ng	# 93
24) Nitrobenzene	7.545	77	376400	42.874	ng	99
25) Isophorone	7.787	82	688462	39.167	ng	100
26) 2-Nitrophenol	7.863	139	148006	42.663	ng	100
27) 2,4-Dimethylphenol	7.893	122	326049	39.965	ng	99
28) bis(2-Chloroethoxy)met...	7.993	93	420098	39.412	ng	100
29) 2,4-Dichlorophenol	8.098	162	274747	41.164	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	297978	39.339	ng	98
31) Naphthalene	8.269	128	991571	39.140	ng	100
32) Benzoic acid	7.987	122	150277	38.466	ng	97
33) 4-Chloroaniline	8.310	127	401159	39.377	ng	100
34) Hexachlorobutadiene	8.393	225	181527	40.072	ng	99
35) Caprolactam	8.675	113	85847	41.190	ng	95
36) 4-Chloro-3-methylphenol	8.787	107	298817	40.192	ng	100
37) 2-Methylnaphthalene	8.963	142	589636	39.014	ng	100
38) 1-Methylnaphthalene	9.063	142	610968	38.976	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	287903	38.885	ng	99
41) Hexachlorocyclopentadiene	9.122	237	173333	42.225	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	195982	42.600	ng	99

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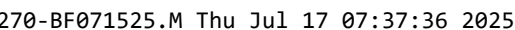
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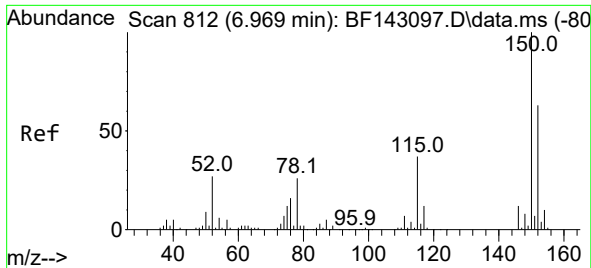
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	196557	40.747	ng	99
46) 1,1'-Biphenyl	9.422	154	779366	38.466	ng	100
47) 2-Chloronaphthalene	9.451	162	573731	38.546	ng	100
48) 2-Nitroaniline	9.534	65	178618	40.710	ng	99
49) Acenaphthylene	9.869	152	971647	39.176	ng	99
50) Dimethylphthalate	9.722	163	628010	39.291	ng	100
51) 2,6-Dinitrotoluene	9.775	165	130906	41.829	ng	95
52) Acenaphthene	10.039	154	566434	38.701	ng	99
53) 3-Nitroaniline	9.945	138	151765	43.942	ng	97
54) 2,4-Dinitrophenol	10.045	184	41904	42.980	ng	# 44
55) Dibenzofuran	10.210	168	838011	38.413	ng	100
56) 4-Nitrophenol	10.086	139	117068	42.650	ng	99
57) 2,4-Dinitrotoluene	10.181	165	155813	40.106	ng	96
58) Fluorene	10.551	166	619482	37.875	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	164509	42.914	ng	98
60) Diethylphthalate	10.422	149	615586	39.920	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	306293	39.072	ng	100
62) 4-Nitroaniline	10.557	138	129761	43.204	ng	99
63) Azobenzene	10.704	77	652575	38.265	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	62192	43.295	ng	97
66) n-Nitrosodiphenylamine	10.657	169	545898	39.129	ng	99
67) 4-Bromophenyl-phenylether	11.034	248	180440	39.949	ng	98
68) Hexachlorobenzene	11.104	284	191457	39.950	ng	97
69) Atrazine	11.181	200	145300	40.708	ng	99
70) Pentachlorophenol	11.292	266	114049	43.376	ng	99
71) Phenanthrene	11.516	178	831246	38.780	ng	100
72) Anthracene	11.569	178	844296	39.169	ng	99
73) Carbazole	11.716	167	742234	38.436	ng	100
74) Di-n-butylphthalate	12.051	149	743944	41.970	ng	100
75) Fluoranthene	12.704	202	752396	38.604	ng	99
77) Benzidine	12.816	184	274069	38.177	ng	99
78) Pyrene	12.933	202	747120	38.214	ng	100
80) Butylbenzylphthalate	13.545	149	153672	39.754	ng	95
81) Benzo(a)anthracene	14.116	228	570413	40.624	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	164768	40.409	ng	99
83) Chrysene	14.157	228	486986	37.657	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	241107	41.219	ng	100
85) Di-n-octyl phthalate	14.727	149	439529	40.440	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	781535	41.122	ng	100
88) Benzo(b)fluoranthene	15.192	252	580612	39.393	ng	99
89) Benzo(k)fluoranthene	15.221	252	558211	39.698	ng	99
90) Benzo(a)pyrene	15.574	252	570084	40.896	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	635338	40.895	ng	99
92) Benzo(g,h,i)perylene	17.645	276	642024	40.534	ng	98

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

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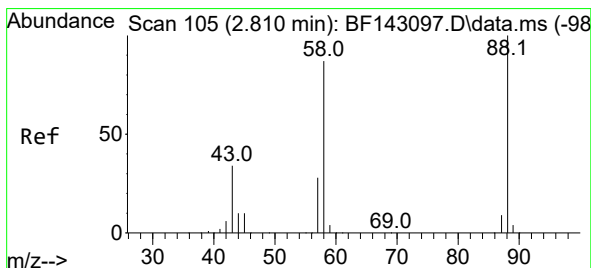
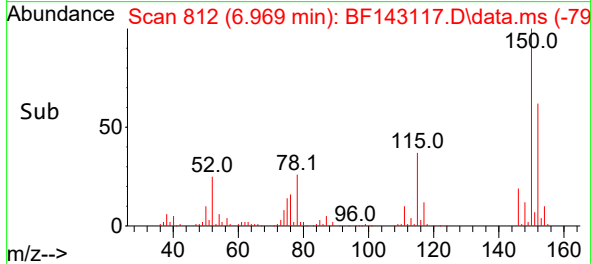
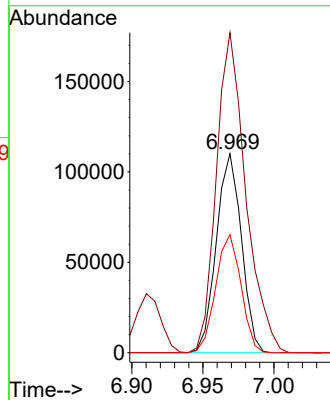
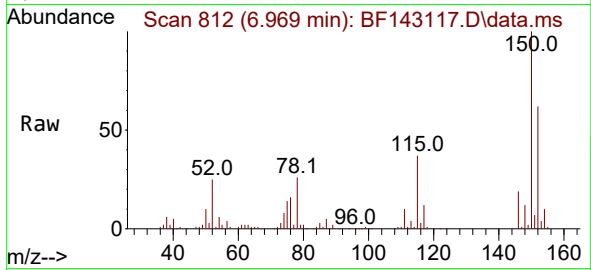




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF143117.D
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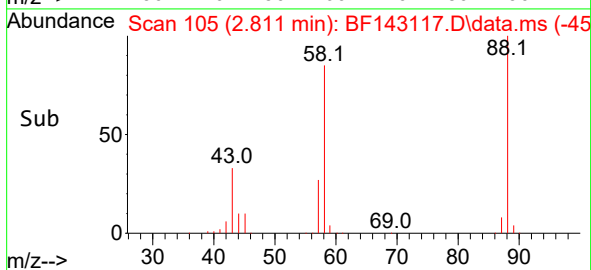
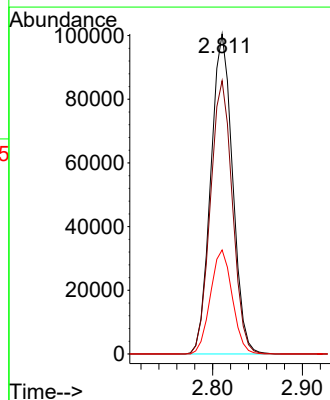
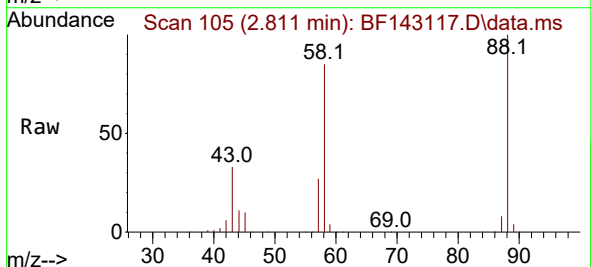
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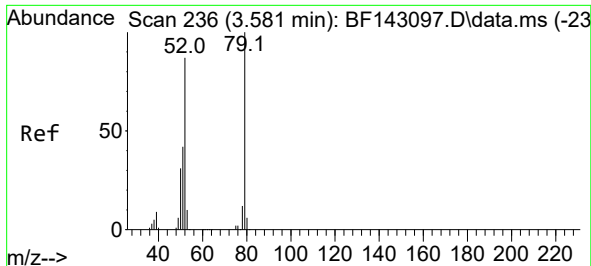
Tgt Ion:152 Resp: 135149
Ion Ratio Lower Upper
152 100
150 160.8 126.5 189.7
115 59.4 47.0 70.6



#2
1,4-Dioxane
Concen: 39.864 ng
RT: 2.811 min Scan# 105
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 88 Resp: 169746
Ion Ratio Lower Upper
88 100
58 86.0 70.5 105.7
43 32.5 27.3 40.9

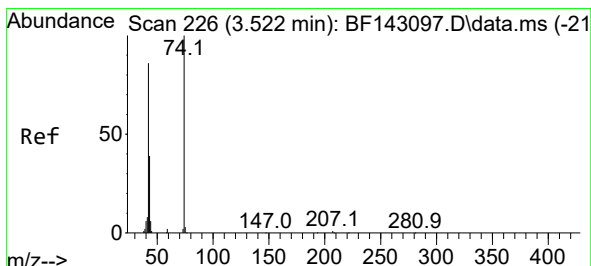
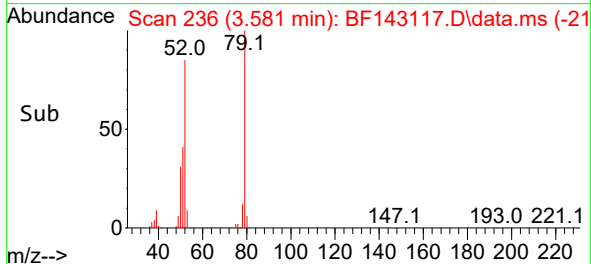
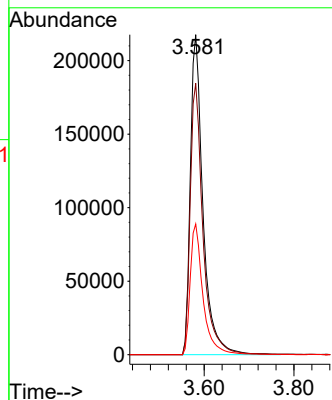
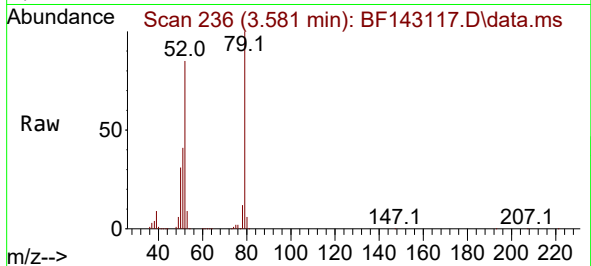




#3
 Pyridine
 Concen: 39.489 ng
 RT: 3.581 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

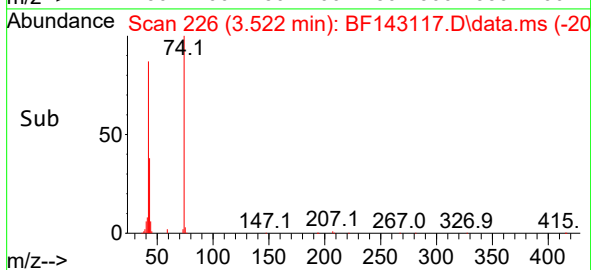
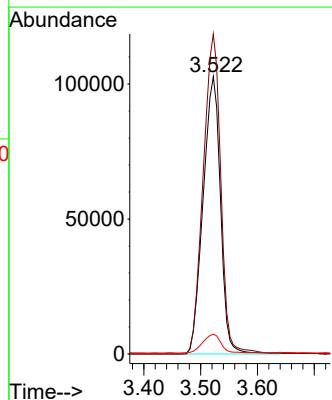
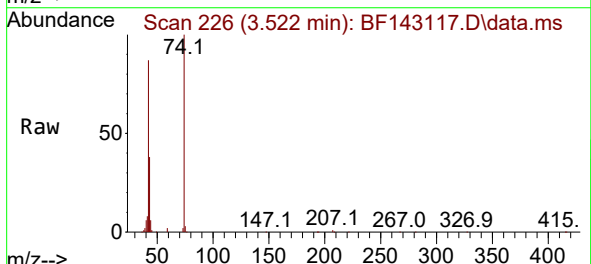
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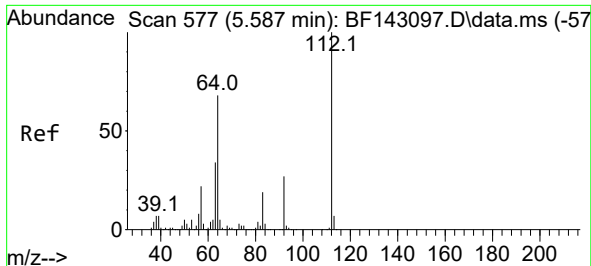
Tgt Ion: 79 Resp: 425792
 Ion Ratio Lower Upper
 79 100
 52 84.8 69.2 103.8
 51 40.9 33.3 49.9



#4
 n-Nitrosodimethylamine
 Concen: 39.012 ng
 RT: 3.522 min Scan# 226
 Delta R.T. 0.000 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

Tgt Ion: 42 Resp: 217941
 Ion Ratio Lower Upper
 42 100
 74 115.4 92.8 139.2
 44 7.2 5.8 8.6

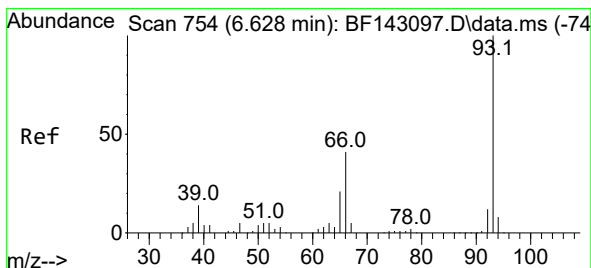
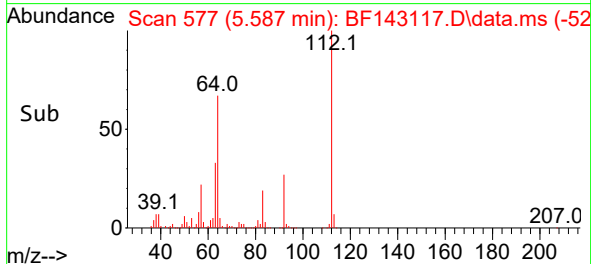
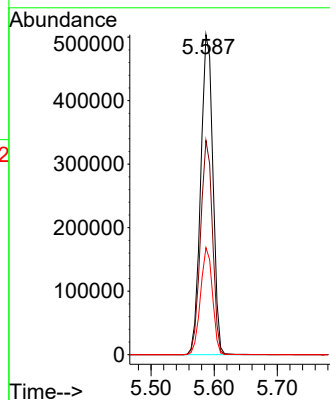
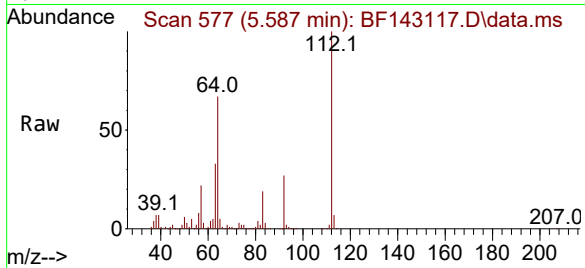




#5
2-Fluorophenol
Concen: 78.913 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

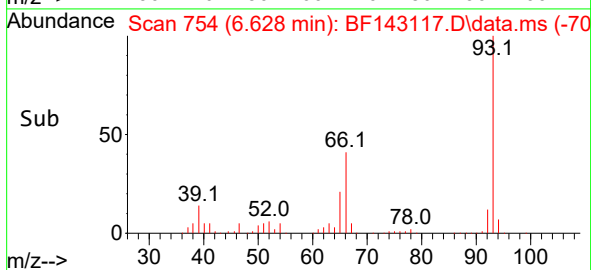
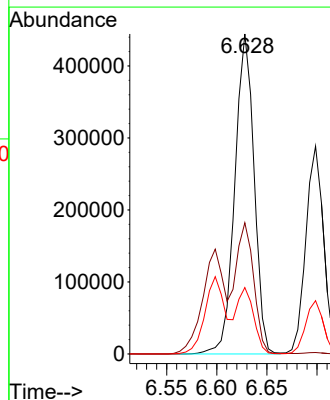
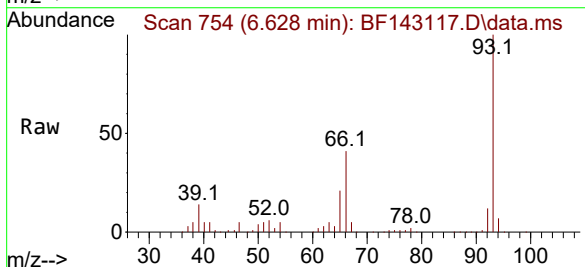
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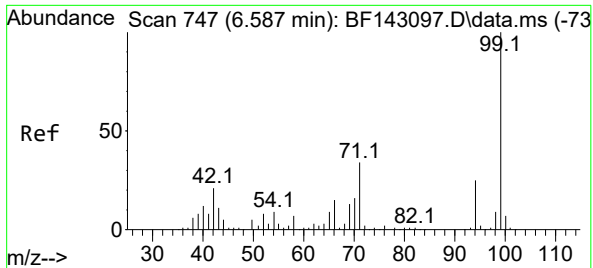
Tgt Ion:112 Resp: 675027
Ion Ratio Lower Upper
112 100
64 67.0 54.6 82.0
63 33.5 27.3 40.9



#6
Aniline
Concen: 39.360 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 93 Resp: 595971
Ion Ratio Lower Upper
93 100
66 41.0 33.1 49.7
65 20.8 16.9 25.3

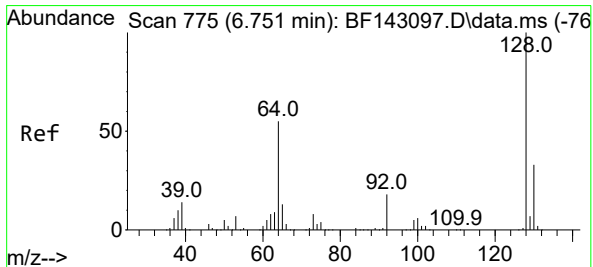
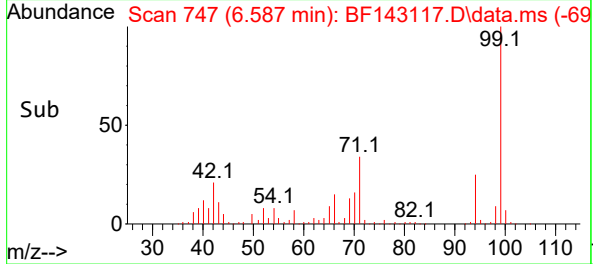
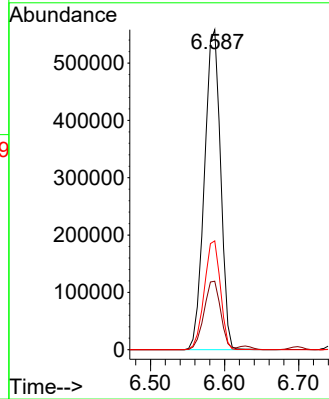
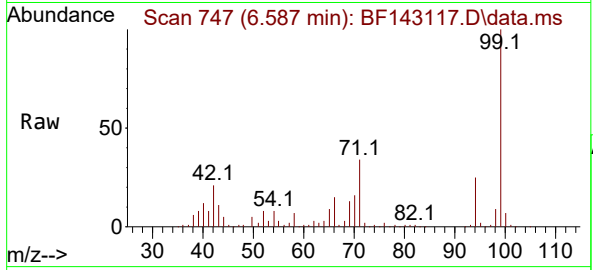




#7
Phenol-d6
Concen: 78.603 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

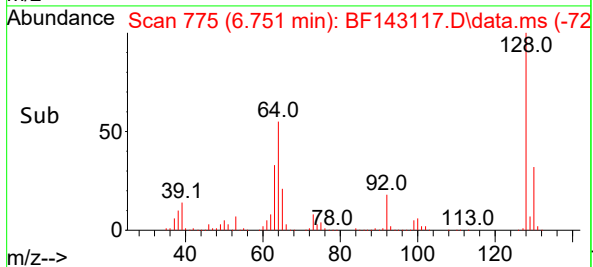
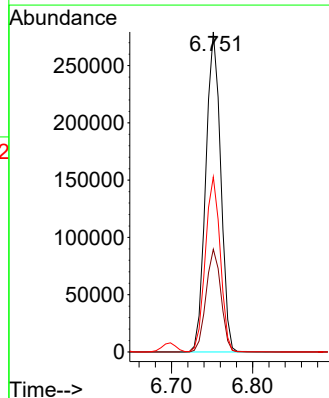
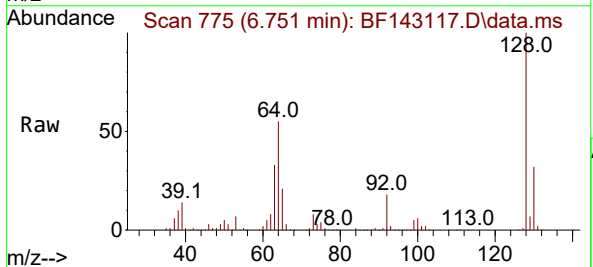
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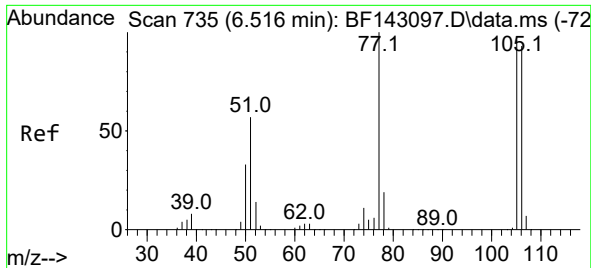
Tgt Ion: 99 Resp: 845178
Ion Ratio Lower Upper
99 100
42 21.4 17.2 25.8
71 34.0 27.4 41.0



#8
2-Chlorophenol
Concen: 41.401 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:128 Resp: 355815
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 54.7 36.1 76.1

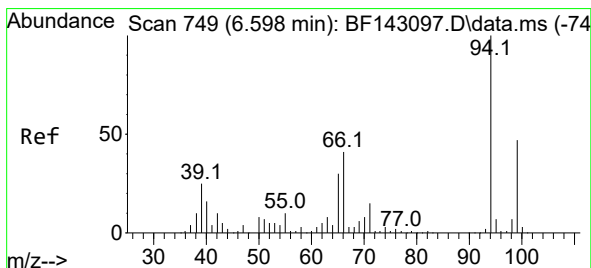
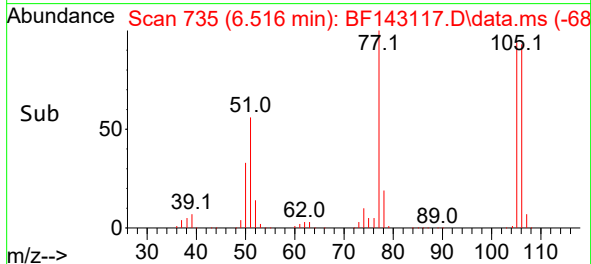
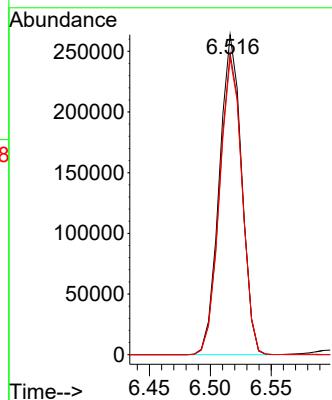
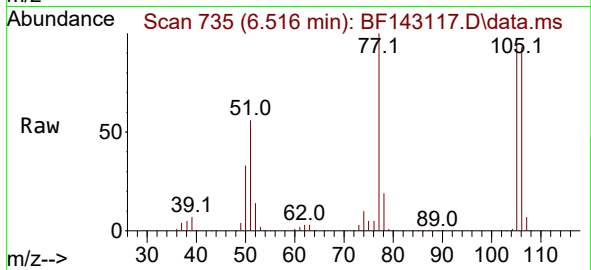




#9
Benzaldehyde
Concen: 40.919 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

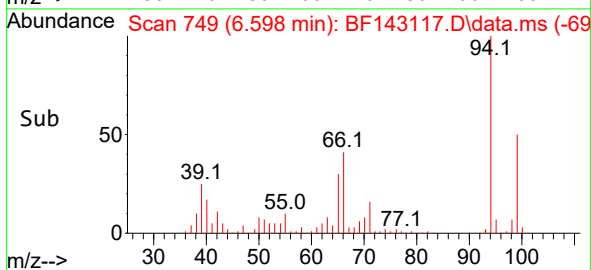
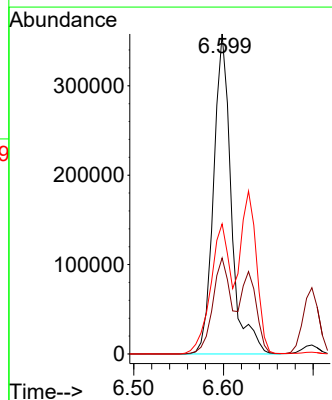
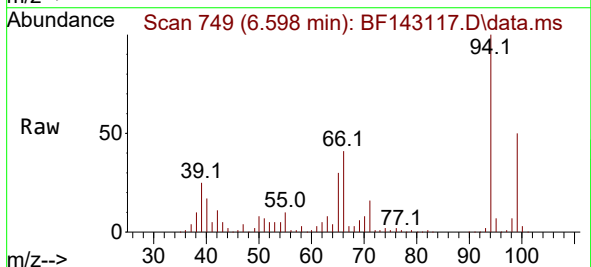
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ClientSampleId :
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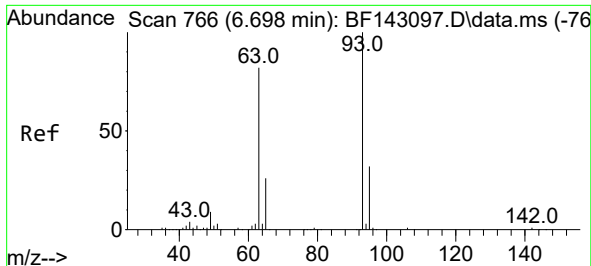
Tgt Ion: 77 Resp: 335257
Ion Ratio Lower Upper
77 100
105 94.2 76.3 116.3
106 92.7 72.8 112.8



#10
Phenol
Concen: 42.169 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 94 Resp: 490852
Ion Ratio Lower Upper
94 100
65 30.0 9.8 49.8
66 40.7 20.5 60.5

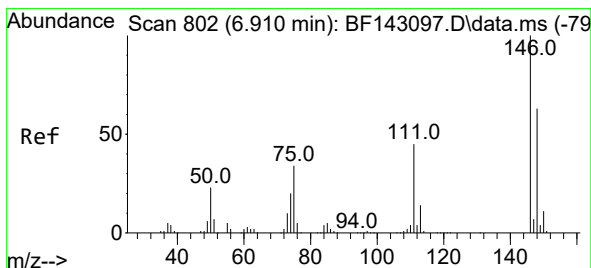
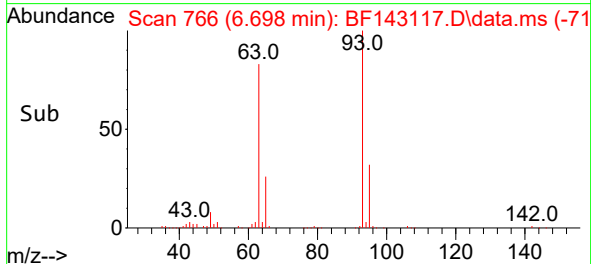
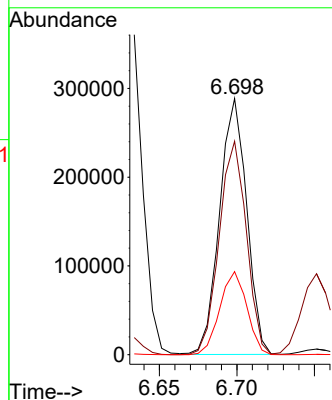
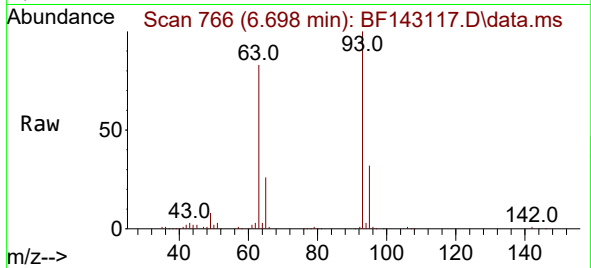




#11
bis(2-Chloroethyl)ether
Concen: 38.936 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

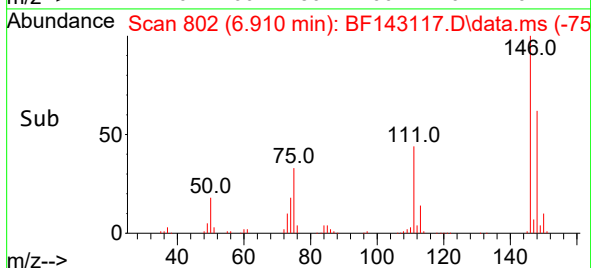
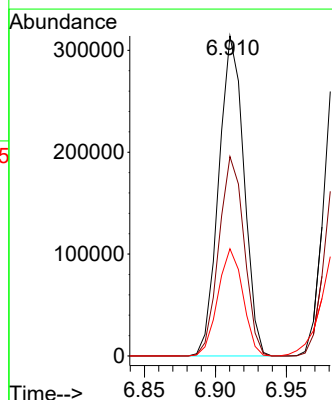
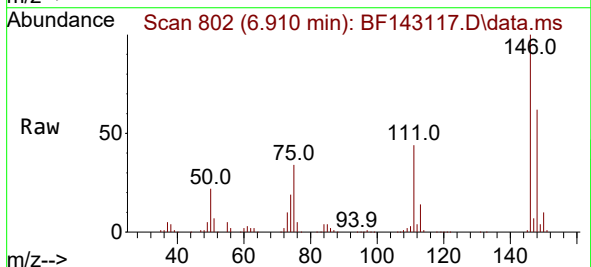
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

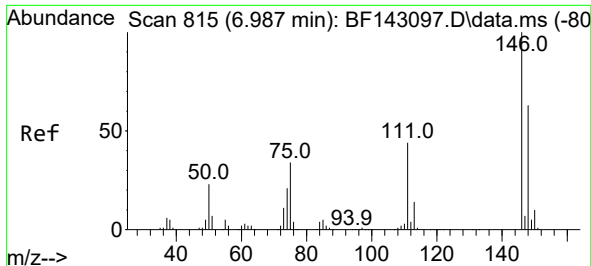
Tgt Ion: 93 Resp: 350864
Ion Ratio Lower Upper
93 100
63 83.4 61.9 101.9
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.815 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:146 Resp: 386579
Ion Ratio Lower Upper
146 100
148 62.3 50.1 75.1
75 33.5 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 39.238 ng

RT: 6.987 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

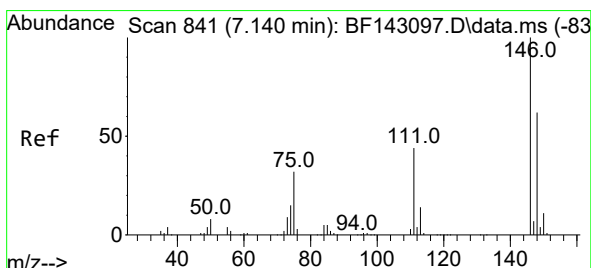
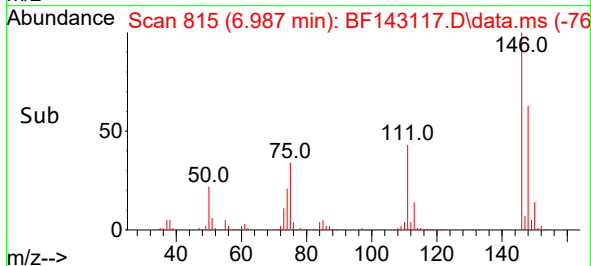
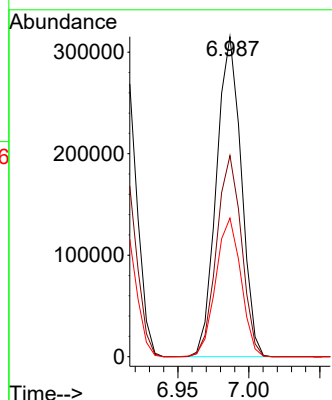
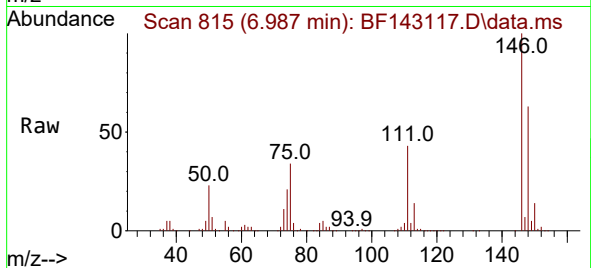
Tgt Ion:146 Resp: 383281

Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

111 43.3 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 39.051 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

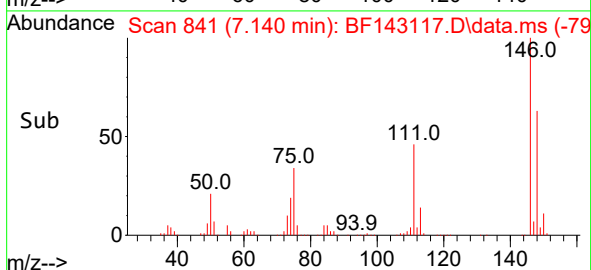
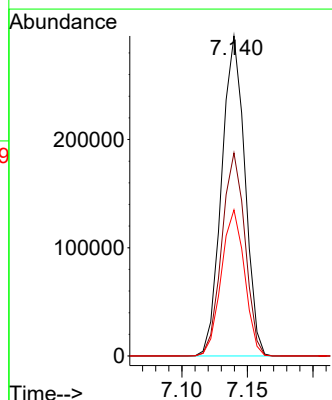
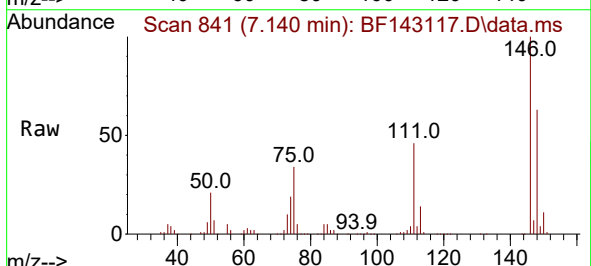
Tgt Ion:146 Resp: 363768

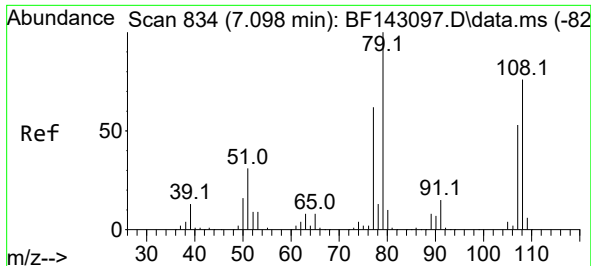
Ion Ratio Lower Upper

146 100

148 63.4 49.8 74.6

111 45.6 35.4 53.0

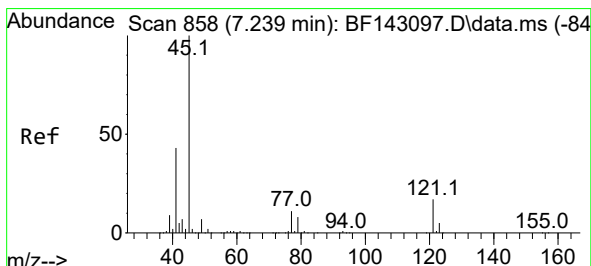
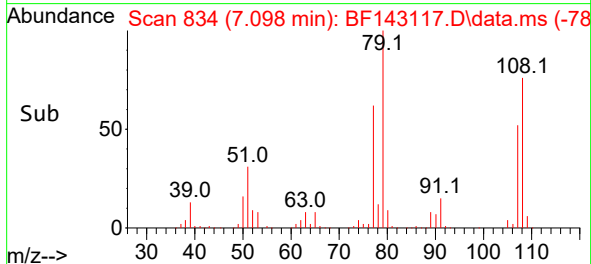
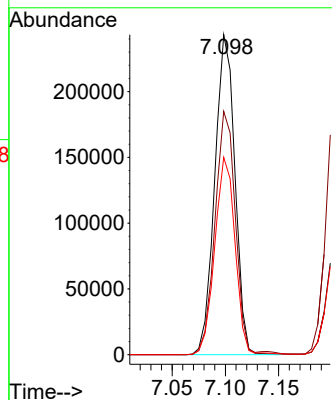
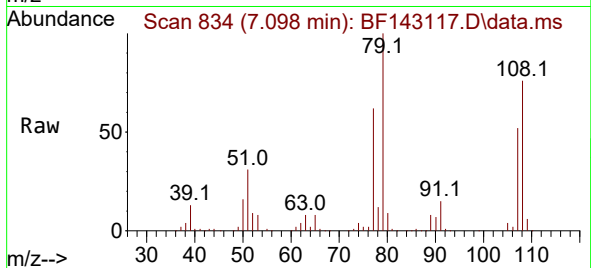




#15
Benzyl Alcohol
Concen: 40.125 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

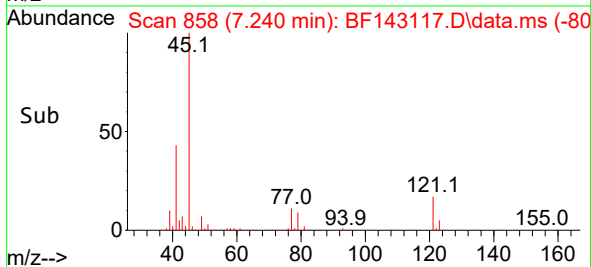
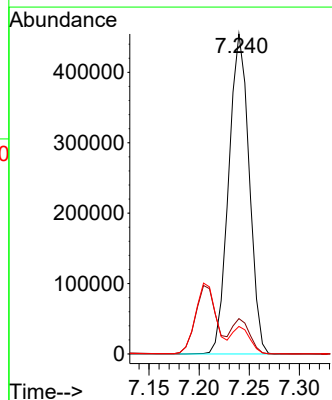
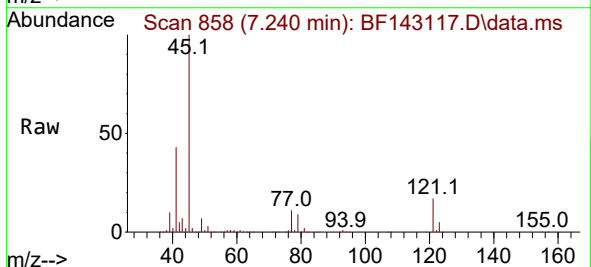
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

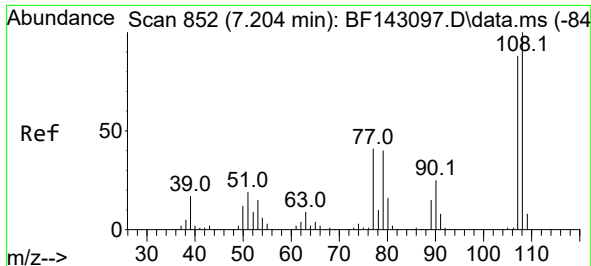
Tgt Ion: 79 Resp: 319688
Ion Ratio Lower Upper
79 100
108 76.1 61.1 91.7
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.870 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 45 Resp: 645668
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.1
79 8.6 0.0 28.4

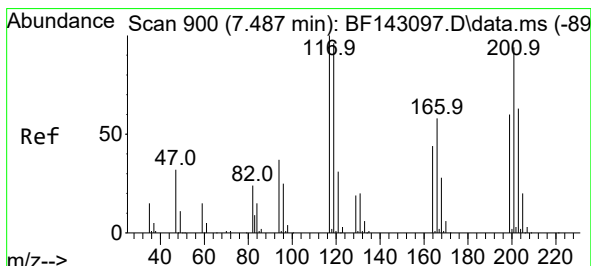
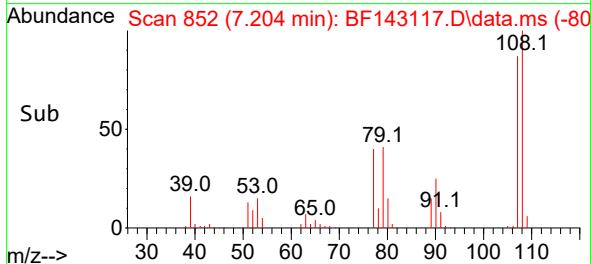
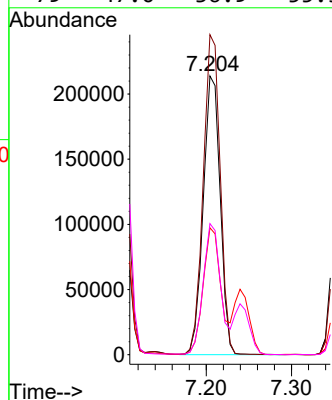
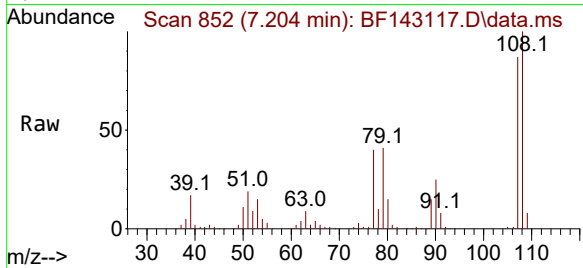




#17
2-Methylphenol
Concen: 39.876 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

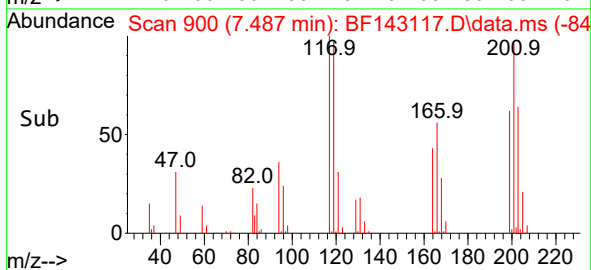
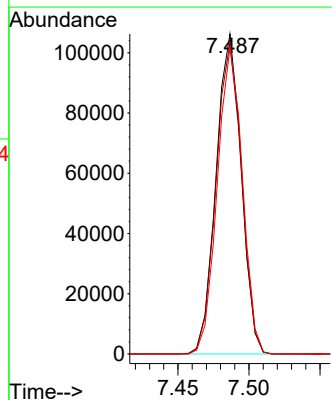
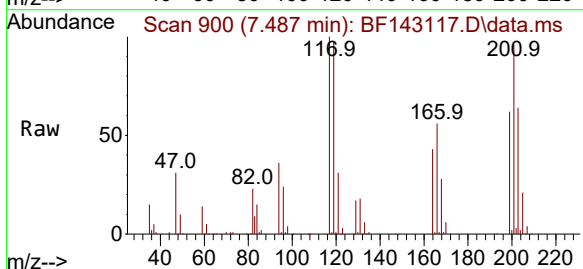
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

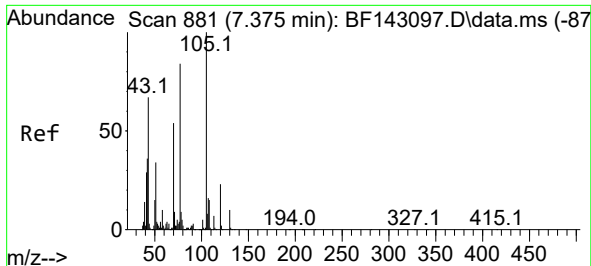
Tgt Ion:	107	Resp:	295753
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.9	136.3
77	45.5	37.5	56.3
79	47.0	36.9	55.3



#18
Hexachloroethane
Concen: 41.310 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:	117	Resp:	131364
Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.7	115.1
201	95.8	75.0	112.4



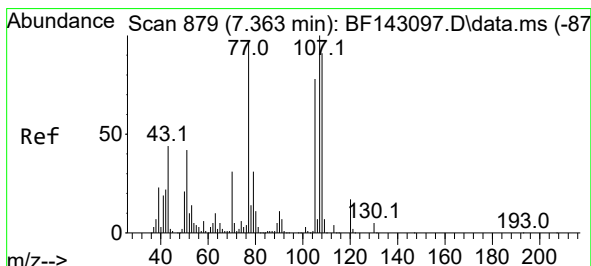
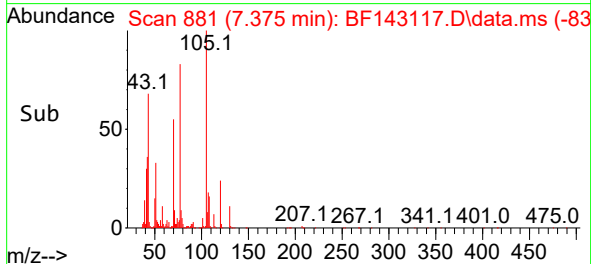
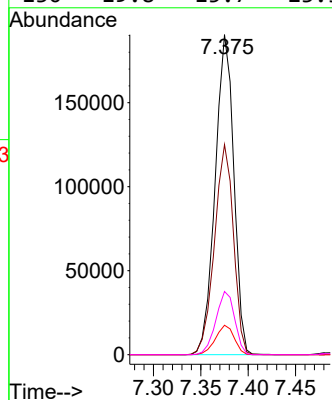
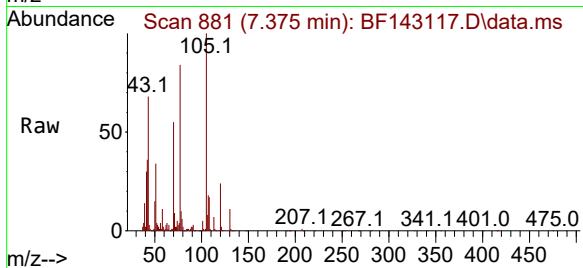


#19
n-Nitroso-di-n-propylamine
Concen: 39.615 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 260963

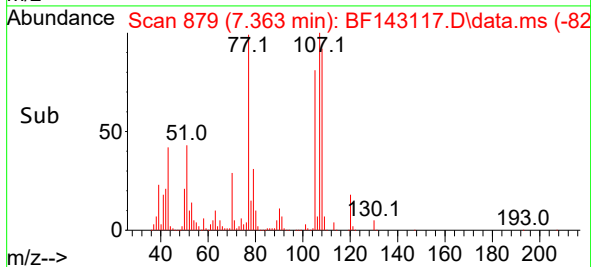
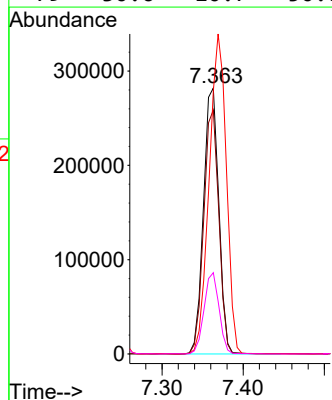
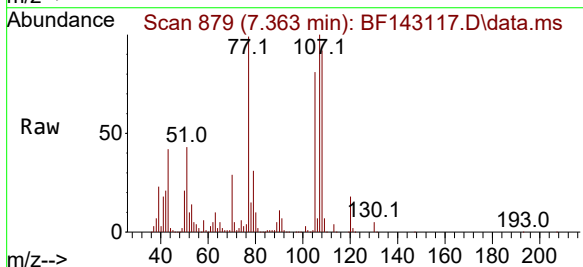
Ion	Ratio	Lower	Upper
70	100		
42	65.6	53.2	79.8
101	9.2	7.5	11.3
130	19.8	15.7	23.5

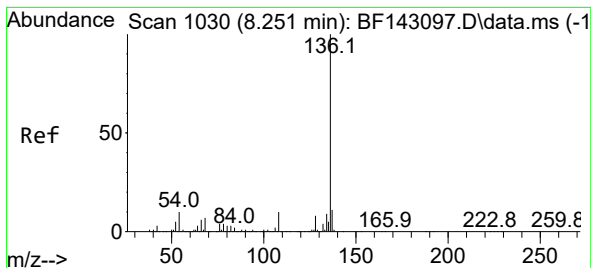


#20
3+4-Methylphenols
Concen: 40.641 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 107 Resp: 369651

Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.3	111.3
77	98.8	77.2	117.2
79	30.6	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 510164

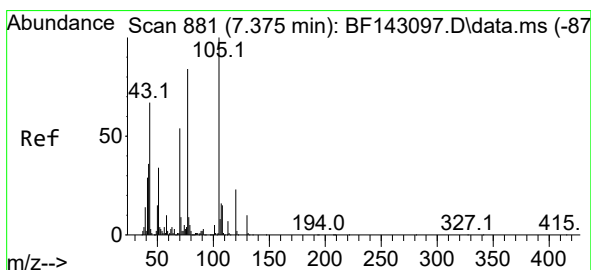
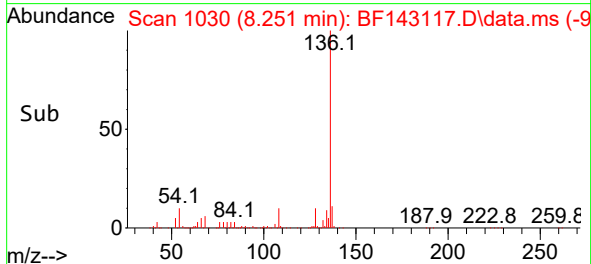
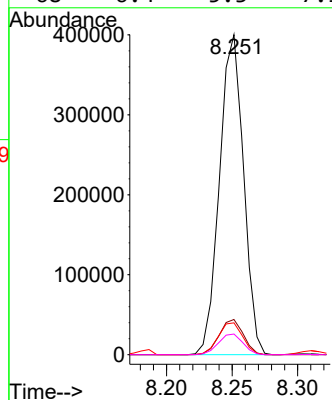
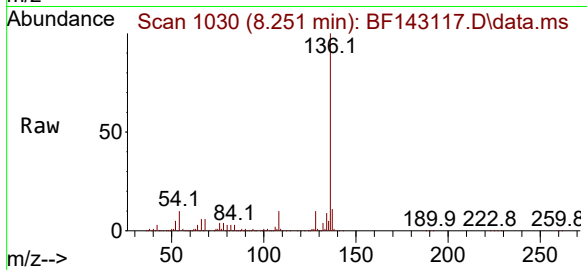
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.9 8.3 12.5

68 6.4 5.3 7.9



#22

Acetophenone

Concen: 38.753 ng

RT: 7.369 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Tgt Ion:105 Resp: 476586

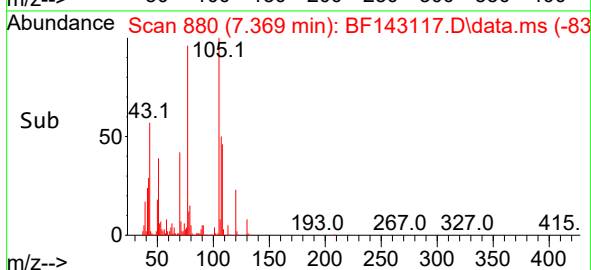
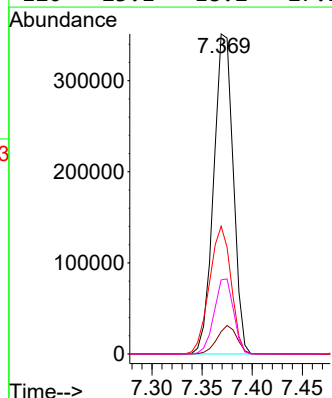
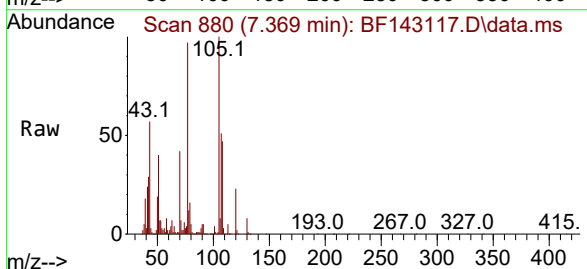
Ion Ratio Lower Upper

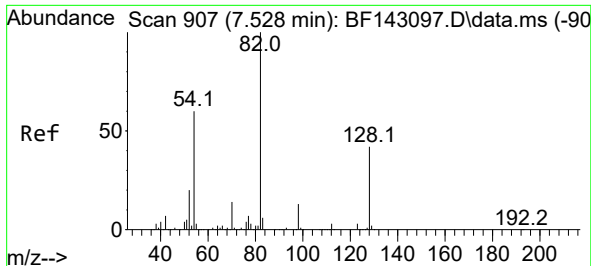
105 100

71 7.0 7.2 10.8#

51 39.9 27.0 40.4

120 23.1 18.2 27.2

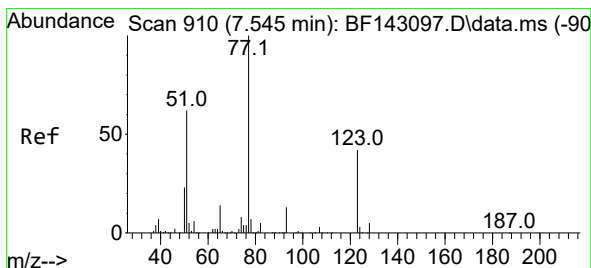
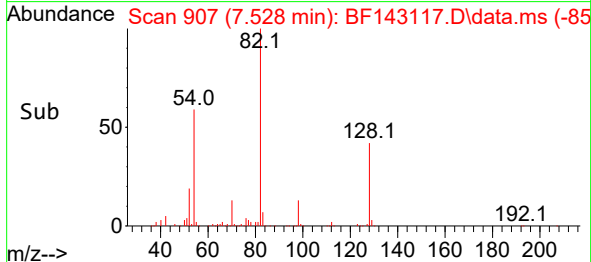
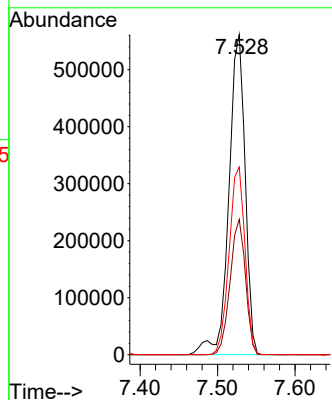
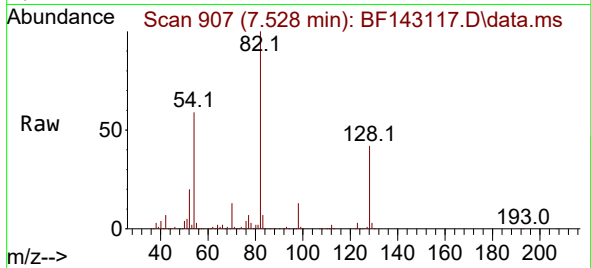




#23
Nitrobenzene-d5
Concen: 90.170 ng
RT: 7.528 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

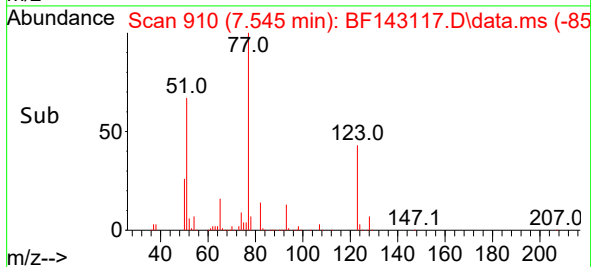
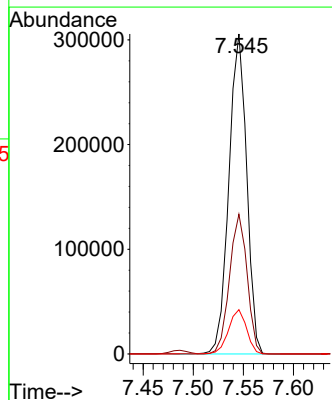
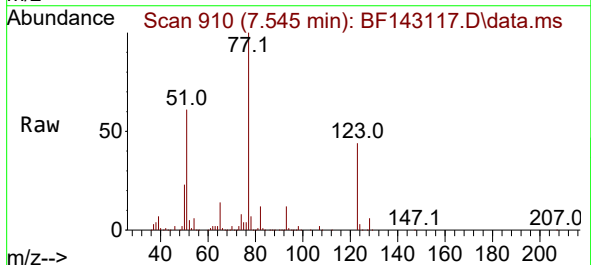
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

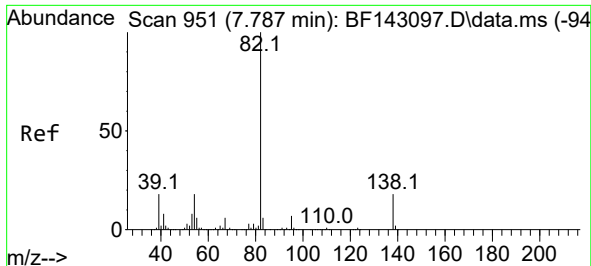
Tgt Ion: 82 Resp: 820016
Ion Ratio Lower Upper
82 100
128 42.3 33.3 49.9
54 58.7 47.4 71.2



#24
Nitrobenzene
Concen: 42.874 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 77 Resp: 376400
Ion Ratio Lower Upper
77 100
123 43.6 34.5 51.7
65 13.8 11.3 16.9

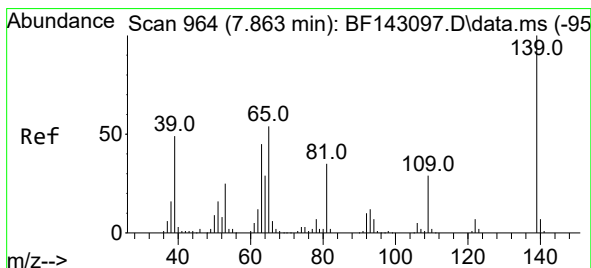
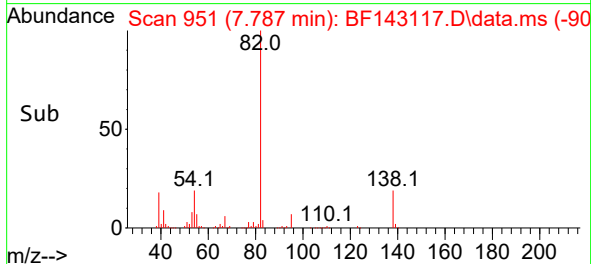
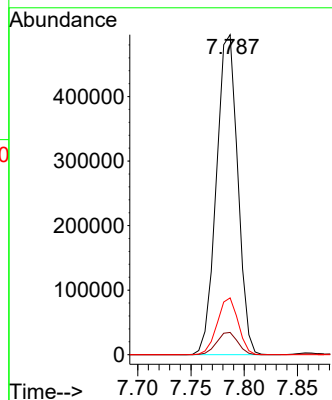
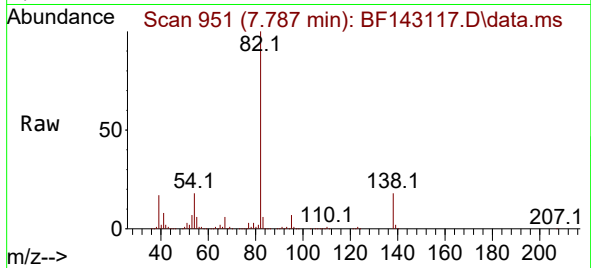




#25
Isophorone
Concen: 39.167 ng
RT: 7.787 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

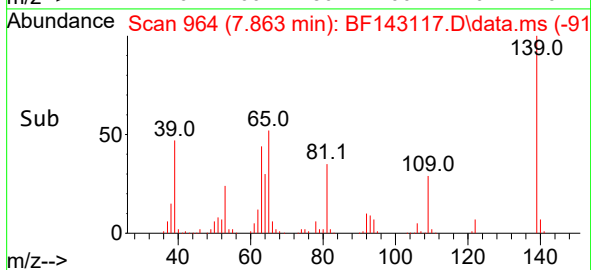
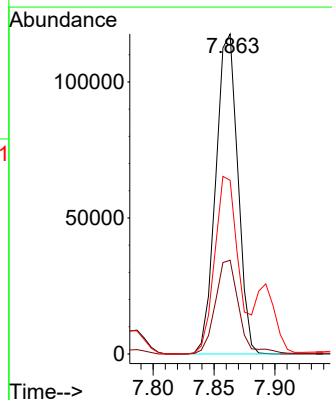
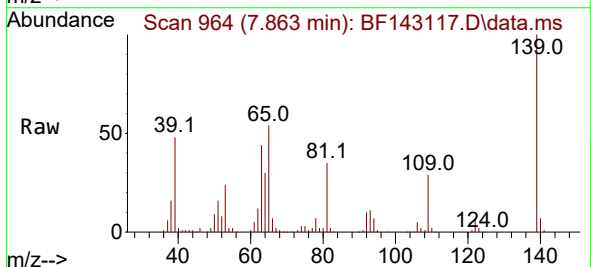
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

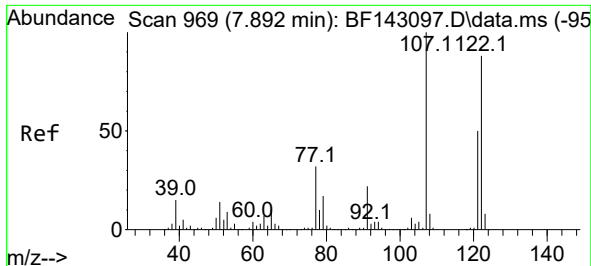
Tgt Ion: 82 Resp: 688462
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.7 14.3 21.5



#26
2-Nitrophenol
Concen: 42.663 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:139 Resp: 148006
Ion Ratio Lower Upper
139 100
109 29.3 23.4 35.0
65 54.3 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 39.965 ng

RT: 7.893 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

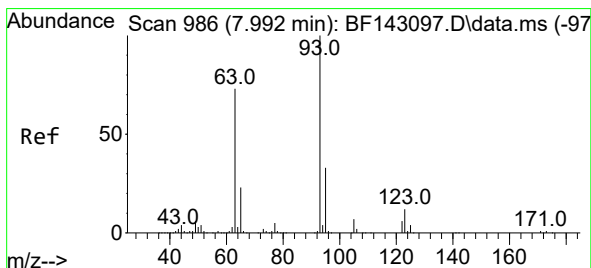
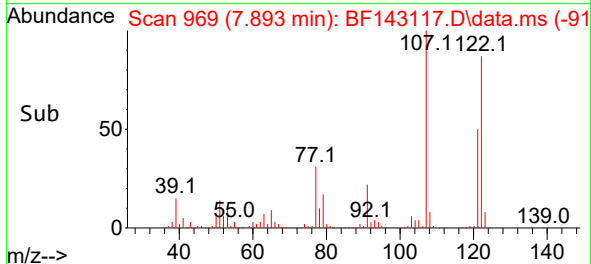
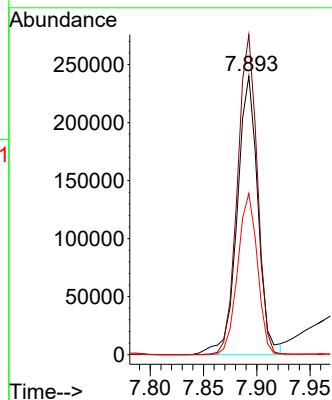
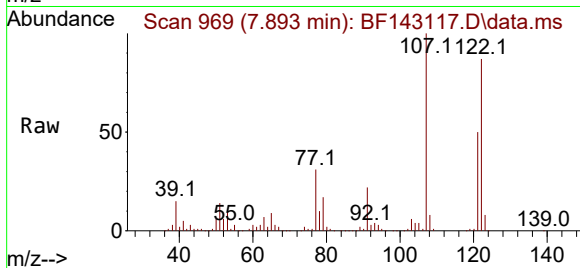
Tgt Ion:122 Resp: 326049

Ion Ratio Lower Upper

122 100

107 114.8 91.3 136.9

121 57.9 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.412 ng

RT: 7.993 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

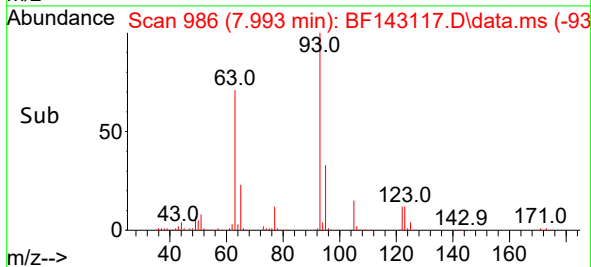
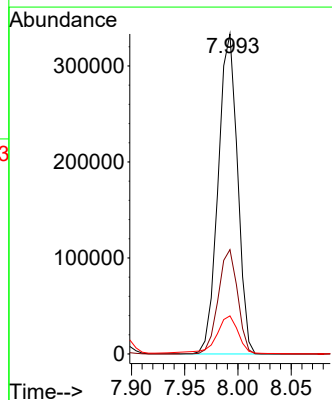
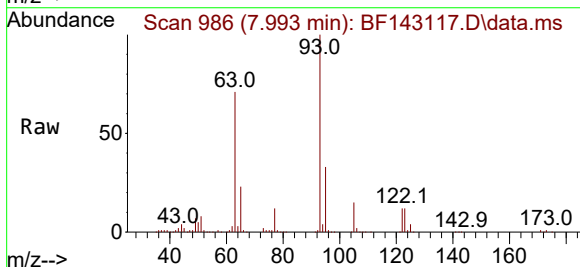
Tgt Ion: 93 Resp: 420098

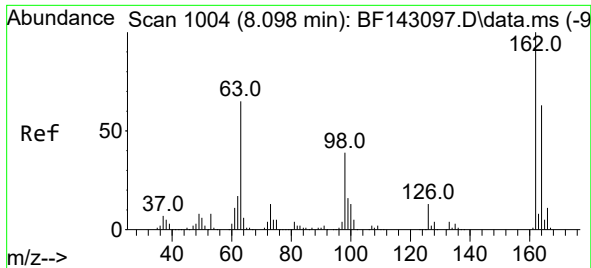
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.164 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

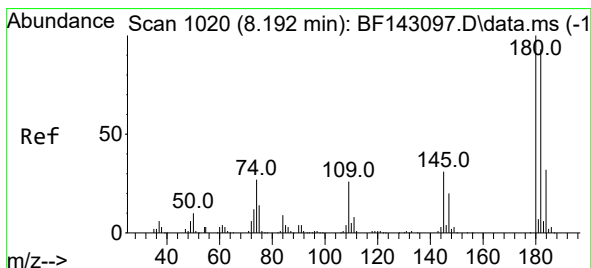
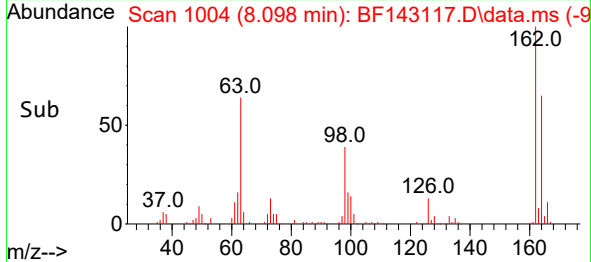
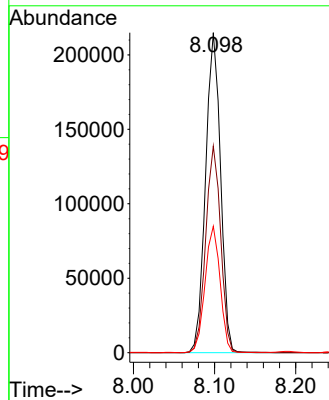
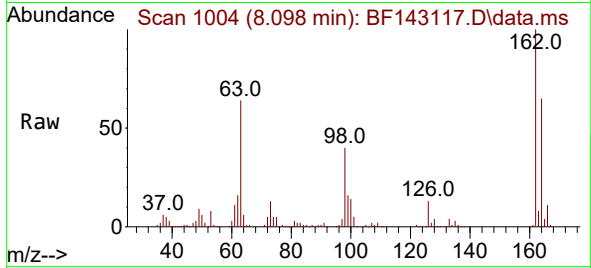
Tgt Ion:162 Resp: 274747

Ion Ratio Lower Upper

162 100

164 64.6 43.1 83.1

98 39.5 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 39.339 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

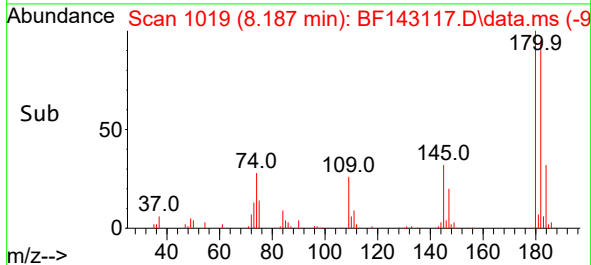
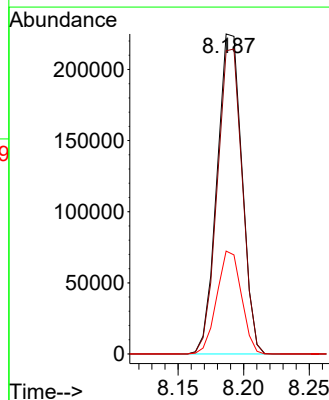
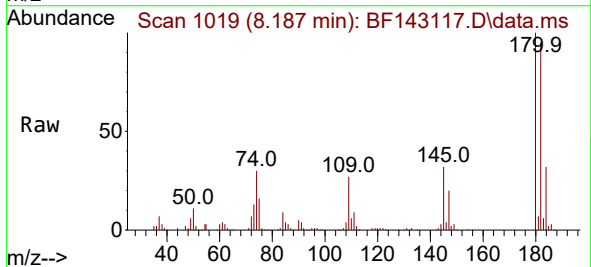
Tgt Ion:180 Resp: 297978

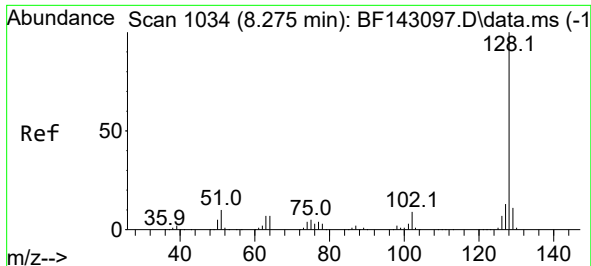
Ion Ratio Lower Upper

180 100

182 94.8 74.7 112.1

145 32.1 24.5 36.7

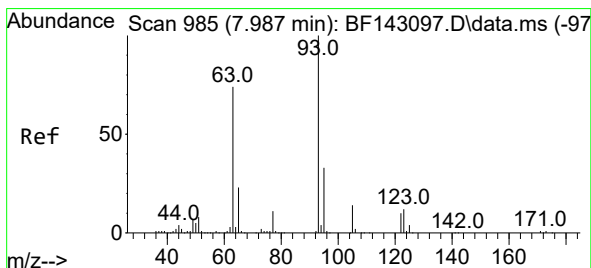
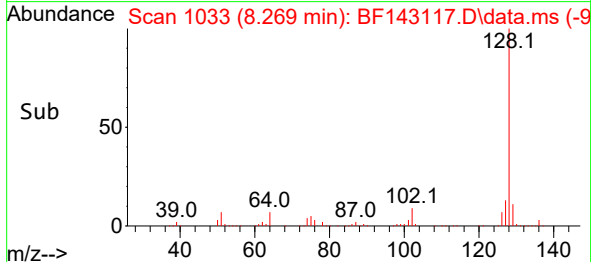
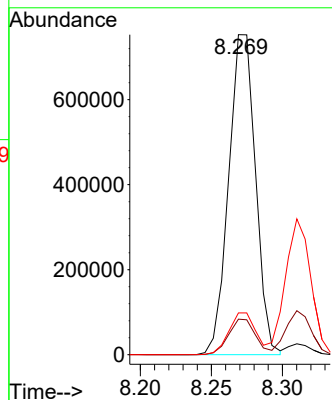
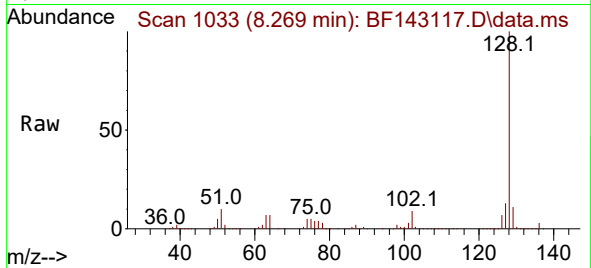




#31
Naphthalene
Concen: 39.140 ng
RT: 8.269 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

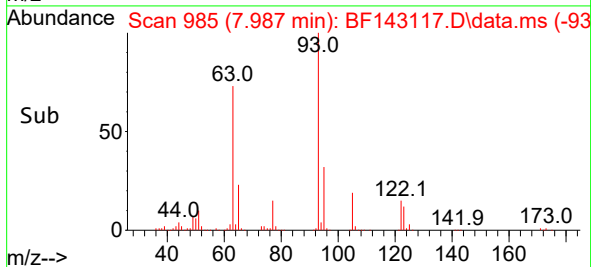
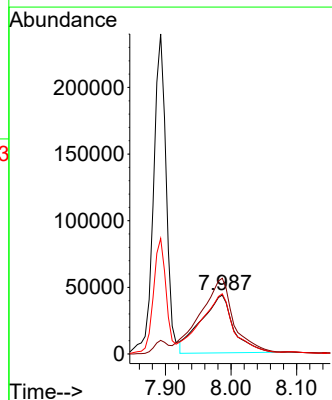
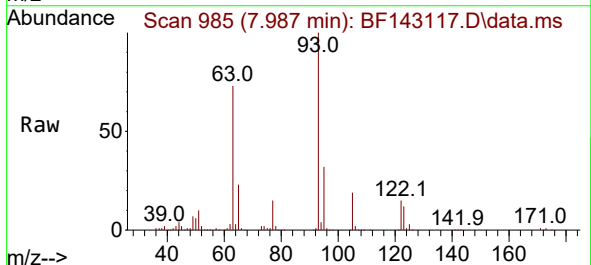
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

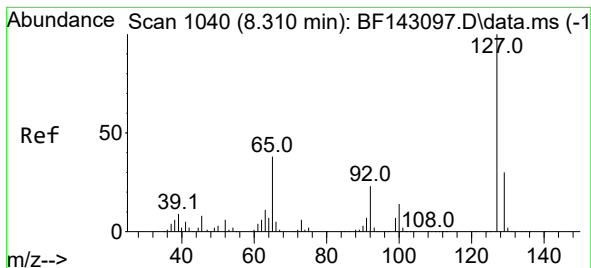
Tgt Ion:128 Resp: 991571
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 38.466 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:122 Resp: 150277
Ion Ratio Lower Upper
122 100
105 128.6 105.4 145.4
77 102.1 78.6 118.6

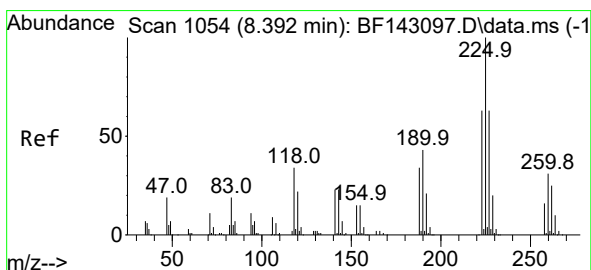
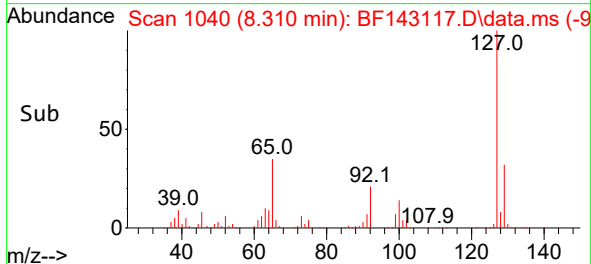
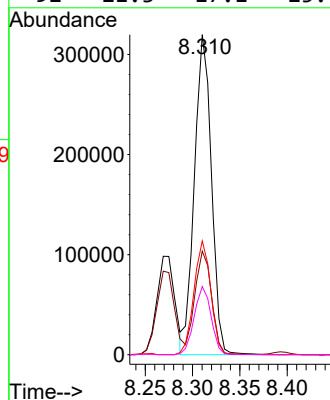
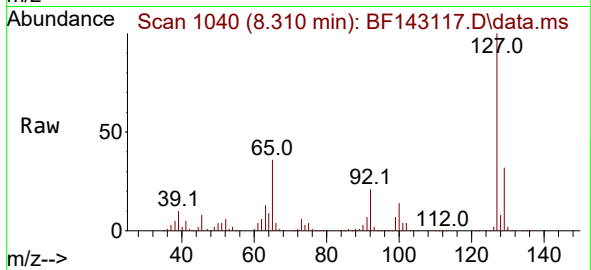




#33
4-Chloroaniline
Concen: 39.377 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

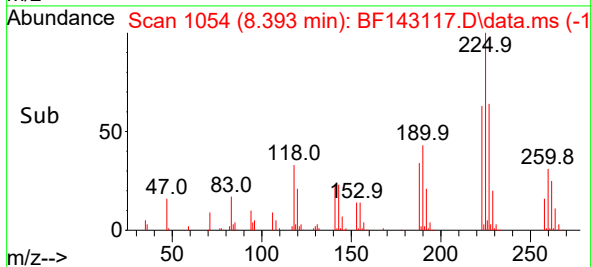
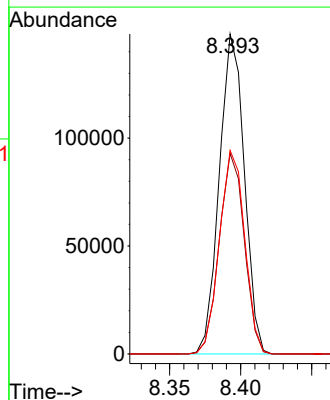
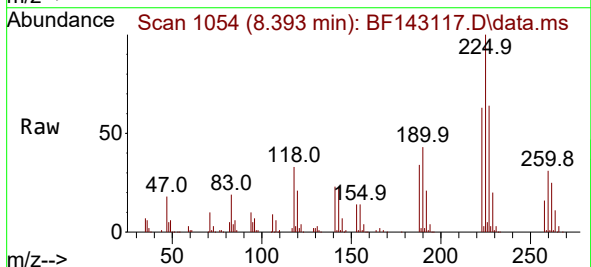
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

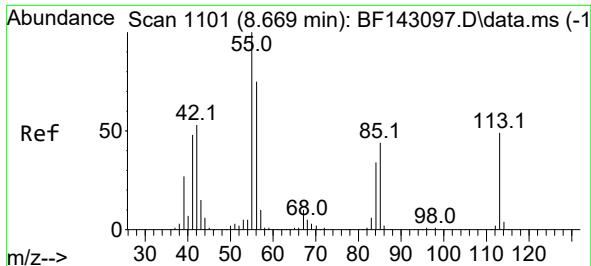
Tgt Ion:	127	Resp:	401159
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	35.5	28.6	42.8
92	21.3	17.1	25.7



#34
Hexachlorobutadiene
Concen: 40.072 ng
RT: 8.393 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:	225	Resp:	181527
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	63.6	50.1	75.1

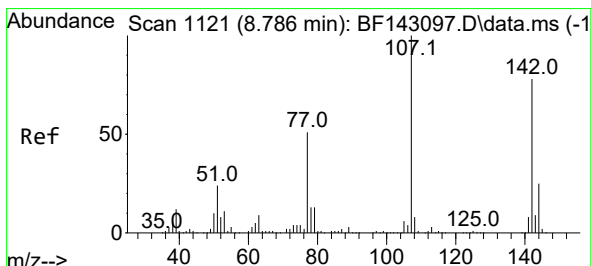
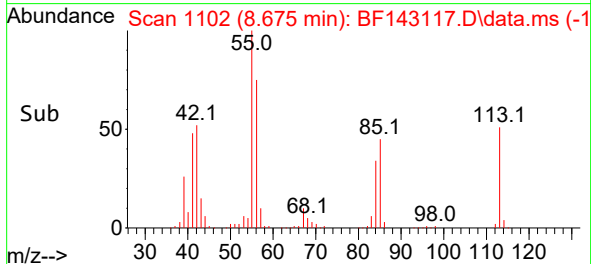
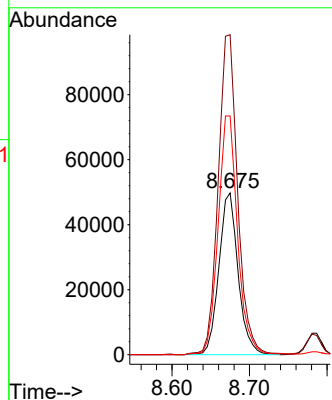
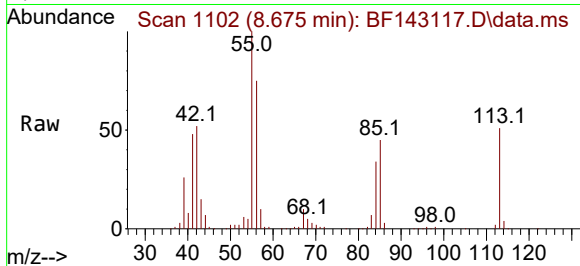




#35
 Caprolactam
 Concen: 41.190 ng
 RT: 8.675 min Scan# 1101
 Delta R.T. 0.006 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

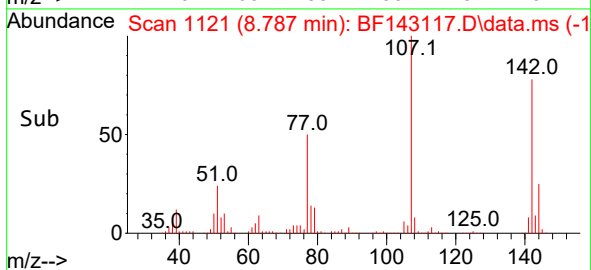
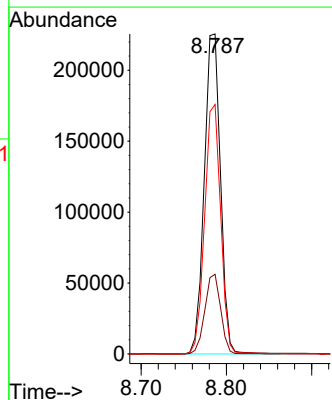
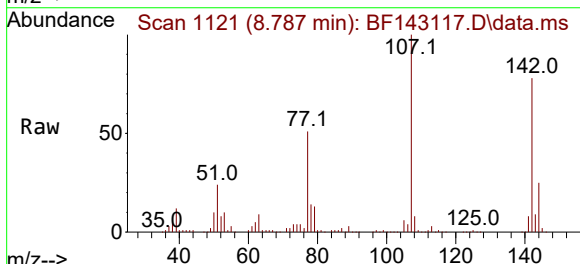
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

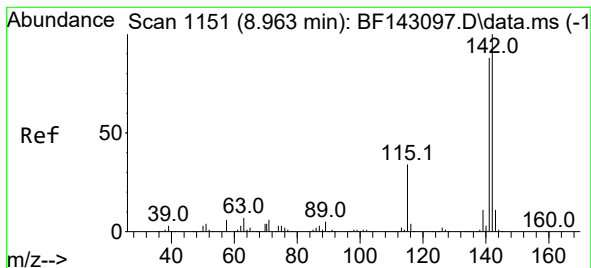
Tgt Ion:113 Resp: 85847
 Ion Ratio Lower Upper
 113 100
 55 197.8 186.2 226.2
 56 147.6 134.1 174.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.192 ng
 RT: 8.787 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

Tgt Ion:107 Resp: 298817
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.2
 142 77.9 62.4 93.6





#37

2-Methylnaphthalene

Concen: 39.014 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

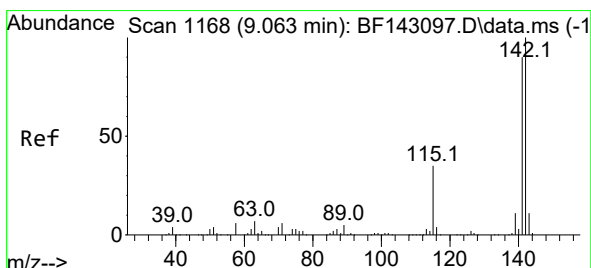
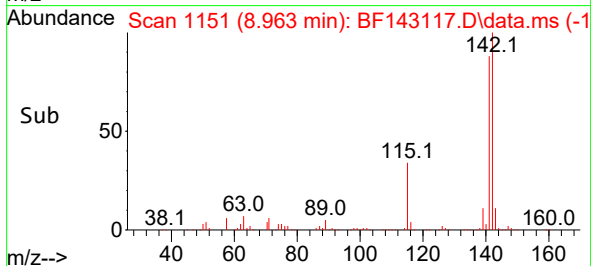
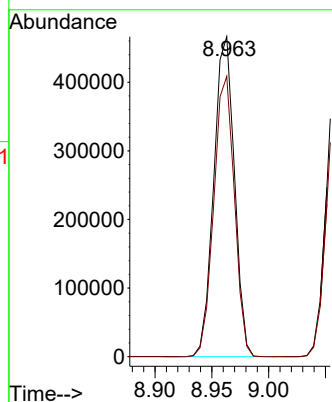
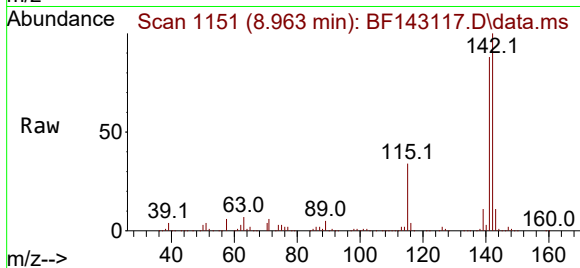
SSTDCCC040

Tgt Ion:142 Resp: 589636

Ion Ratio Lower Upper

142 100

141 87.6 70.2 105.2



#38

1-Methylnaphthalene

Concen: 38.976 ng

RT: 9.063 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF143117.D

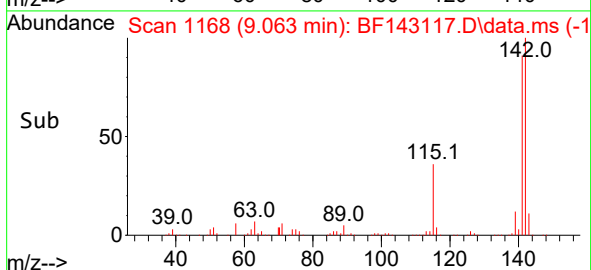
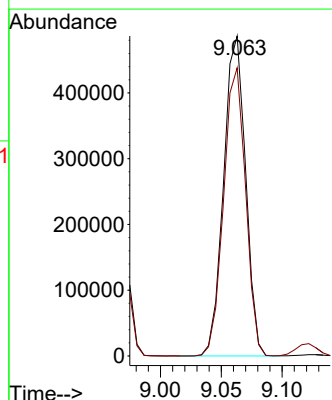
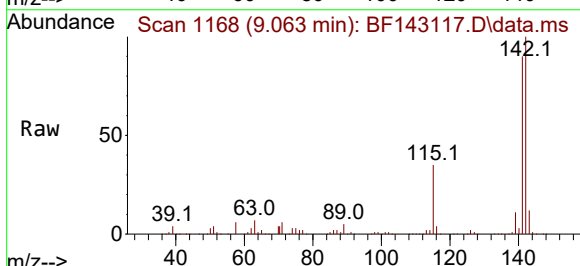
Acq: 16 Jul 2025 19:39

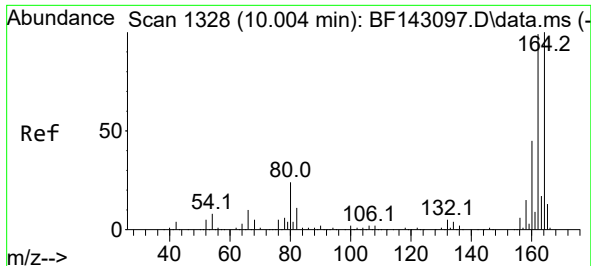
Tgt Ion:142 Resp: 610968

Ion Ratio Lower Upper

142 100

141 90.0 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: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

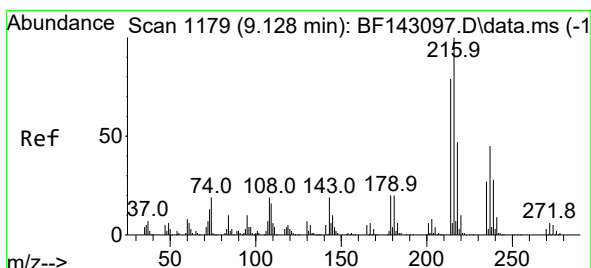
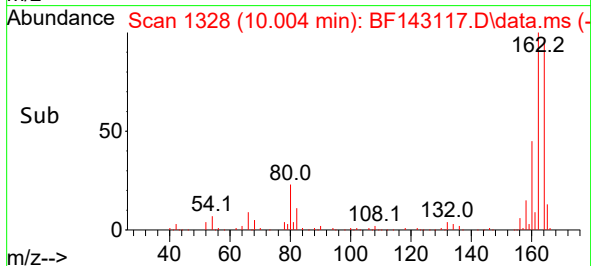
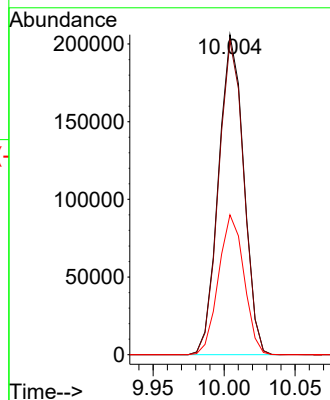
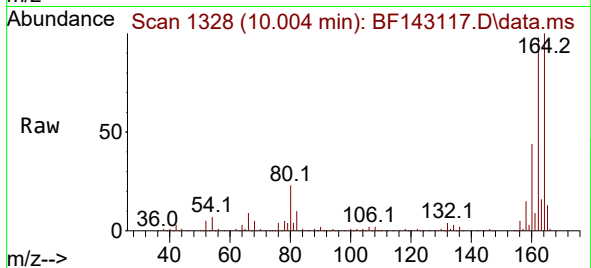
Tgt Ion:164 Resp: 254065

Ion Ratio Lower Upper

164 100

162 98.2 79.0 118.6

160 43.7 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.885 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Tgt Ion:216 Resp: 287903

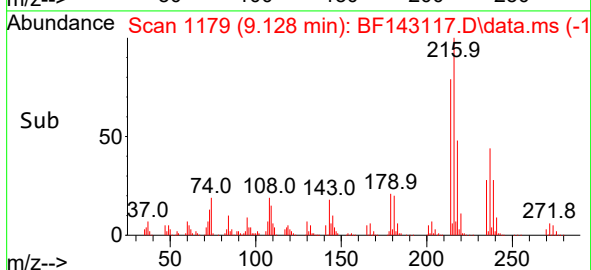
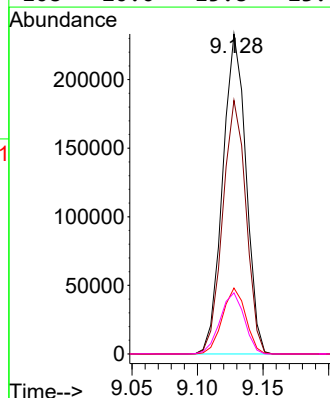
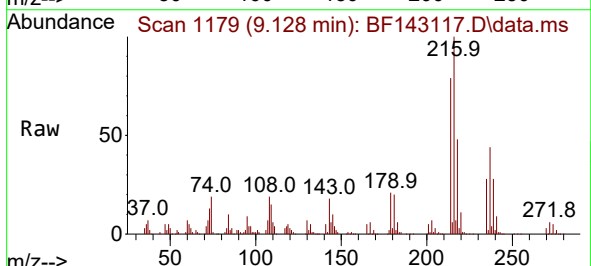
Ion Ratio Lower Upper

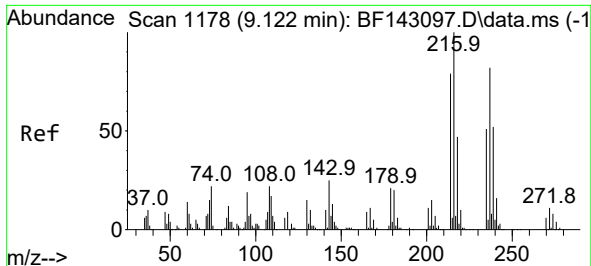
216 100

214 79.1 62.6 94.0

179 20.6 16.2 24.2

108 20.0 15.8 23.6

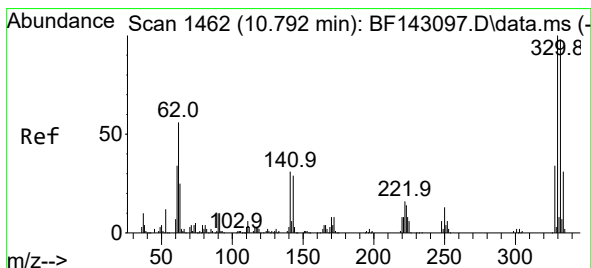
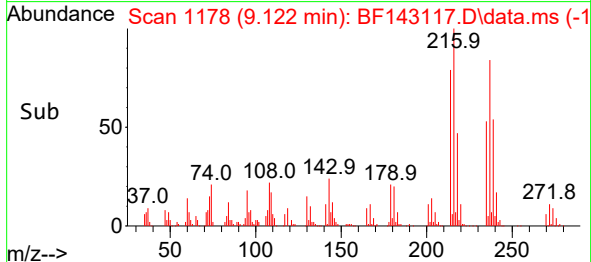
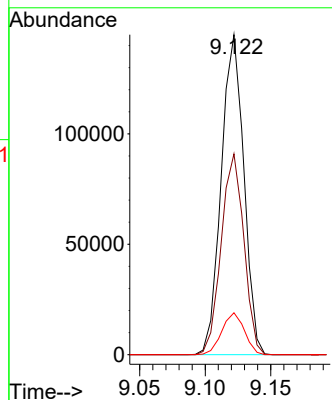
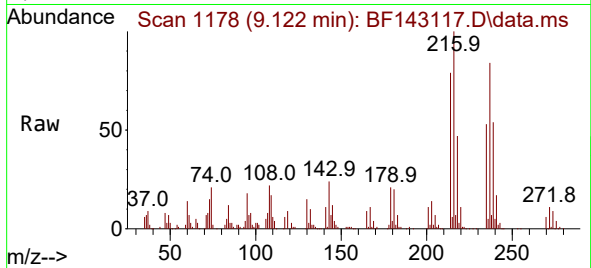




#41
Hexachlorocyclopentadiene
Concen: 42.225 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

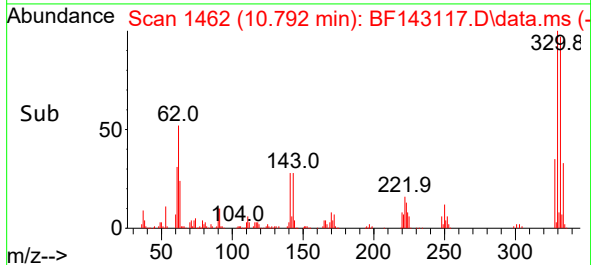
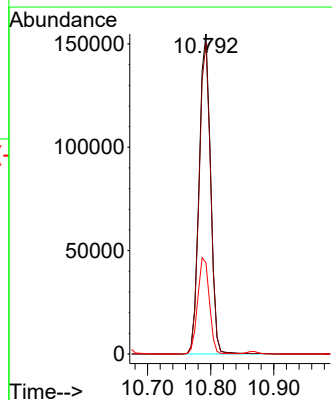
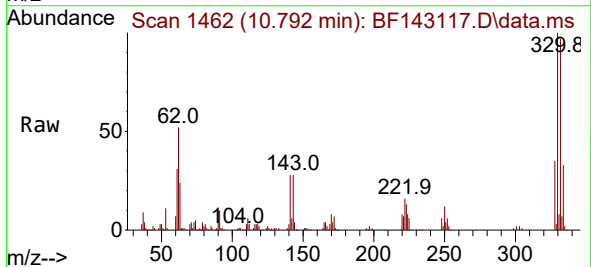
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

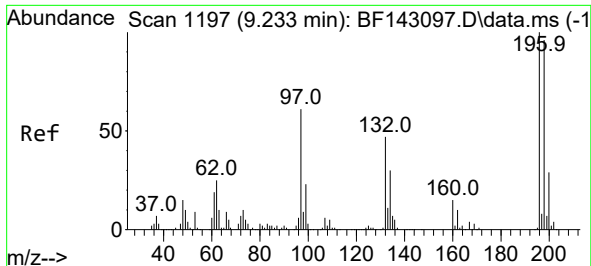
Tgt Ion: 237 Resp: 173333
Ion Ratio Lower Upper
237 100
235 62.7 41.6 81.6
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 85.634 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 330 Resp: 193992
Ion Ratio Lower Upper
330 100
332 97.0 77.9 116.9
141 30.8 25.9 38.9





#43

2,4,6-Trichlorophenol

Concen: 42.600 ng

RT: 9.234 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

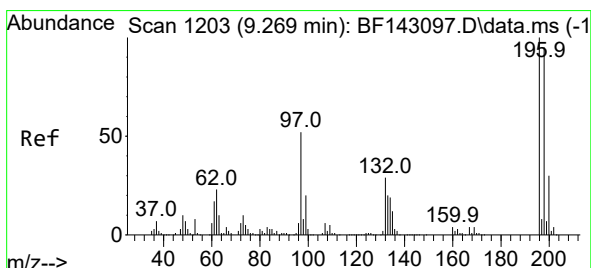
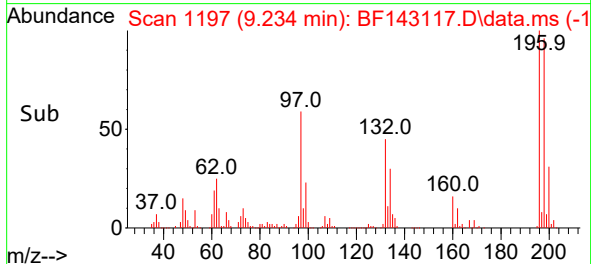
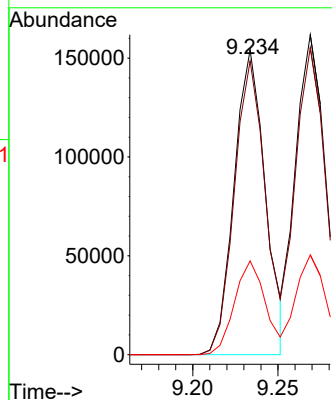
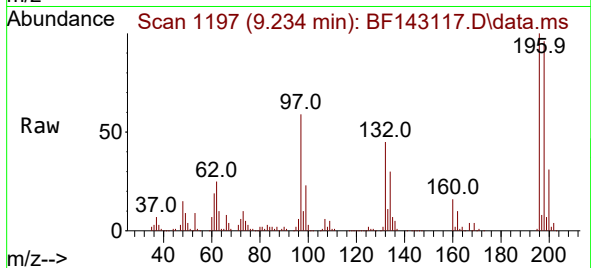
Tgt Ion:196 Resp: 195982

Ion Ratio Lower Upper

196 100

198 96.3 76.9 115.3

200 30.7 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 40.747 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Tgt Ion:196 Resp: 196557

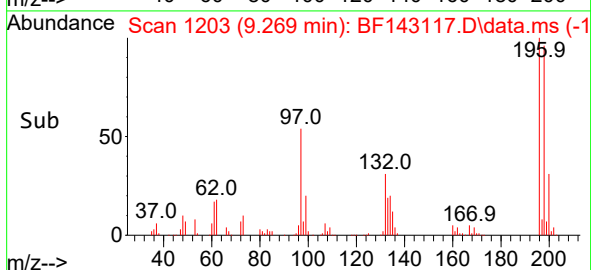
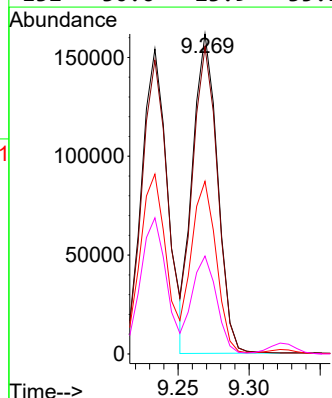
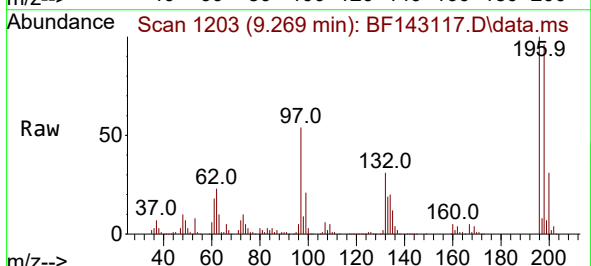
Ion Ratio Lower Upper

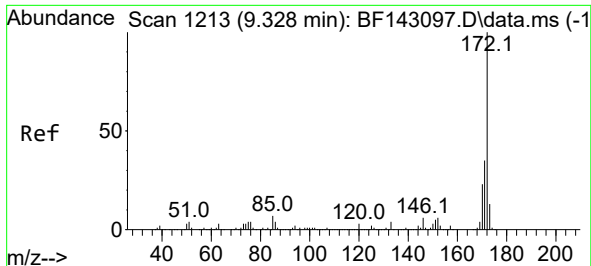
196 100

198 95.9 76.4 114.6

97 53.9 42.4 63.6

132 30.6 23.9 35.9

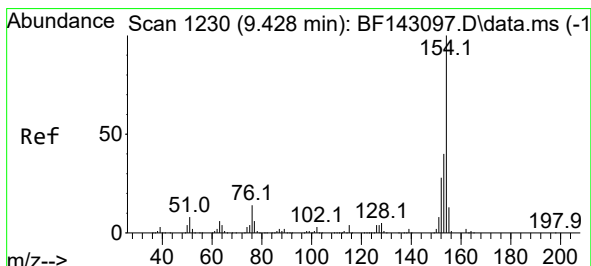
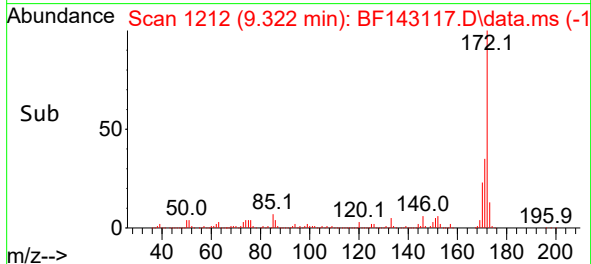
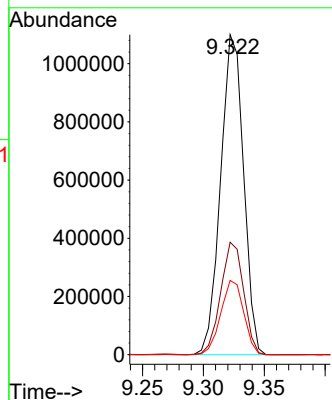
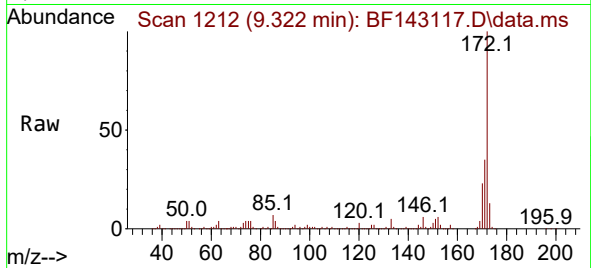




#45
2-Fluorobiphenyl
Concen: 75.570 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

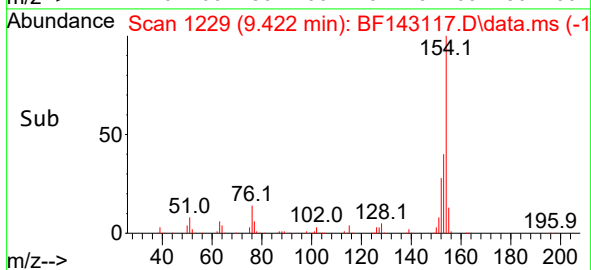
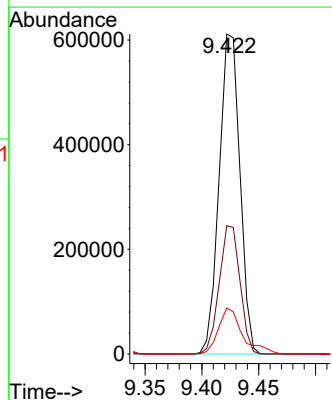
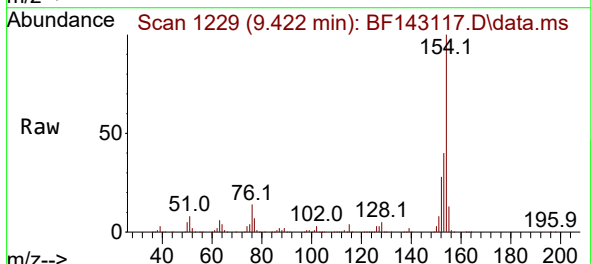
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

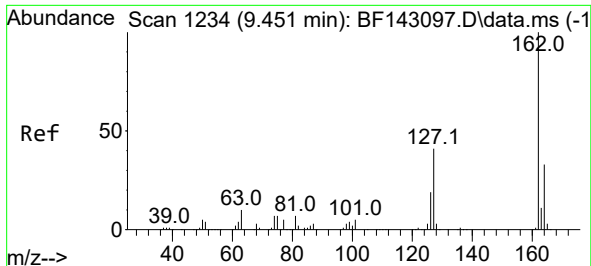
Tgt Ion:172 Resp: 1444367
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.466 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:154 Resp: 779366
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 14.3 0.0 33.7





#47

2-Chloronaphthalene

Concen: 38.546 ng

RT: 9.451 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

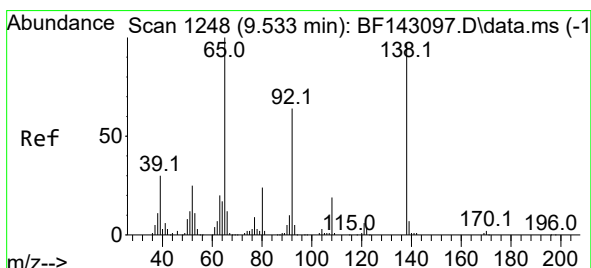
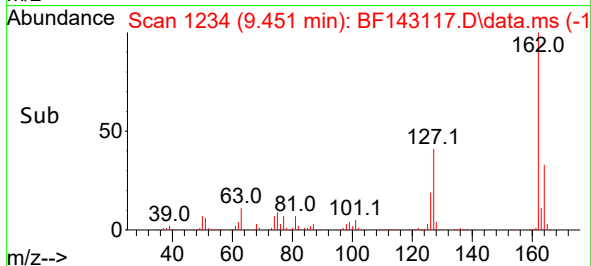
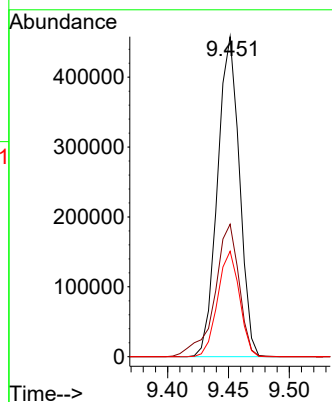
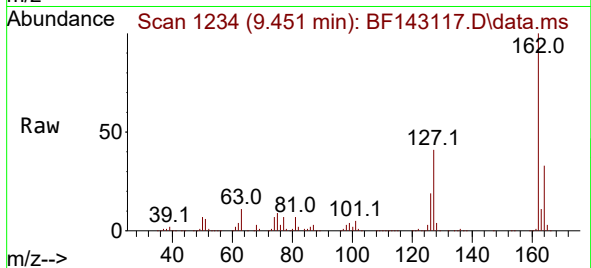
Tgt Ion:162 Resp: 573731

Ion Ratio Lower Upper

162 100

127 41.4 33.0 49.6

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 40.710 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.001 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

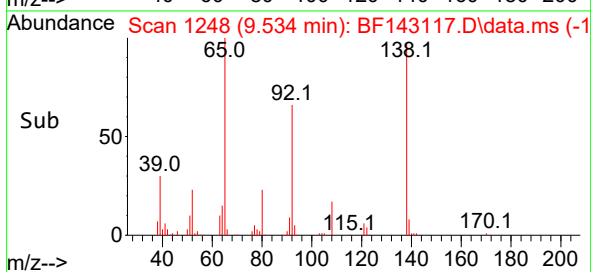
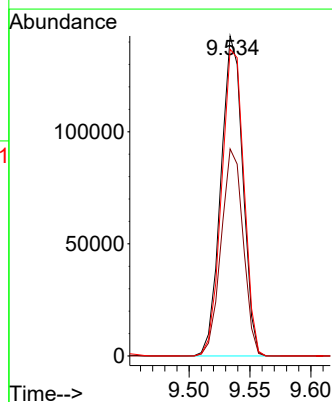
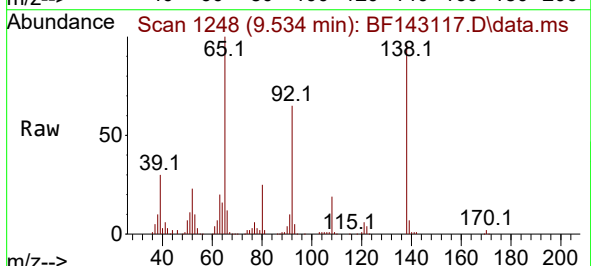
Tgt Ion: 65 Resp: 178618

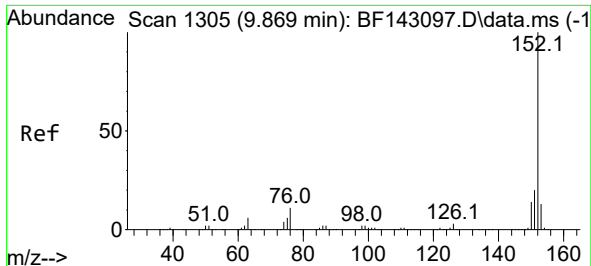
Ion Ratio Lower Upper

65 100

92 64.7 51.3 76.9

138 95.9 77.8 116.6

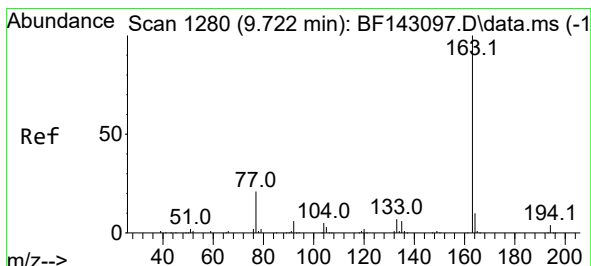
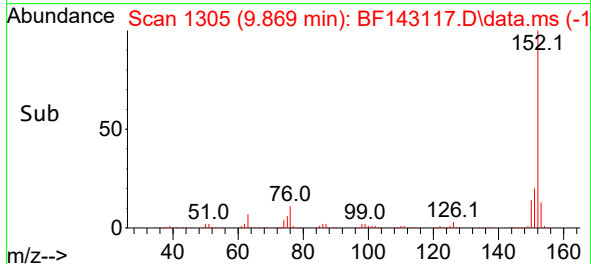
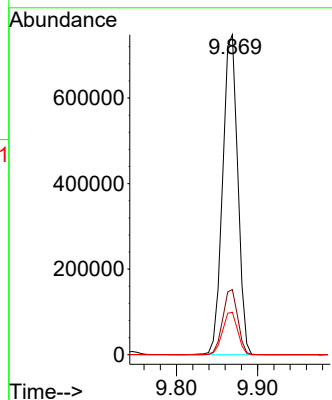
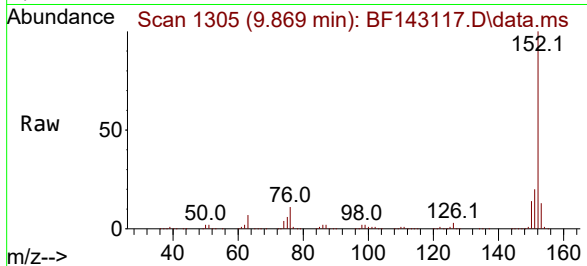




#49
Acenaphthylene
Concen: 39.176 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

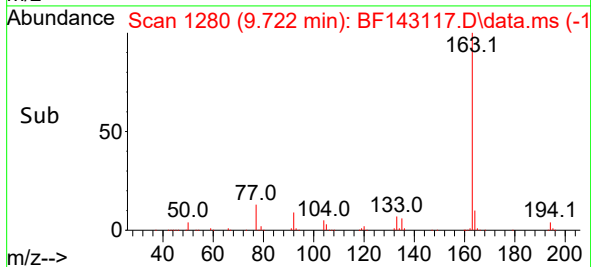
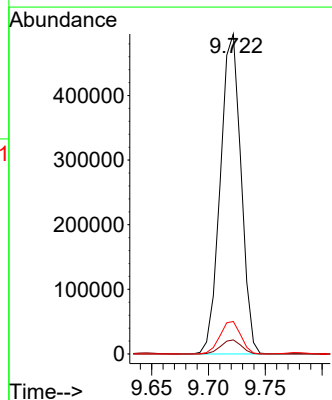
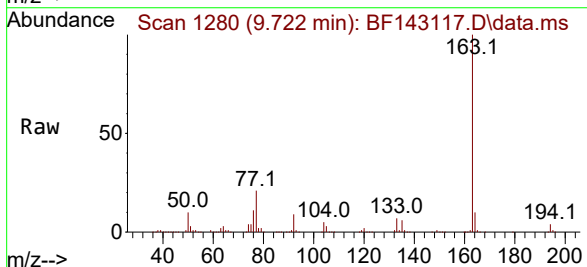
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

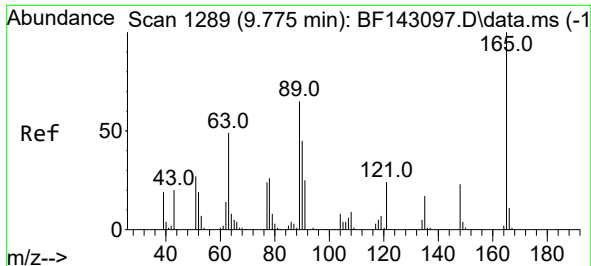
Tgt Ion:152 Resp: 971647
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 39.291 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:163 Resp: 628010
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.2

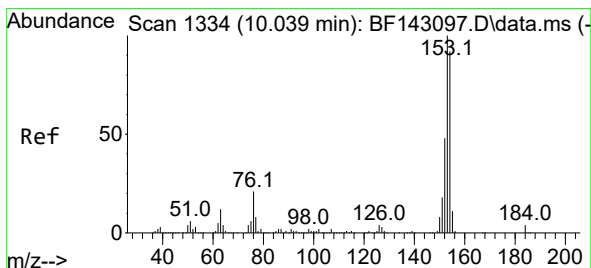
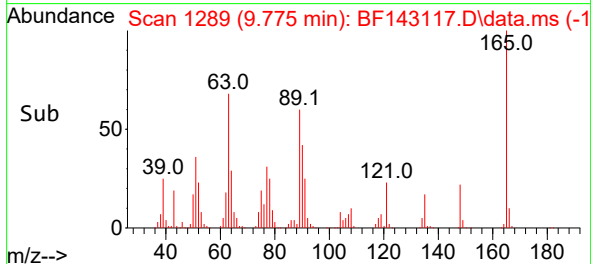
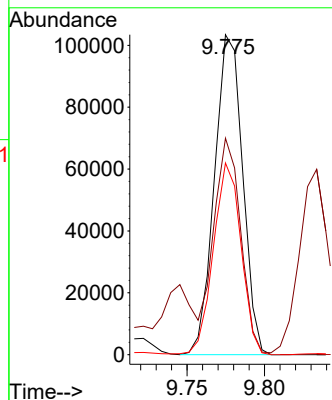
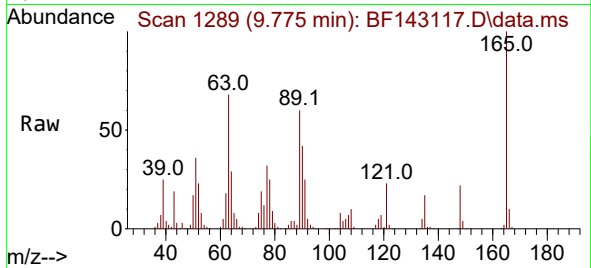




#51
2,6-Dinitrotoluene
Concen: 41.829 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

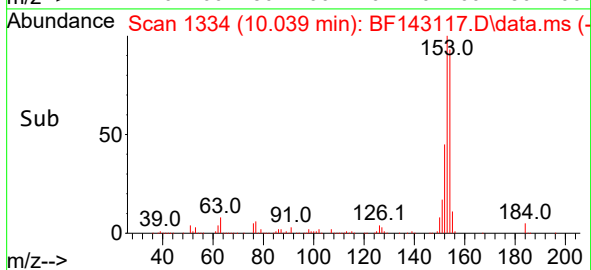
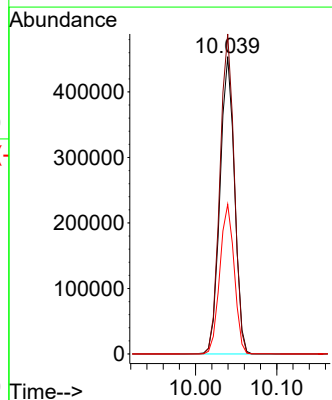
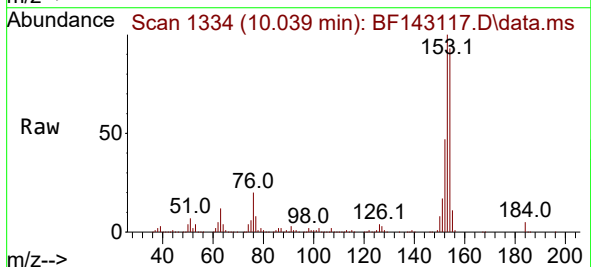
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

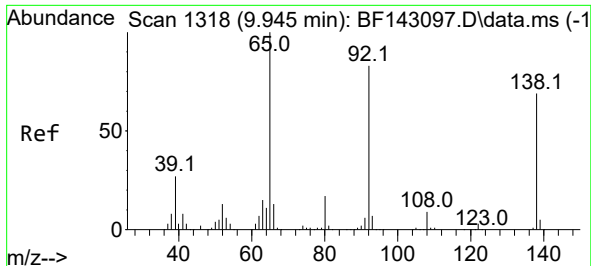
Tgt Ion:165 Resp: 130906
Ion Ratio Lower Upper
165 100
63 67.7 57.4 86.0
89 59.9 51.8 77.8



#52
Acenaphthene
Concen: 38.701 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:154 Resp: 566434
Ion Ratio Lower Upper
154 100
153 107.6 86.7 130.1
152 50.3 41.4 62.2

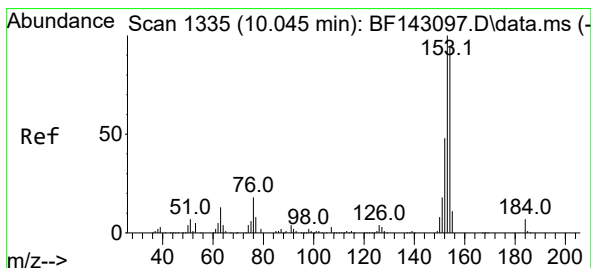
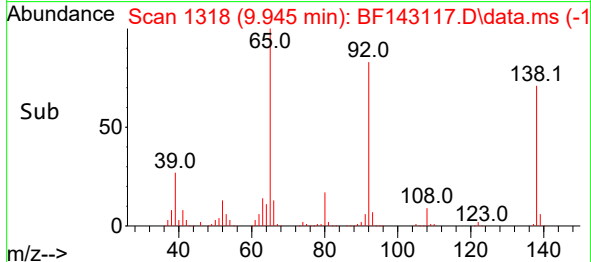
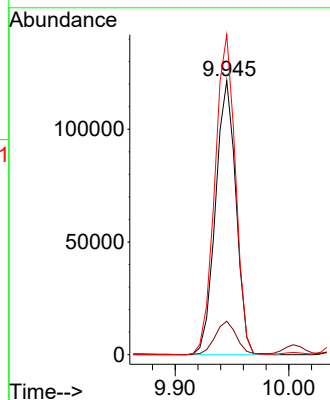
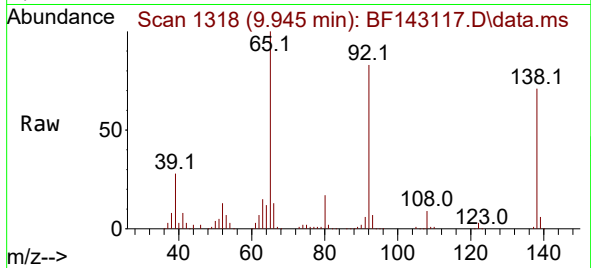




#53
3-Nitroaniline
Concen: 43.942 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

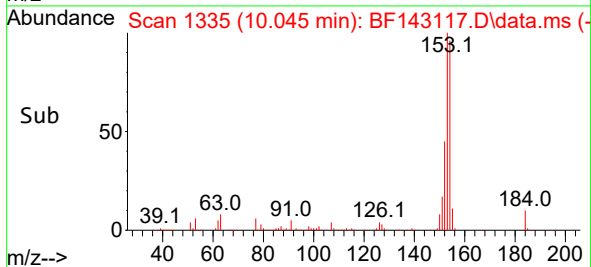
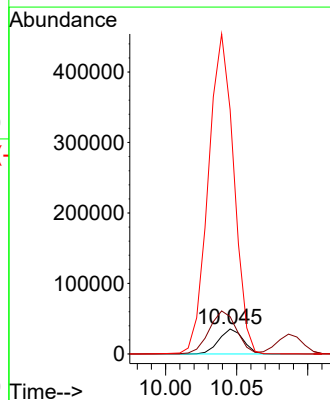
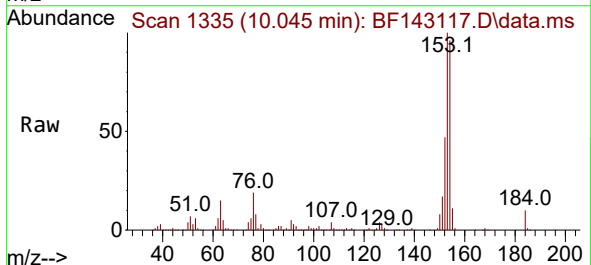
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

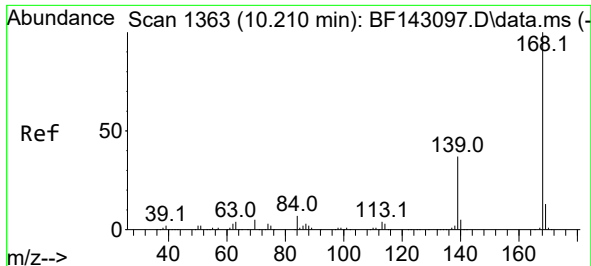
Tgt Ion:138 Resp: 151765
Ion Ratio Lower Upper
138 100
108 12.2 10.1 15.1
92 116.8 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 42.980 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:184 Resp: 41904
Ion Ratio Lower Upper
184 100
63 149.9 149.3 223.9
154 980.5 1048.0 1572.0#

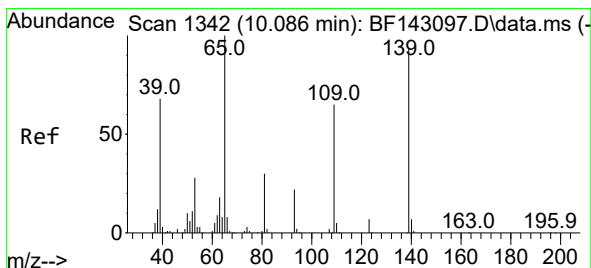
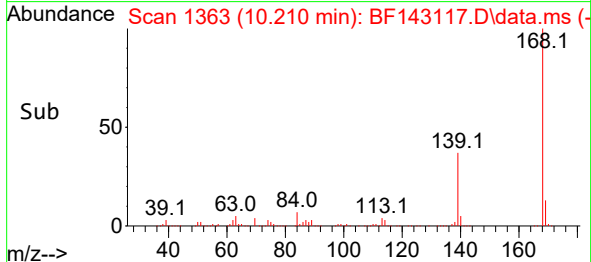
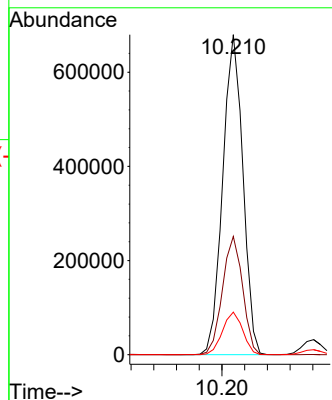
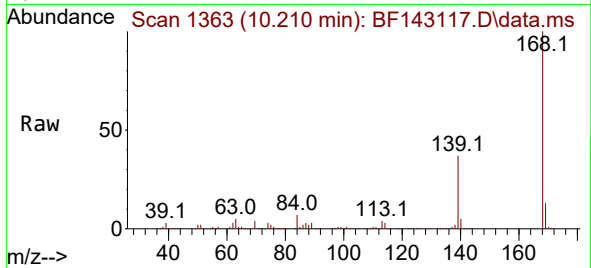




#55
Dibenzofuran
Concen: 38.413 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

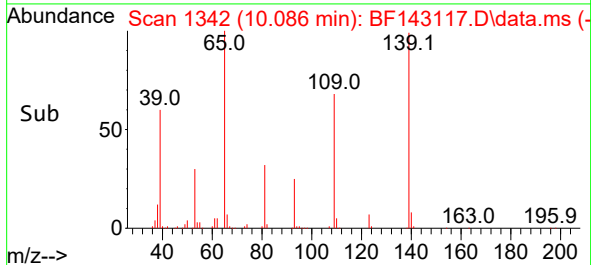
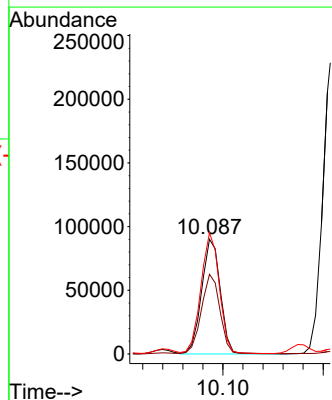
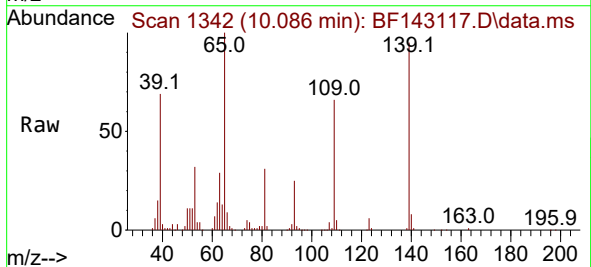
Instrument :
BNA_F
ClientSampleId :
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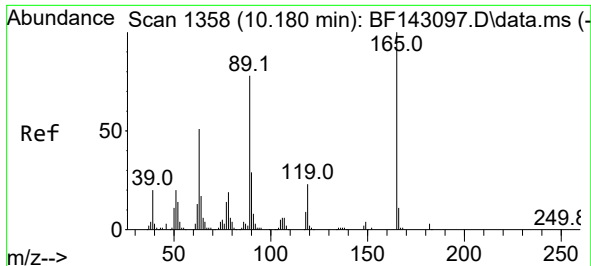
Tgt Ion:168 Resp: 838011
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 42.650 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:139 Resp: 117068
Ion Ratio Lower Upper
139 100
109 69.5 49.4 89.4
65 105.7 88.2 128.2

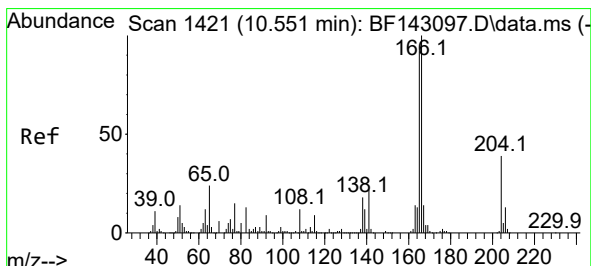
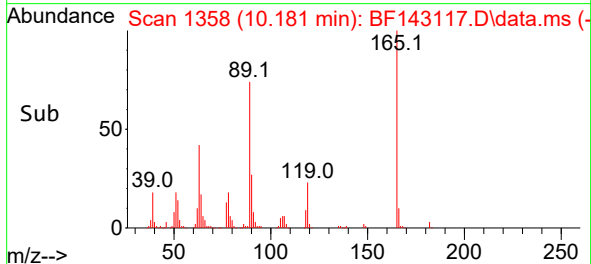
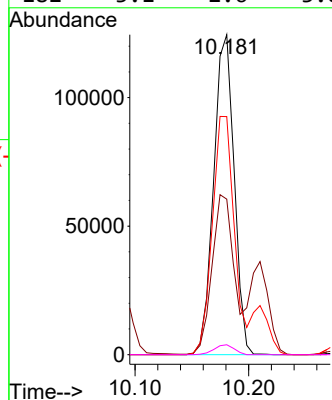
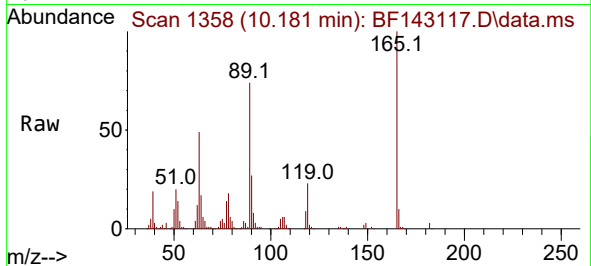




#57
2,4-Dinitrotoluene
Concen: 40.106 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

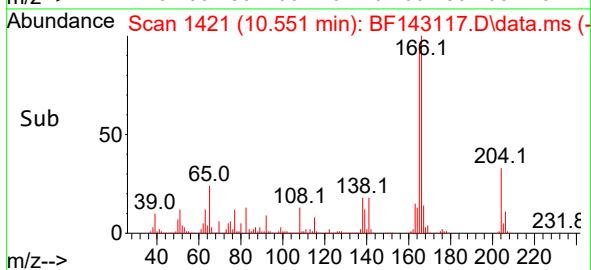
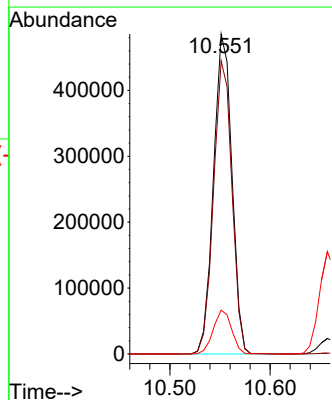
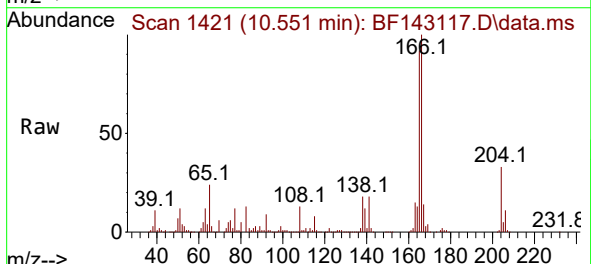
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

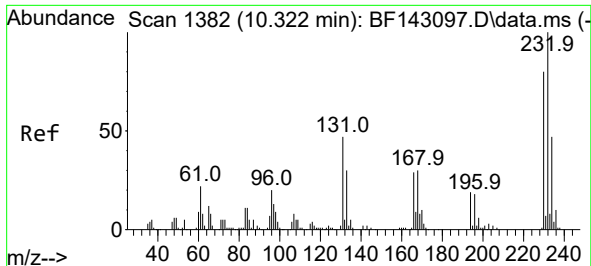
Tgt Ion:165 Resp: 155813
Ion Ratio Lower Upper
165 100
63 48.6 40.6 61.0
89 74.4 62.3 93.5
182 3.1 2.6 3.8



#58
Fluorene
Concen: 37.875 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:166 Resp: 619482
Ion Ratio Lower Upper
166 100
165 91.6 73.7 110.5
167 13.7 10.9 16.3

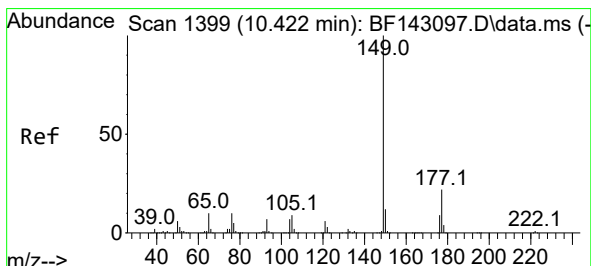
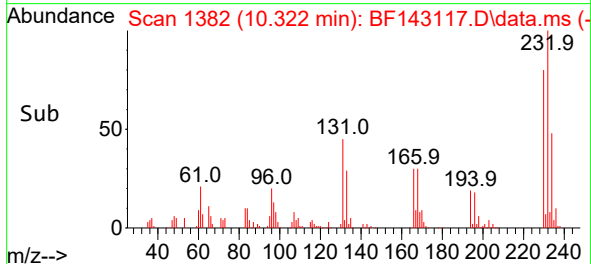
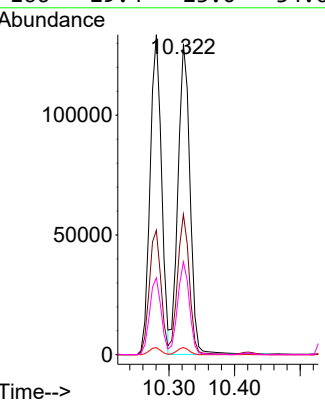
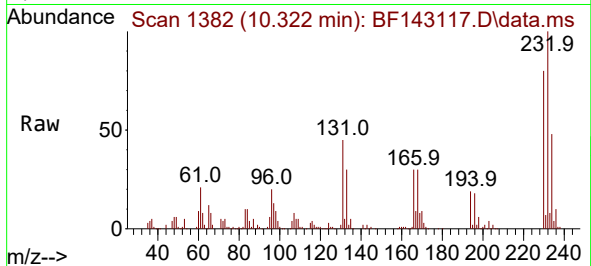




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.914 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

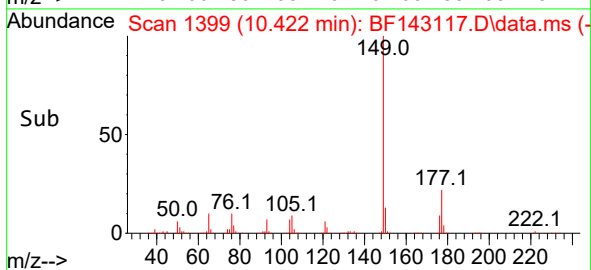
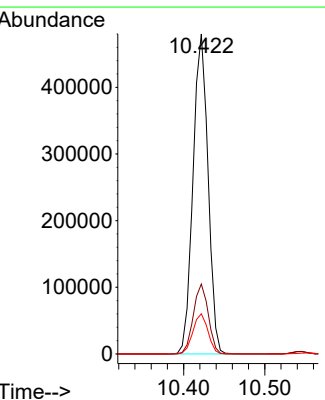
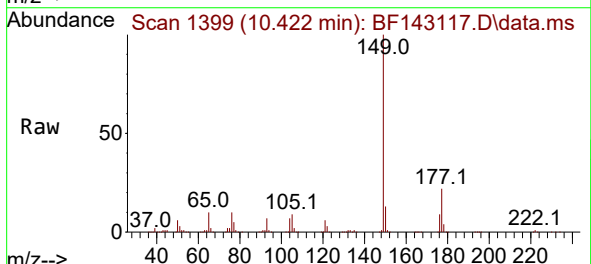
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

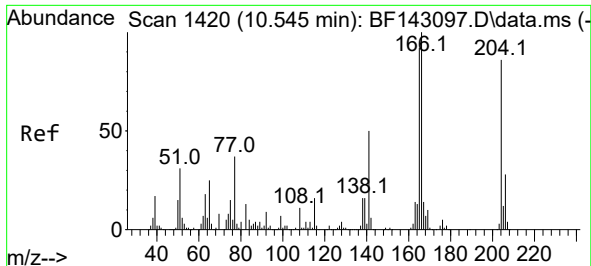
Tgt Ion:232 Resp: 164509
Ion Ratio Lower Upper
232 100
131 44.1 36.9 55.3
130 2.3 1.8 2.8
166 29.4 23.0 34.6



#60
Diethylphthalate
Concen: 39.920 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:149 Resp: 615586
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 12.6 9.9 14.9

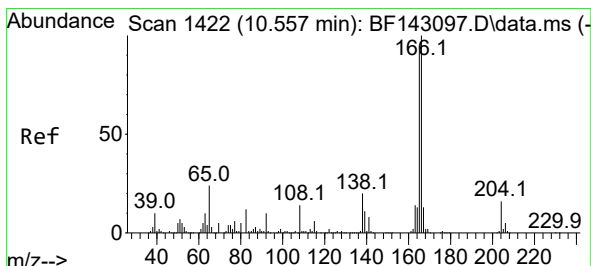
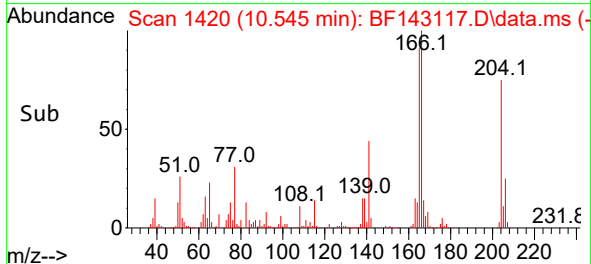
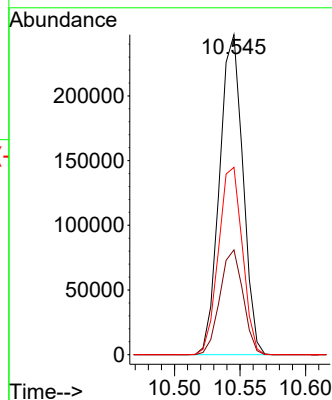
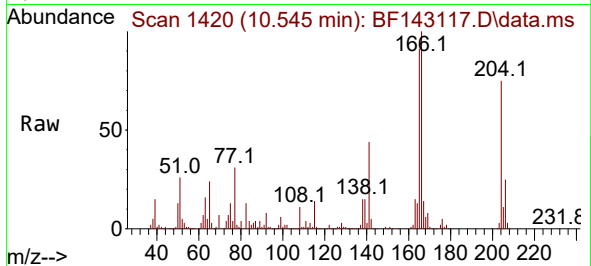




#61
4-Chlorophenyl-phenylether
Concen: 39.072 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

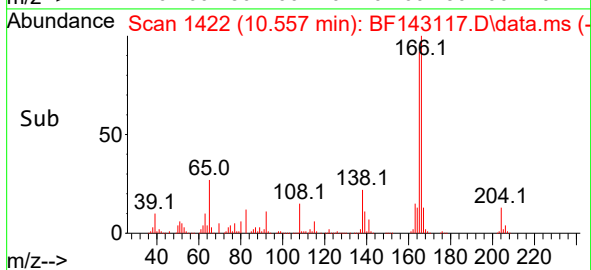
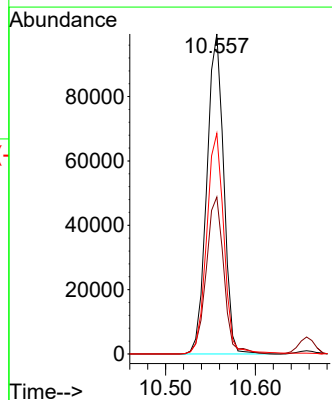
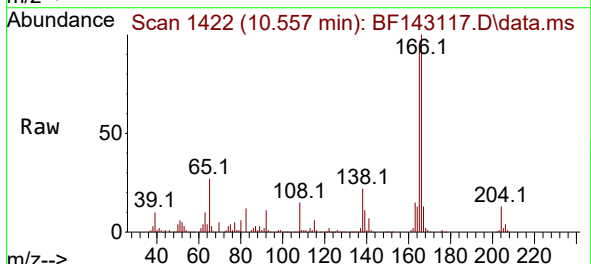
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

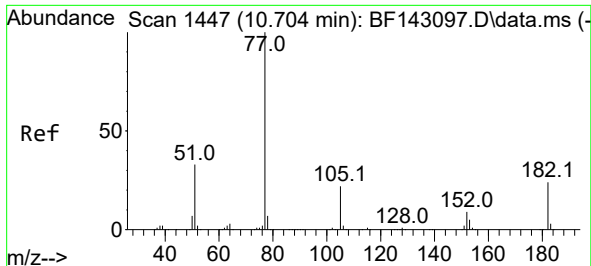
Tgt Ion:204 Resp: 306293
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 58.6 46.8 70.2



#62
4-Nitroaniline
Concen: 43.204 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:138 Resp: 129761
Ion Ratio Lower Upper
138 100
92 49.1 30.4 70.4
108 68.9 49.5 89.5

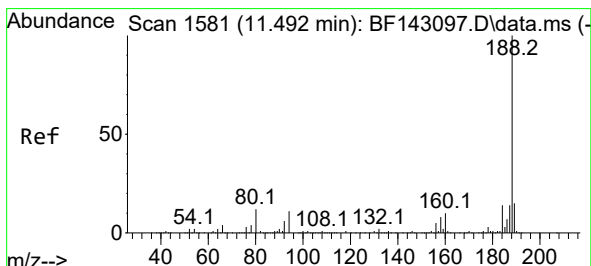
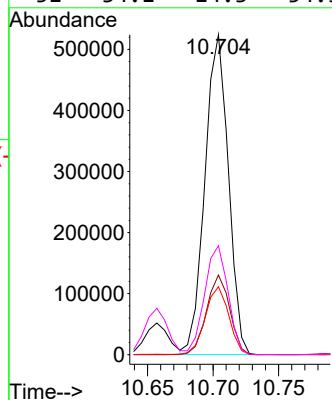
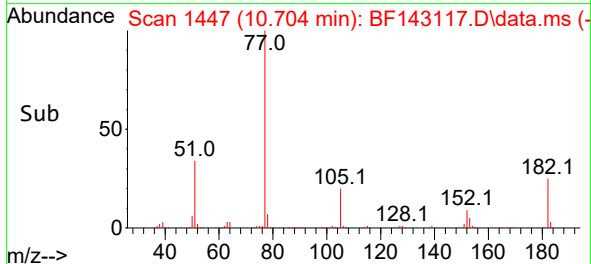
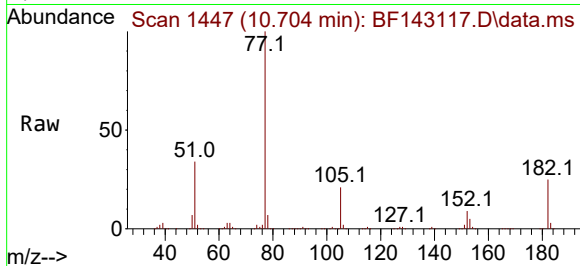




#63
Azobenzene
Concen: 38.265 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

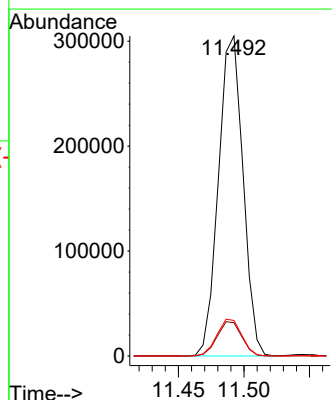
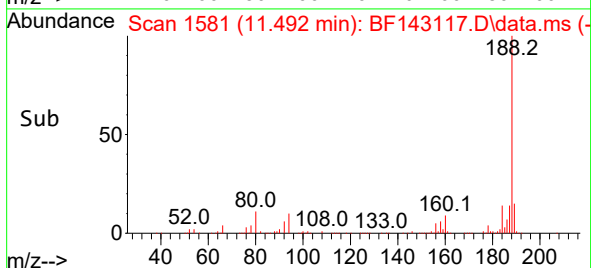
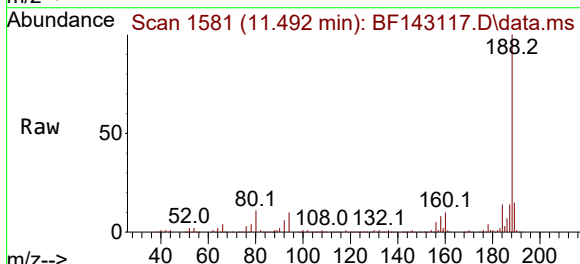
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

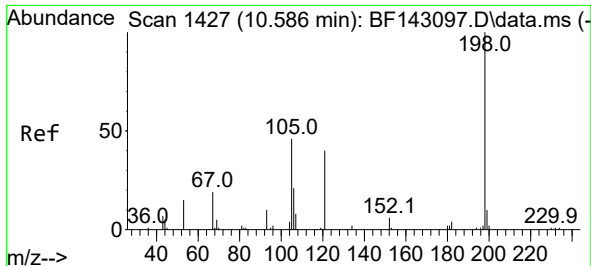
Tgt Ion: 77	Resp: 652575
Ion Ratio	Lower Upper
77 100	
182 24.9	4.0 44.0
105 21.3	1.4 41.4
51 34.1	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:188	Resp: 397173
Ion Ratio	Lower Upper
188 100	
94 10.4	8.6 13.0
80 11.1	9.3 13.9

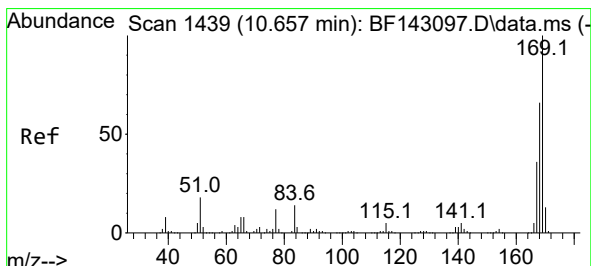
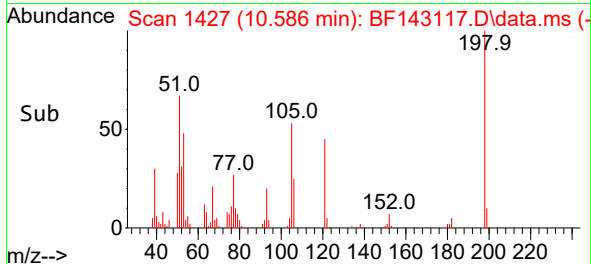
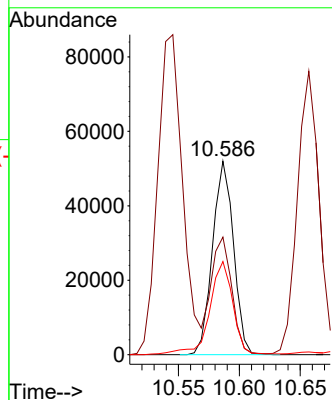
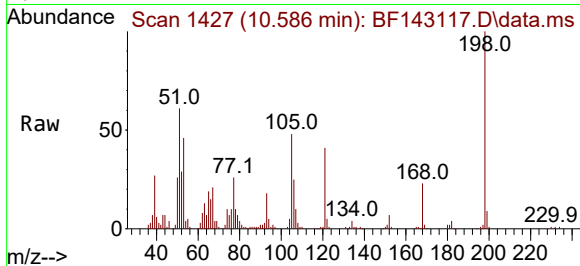




#65
4,6-Dinitro-2-methylphenol
Concen: 43.295 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

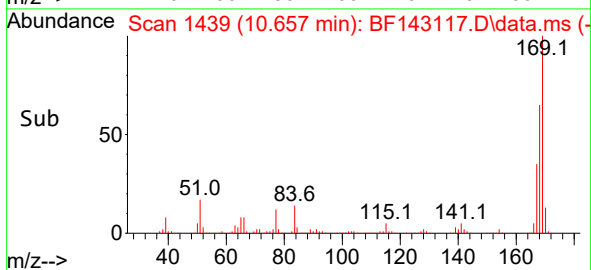
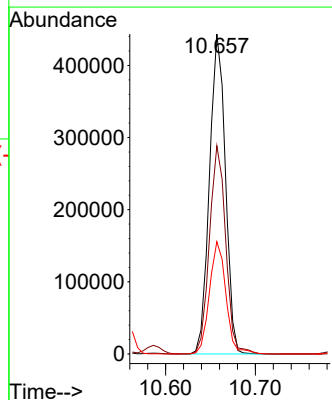
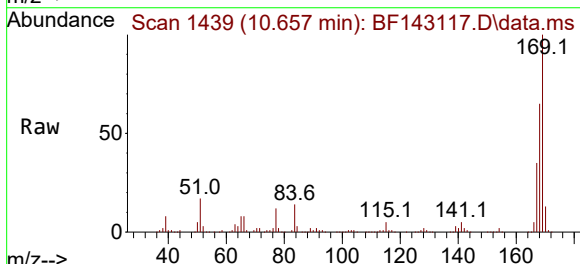
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

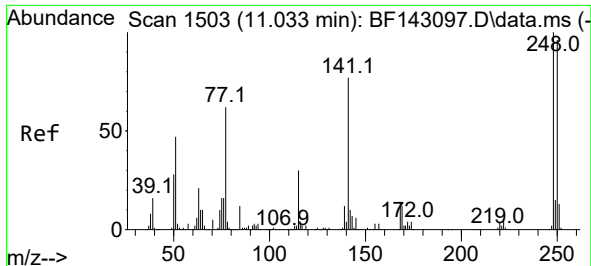
Tgt Ion:198 Resp: 62192
Ion Ratio Lower Upper
198 100
51 60.8 44.6 84.6
105 48.2 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 39.129 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:169 Resp: 545898
Ion Ratio Lower Upper
169 100
168 65.1 53.0 79.6
167 35.1 28.4 42.6

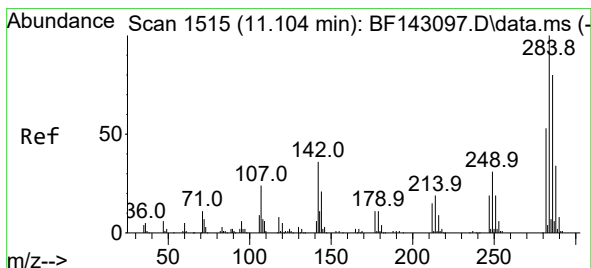
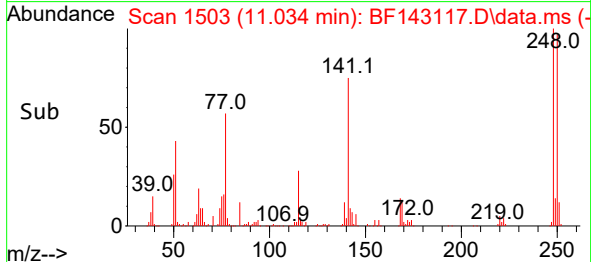
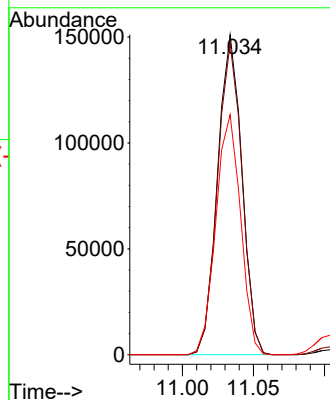
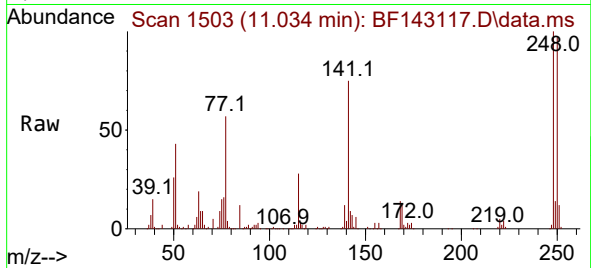




#67
4-Bromophenyl-phenylether
Concen: 39.949 ng
RT: 11.034 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

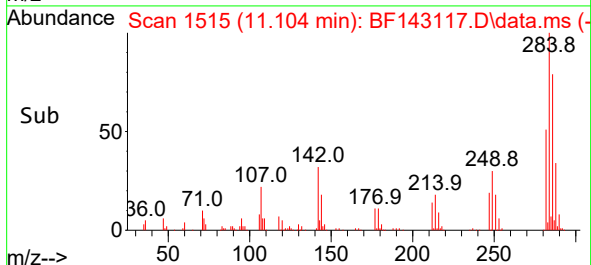
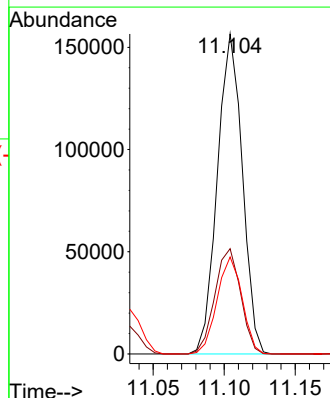
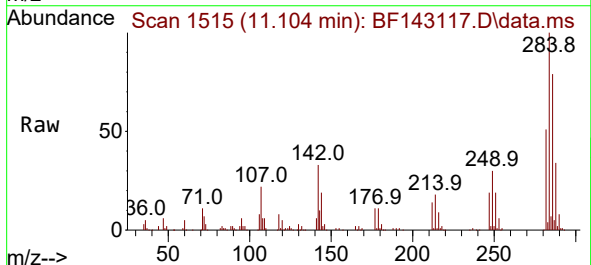
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

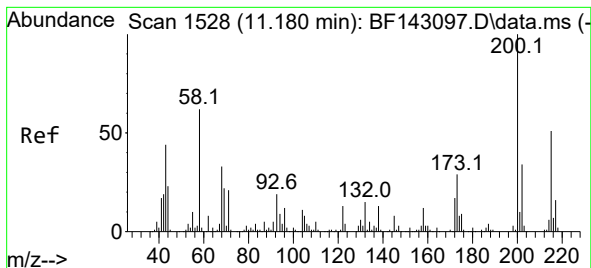
Tgt Ion:248 Resp: 180440
Ion Ratio Lower Upper
248 100
250 97.3 76.7 115.1
141 75.0 61.7 92.5



#68
Hexachlorobenzene
Concen: 39.950 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:284 Resp: 191457
Ion Ratio Lower Upper
284 100
142 32.9 28.9 43.3
249 30.3 24.6 37.0





#69

Atrazine

Concen: 40.708 ng

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

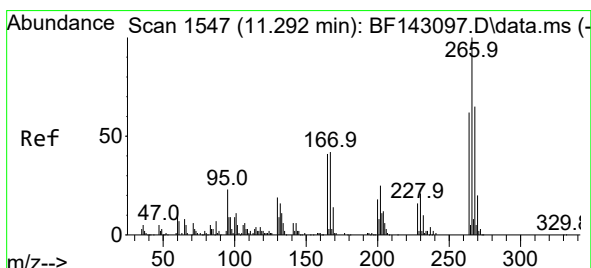
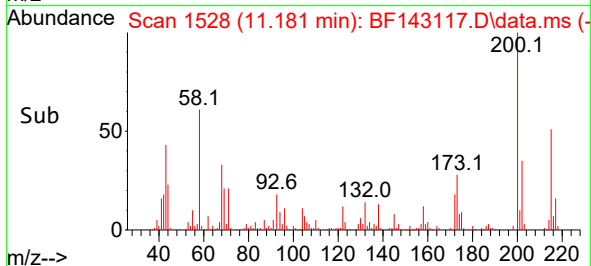
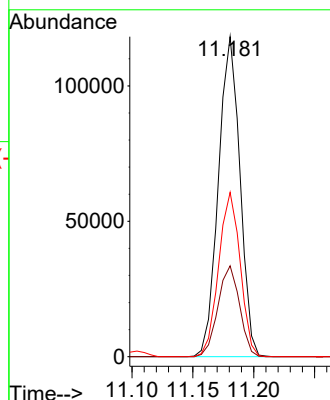
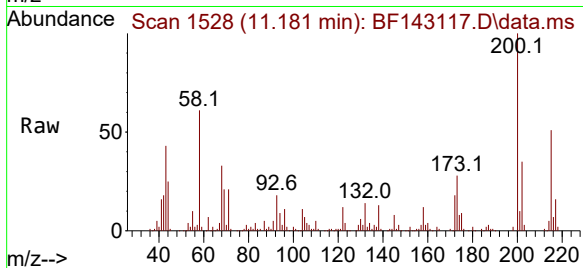
Tgt Ion:200 Resp: 145300

Ion Ratio Lower Upper

200 100

173 28.4 9.1 49.1

215 51.4 31.0 71.0



#70

Pentachlorophenol

Concen: 43.376 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

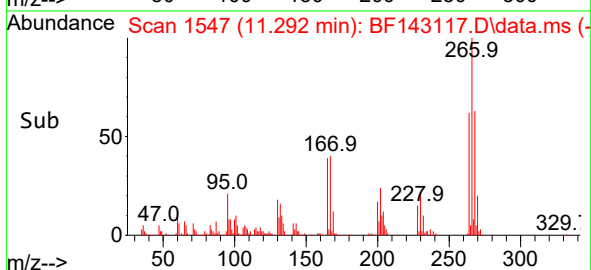
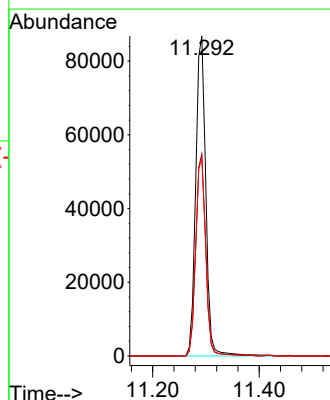
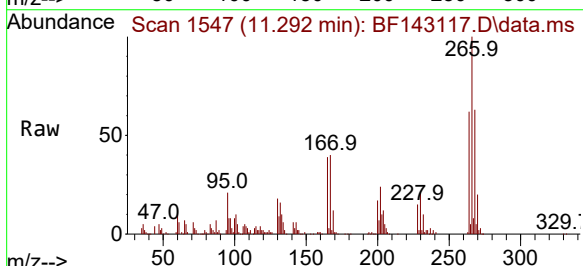
Tgt Ion:266 Resp: 114049

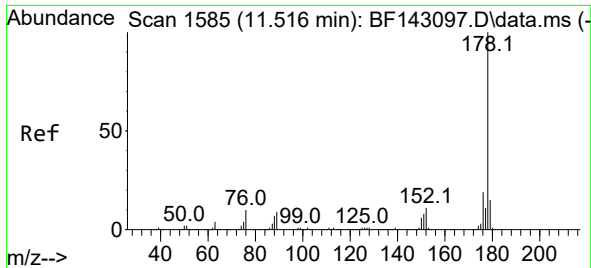
Ion Ratio Lower Upper

266 100

268 63.1 51.8 77.6

264 62.0 49.7 74.5

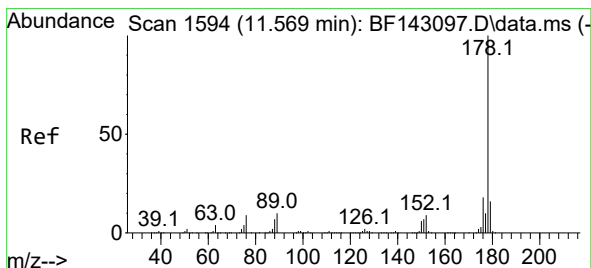
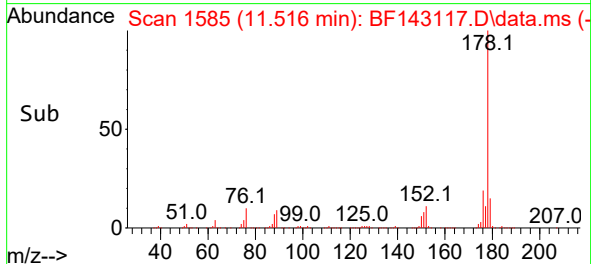
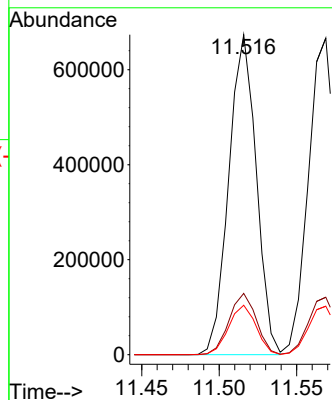
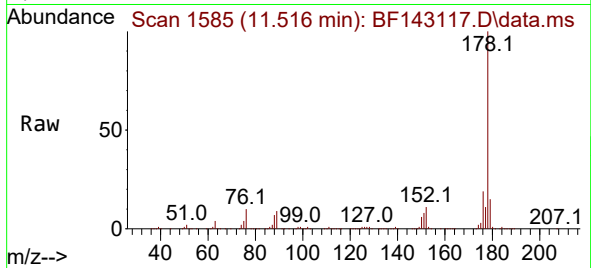




#71
Phenanthrene
Concen: 38.780 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

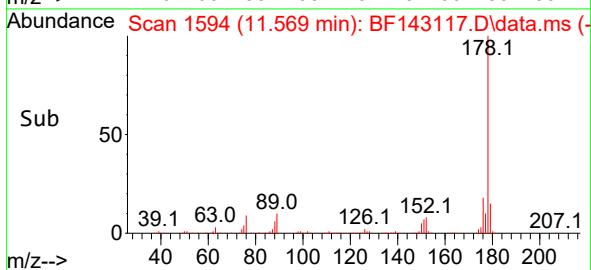
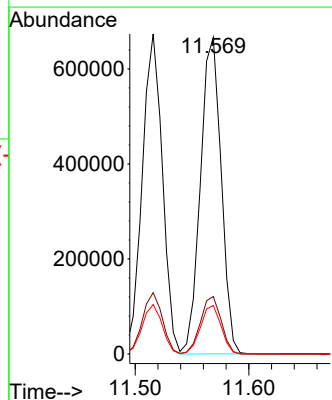
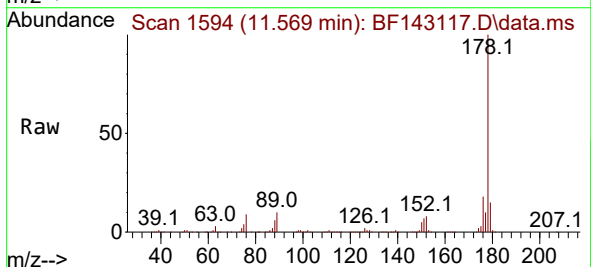
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

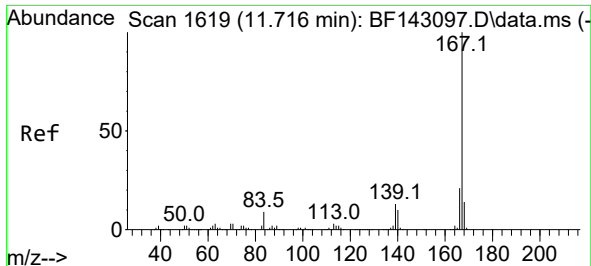
Tgt Ion:178 Resp: 831246
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.2 18.4



#72
Anthracene
Concen: 39.169 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:178 Resp: 844296
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.3 12.4 18.6

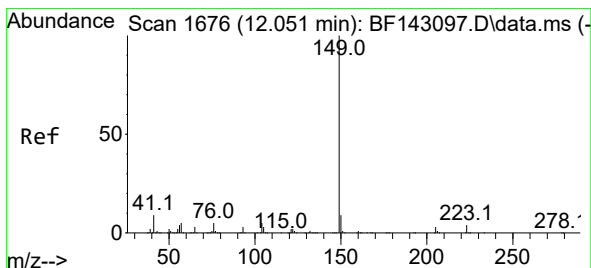
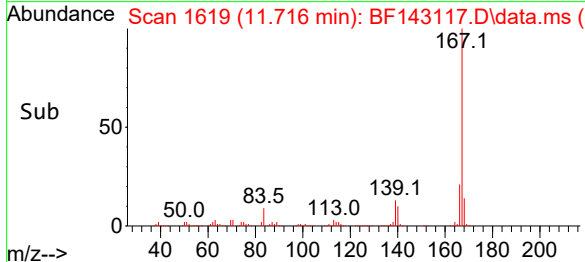
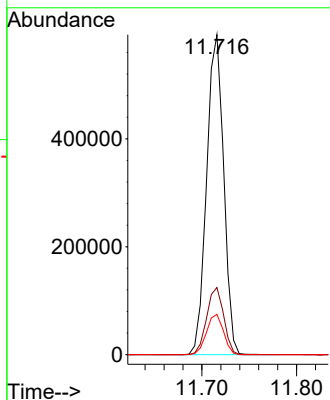
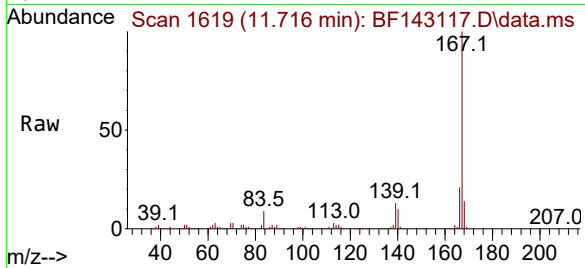




#73
 Carbazole
 Concen: 38.436 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

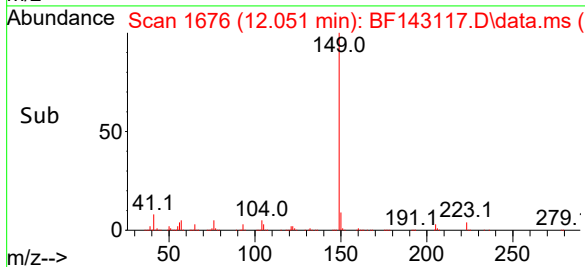
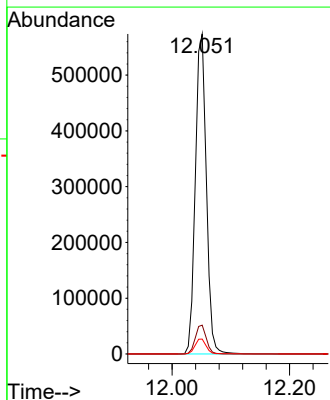
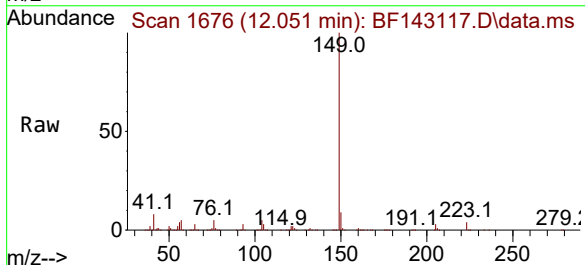
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

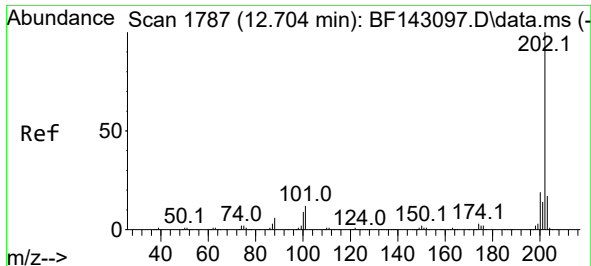
Tgt Ion:167 Resp: 742234
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 41.970 ng
 RT: 12.051 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

Tgt Ion:149 Resp: 743944
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.6 3.8 5.8

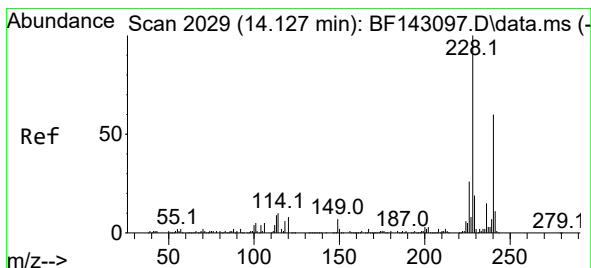
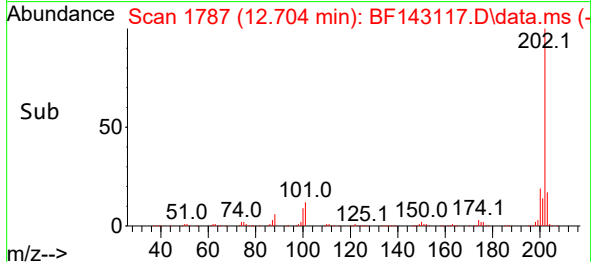
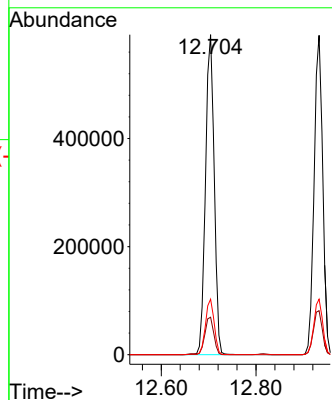
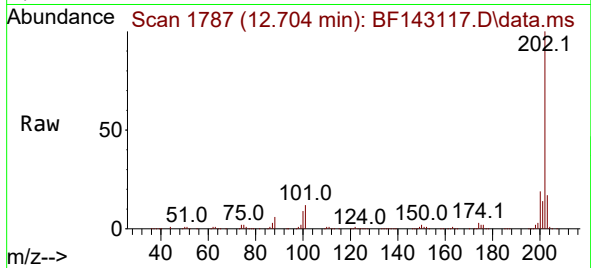




#75
Fluoranthene
Concen: 38.604 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

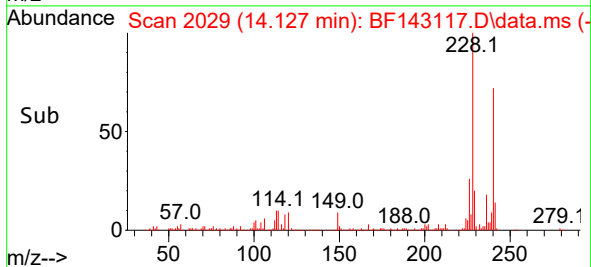
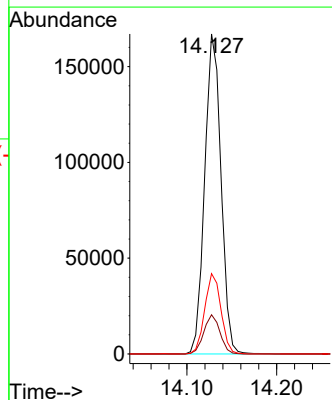
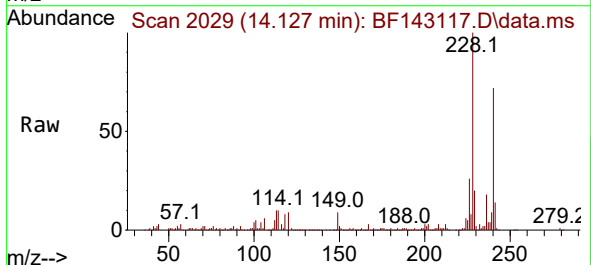
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

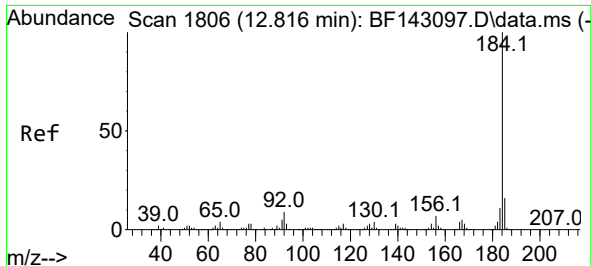
Tgt Ion:202 Resp: 752396
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:240 Resp: 210714
Ion Ratio Lower Upper
240 100
120 12.3 10.0 15.0
236 25.1 20.0 30.0

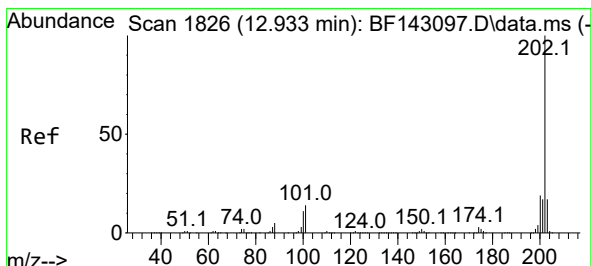
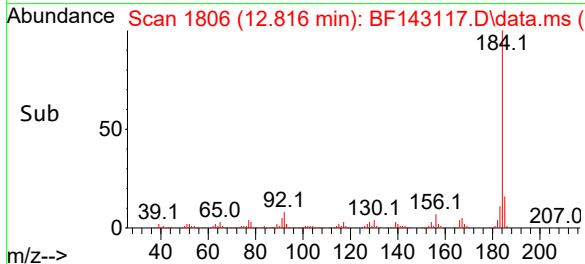
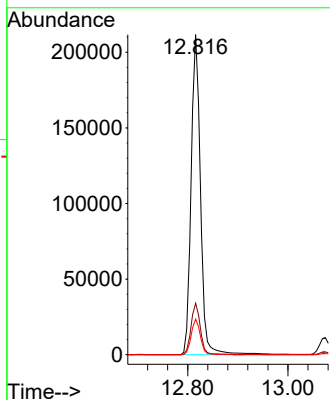
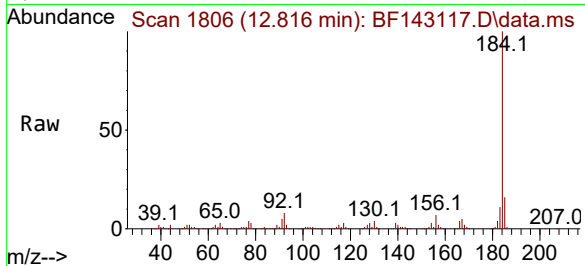




#77
Benzidine
Concen: 38.177 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

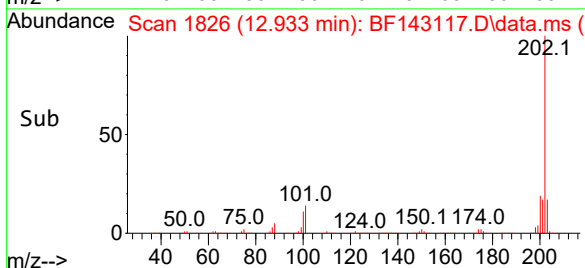
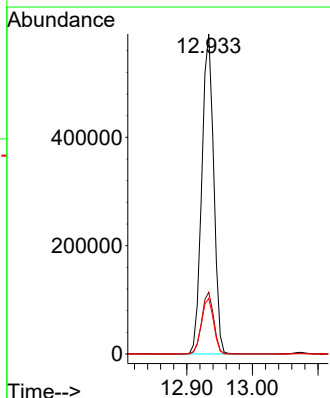
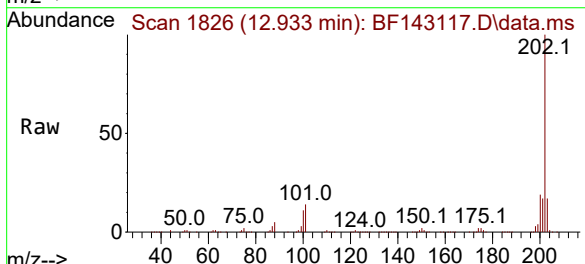
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

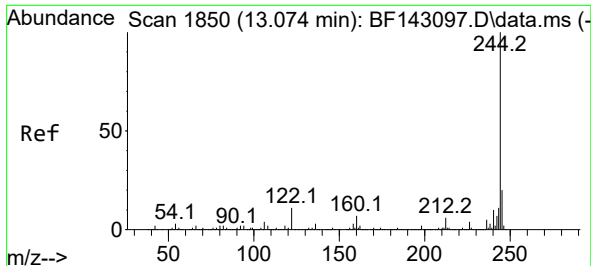
Tgt Ion:184 Resp: 274069
Ion Ratio Lower Upper
184 100
185 16.0 12.4 18.6
183 11.1 8.6 12.8



#78
Pyrene
Concen: 38.214 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:202 Resp: 747120
Ion Ratio Lower Upper
202 100
200 19.3 15.5 23.3
203 17.4 14.0 21.0

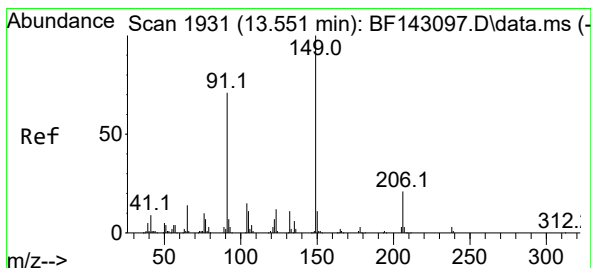
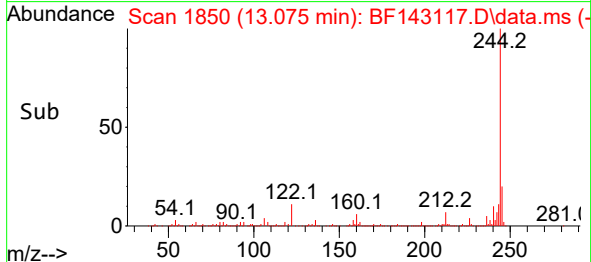
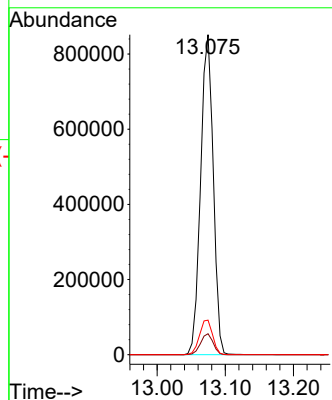
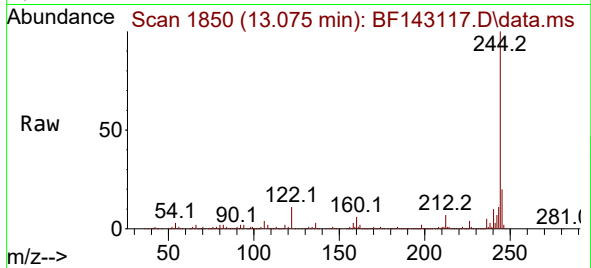




#79
 Terphenyl-d14
 Concen: 76.150 ng
 RT: 13.075 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

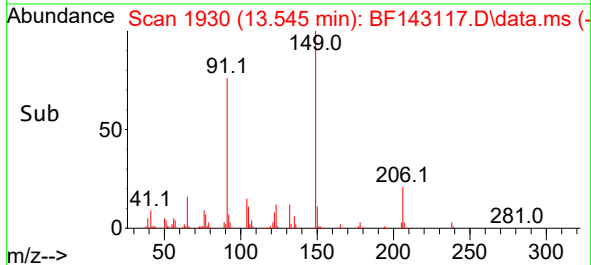
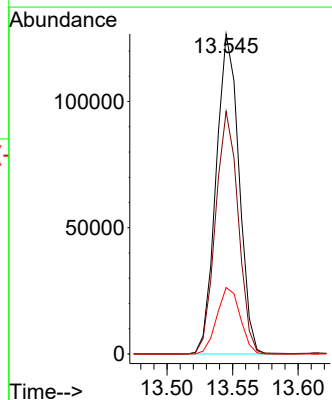
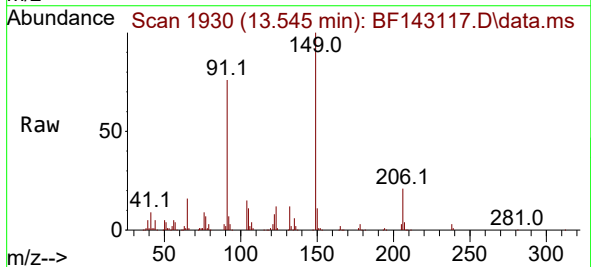
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

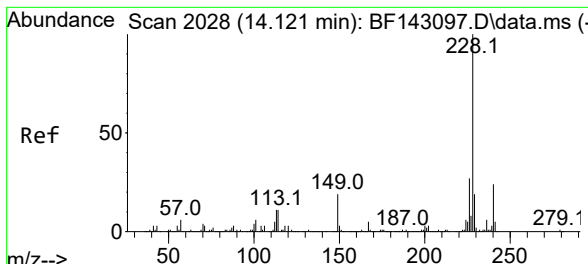
Tgt Ion:244 Resp: 1097674
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 39.754 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

Tgt Ion:149 Resp: 153672
 Ion Ratio Lower Upper
 149 100
 91 75.8 57.0 85.4
 206 20.7 17.2 25.8



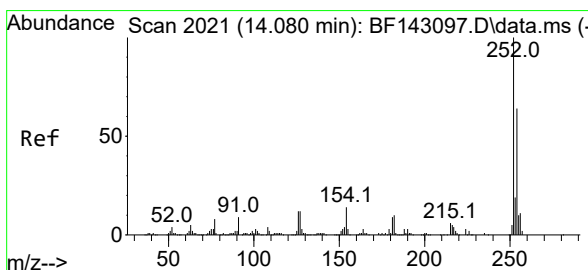
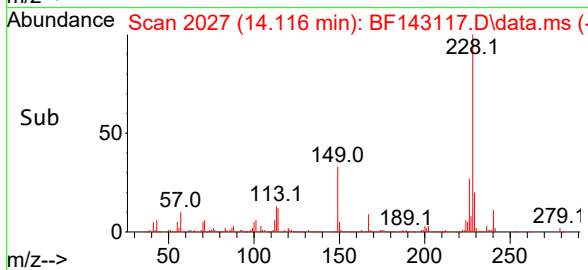
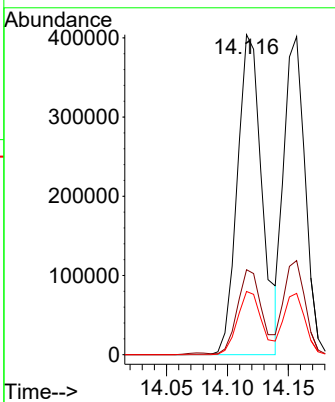
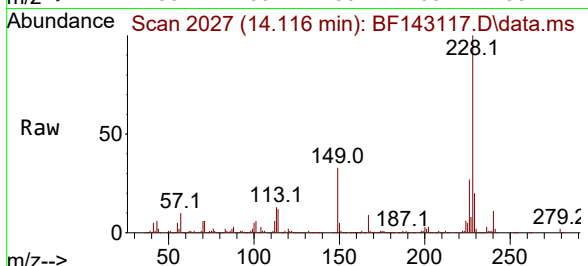


#81
 Benzo(a)anthracene
 Concen: 40.624 ng
 RT: 14.116 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:228 Resp: 570413

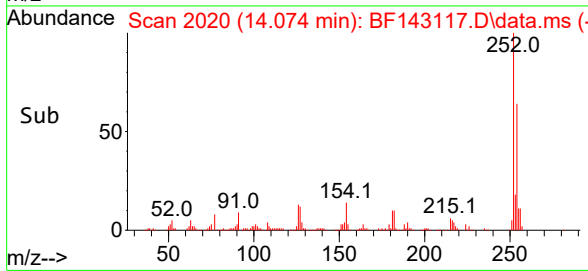
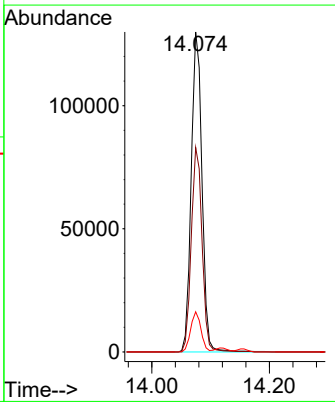
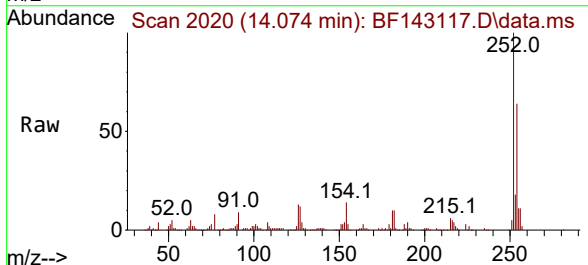
Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.7	15.5	23.3

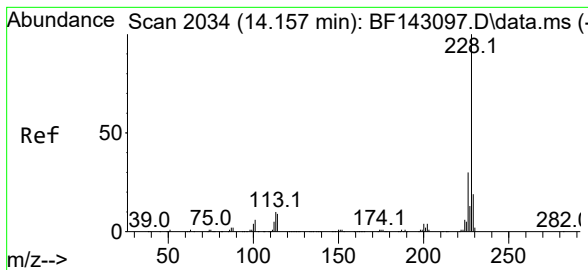


#82
 3,3'-Dichlorobenzidine
 Concen: 40.409 ng
 RT: 14.074 min Scan# 2020
 Delta R.T. -0.006 min
 Lab File: BF143117.D
 Acq: 16 Jul 2025 19:39

Tgt Ion:252 Resp: 164768

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	12.6	9.4	14.0





#83

Chrysene

Concen: 37.657 ng

RT: 14.157 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

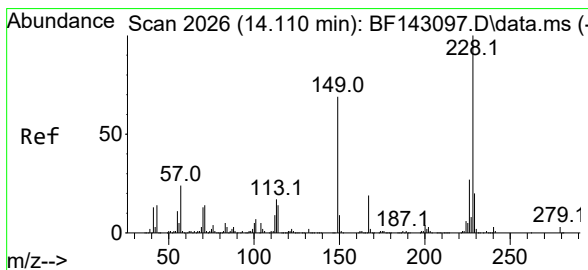
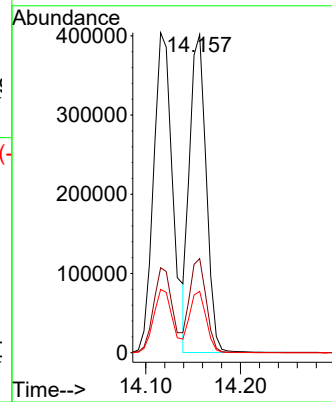
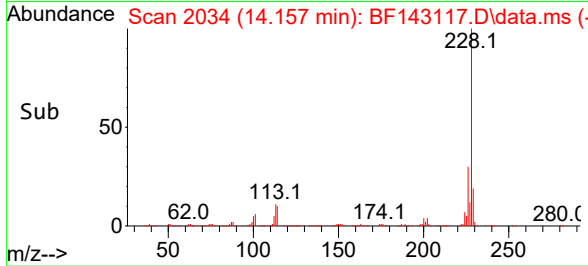
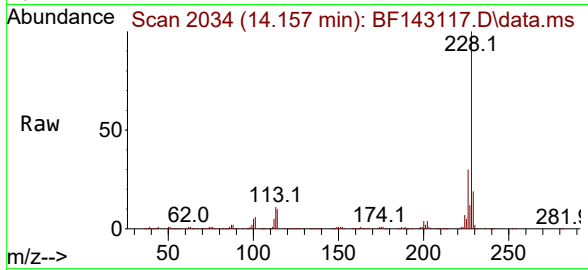
Tgt Ion:228 Resp: 486986

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

229 19.3 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.219 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

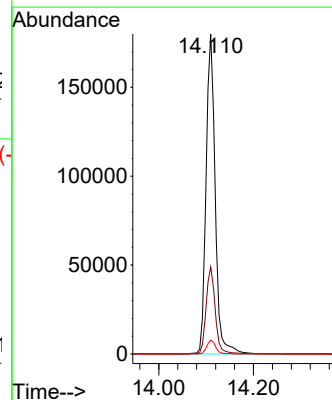
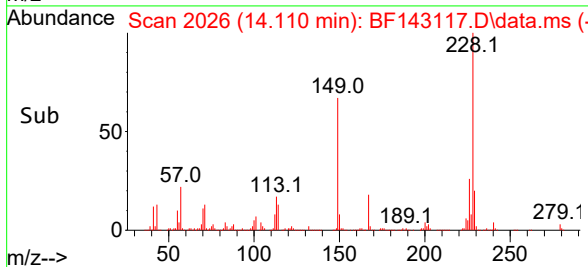
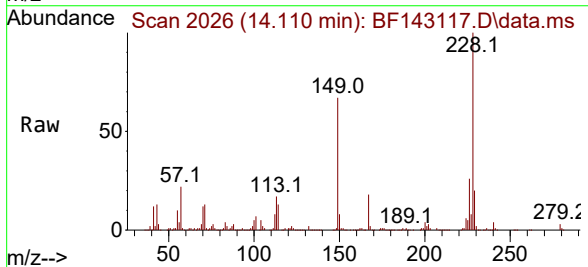
Tgt Ion:149 Resp: 241107

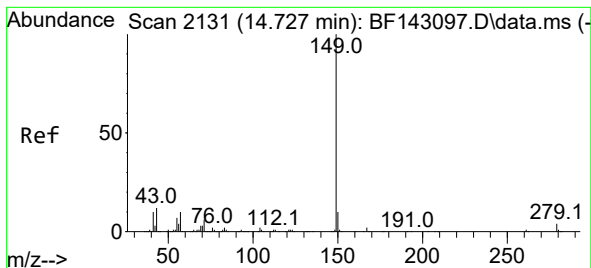
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 4.4 3.4 5.0

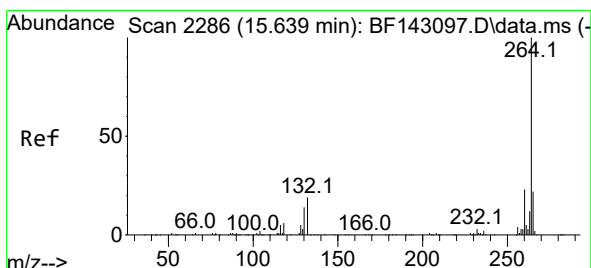
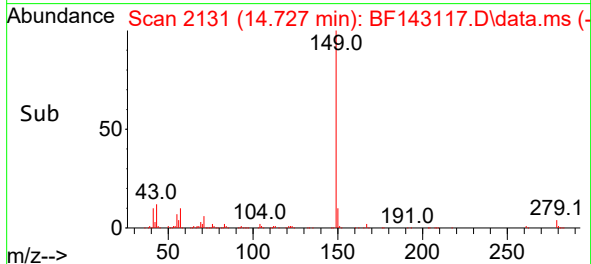
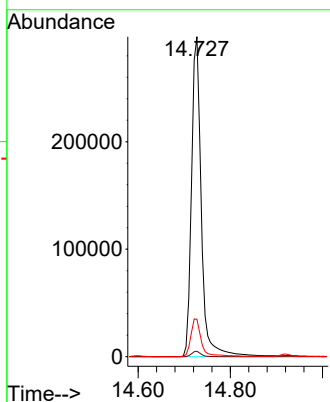
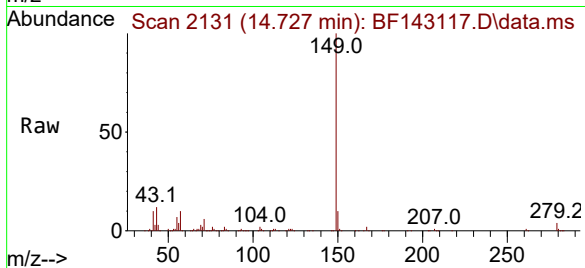




#85
Di-n-octyl phthalate
Concen: 40.440 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

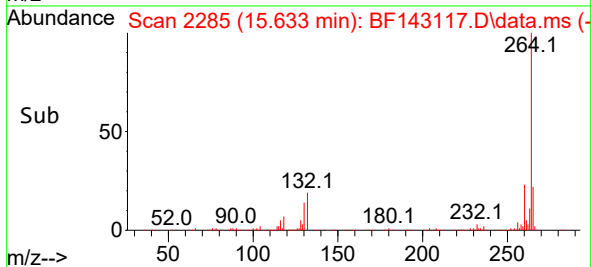
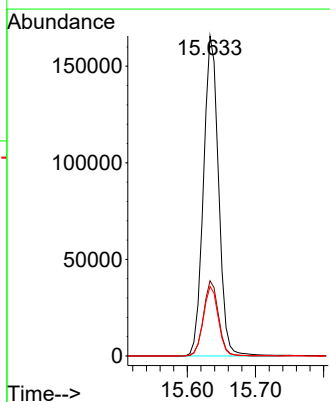
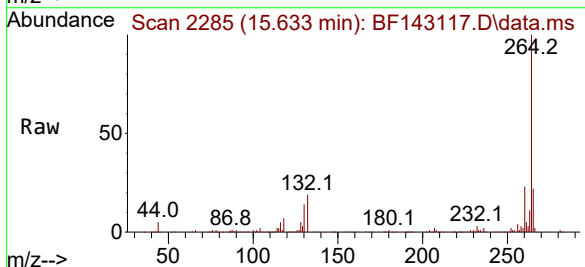
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

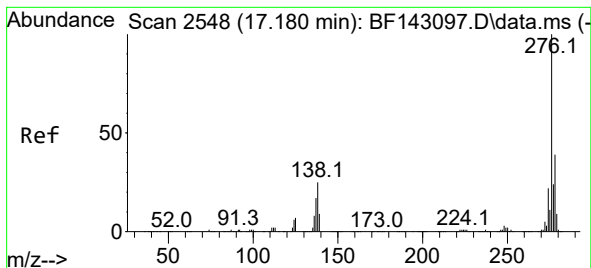
Tgt Ion:149 Resp: 439529
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.1 10.6 16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:264 Resp: 255524
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.122 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

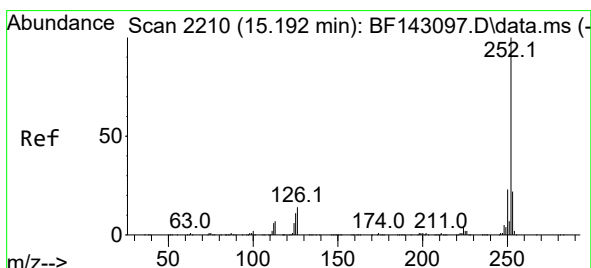
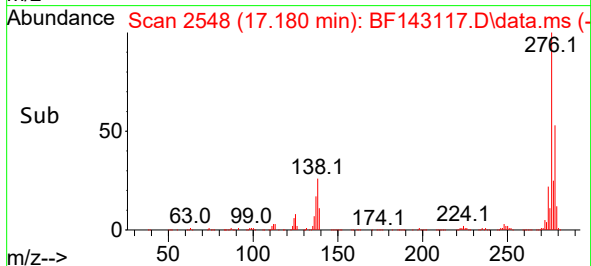
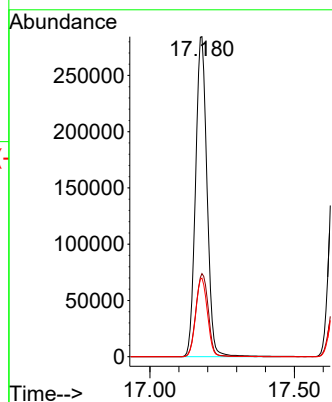
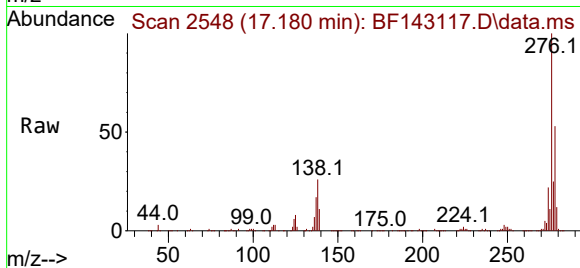
Tgt Ion:276 Resp: 781535

Ion Ratio Lower Upper

276 100

138 27.9 22.6 34.0

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.393 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

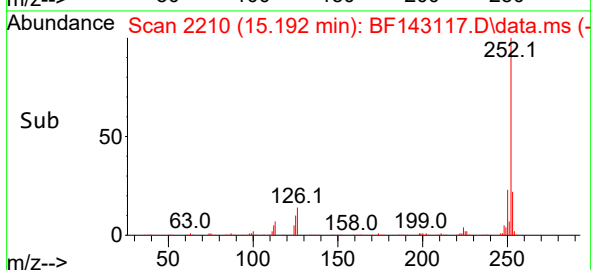
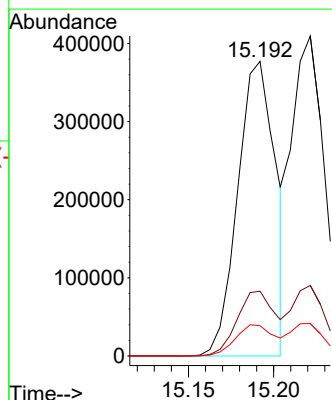
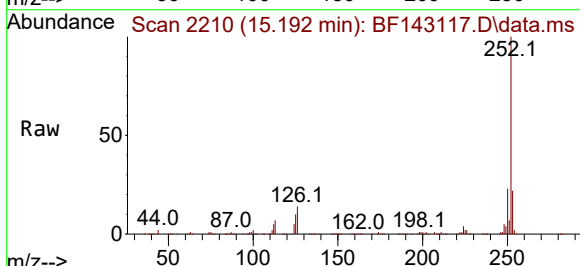
Tgt Ion:252 Resp: 580612

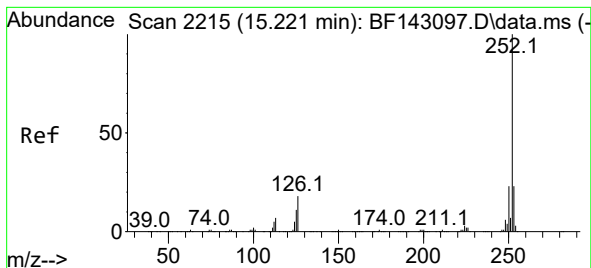
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 39.698 ng

RT: 15.221 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

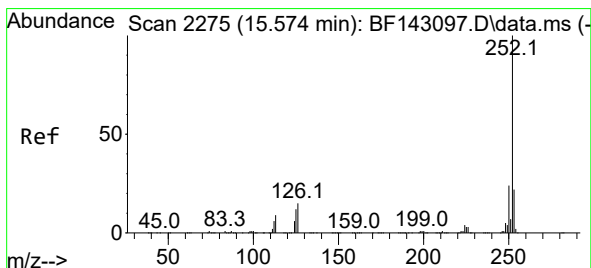
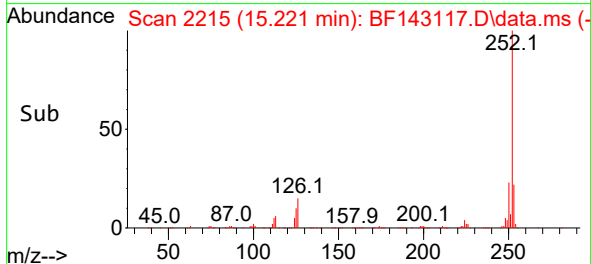
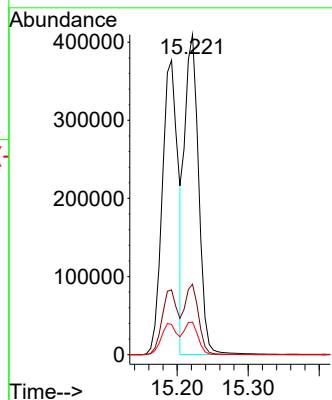
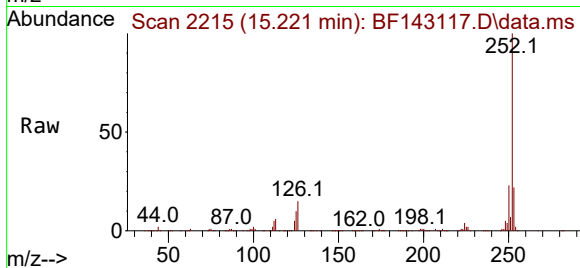
Tgt Ion:252 Resp: 558211

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.2 8.5 12.7



#90

Benzo(a)pyrene

Concen: 40.896 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF143117.D

Acq: 16 Jul 2025 19:39

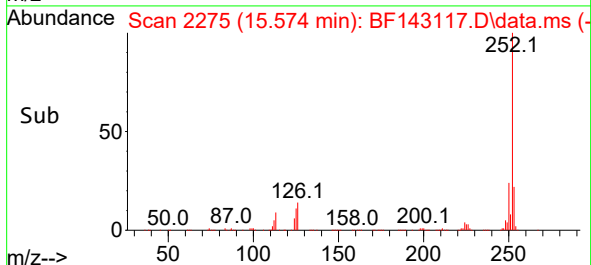
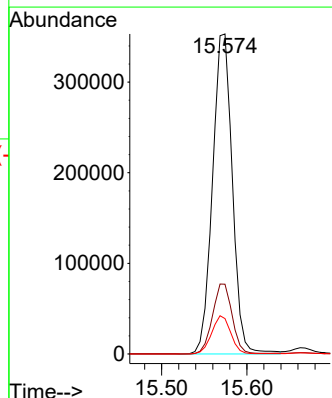
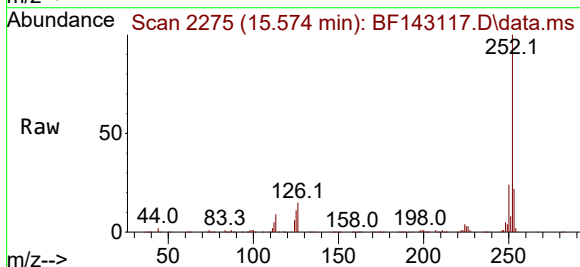
Tgt Ion:252 Resp: 570084

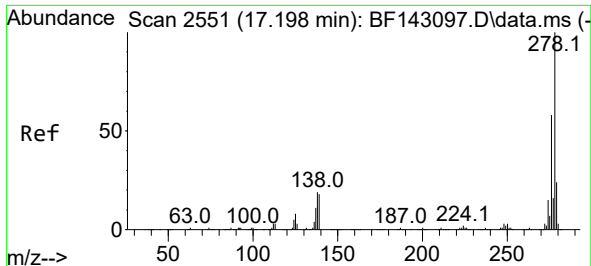
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.0 9.4 14.0

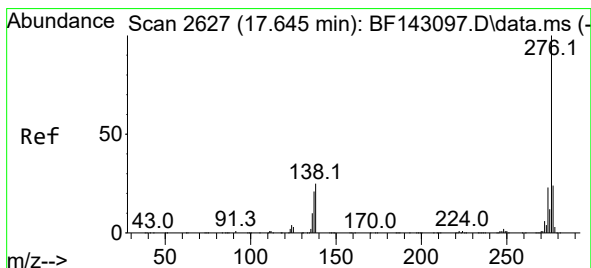
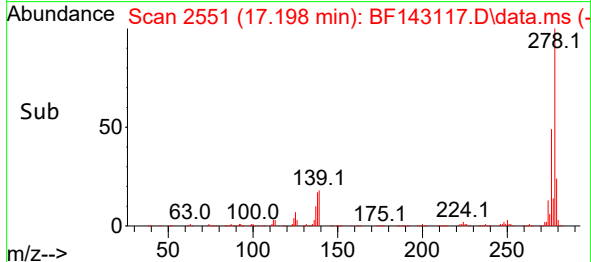
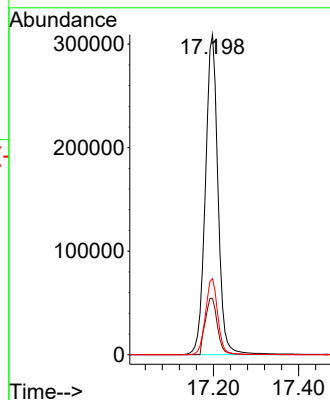
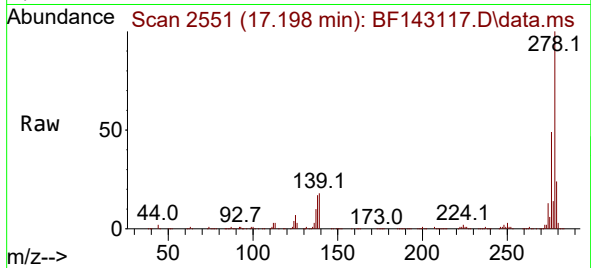




#91
Dibenzo(a,h)anthracene
Concen: 40.895 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 635338
Ion Ratio Lower Upper
278 100
139 17.6 14.6 22.0
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.534 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:276 Resp: 642024
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 24.0 19.8 29.6

