

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
 Data File : BF143159.D
 Acq On : 18 Jul 2025 11:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 18 11:50:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	158986	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	609943	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	308568	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	484154	20.000	ng	0.00
76) Chrysene-d12	14.121	240	288972	20.000	ng	0.00
86) Perylene-d12	15.621	264	331263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	778233	77.461	ng	0.00
7) Phenol-d6	6.581	99	991026	78.369	ng	0.00
23) Nitrobenzene-d5	7.522	82	1001726	81.865	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	244627	76.741	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1694866	75.119	ng	0.00
79) Terphenyl-d14	13.063	244	1409765	72.598	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	189776	39.920	ng	99
3) Pyridine	3.575	79	493326	39.981	ng	97
4) n-Nitrosodimethylamine	3.522	42	251829	39.530	ng	98
6) Aniline	6.622	93	694602	39.412	ng	100
8) 2-Chlorophenol	6.745	128	415970	39.499	ng	99
9) Benzaldehyde	6.510	77	418013	44.083	ng	97
10) Phenol	6.598	94	544726m	39.541	ng	
11) bis(2-Chloroethyl)ether	6.692	93	419746	39.794	ng	100
12) 1,3-Dichlorobenzene	6.904	146	447626	39.128	ng	100
13) 1,4-Dichlorobenzene	6.981	146	449558	39.021	ng	100
14) 1,2-Dichlorobenzene	7.134	146	432823	39.500	ng	98
15) Benzyl Alcohol	7.098	79	379636	39.318	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	779314	39.828	ng	100
17) 2-Methylphenol	7.204	107	346501	39.132	ng	99
18) Hexachloroethane	7.481	117	158665	39.782	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	313487	38.640	ng	99
20) 3+4-Methylphenols	7.357	107	429153	39.947	ng	97
22) Acetophenone	7.369	105	556574	38.543	ng	98
24) Nitrobenzene	7.539	77	459039	40.238	ng	98
25) Isophorone	7.781	82	846892	39.206	ng	99
26) 2-Nitrophenol	7.857	139	203329	41.068	ng	100
27) 2,4-Dimethylphenol	7.887	122	393950	39.035	ng	100
28) bis(2-Chloroethoxy)met...	7.987	93	504354	38.942	ng	99
29) 2,4-Dichlorophenol	8.092	162	333406	39.173	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	360548	39.212	ng	99
31) Naphthalene	8.269	128	1162476	38.699	ng	100
32) Benzoic acid	7.987	122	207123	37.681	ng	96
33) 4-Chloroaniline	8.304	127	472144	38.494	ng	99
34) Hexachlorobutadiene	8.386	225	221836	39.494	ng	99
35) Caprolactam	8.675	113	102297	39.775	ng	97
36) 4-Chloro-3-methylphenol	8.781	107	361586	39.087	ng	99
37) 2-Methylnaphthalene	8.957	142	701400	38.372	ng	100
38) 1-Methylnaphthalene	9.057	142	727247	38.636	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	347715	39.031	ng	99
41) Hexachlorocyclopentadiene	9.116	237	232191	40.056	ng	98
43) 2,4,6-Trichlorophenol	9.228	196	238377	38.663	ng	99

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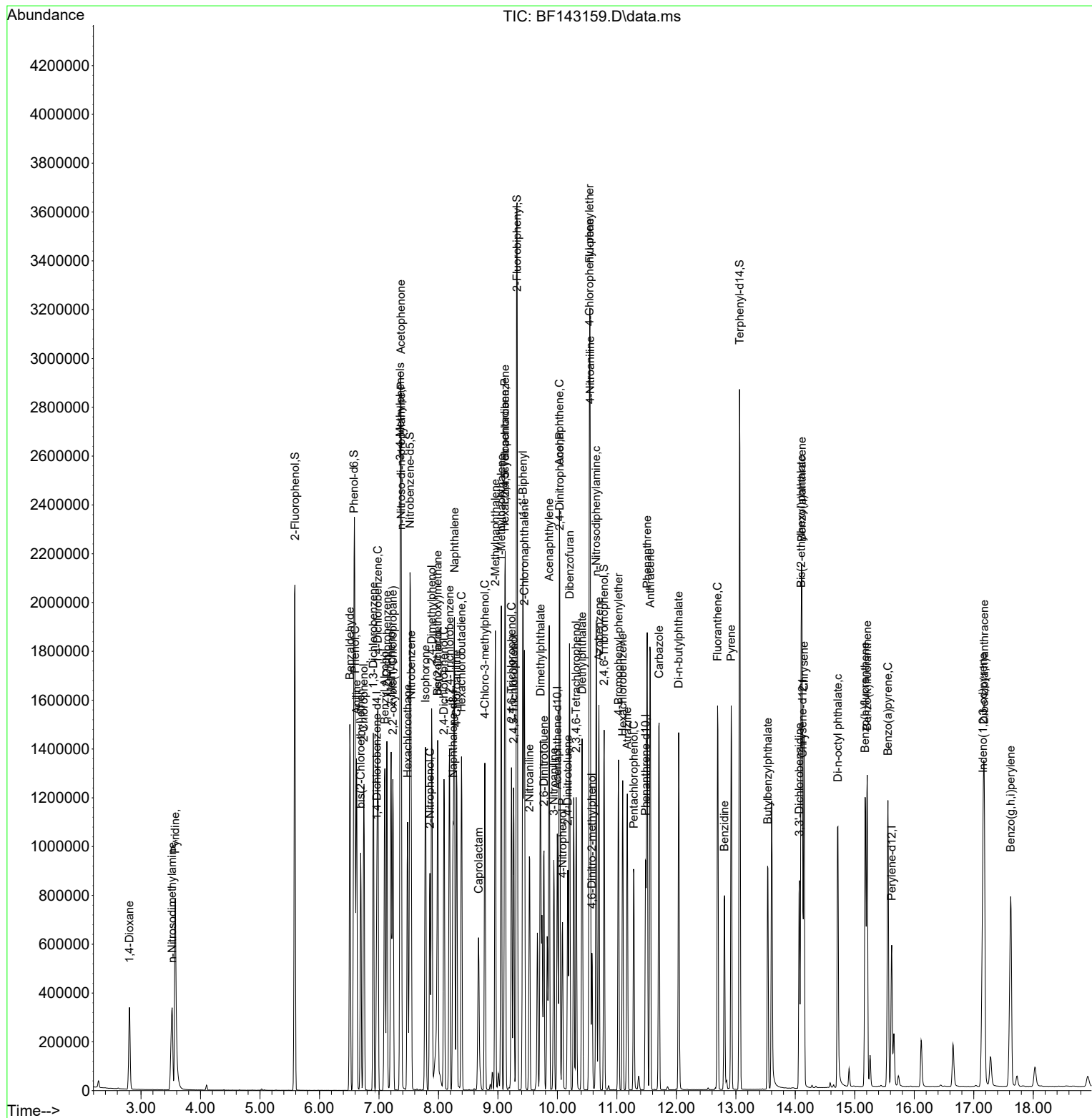
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	245550	39.814	ng	98
46) 1,1'-Biphenyl	9.422	154	922458	38.317	ng	99
47) 2-Chloronaphthalene	9.445	162	693644	38.940	ng	100
48) 2-Nitroaniline	9.528	65	228667	40.934	ng	97
49) Acenaphthylene	9.863	152	1148448	38.471	ng	100
50) Dimethylphthalate	9.716	163	773127	38.438	ng	100
51) 2,6-Dinitrotoluene	9.775	165	166618	40.722	ng	99
52) Acenaphthene	10.033	154	673791	38.188	ng	99
53) 3-Nitroaniline	9.939	138	188626	39.413	ng	99
54) 2,4-Dinitrophenol	10.039	184	62679	37.648	ng	# 1
55) Dibenzofuran	10.204	168	1006197	38.410	ng	100
56) 4-Nitrophenol	10.086	139	136499	38.194	ng	100
57) 2,4-Dinitrotoluene	10.175	165	206647	40.255	ng	97
58) Fluorene	10.545	166	742445	37.763	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	200053	39.158	ng	100
60) Diethylphthalate	10.416	149	772963	38.881	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	368853	37.677	ng	100
62) 4-Nitroaniline	10.551	138	160962	39.243	ng	99
63) Azobenzene	10.698	77	801032	38.661	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	94155	38.326	ng	95
66) n-Nitrosodiphenylamine	10.651	169	664562	38.980	ng	100
67) 4-Bromophenyl-phenylether	11.028	248	228802	39.655	ng	98
68) Hexachlorobenzene	11.098	284	235254	39.010	ng	99
69) Atrazine	11.175	200	188190	40.039	ng	100
70) Pentachlorophenol	11.286	266	145757	41.098	ng	98
71) Phenanthrene	11.510	178	975972	37.965	ng	100
72) Anthracene	11.563	178	1010485	38.541	ng	100
73) Carbazole	11.710	167	882163	38.533	ng	100
74) Di-n-butylphthalate	12.039	149	1019612	39.361	ng	100
75) Fluoranthene	12.692	202	915546	38.801	ng	99
77) Benzidine	12.810	184	438982	39.430	ng	99
78) Pyrene	12.921	202	902645	36.600	ng	100
80) Butylbenzylphthalate	13.539	149	297533	39.398	ng	97
81) Benzo(a)anthracene	14.110	228	740974	38.300	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	252484	39.157	ng	99
83) Chrysene	14.145	228	685795	39.426	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	456161	39.907	ng	100
85) Di-n-octyl phthalate	14.715	149	798316	38.530	ng	99
87) Indeno(1,2,3-cd)pyrene	17.157	276	924864	39.594	ng	99
88) Benzo(b)fluoranthene	15.174	252	774544	38.273	ng	98
89) Benzo(k)fluoranthene	15.210	252	710438	39.341	ng	100
90) Benzo(a)pyrene	15.557	252	733915	39.362	ng	100
91) Dibenzo(a,h)anthracene	17.174	278	758585	39.900	ng	100
92) Benzo(g,h,i)perylene	17.621	276	736996	40.073	ng	100

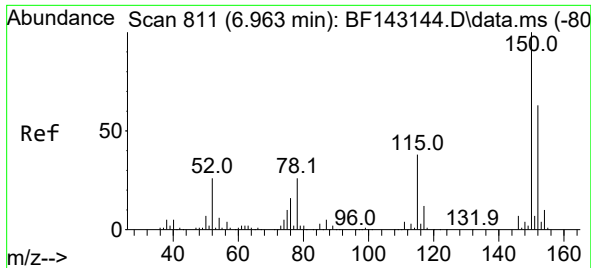
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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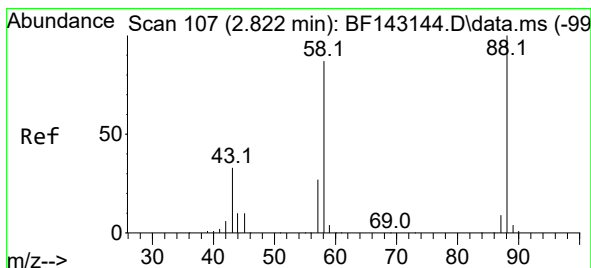
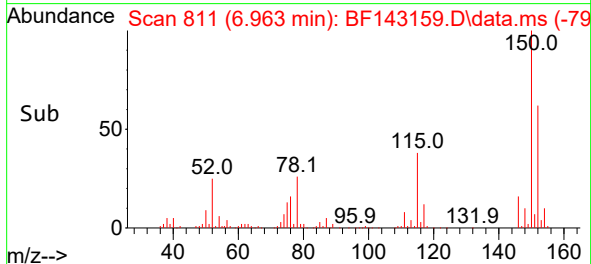
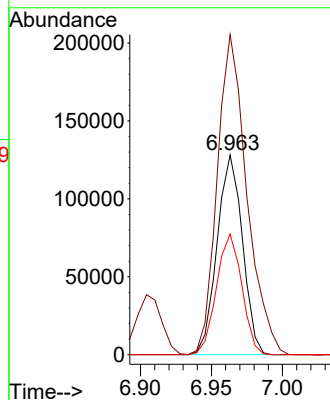
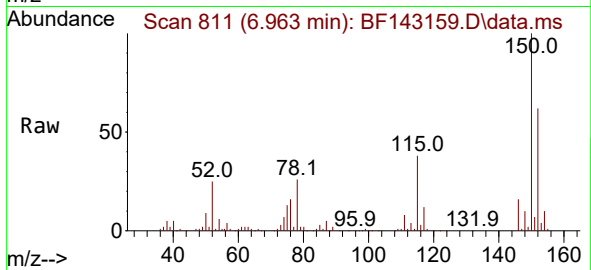




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143159.D
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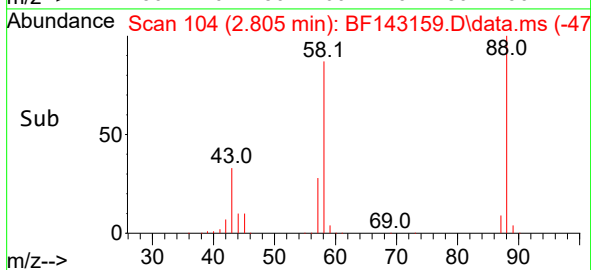
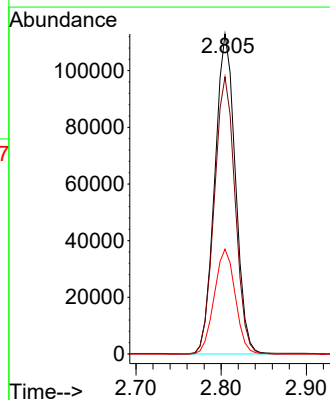
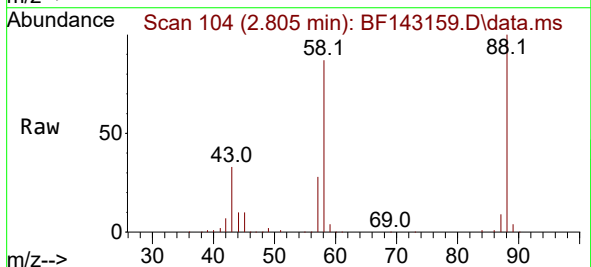
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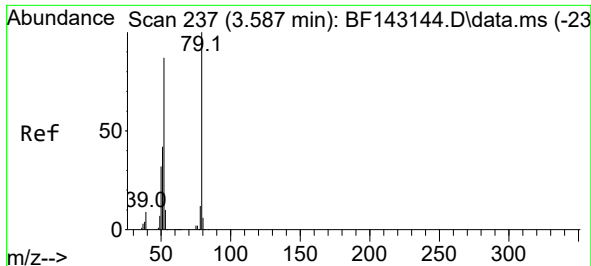
Tgt Ion:152 Resp: 158986
Ion Ratio Lower Upper
152 100
150 160.2 128.2 192.4
115 60.4 47.9 71.9



#2
1,4-Dioxane
Concen: 39.920 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion: 88 Resp: 189776
Ion Ratio Lower Upper
88 100
58 87.4 70.2 105.2
43 33.3 27.1 40.7

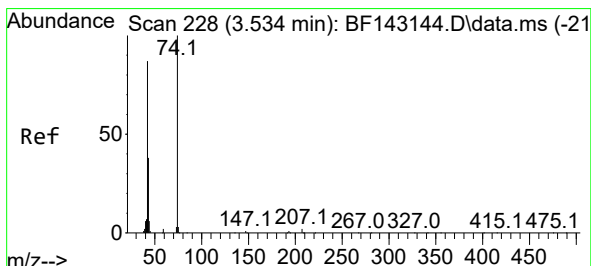
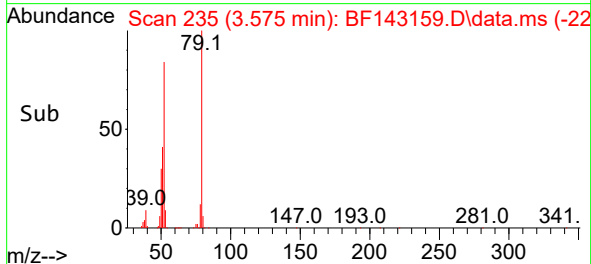
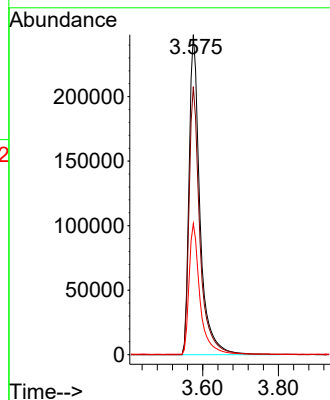
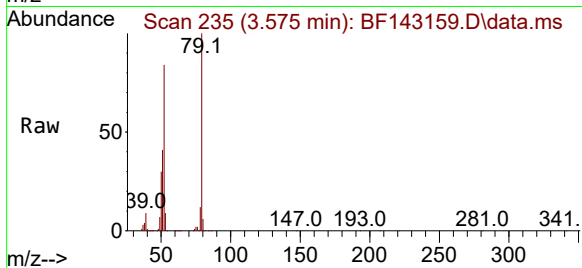




#3
 Pyridine
 Concen: 39.981 ng
 RT: 3.575 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143159.D
 Acq: 18 Jul 2025 11:24

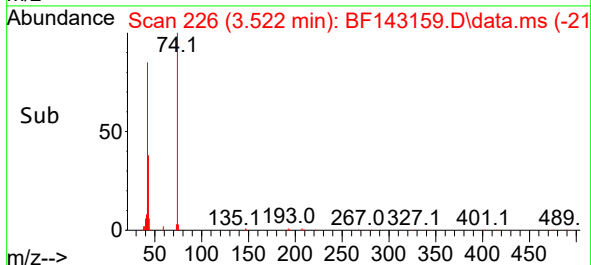
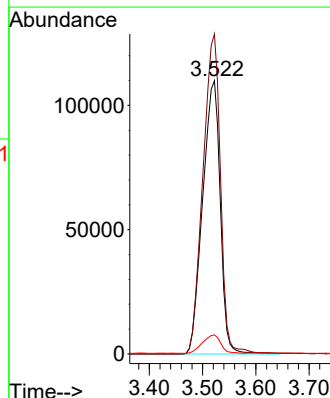
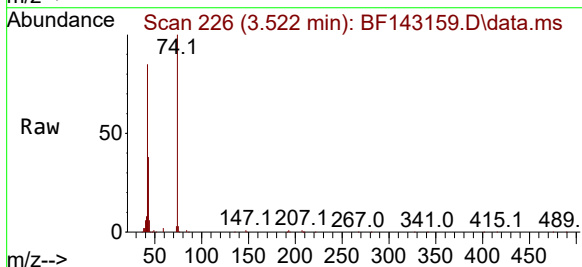
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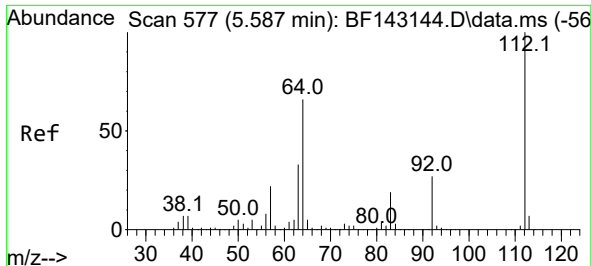
Tgt Ion: 79 Resp: 493326
 Ion Ratio Lower Upper
 79 100
 52 83.8 69.4 104.2
 51 40.9 33.5 50.3



#4
 n-Nitrosodimethylamine
 Concen: 39.530 ng
 RT: 3.522 min Scan# 226
 Delta R.T. -0.012 min
 Lab File: BF143159.D
 Acq: 18 Jul 2025 11:24

Tgt Ion: 42 Resp: 251829
 Ion Ratio Lower Upper
 42 100
 74 117.1 91.7 137.5
 44 7.0 5.6 8.4

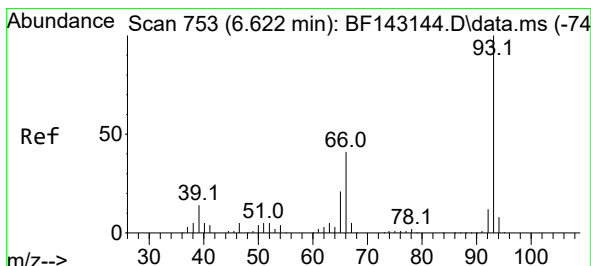
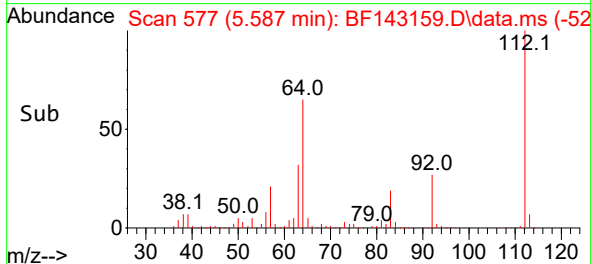
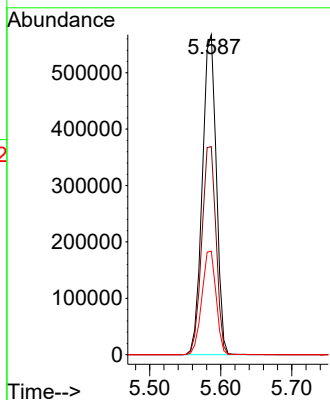
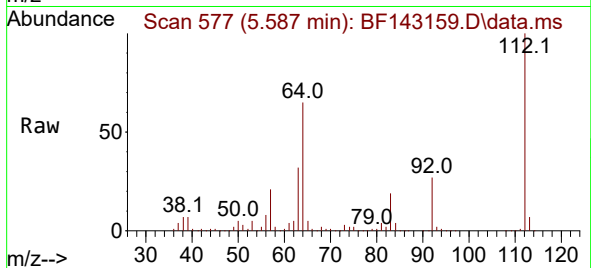




#5
2-Fluorophenol
Concen: 77.461 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143159.D
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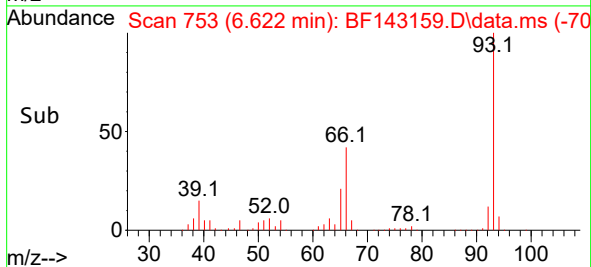
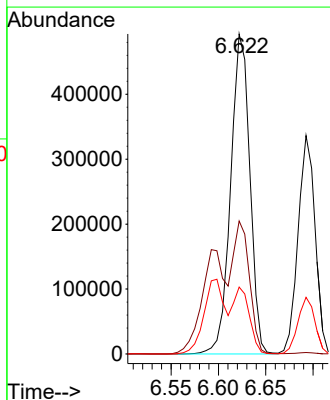
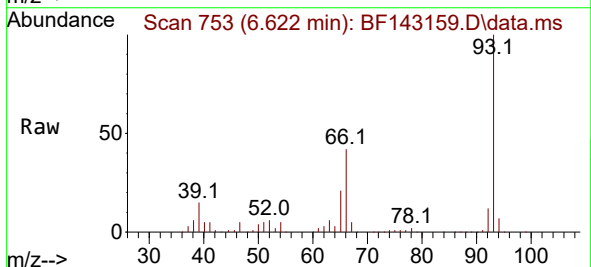
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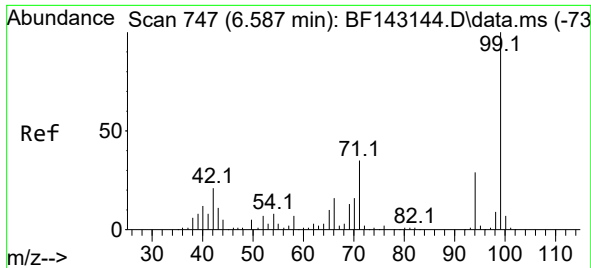
Tgt Ion:112 Resp: 778233
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 32.4 26.6 40.0



#6
Aniline
Concen: 39.412 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion: 93 Resp: 694602
Ion Ratio Lower Upper
93 100
66 41.6 33.2 49.8
65 20.9 16.9 25.3

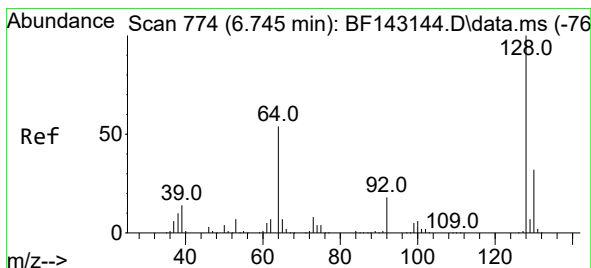
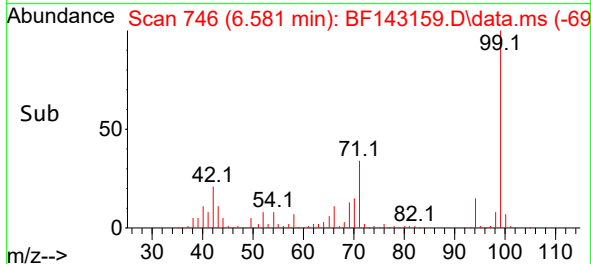
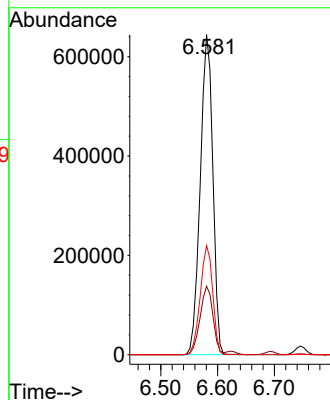
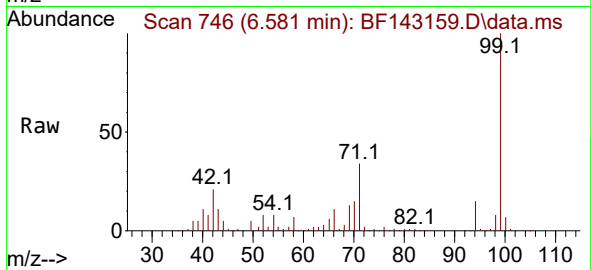




#7
Phenol-d6
Concen: 78.369 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

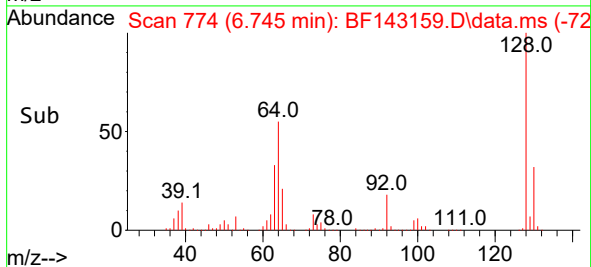
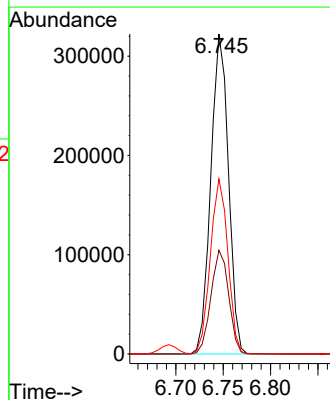
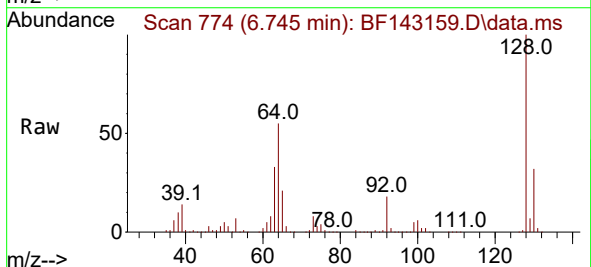
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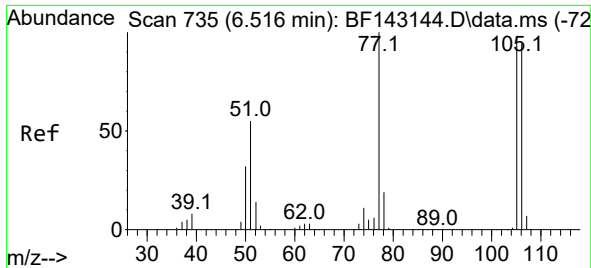
Tgt Ion: 99 Resp: 991026
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 34.1 27.7 41.5



#8
2-Chlorophenol
Concen: 39.499 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:128 Resp: 415970
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 54.7 35.9 75.9

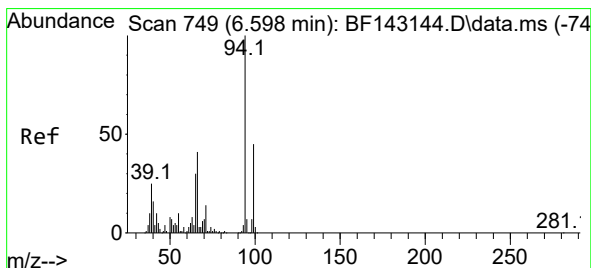
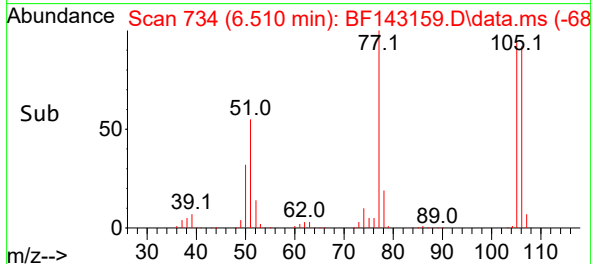
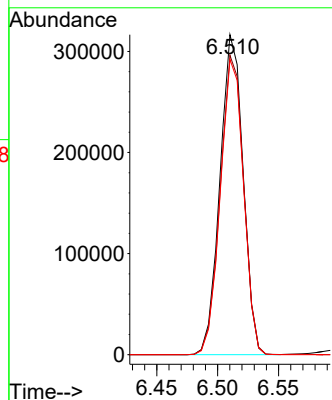
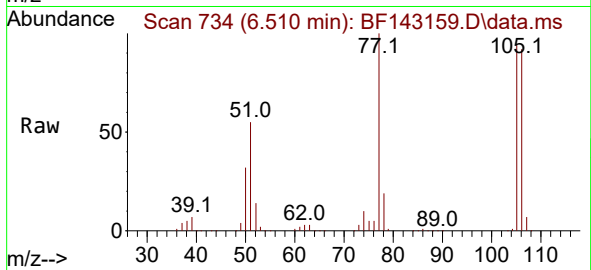




#9
Benzaldehyde
Concen: 44.083 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
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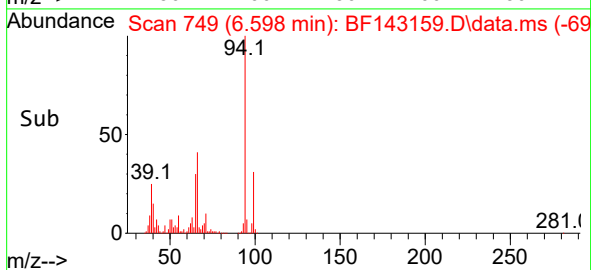
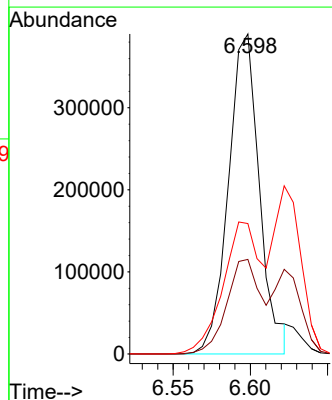
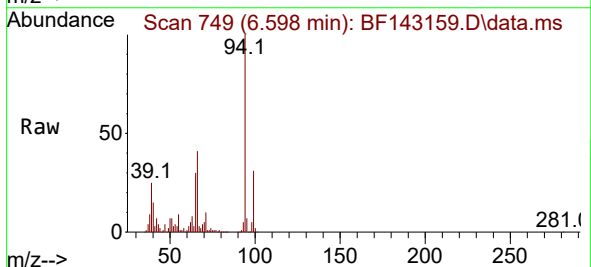
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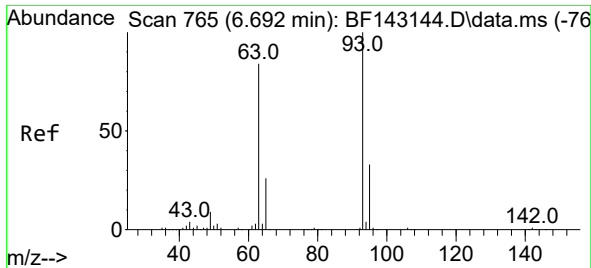
Tgt Ion: 77 Resp: 418013
Ion Ratio Lower Upper
77 100
105 93.6 76.8 116.8
106 92.3 74.4 114.4



#10
Phenol
Concen: 39.541 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 544726
Ion Ratio Lower Upper
94 100
65 29.5 10.0 50.0
66 40.8 20.8 60.8

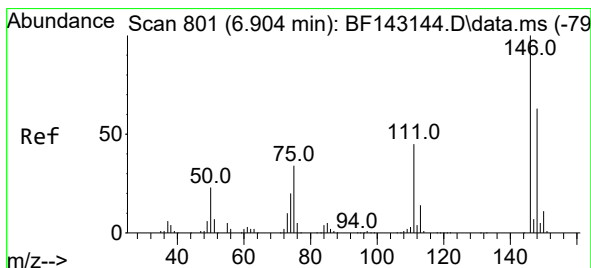
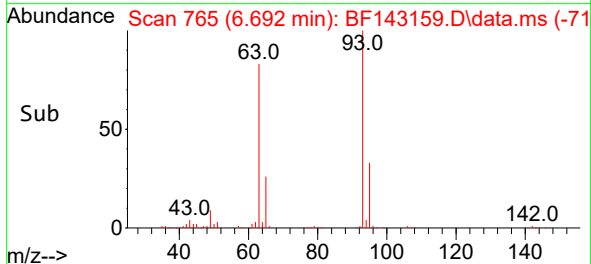
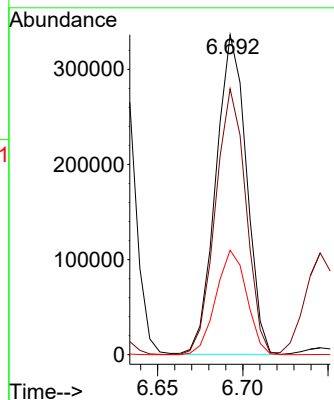
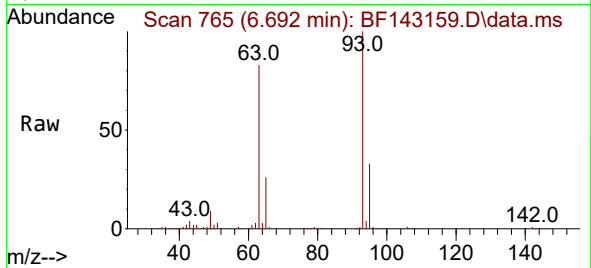




#11
bis(2-Chloroethyl)ether
Concen: 39.794 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

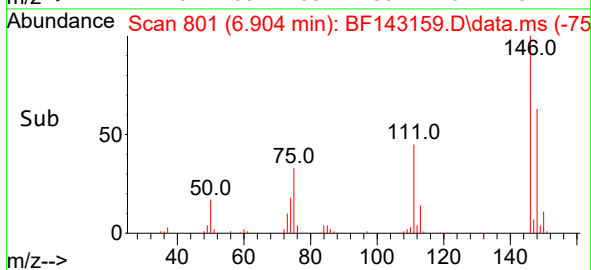
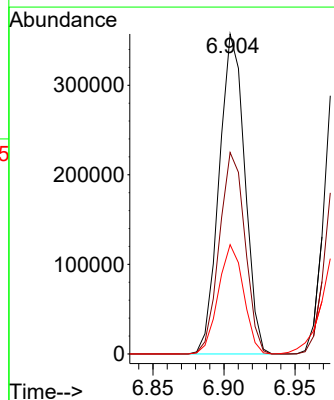
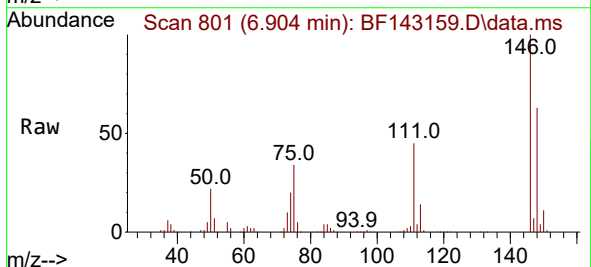
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

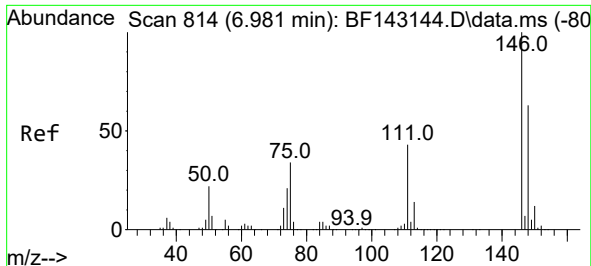
Tgt Ion: 93 Resp: 419746
Ion Ratio Lower Upper
93 100
63 83.1 63.4 103.4
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.128 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:146 Resp: 447626
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
75 34.1 27.4 41.2

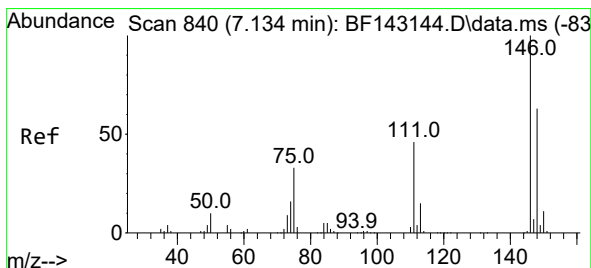
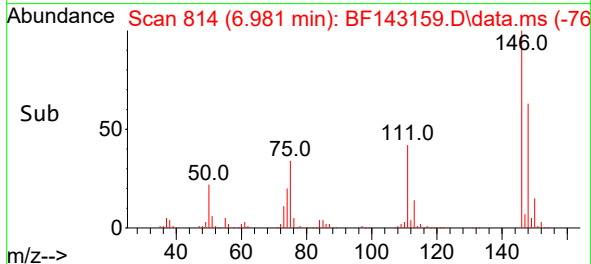
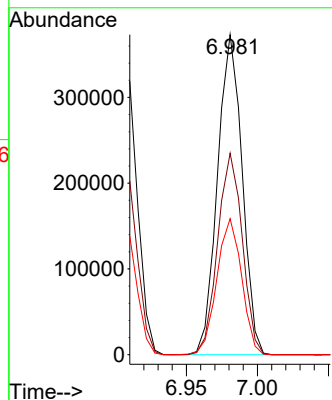
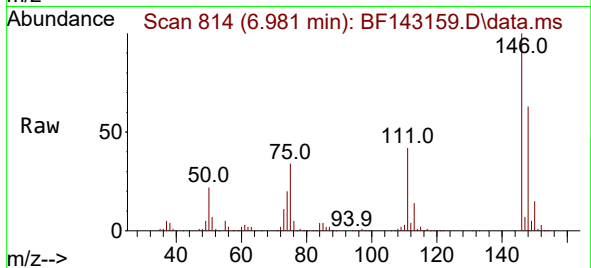




#13
1,4-Dichlorobenzene
Concen: 39.021 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

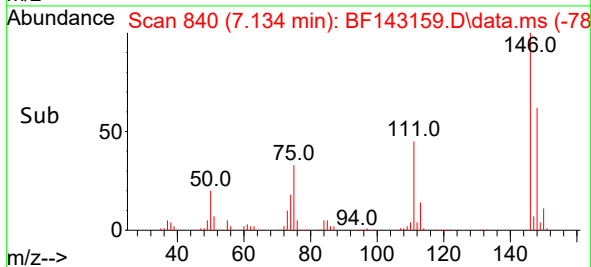
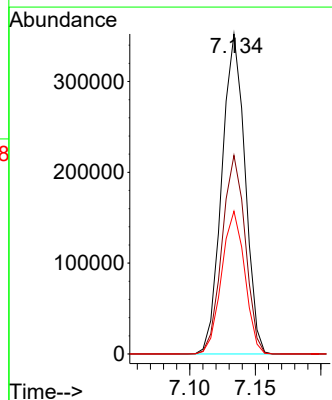
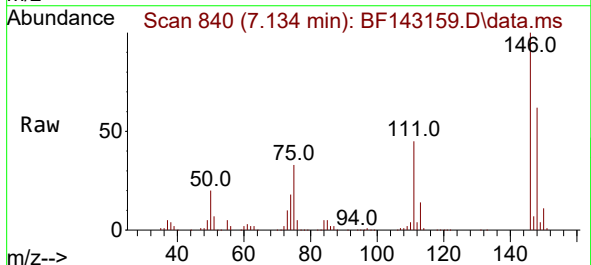
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

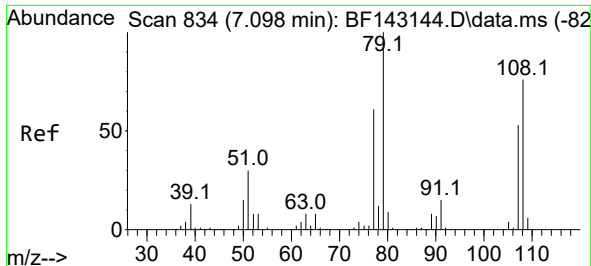
Tgt Ion:146 Resp: 449558
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 42.5 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 39.500 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:146 Resp: 432823
Ion Ratio Lower Upper
146 100
148 62.0 50.7 76.1
111 44.6 36.6 54.8





#15

Benzyl Alcohol

Concen: 39.318 ng

RT: 7.098 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

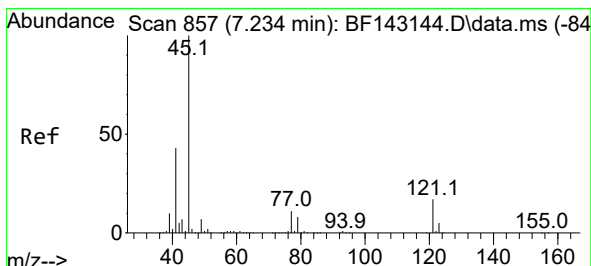
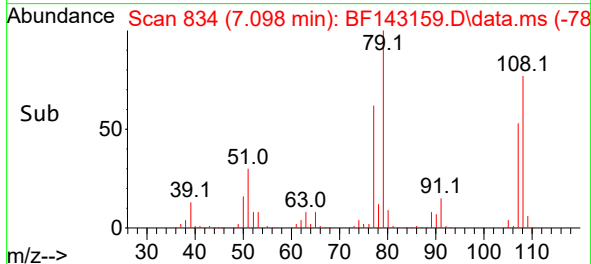
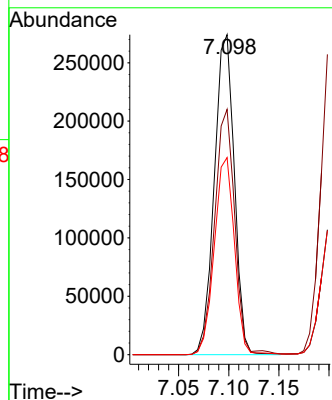
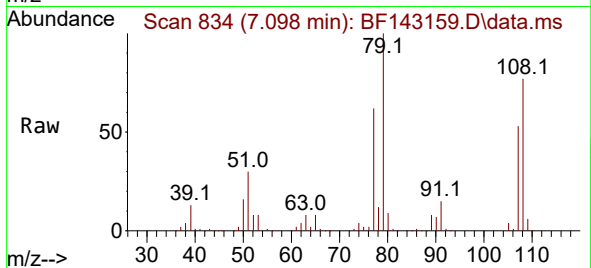
Tgt Ion: 79 Resp: 379636

Ion Ratio Lower Upper

79 100

108 76.6 61.1 91.7

77 61.6 48.9 73.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.828 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

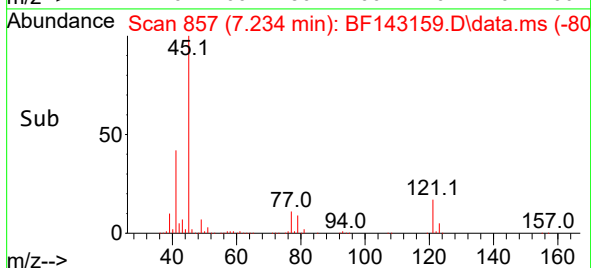
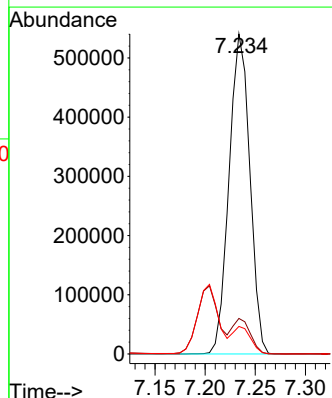
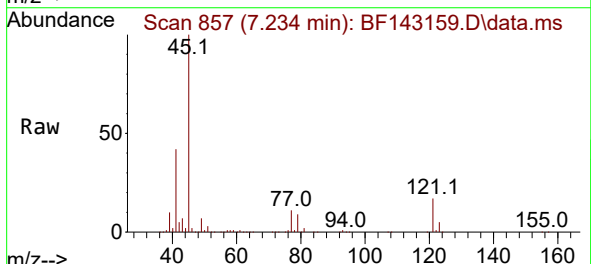
Tgt Ion: 45 Resp: 779314

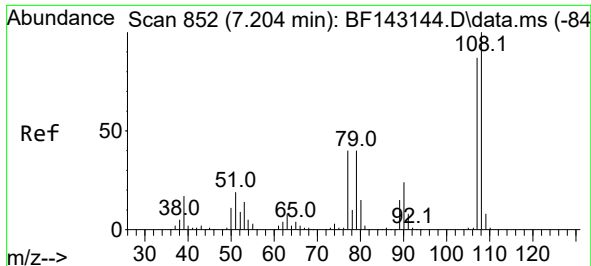
Ion Ratio Lower Upper

45 100

77 11.1 0.0 31.2

79 8.6 0.0 28.5

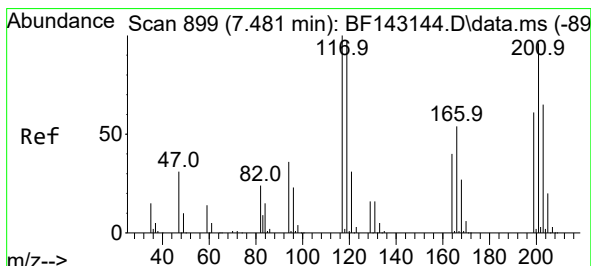
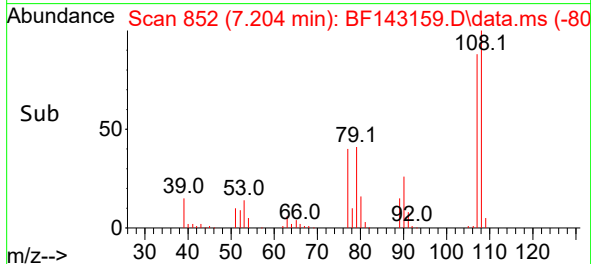
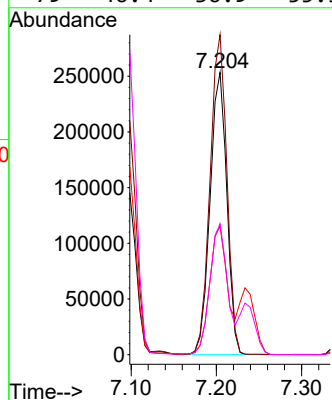
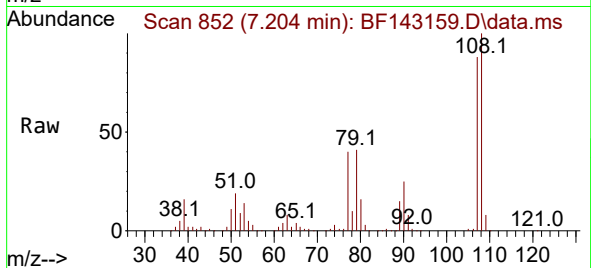




#17
2-Methylphenol
Concen: 39.132 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

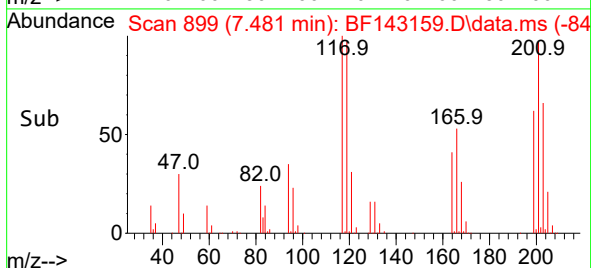
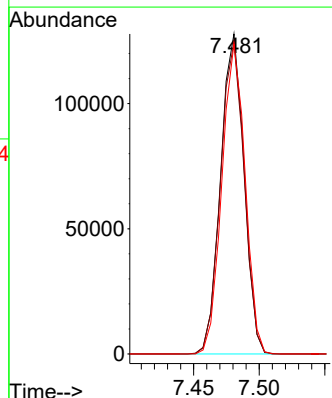
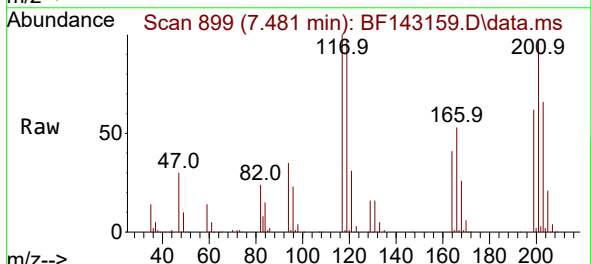
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

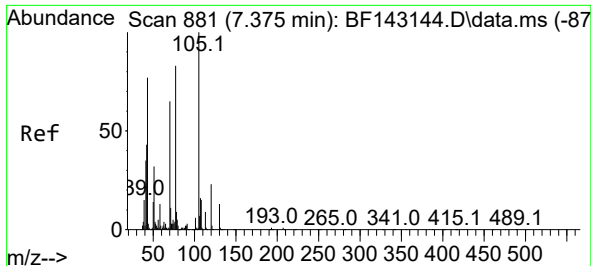
Tgt Ion:	107	Resp:	346501
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.8	137.6
77	45.5	37.0	55.6
79	46.4	36.9	55.3



#18
Hexachloroethane
Concen: 39.782 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:	117	Resp:	158665
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.8
201	96.9	77.0	115.4

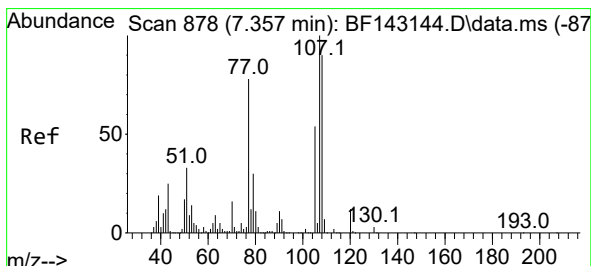
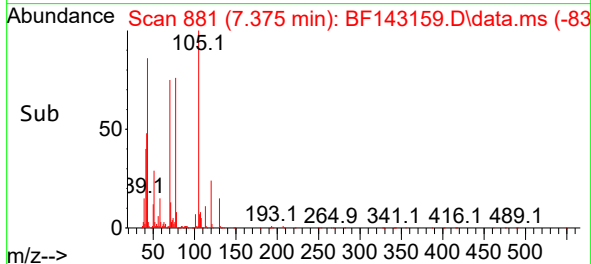
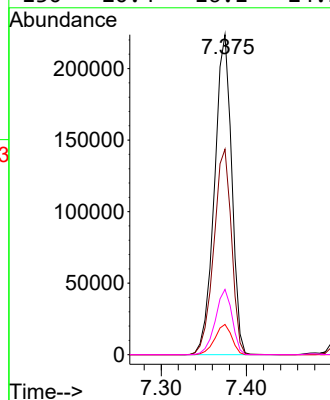
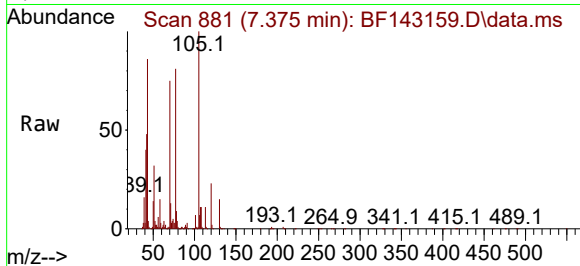




#19
n-Nitroso-di-n-propylamine
Concen: 38.640 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

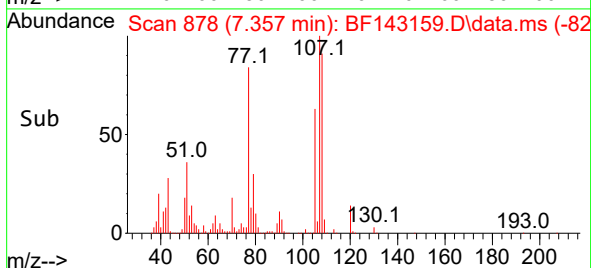
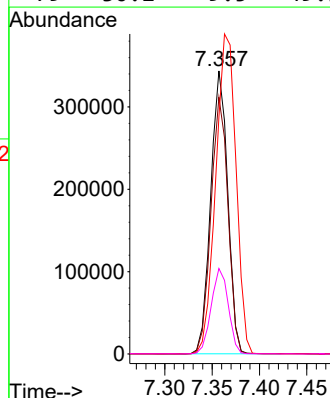
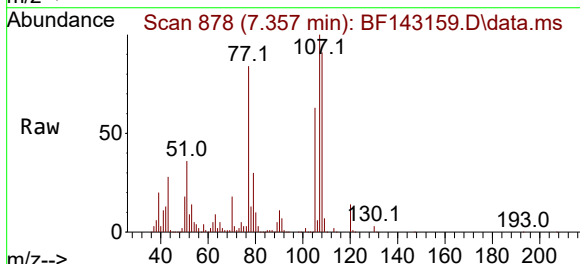
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

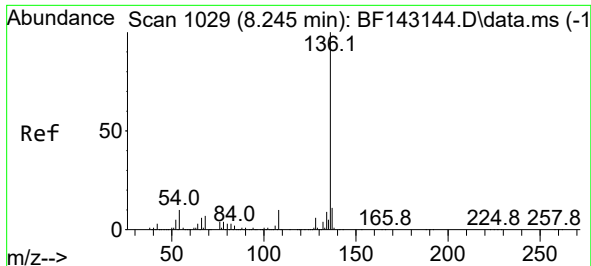
Tgt Ion:	70	Resp:	313487
Ion	Ratio	Lower	Upper
70	100		
42	64.2	52.5	78.7
101	9.4	7.6	11.4
130	20.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 39.947 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:	107	Resp:	429153
Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	83.7	57.8	97.8
79	30.2	9.5	49.5

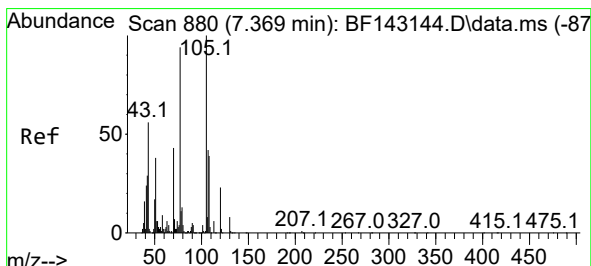
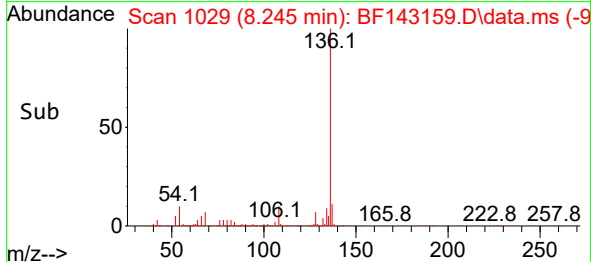
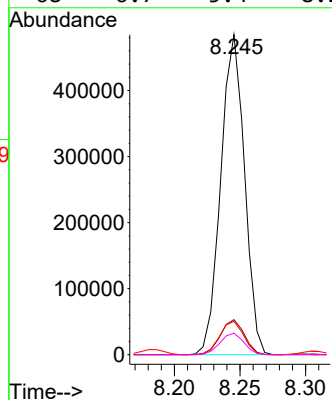
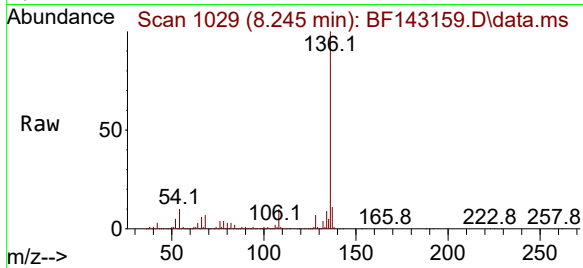




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

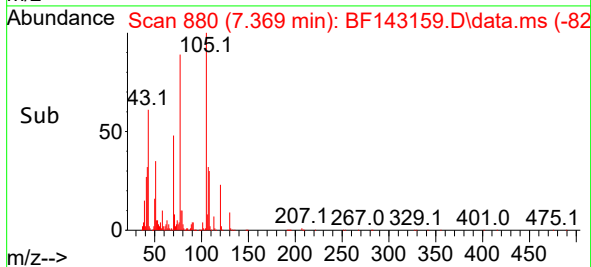
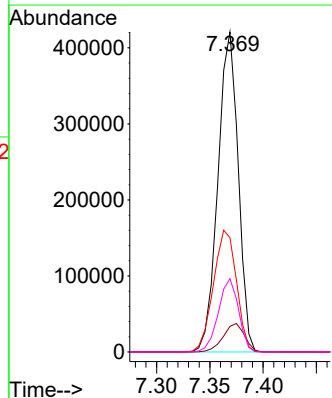
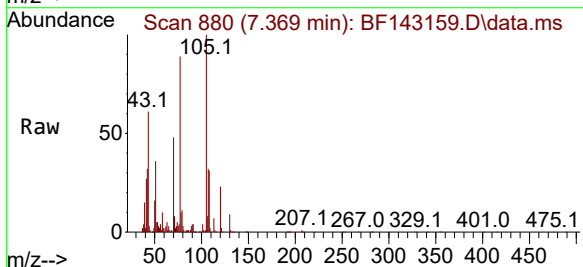
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

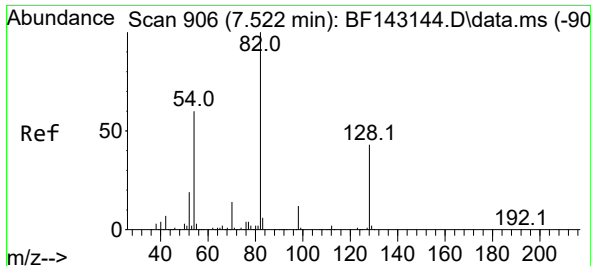
Tgt Ion:136	Resp: 609943
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 10.4	8.2 12.2
68 6.7	5.4 8.2



#22
Acetophenone
Concen: 38.543 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt	Ion:105	Resp:	556574
Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.8	8.6
51	35.7	30.2	45.2
120	22.9	18.2	27.4





#23

Nitrobenzene-d5

Concen: 81.865 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

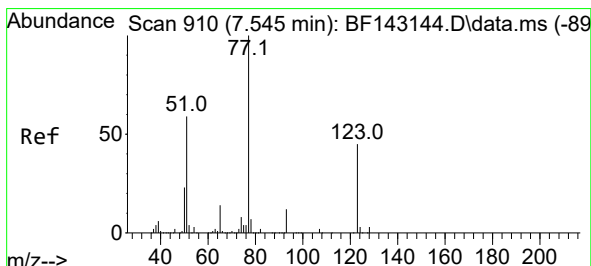
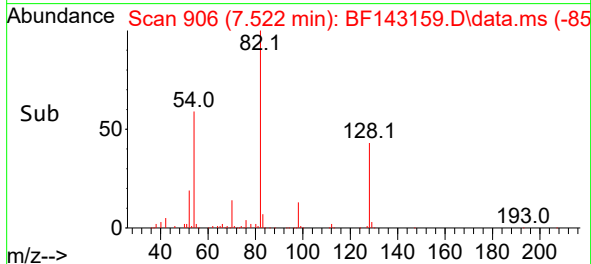
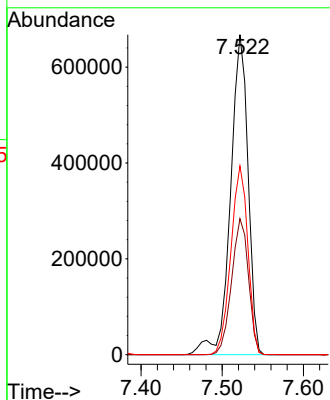
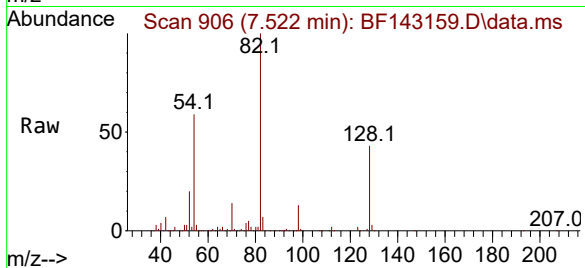
Tgt Ion: 82 Resp: 1001726

Ion Ratio Lower Upper

82 100

128 42.5 33.6 50.4

54 59.0 47.1 70.7



#24

Nitrobenzene

Concen: 40.238 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

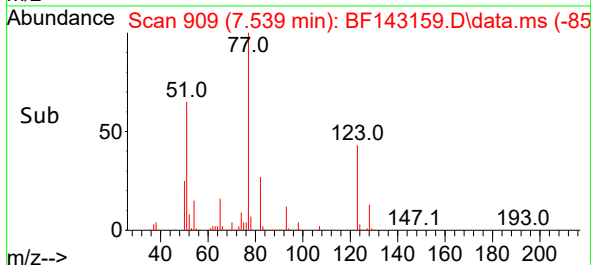
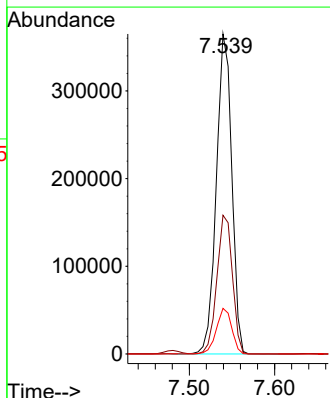
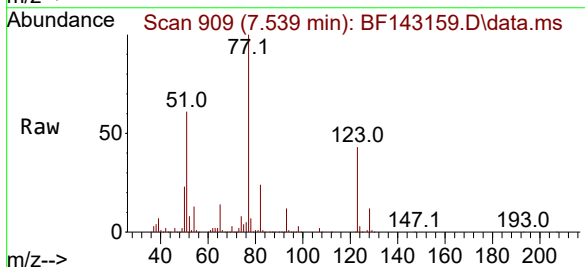
Tgt Ion: 77 Resp: 459039

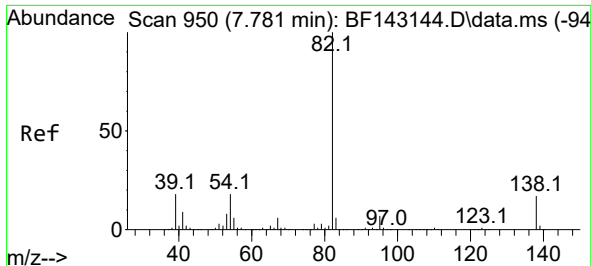
Ion Ratio Lower Upper

77 100

123 43.3 36.1 54.1

65 14.2 11.4 17.2

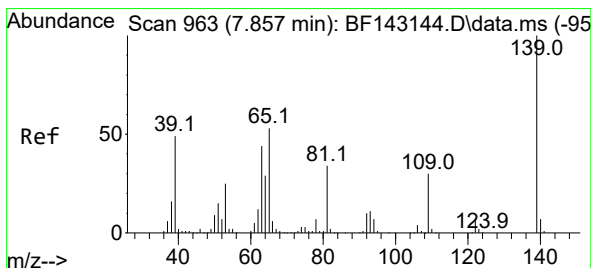
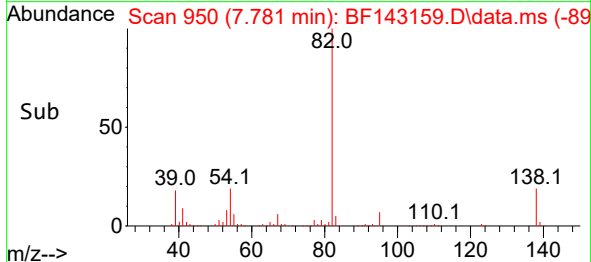
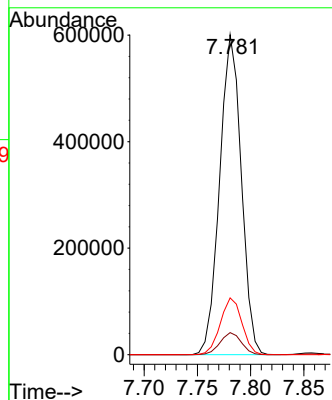
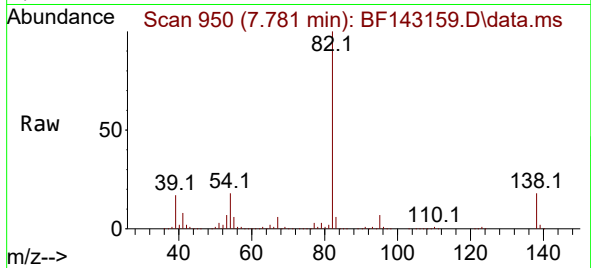




#25
Isophorone
Concen: 39.206 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

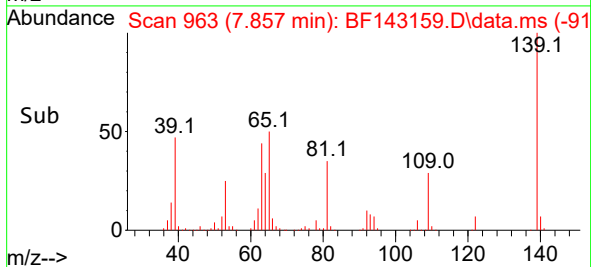
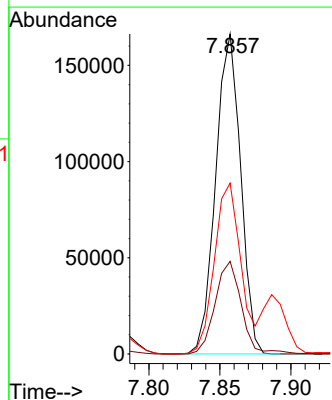
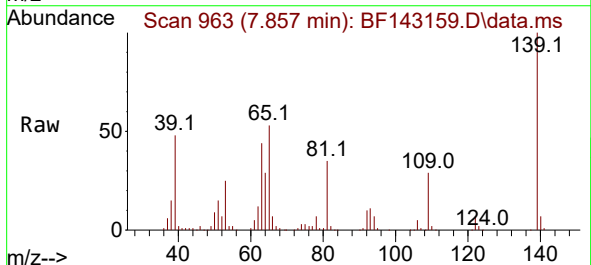
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

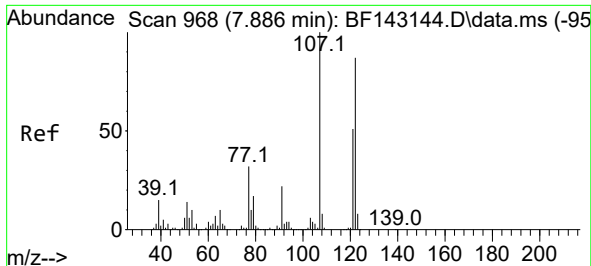
Tgt Ion: 82 Resp: 846892
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.7 13.8 20.8



#26
2-Nitrophenol
Concen: 41.068 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:139 Resp: 203329
Ion Ratio Lower Upper
139 100
109 28.9 23.6 35.4
65 53.4 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 39.035 ng

RT: 7.887 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

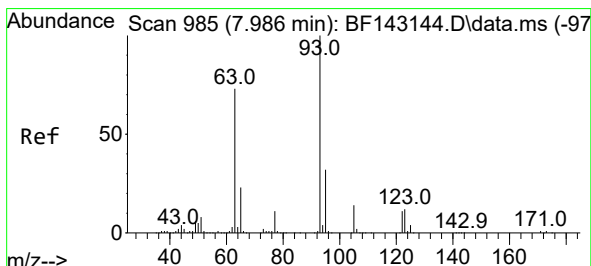
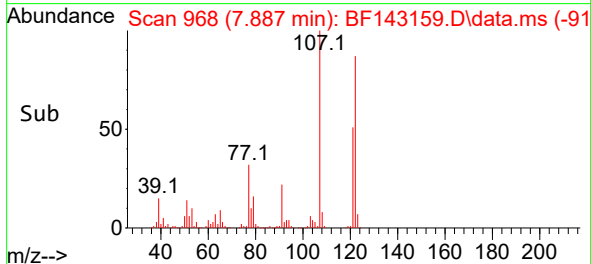
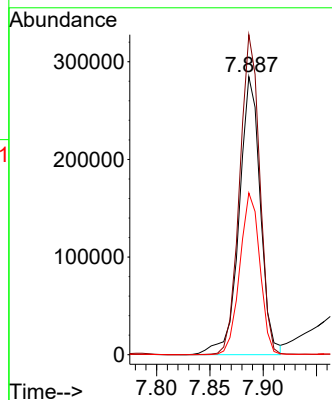
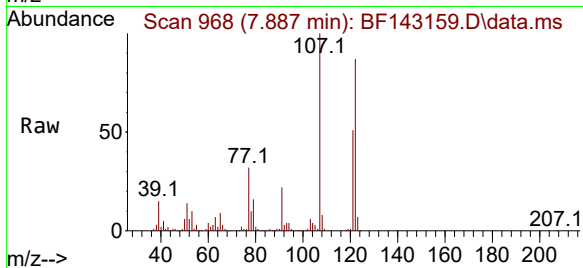
Tgt Ion:122 Resp: 393950

Ion Ratio Lower Upper

122 100

107 115.1 91.8 137.6

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.942 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

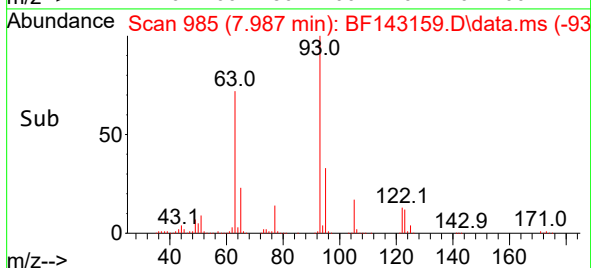
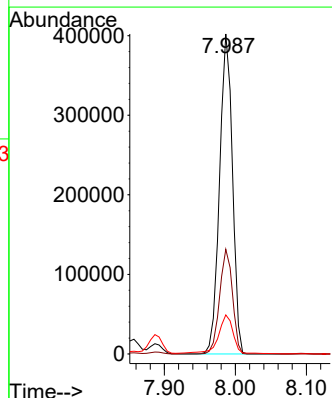
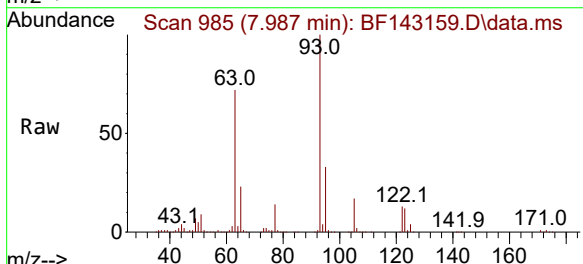
Tgt Ion: 93 Resp: 504354

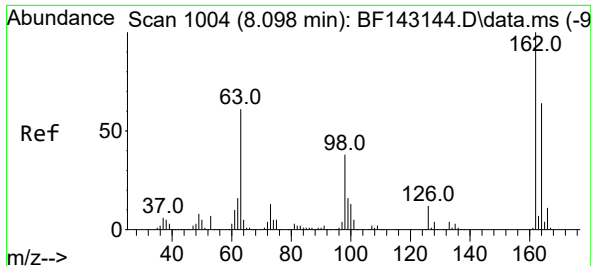
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.173 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

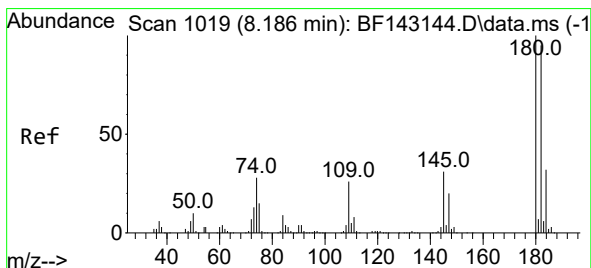
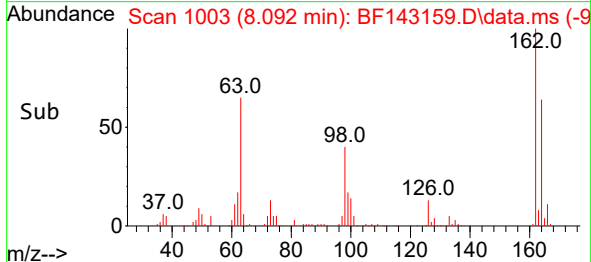
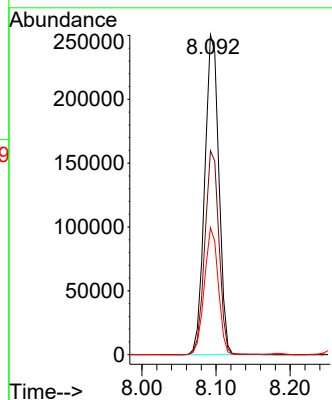
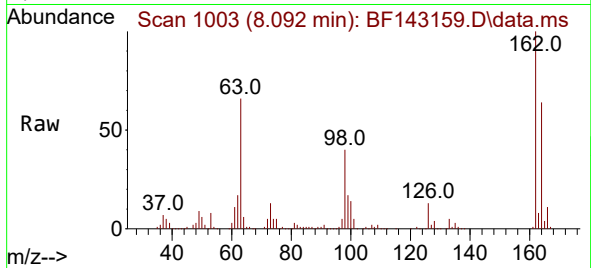
Tgt Ion:162 Resp: 333406

Ion Ratio Lower Upper

162 100

164 63.8 44.2 84.2

98 39.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 39.212 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

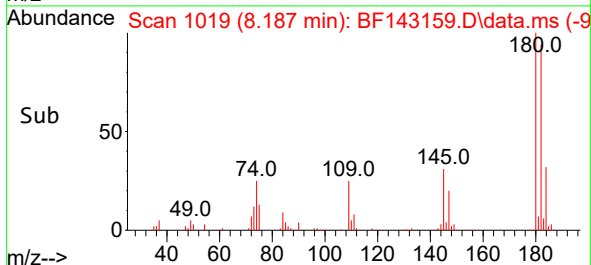
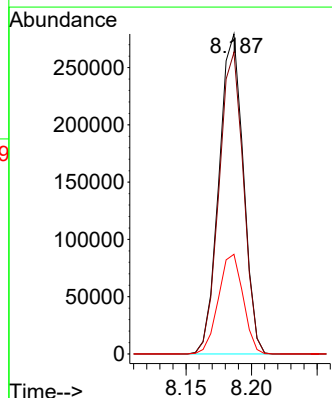
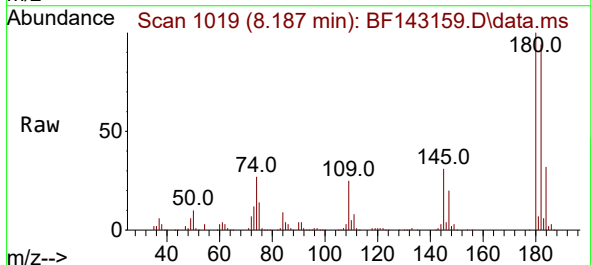
Tgt Ion:180 Resp: 360548

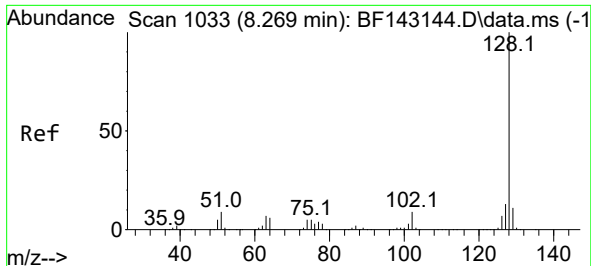
Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

145 31.2 25.0 37.6

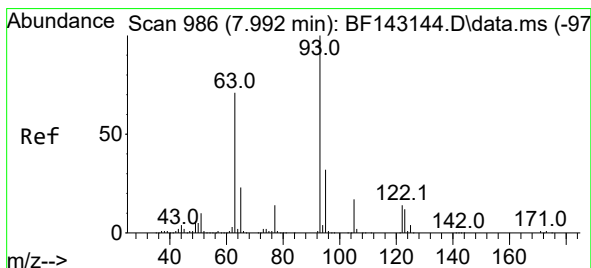
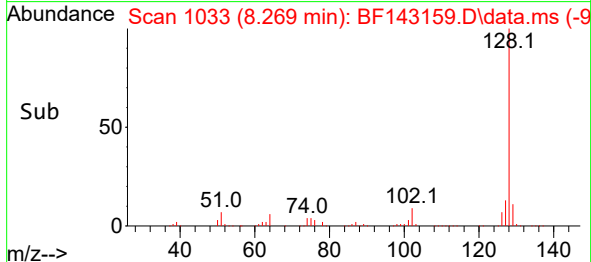
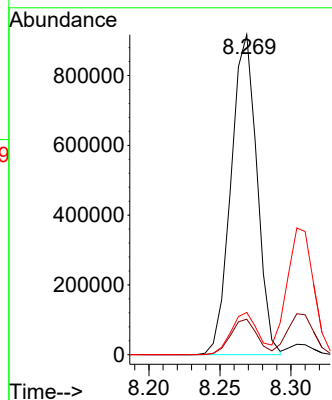
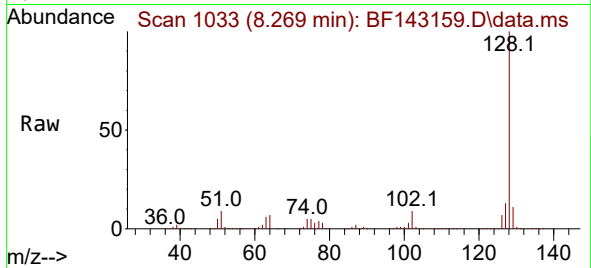




#31
Naphthalene
Concen: 38.699 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

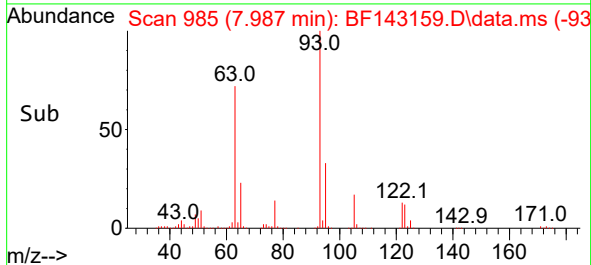
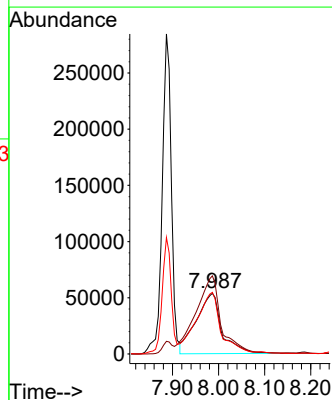
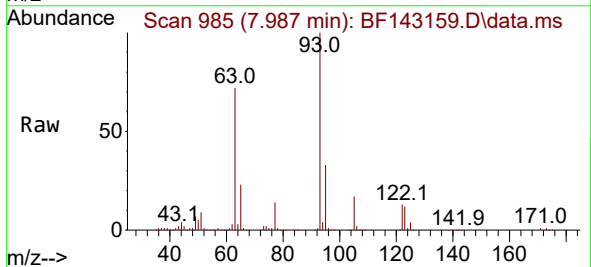
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

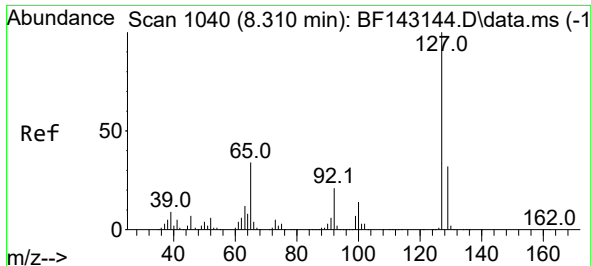
Tgt Ion:128 Resp: 1162476
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 37.681 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.005 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:122 Resp: 207123
Ion Ratio Lower Upper
122 100
105 128.8 104.8 144.8
77 101.5 77.6 117.6

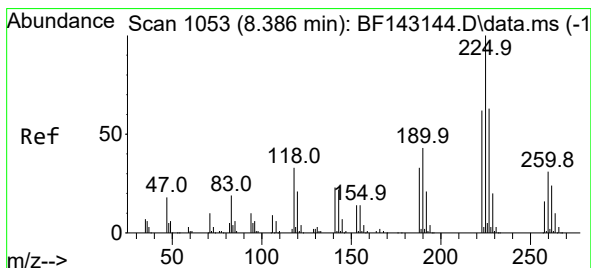
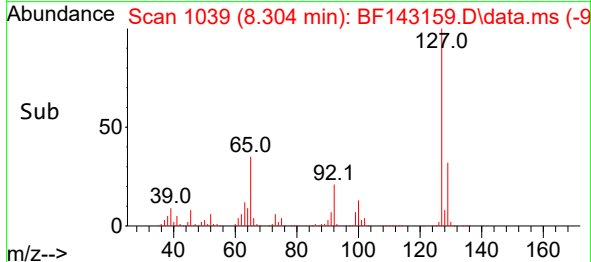
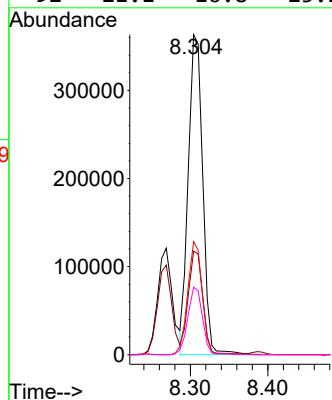
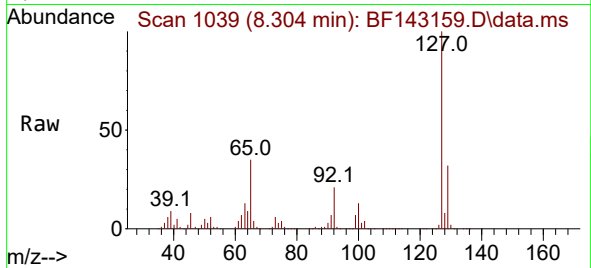




#33
4-Chloroaniline
Concen: 38.494 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

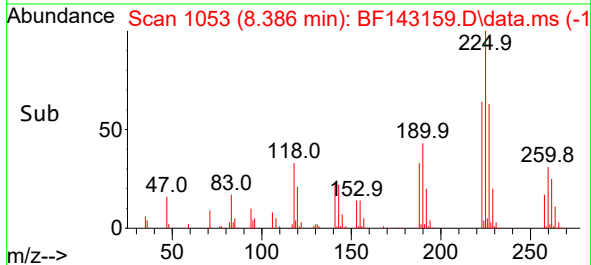
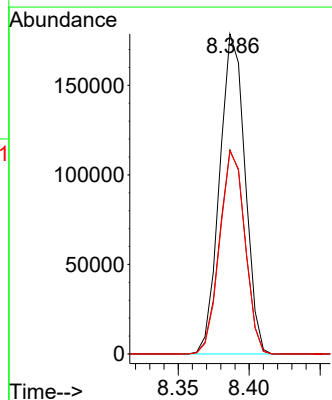
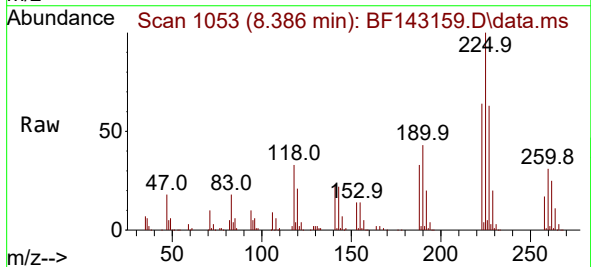
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

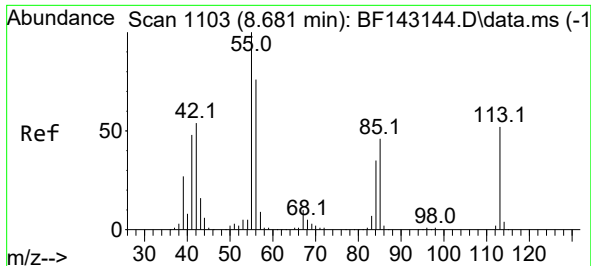
Tgt Ion:	127	Resp:	472144
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	35.3	27.4	41.2
92	21.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.494 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:	225	Resp:	221836
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.6
227	63.4	50.2	75.4

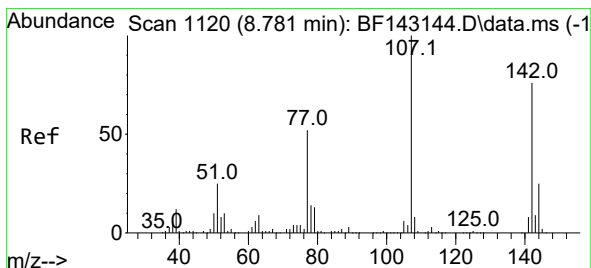
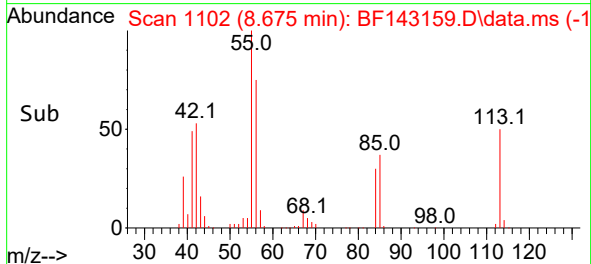
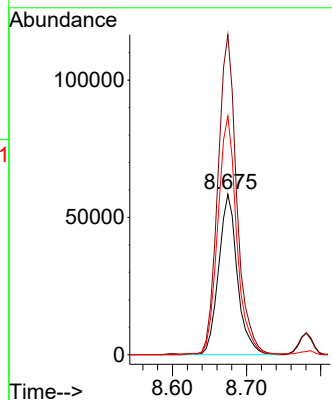
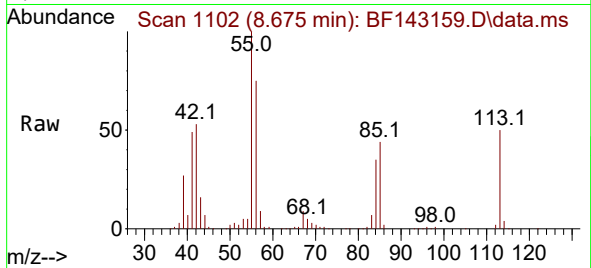




#35
 Caprolactam
 Concen: 39.775 ng
 RT: 8.675 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF143159.D
 Acq: 18 Jul 2025 11:24

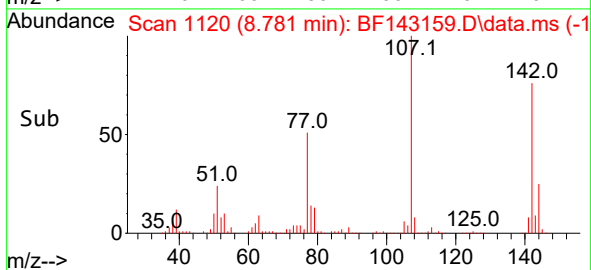
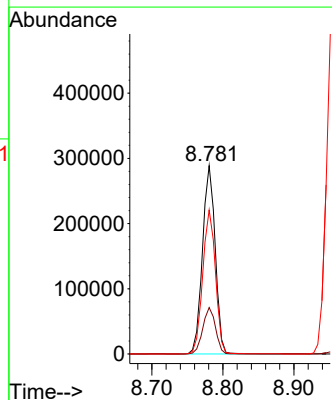
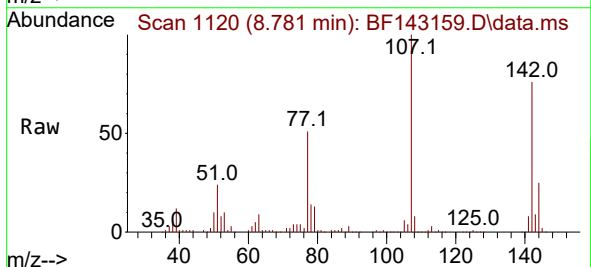
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

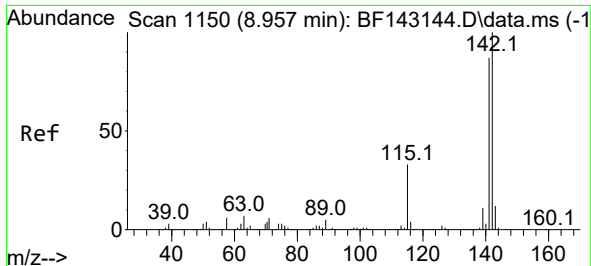
Tgt Ion:113 Resp: 102297
 Ion Ratio Lower Upper
 113 100
 55 199.5 174.0 214.0
 56 148.8 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.087 ng
 RT: 8.781 min Scan# 1120
 Delta R.T. 0.000 min
 Lab File: BF143159.D
 Acq: 18 Jul 2025 11:24

Tgt Ion:107 Resp: 361586
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.8 29.6
 142 76.5 60.6 90.8

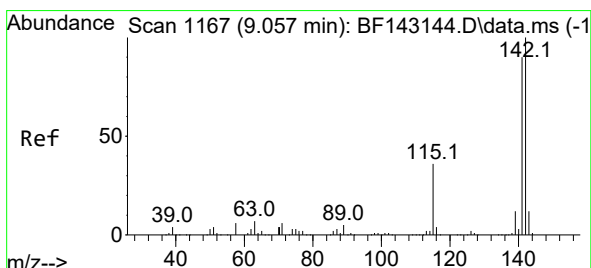
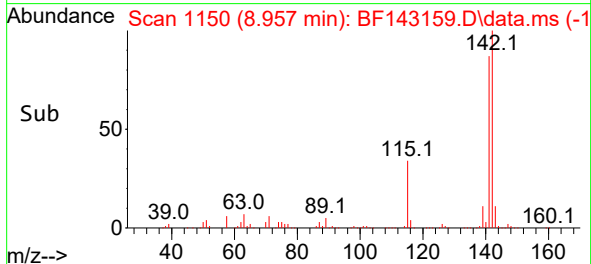
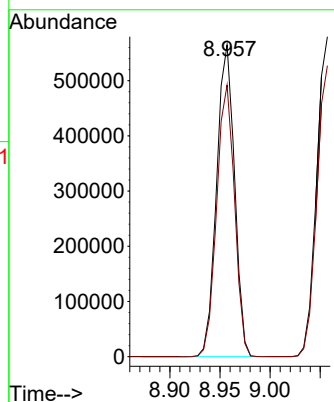
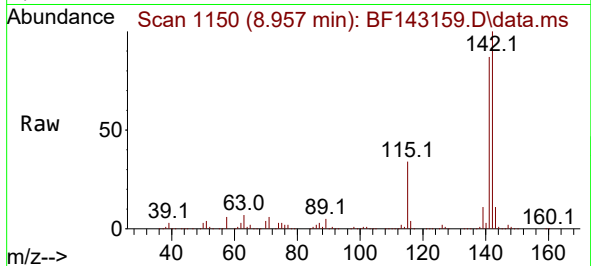




#37
2-Methylnaphthalene
Concen: 38.372 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

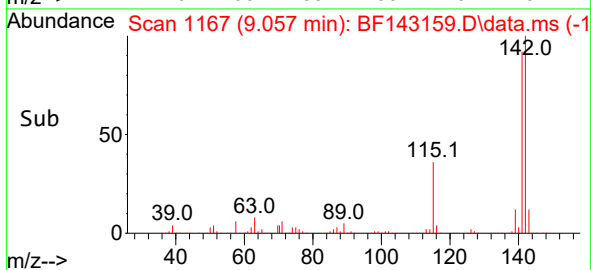
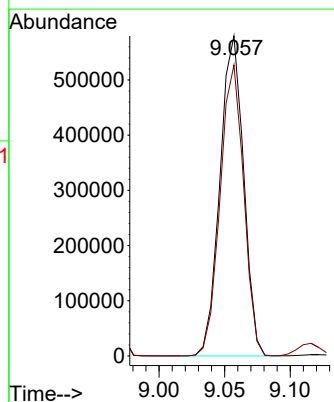
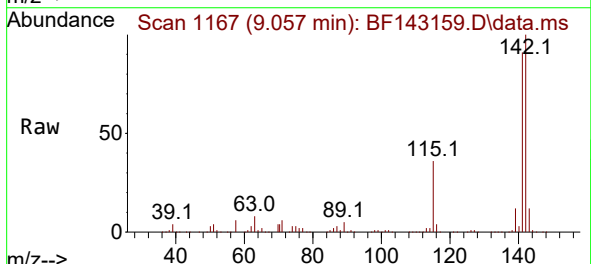
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

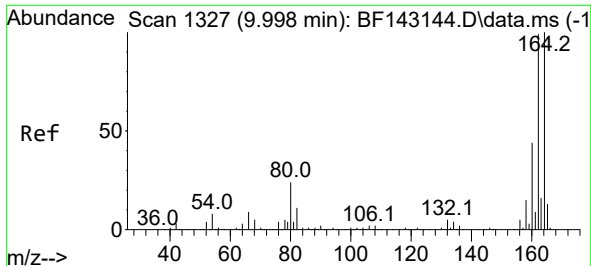
Tgt Ion:142 Resp: 701400
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9



#38
1-Methylnaphthalene
Concen: 38.636 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:142 Resp: 727247
Ion Ratio Lower Upper
142 100
141 91.0 72.3 108.5

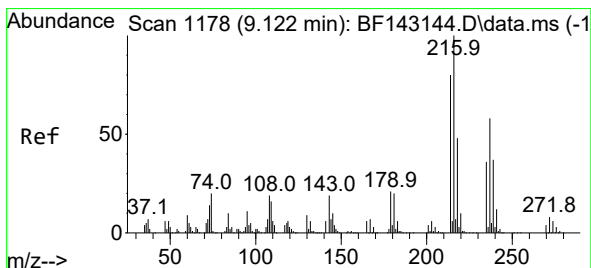
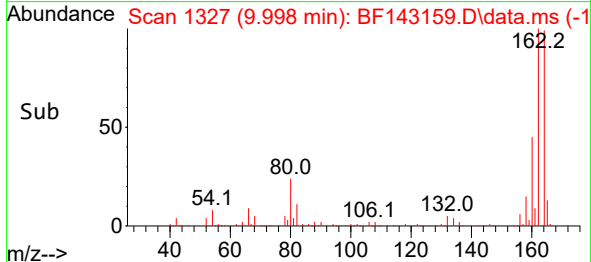
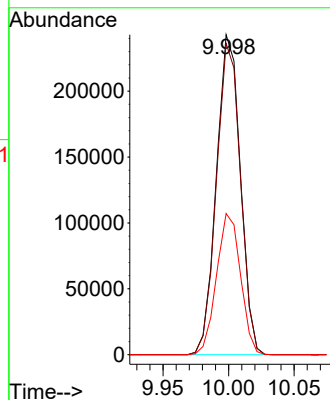
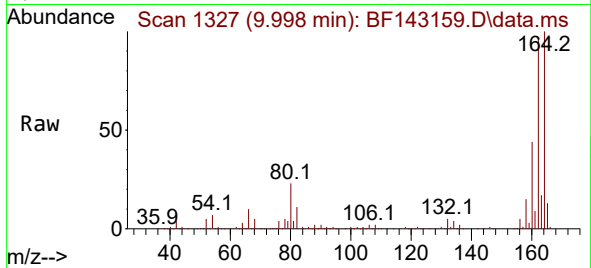




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

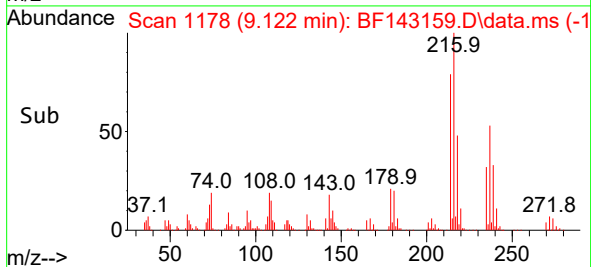
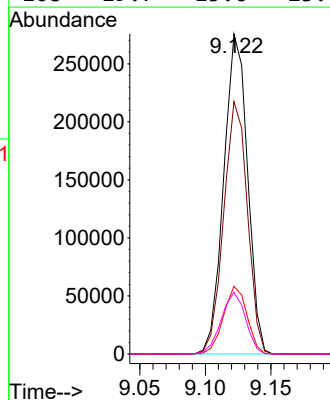
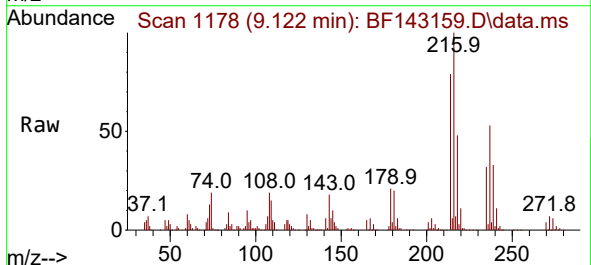
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

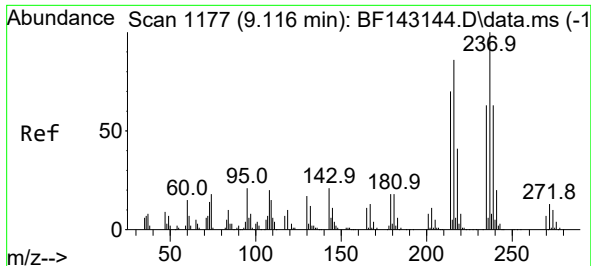
Tgt Ion:164 Resp: 308568
Ion Ratio Lower Upper
164 100
162 97.3 79.0 118.6
160 44.1 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.031 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:216 Resp: 347715
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.8
179 20.9 16.4 24.6
108 19.7 15.6 23.4

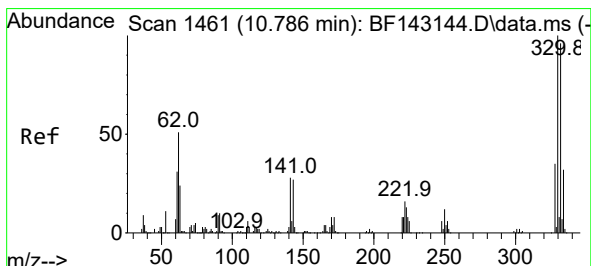
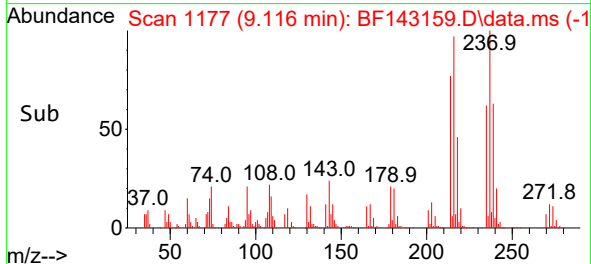
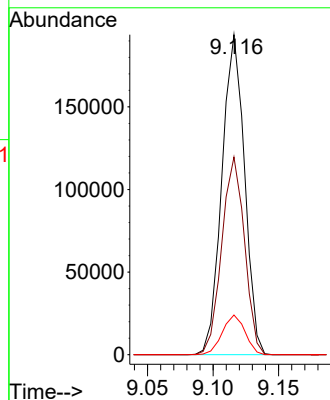
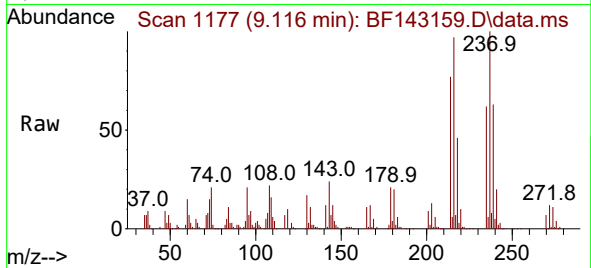




#41
Hexachlorocyclopentadiene
Concen: 40.056 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

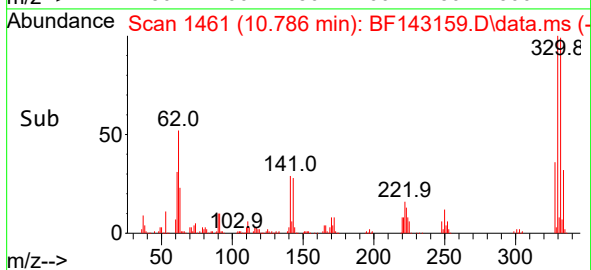
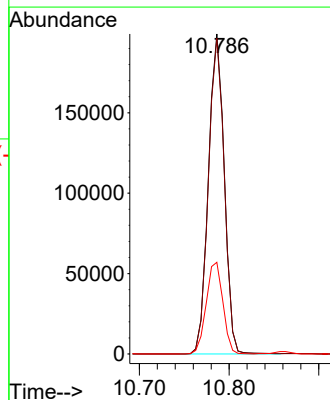
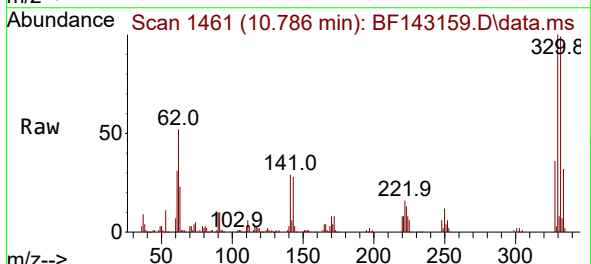
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

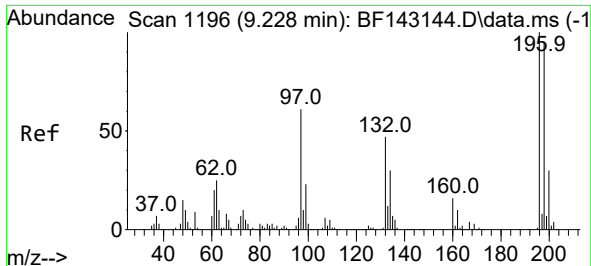
Tgt Ion:237 Resp: 232191
Ion Ratio Lower Upper
237 100
235 61.7 43.0 83.0
272 12.4 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 76.741 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:330 Resp: 244627
Ion Ratio Lower Upper
330 100
332 98.6 76.7 115.1
141 30.0 23.3 34.9

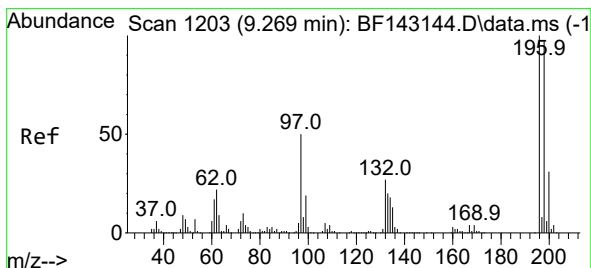
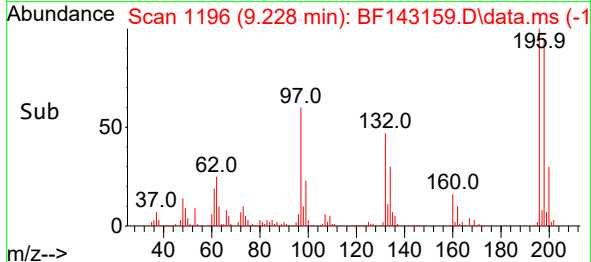
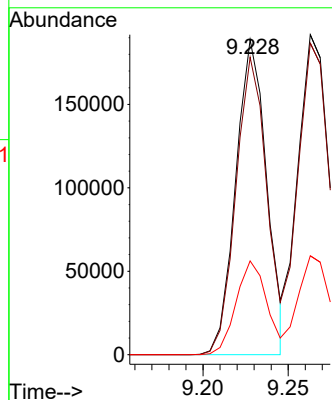
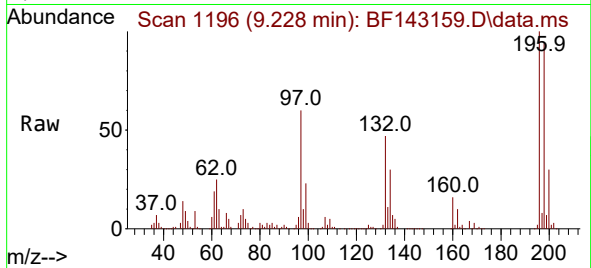




#43
 2,4,6-Trichlorophenol
 Concen: 38.663 ng
 RT: 9.228 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: BF143159.D
 Acq: 18 Jul 2025 11:24

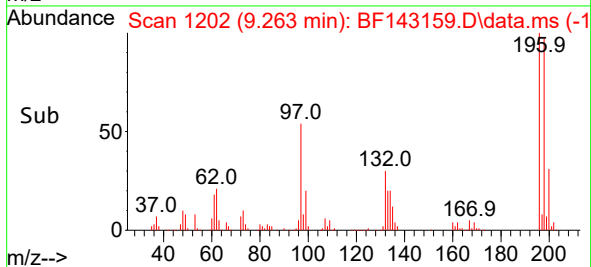
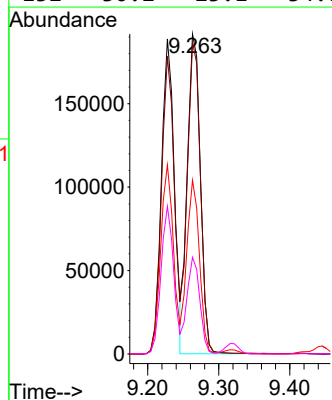
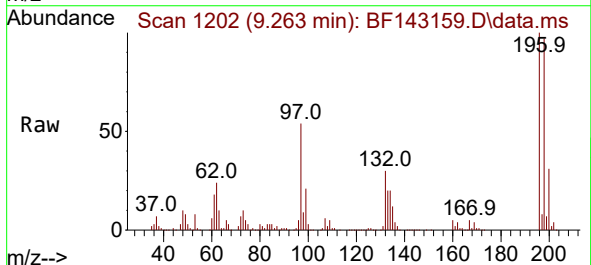
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

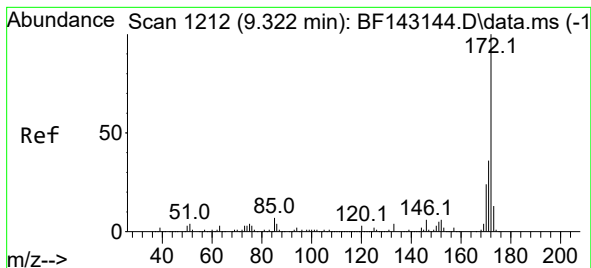
Tgt Ion:196 Resp: 238377
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.2 114.2
 200 29.8 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 39.814 ng
 RT: 9.263 min Scan# 1202
 Delta R.T. -0.006 min
 Lab File: BF143159.D
 Acq: 18 Jul 2025 11:24

Tgt Ion:196 Resp: 245550
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.3 115.9
 97 54.3 40.3 60.5
 132 30.2 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 75.119 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

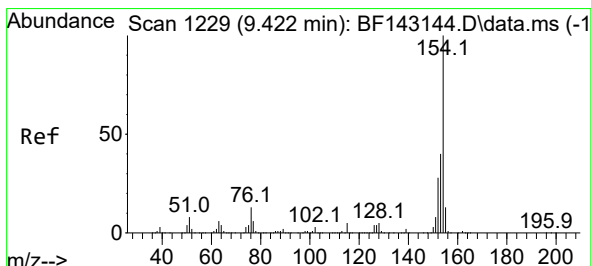
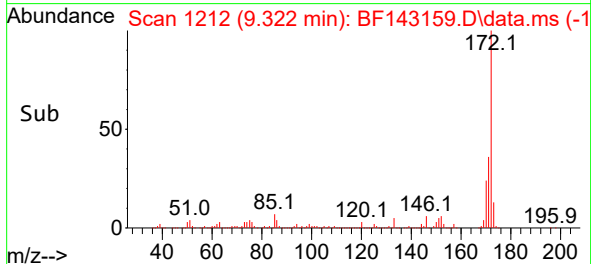
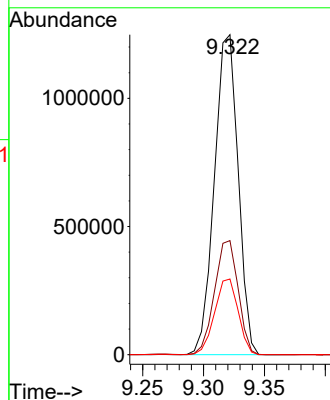
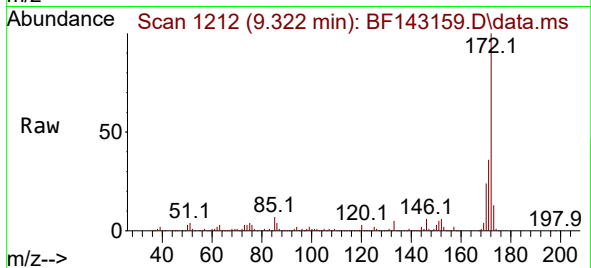
Tgt Ion:172 Resp: 1694866

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 38.317 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

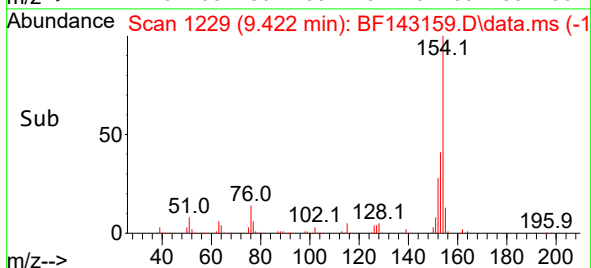
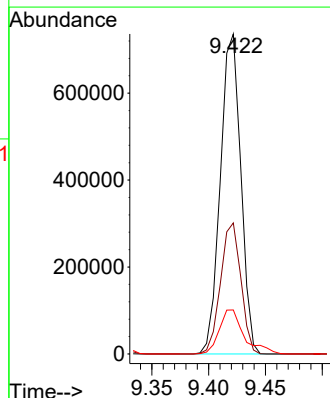
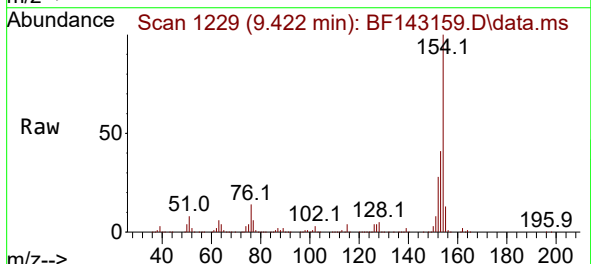
Tgt Ion:154 Resp: 922458

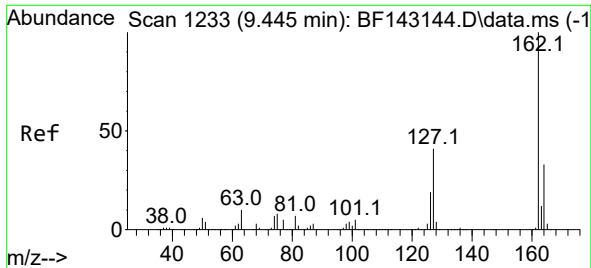
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 13.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.940 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

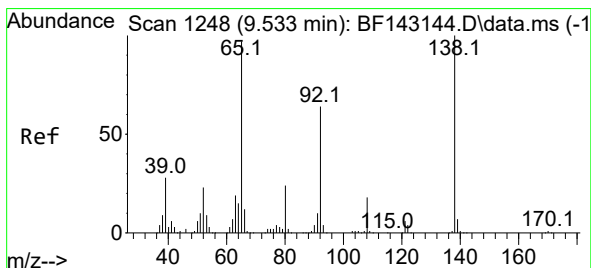
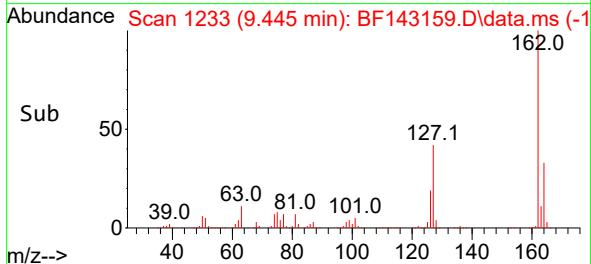
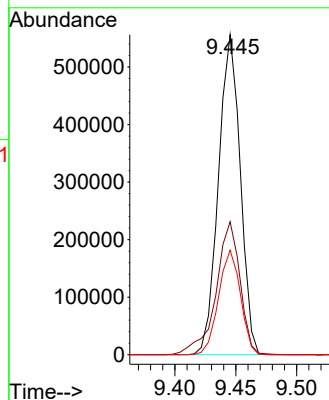
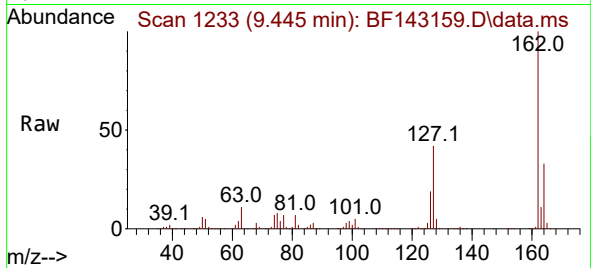
Tgt Ion:162 Resp: 693644

Ion Ratio Lower Upper

162 100

127 41.5 33.4 50.2

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 40.934 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

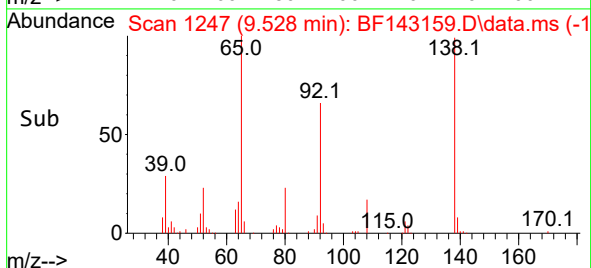
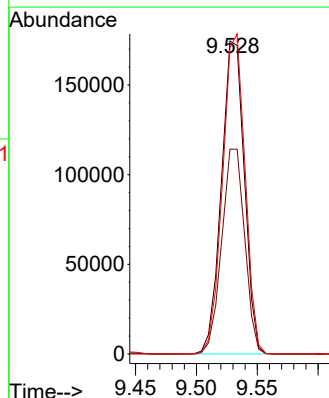
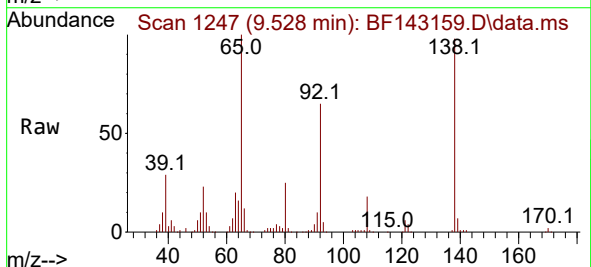
Tgt Ion: 65 Resp: 228667

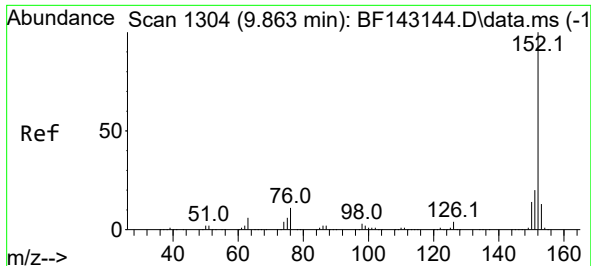
Ion Ratio Lower Upper

65 100

92 65.4 52.4 78.6

138 97.8 82.3 123.5

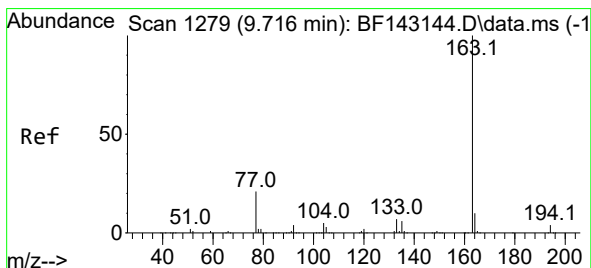
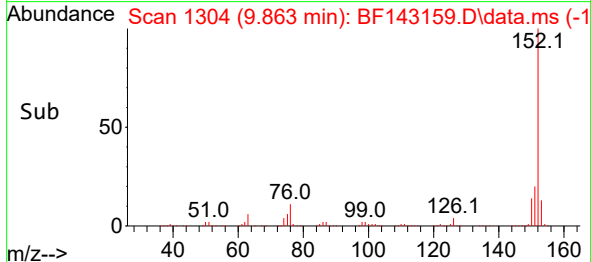
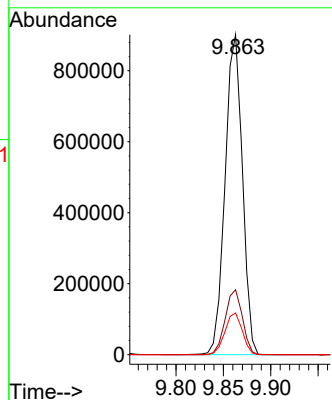
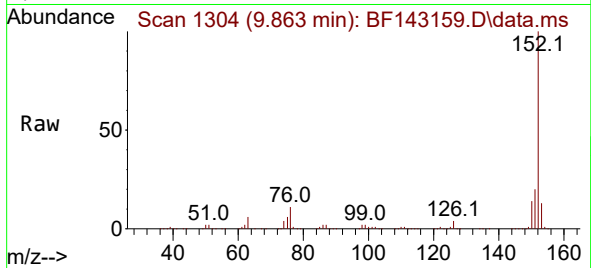




#49
Acenaphthylene
Concen: 38.471 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

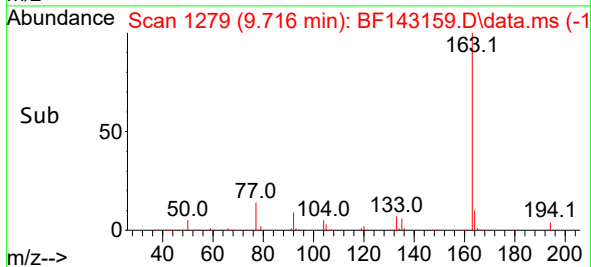
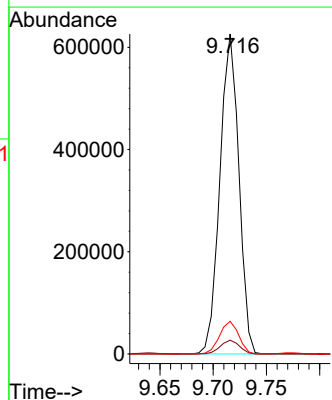
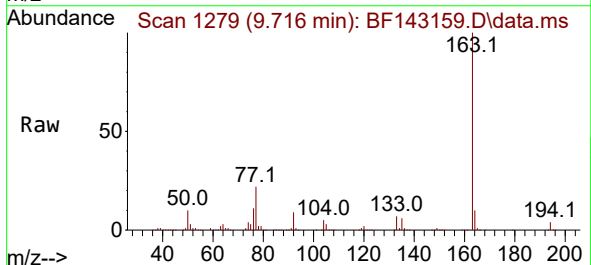
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

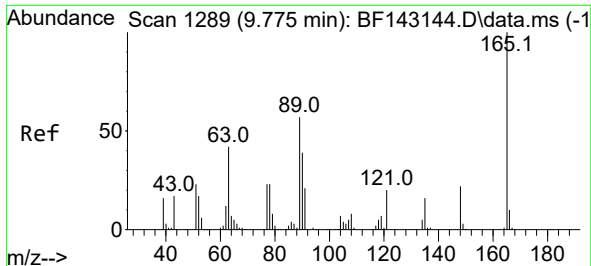
Tgt Ion:152 Resp: 1148448
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.6 16.0



#50
Dimethylphthalate
Concen: 38.438 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:163 Resp: 773127
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.3 12.5

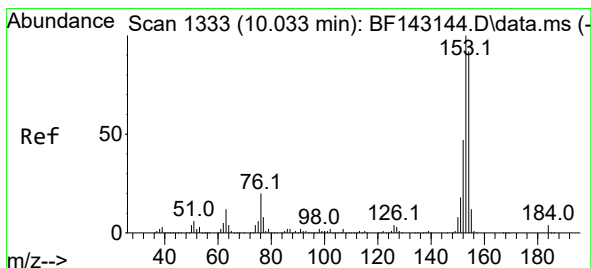
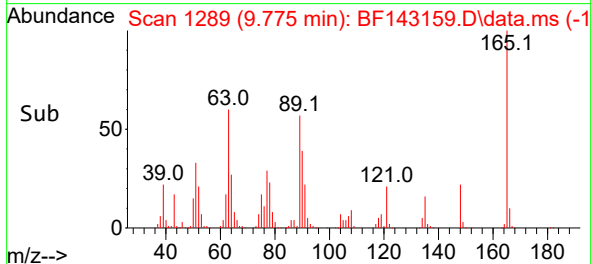
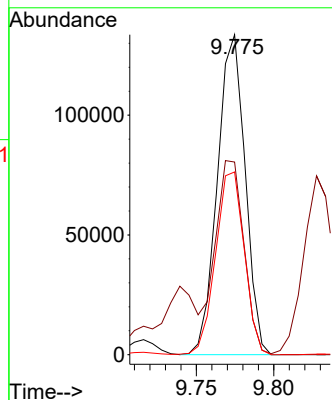
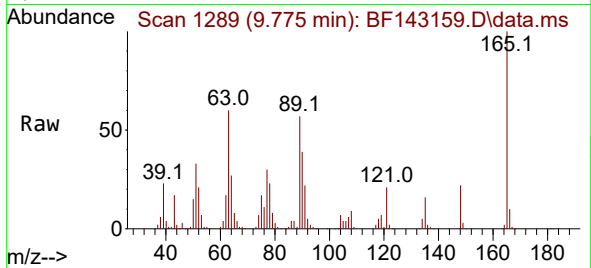




#51
2,6-Dinitrotoluene
Concen: 40.722 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

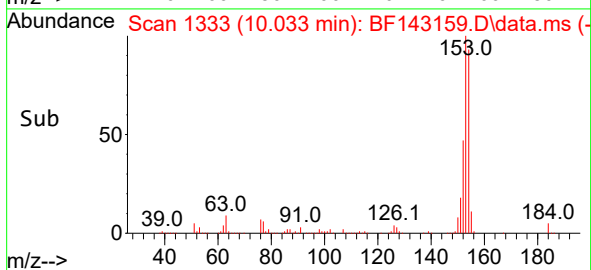
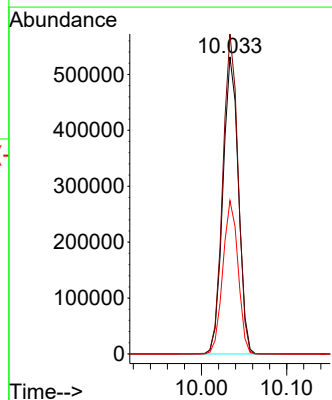
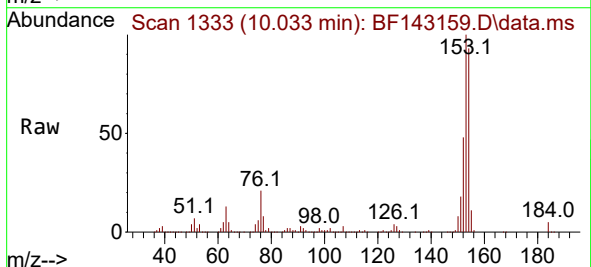
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

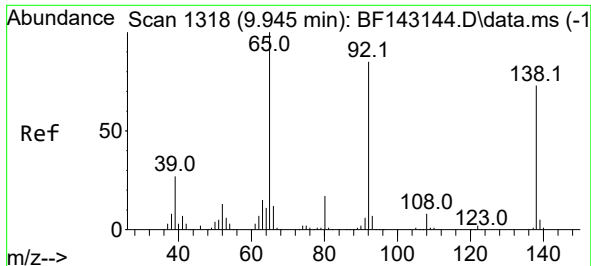
Tgt Ion:165 Resp: 166618
Ion Ratio Lower Upper
165 100
63 60.2 49.4 74.2
89 57.1 46.2 69.2



#52
Acenaphthene
Concen: 38.188 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:154 Resp: 673791
Ion Ratio Lower Upper
154 100
153 107.7 86.6 129.8
152 51.6 40.4 60.6

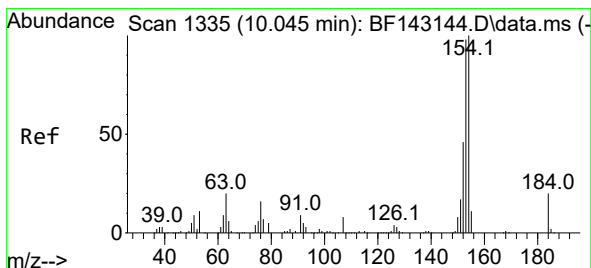
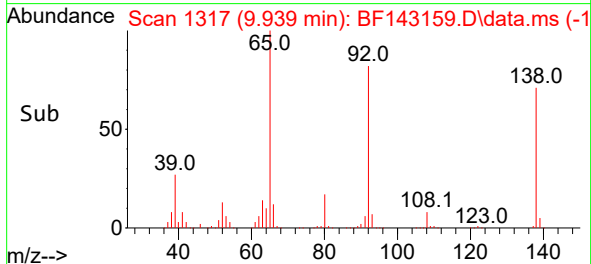
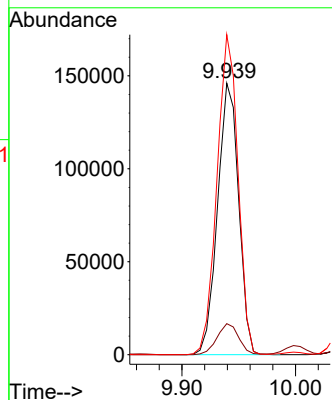
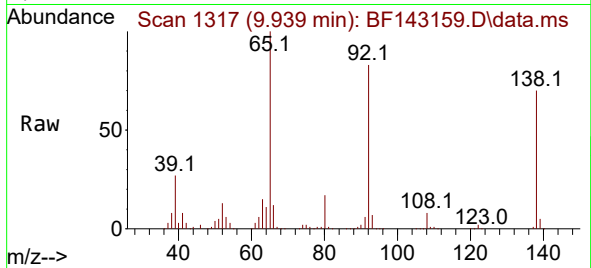




#53
3-Nitroaniline
Concen: 39.413 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

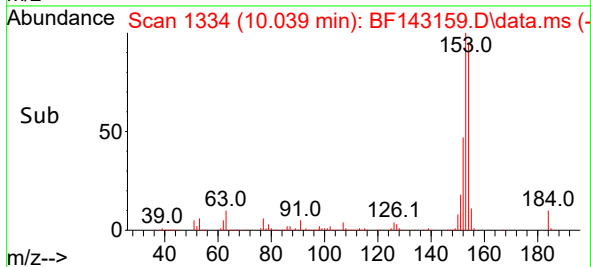
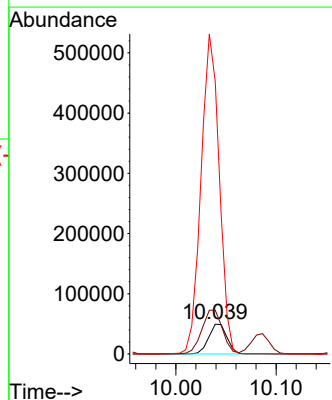
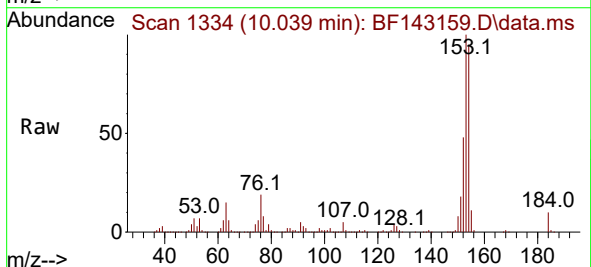
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

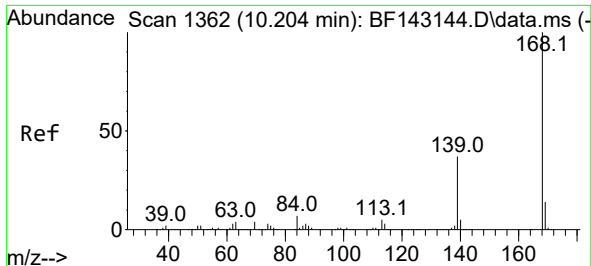
Tgt Ion:138 Resp: 188626
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.6
92 117.8 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 37.648 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:184 Resp: 62679
Ion Ratio Lower Upper
184 100
63 147.3 81.8 122.6#
154 915.2 412.2 618.4#

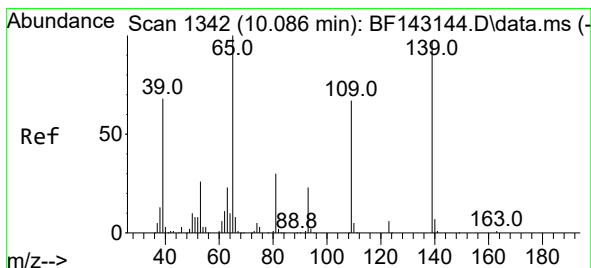
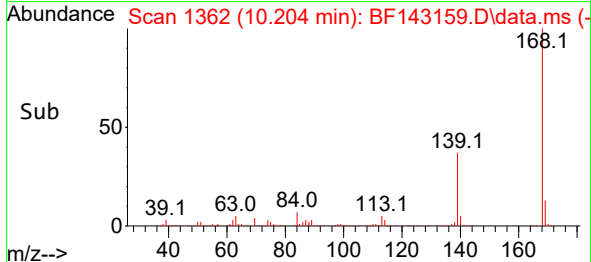
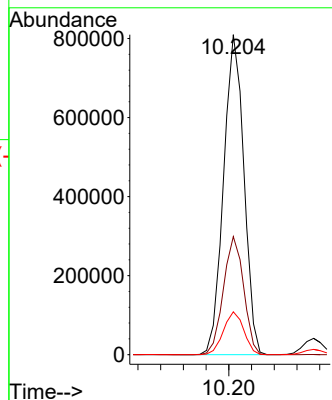
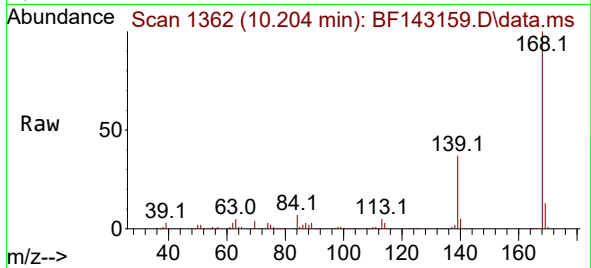




#55
Dibenzofuran
Concen: 38.410 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

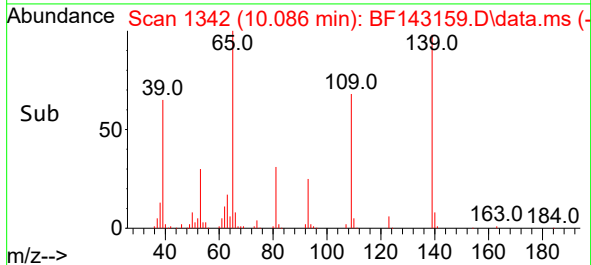
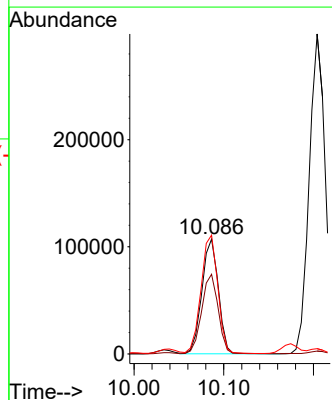
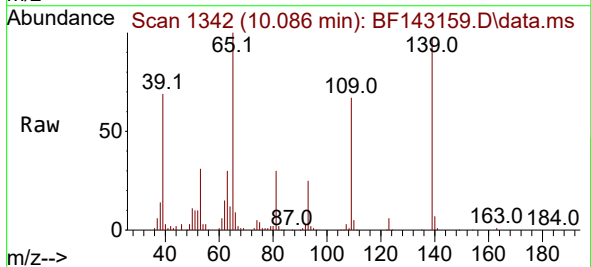
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

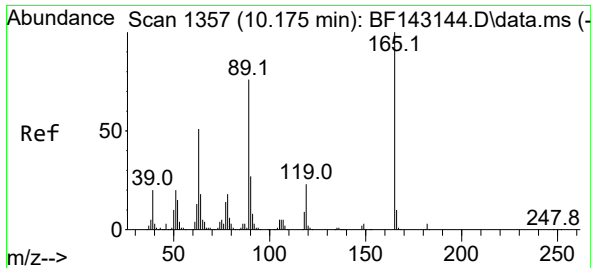
Tgt Ion:168 Resp: 1006197
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 38.194 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:139 Resp: 136499
Ion Ratio Lower Upper
139 100
109 69.3 48.5 88.5
65 103.5 83.4 123.4

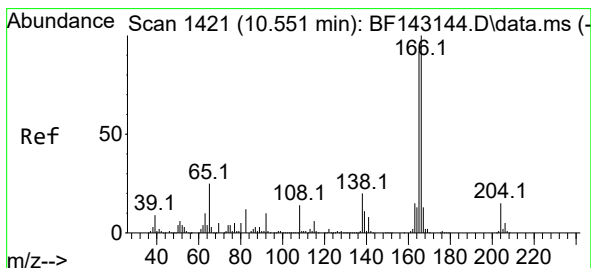
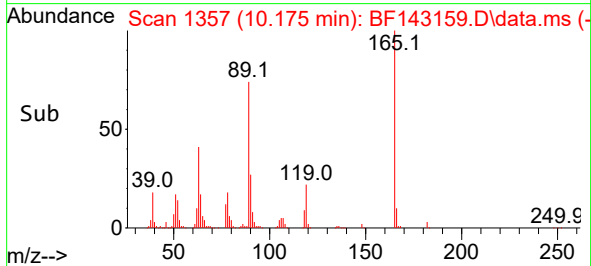
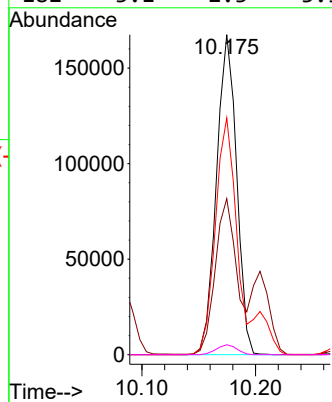
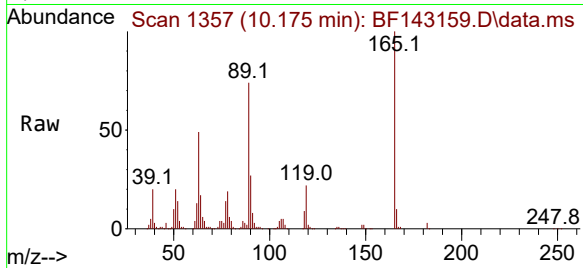




#57
2,4-Dinitrotoluene
Concen: 40.255 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

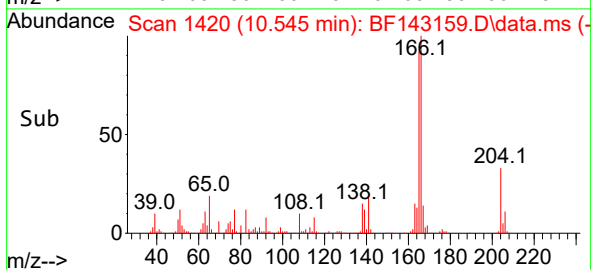
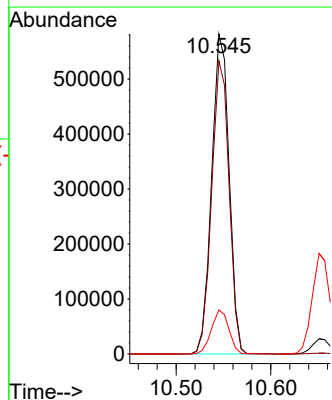
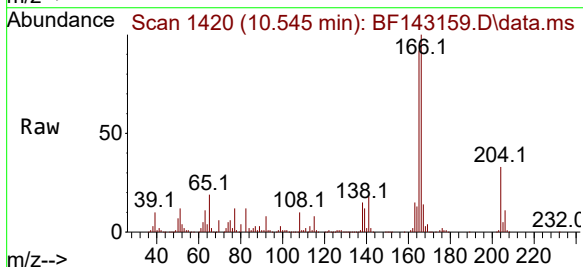
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

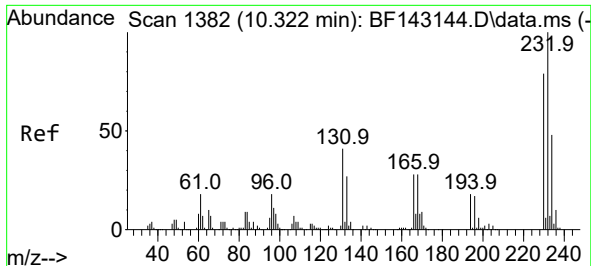
Tgt Ion:165 Resp: 206647
Ion Ratio Lower Upper
165 100
63 48.7 41.0 61.4
89 74.0 61.1 91.7
182 3.1 2.3 3.5



#58
Fluorene
Concen: 37.763 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:166 Resp: 742445
Ion Ratio Lower Upper
166 100
165 91.6 73.7 110.5
167 13.8 10.6 16.0

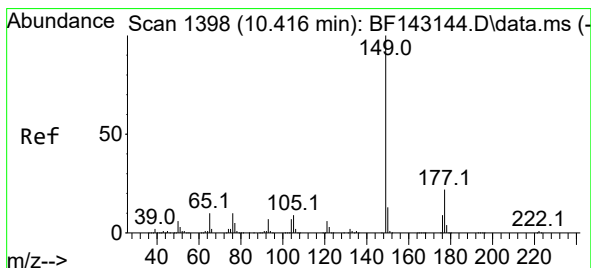
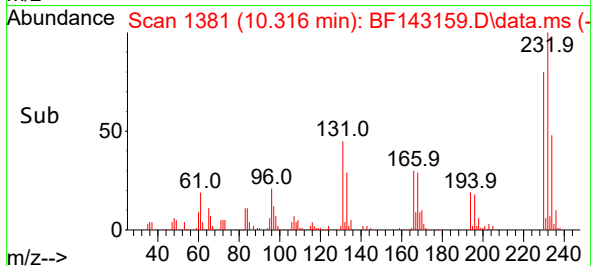
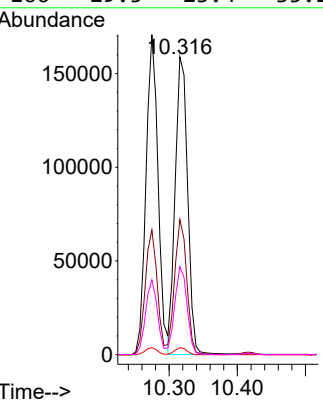
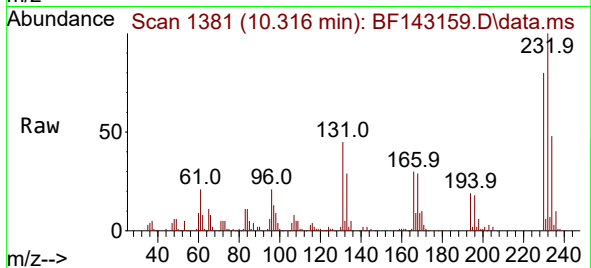




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.158 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

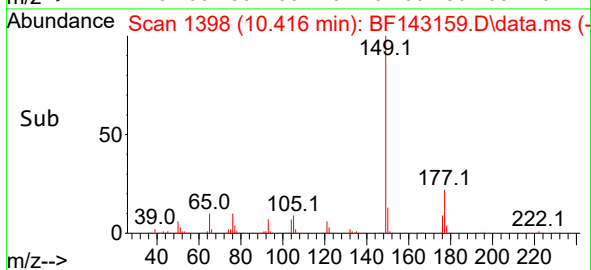
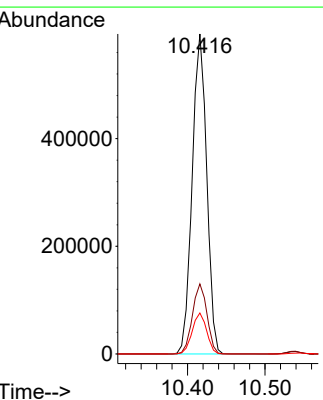
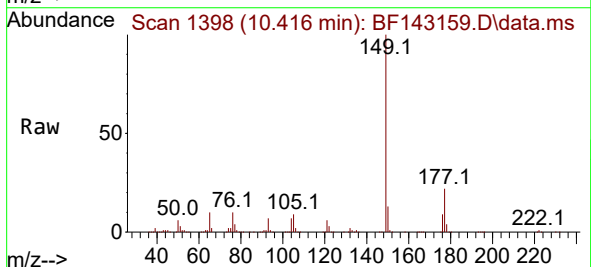
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

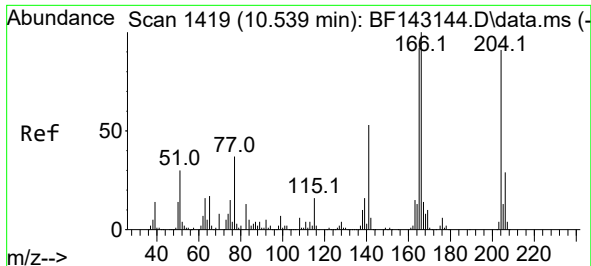
Tgt Ion:232 Resp: 200053
Ion Ratio Lower Upper
232 100
131 44.4 35.3 52.9
130 2.3 1.7 2.5
166 29.5 23.4 35.2



#60
Diethylphthalate
Concen: 38.881 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:149 Resp: 772963
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.8 10.2 15.2

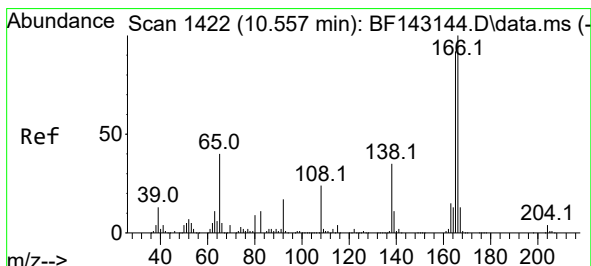
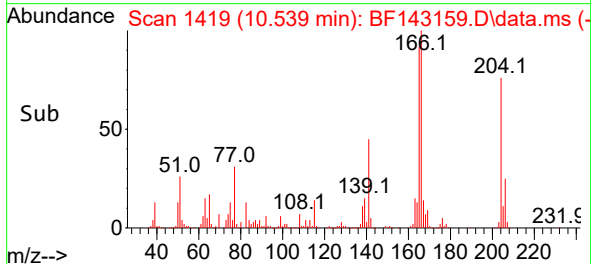
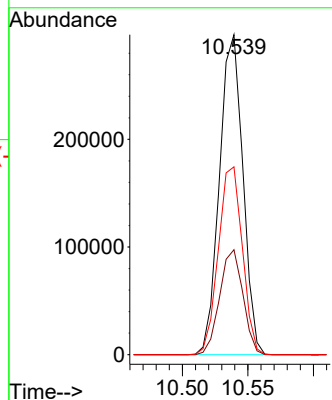
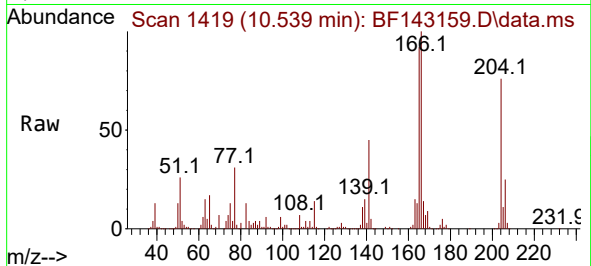




#61
4-Chlorophenyl-phenylether
Concen: 37.677 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

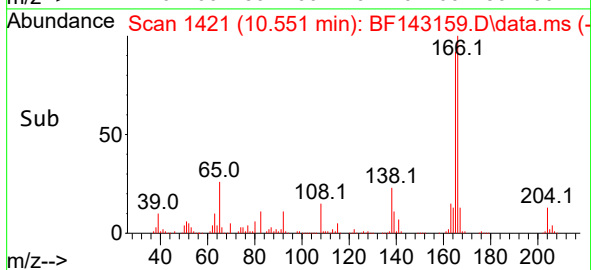
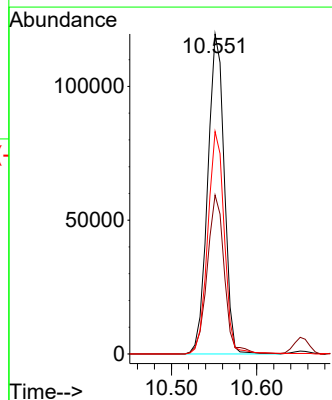
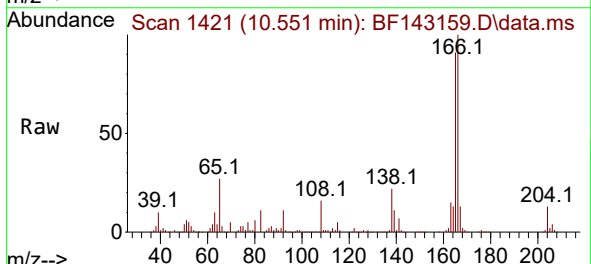
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

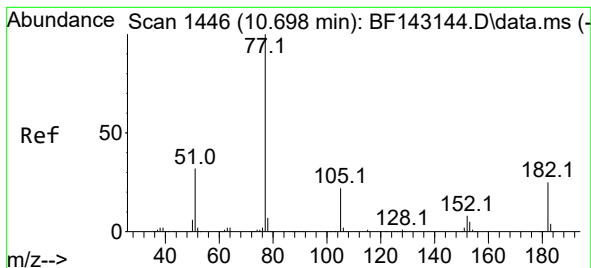
Tgt Ion:204 Resp: 368853
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 39.243 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:138 Resp: 160962
Ion Ratio Lower Upper
138 100
92 49.6 29.3 69.3
108 69.5 48.3 88.3





#63

Azobenzene

Concen: 38.661 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 801032

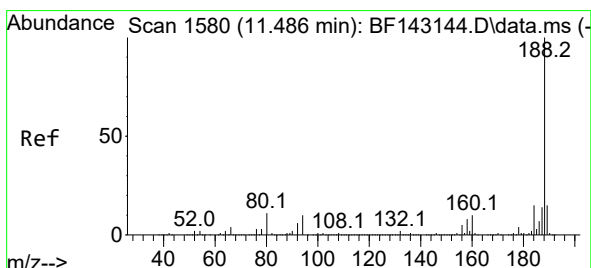
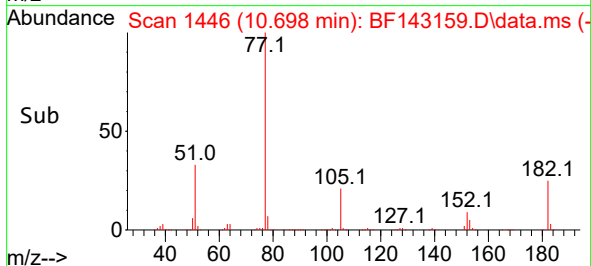
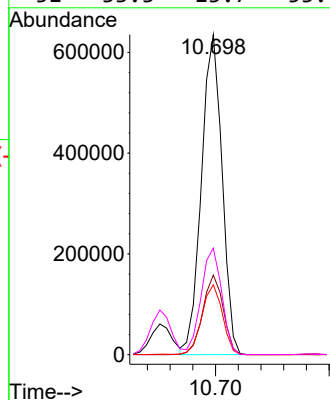
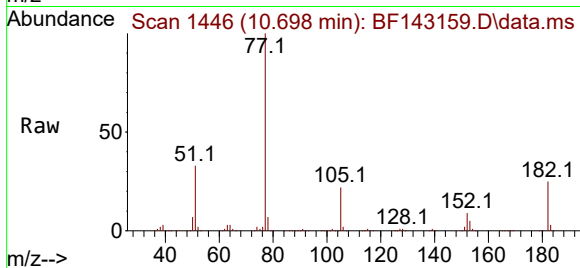
Ion Ratio Lower Upper

77 100

182 24.9 4.6 44.6

105 21.9 1.4 41.4

51 33.3 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

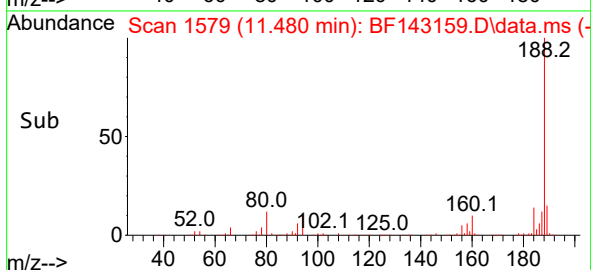
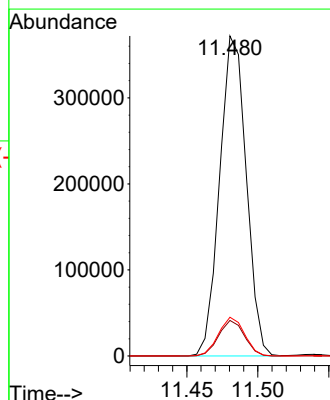
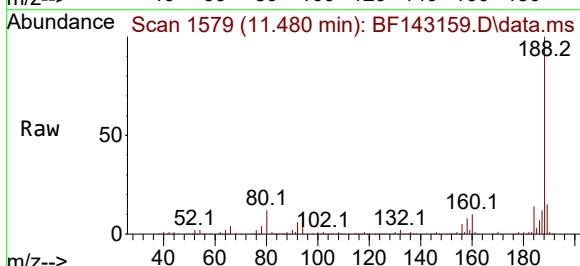
Tgt Ion:188 Resp: 484154

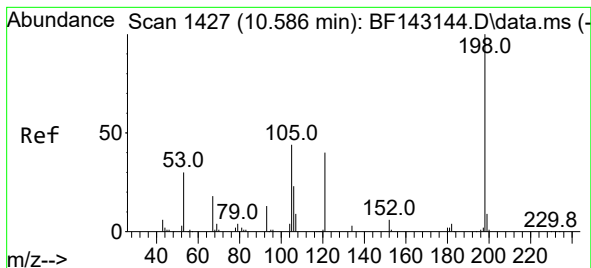
Ion Ratio Lower Upper

188 100

94 11.1 8.3 12.5

80 12.1 9.0 13.6

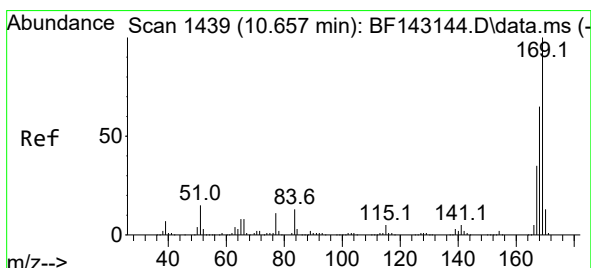
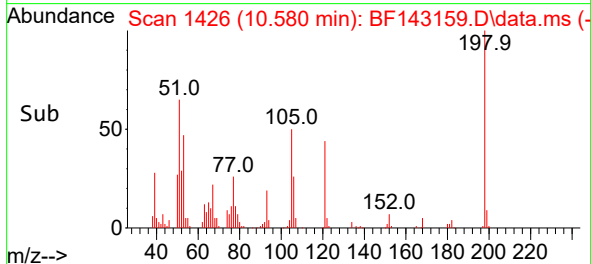
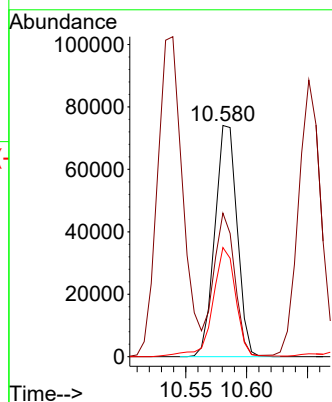
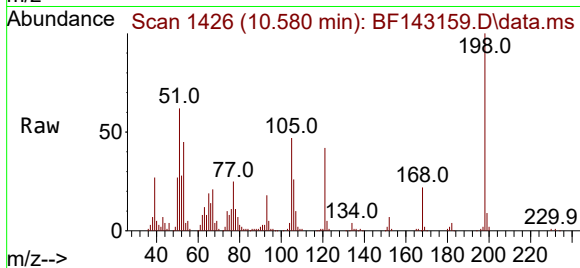




#65
4,6-Dinitro-2-methylphenol
Concen: 38.326 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

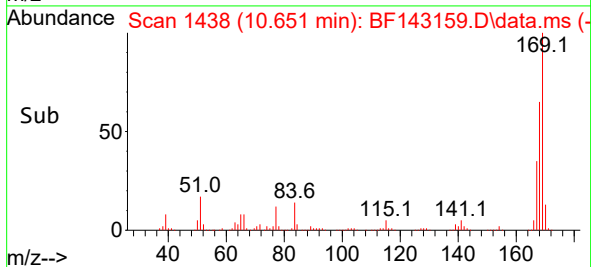
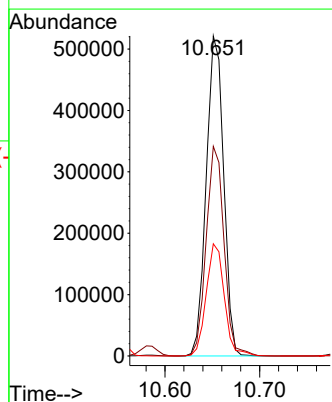
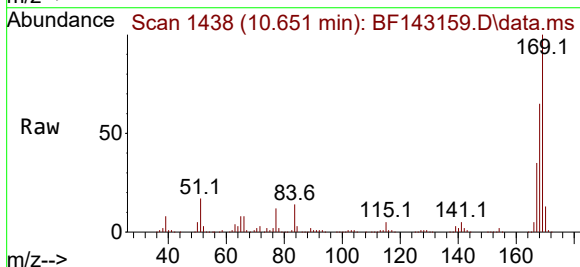
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

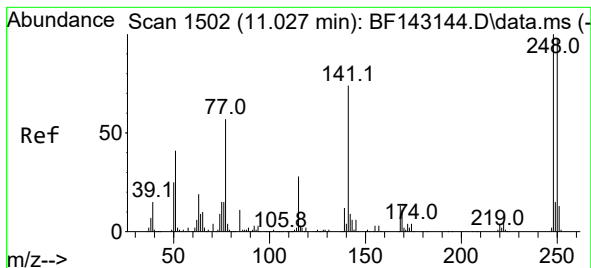
Tgt Ion:198 Resp: 94155
Ion Ratio Lower Upper
198 100
51 62.1 37.2 77.2
105 47.2 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 38.980 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:169 Resp: 664562
Ion Ratio Lower Upper
169 100
168 65.5 52.1 78.1
167 35.1 28.2 42.2

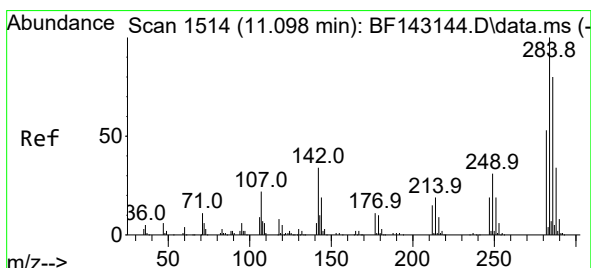
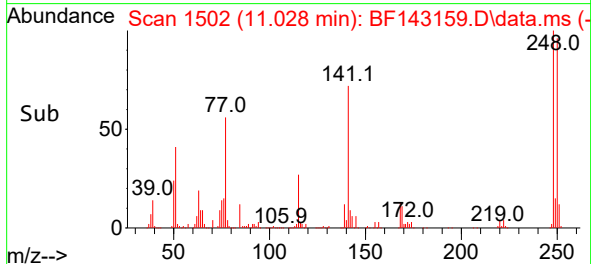
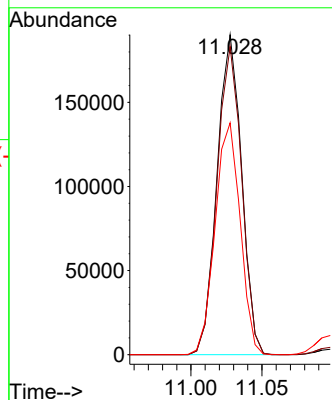
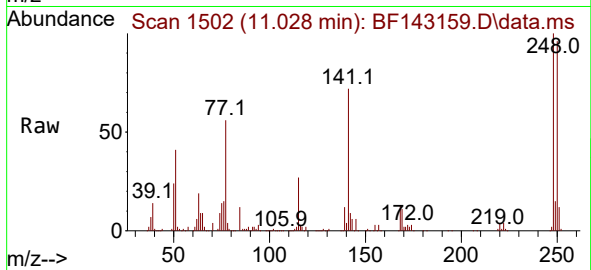




#67
4-Bromophenyl-phenylether
Concen: 39.655 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

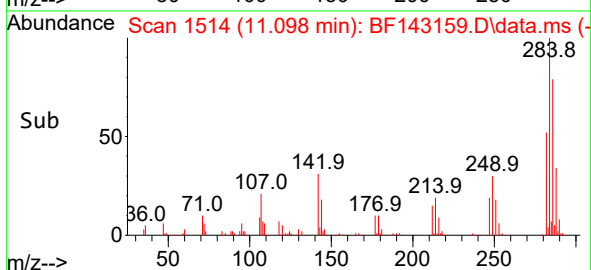
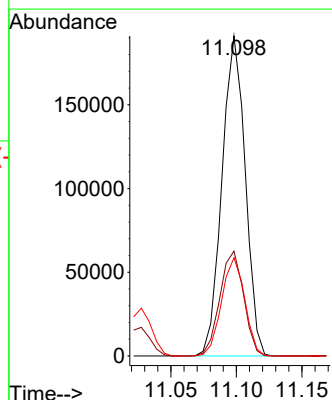
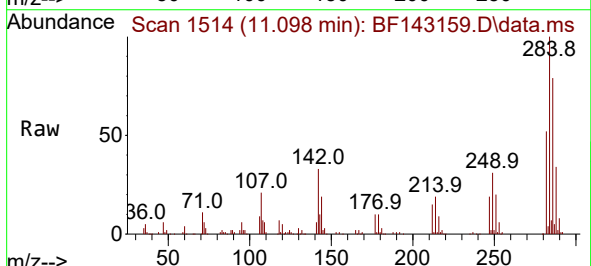
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

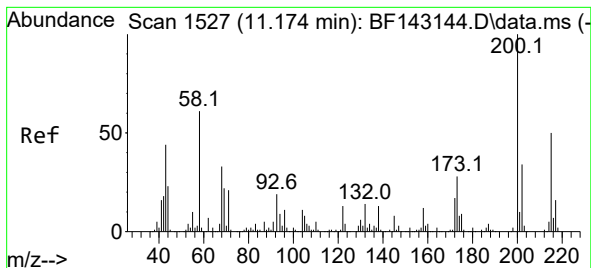
Tgt Ion:248 Resp: 228802
Ion Ratio Lower Upper
248 100
250 96.3 78.3 117.5
141 72.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.010 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:284 Resp: 235254
Ion Ratio Lower Upper
284 100
142 32.7 27.0 40.6
249 30.7 25.0 37.6





#69

Atrazine

Concen: 40.039 ng

RT: 11.175 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

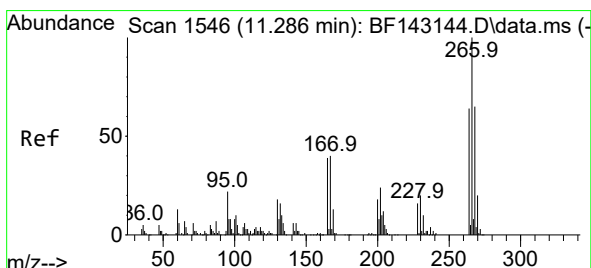
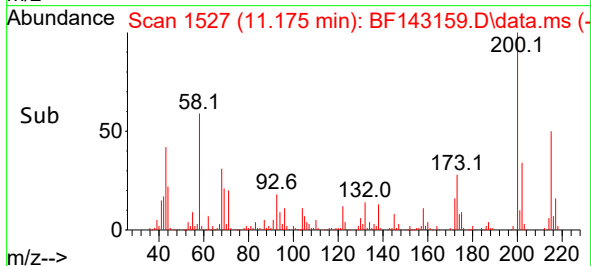
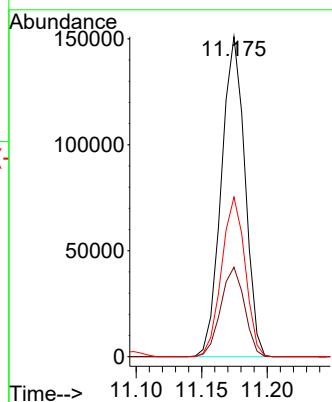
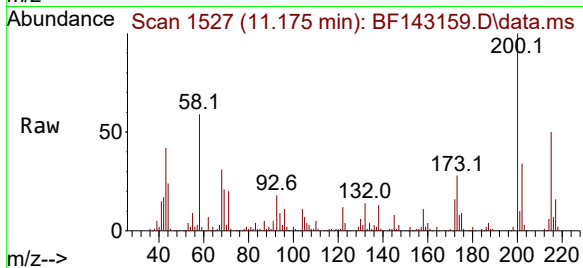
Tgt Ion:200 Resp: 188190

Ion Ratio Lower Upper

200 100

173 28.0 7.9 47.9

215 49.8 30.1 70.1



#70

Pentachlorophenol

Concen: 41.098 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

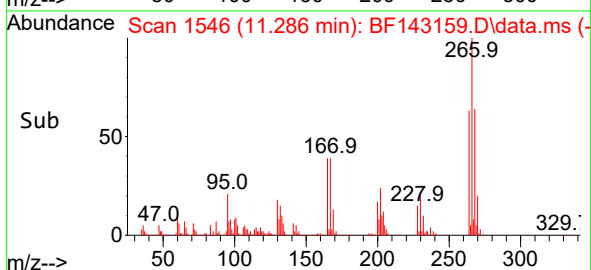
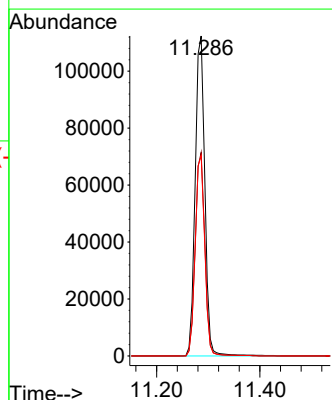
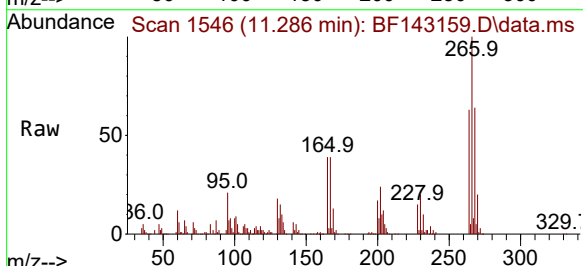
Tgt Ion:266 Resp: 145757

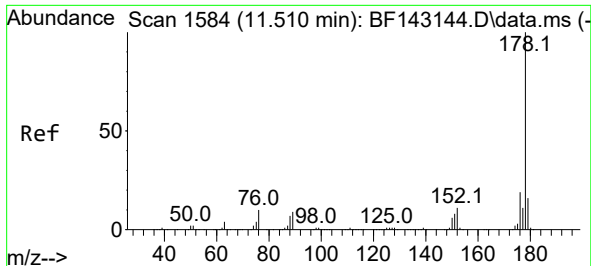
Ion Ratio Lower Upper

266 100

268 63.6 51.9 77.9

264 62.6 51.0 76.6

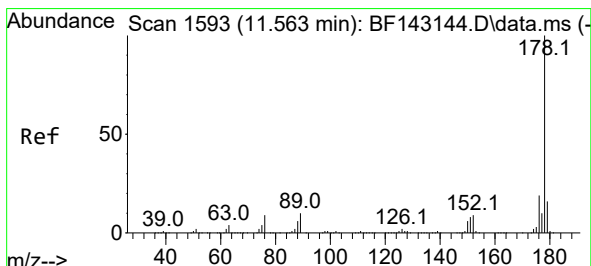
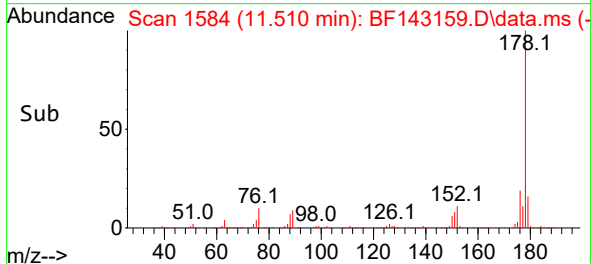
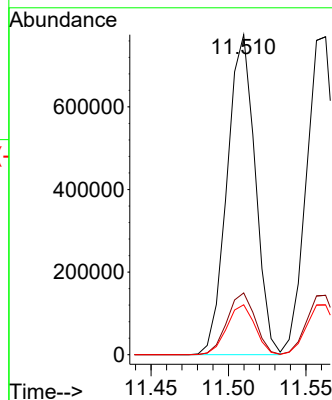
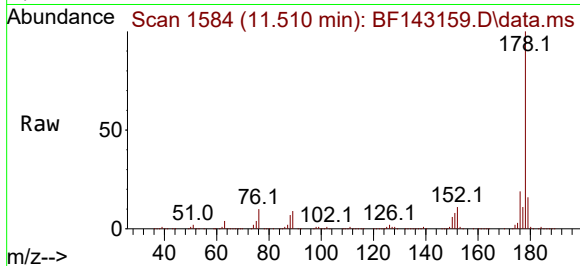




#71
Phenanthrene
Concen: 37.965 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

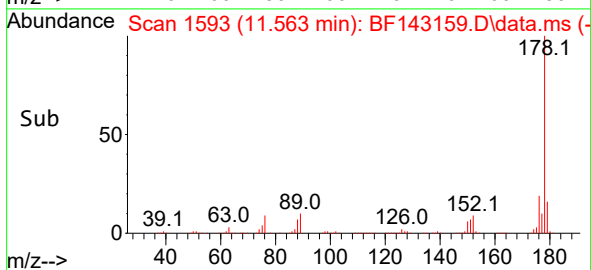
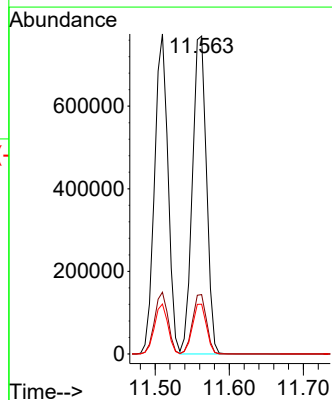
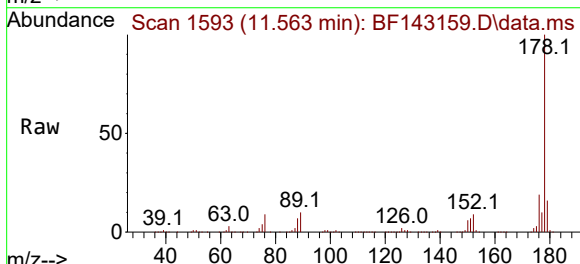
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

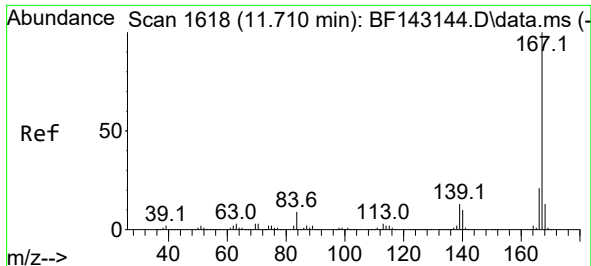
Tgt Ion:178 Resp: 975972
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 38.541 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:178 Resp: 1010485
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.5 18.7

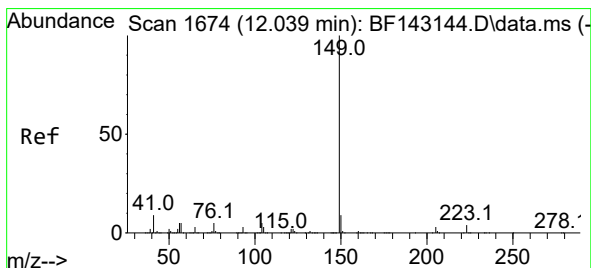
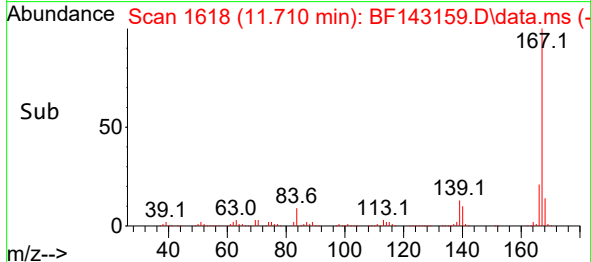
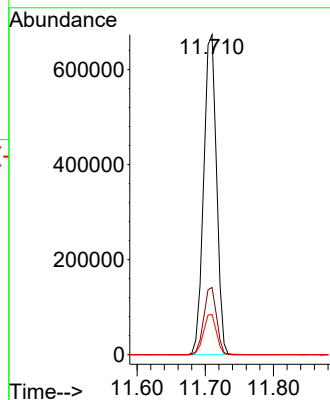
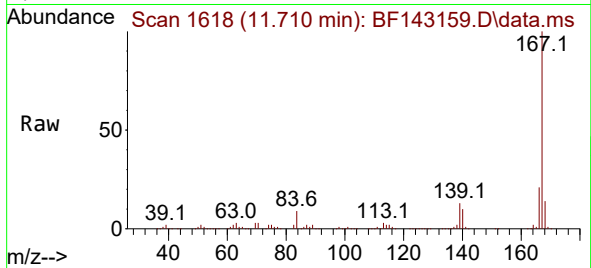




#73
Carbazole
Concen: 38.533 ng
RT: 11.710 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

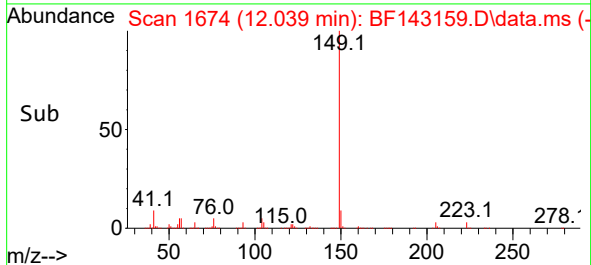
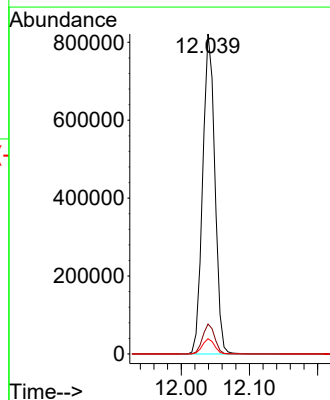
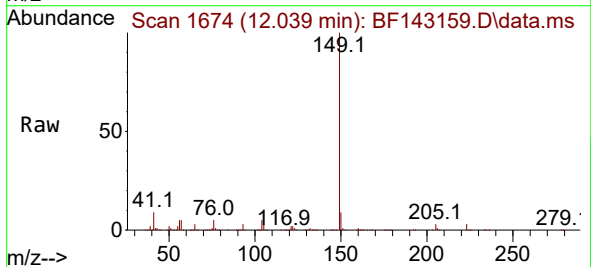
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

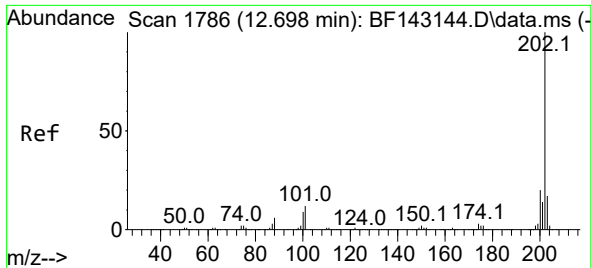
Tgt Ion:167 Resp: 882163
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.5 10.0 15.0



#74
Di-n-butylphthalate
Concen: 39.361 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:149 Resp: 1019612
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.8 3.8 5.8

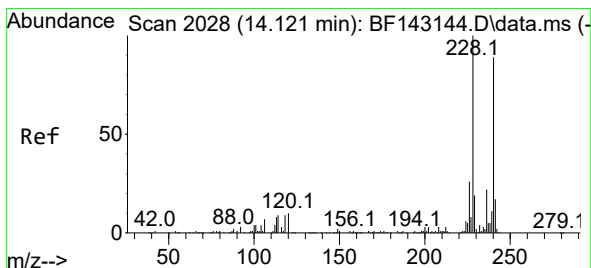
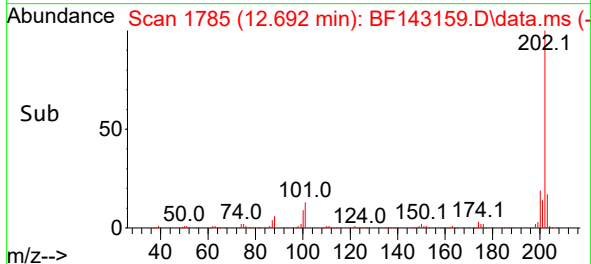
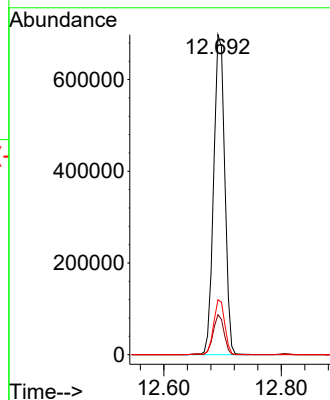
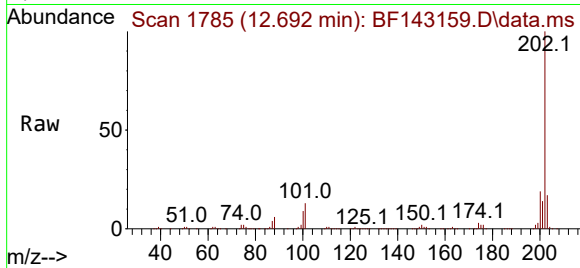




#75
Fluoranthene
Concen: 38.801 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

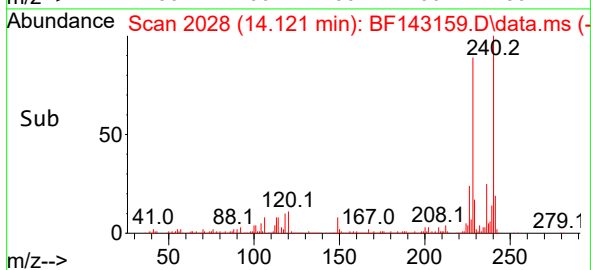
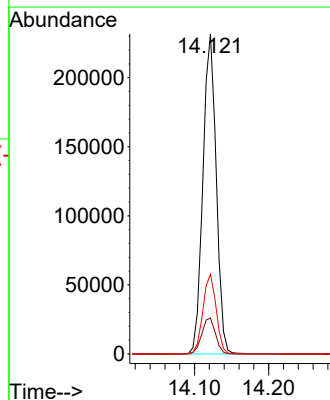
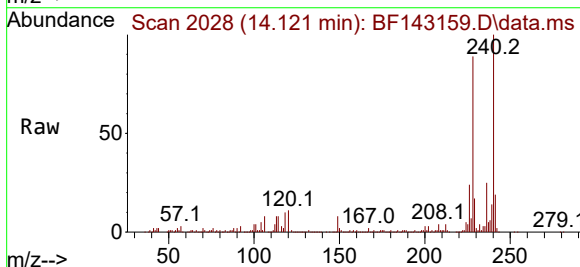
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

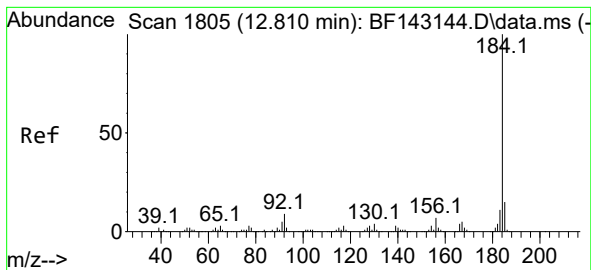
Tgt Ion:202 Resp: 915546
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:240 Resp: 288972
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 24.9 20.2 30.4





#77

Benzidine

Concen: 39.430 ng

RT: 12.810 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

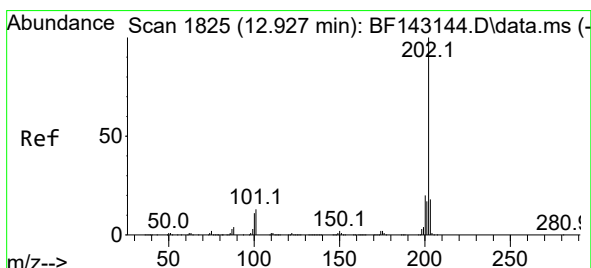
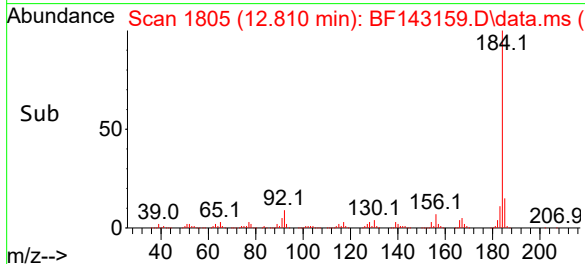
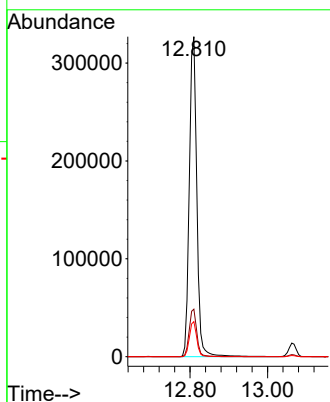
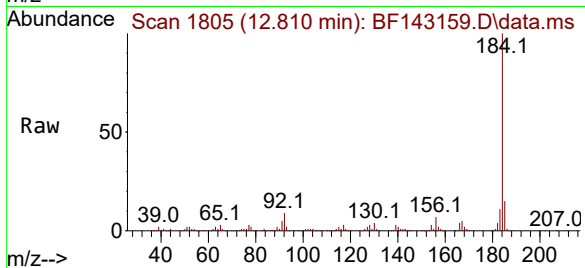
Tgt Ion:184 Resp: 438982

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

183 11.0 9.0 13.4



#78

Pyrene

Concen: 36.600 ng

RT: 12.921 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

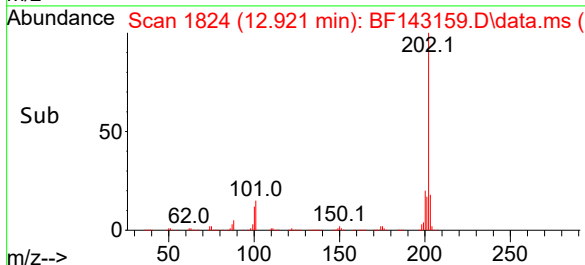
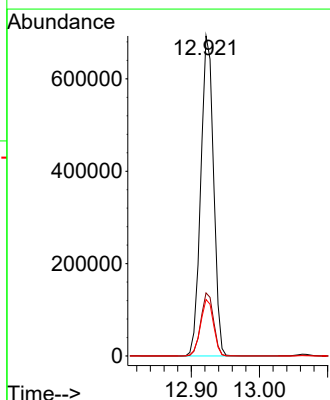
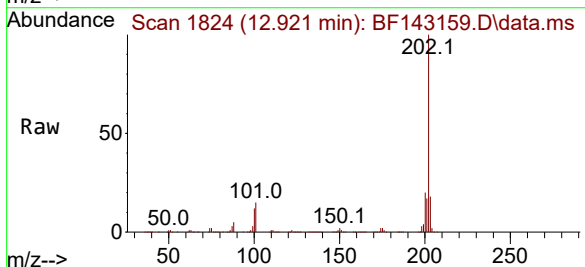
Tgt Ion:202 Resp: 902645

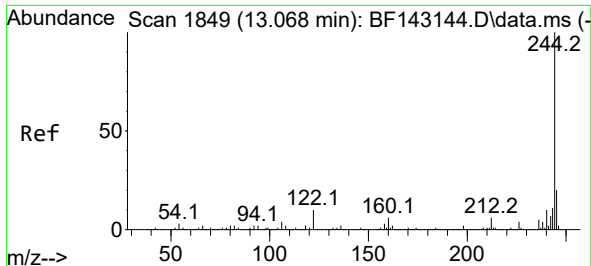
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.6 14.2 21.2

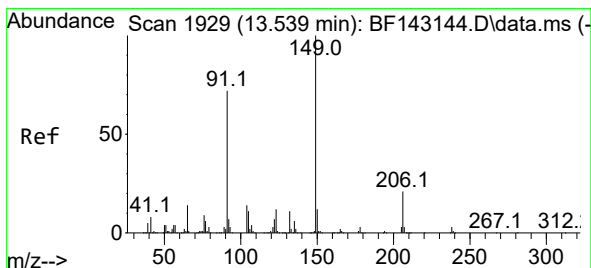
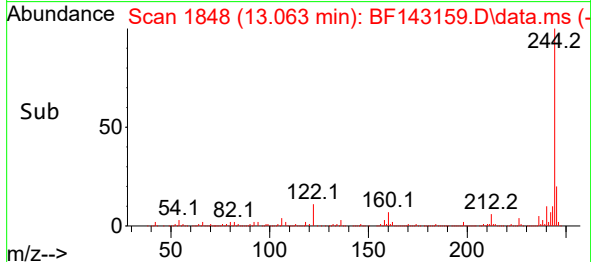
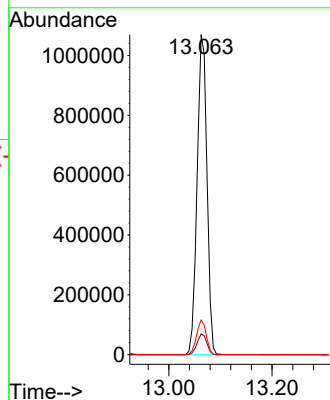
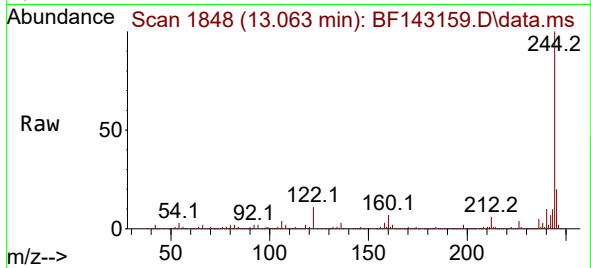




#79
 Terphenyl-d14
 Concen: 72.598 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143159.D
 Acq: 18 Jul 2025 11:24

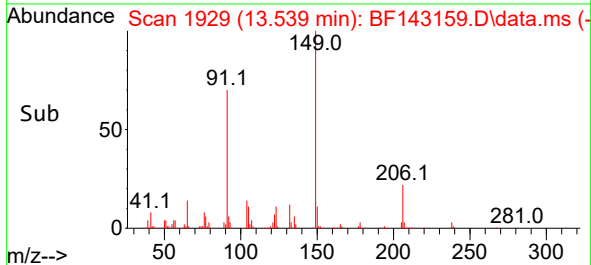
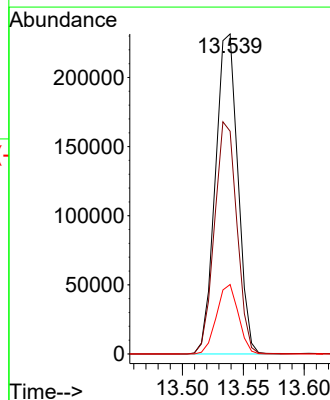
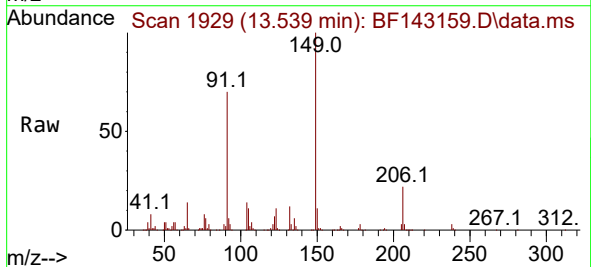
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

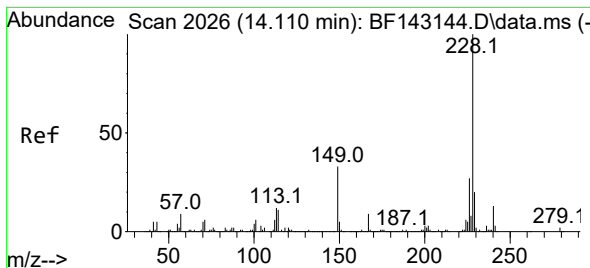
Tgt Ion:244 Resp: 1409765
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.8 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 39.398 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143159.D
 Acq: 18 Jul 2025 11:24

Tgt Ion:149 Resp: 297533
 Ion Ratio Lower Upper
 149 100
 91 69.6 57.9 86.9
 206 21.7 17.0 25.4





#81

Benzo(a)anthracene

Concen: 38.300 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

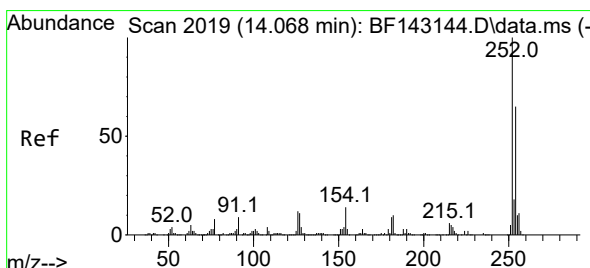
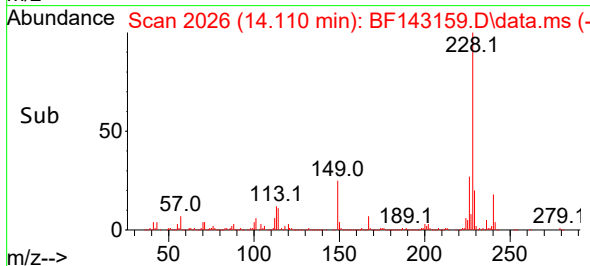
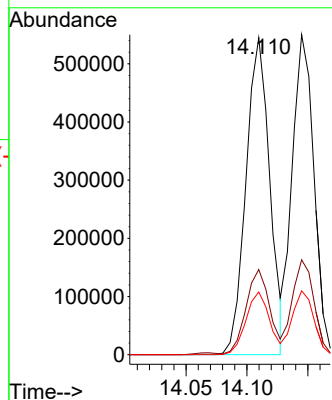
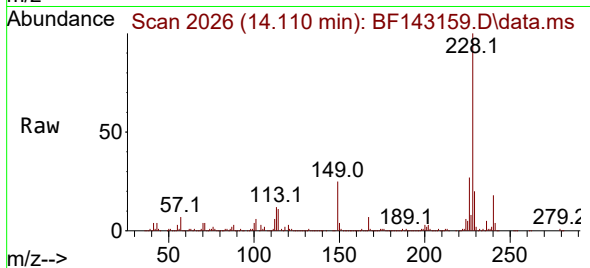
Tgt Ion:228 Resp: 740974

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 39.157 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

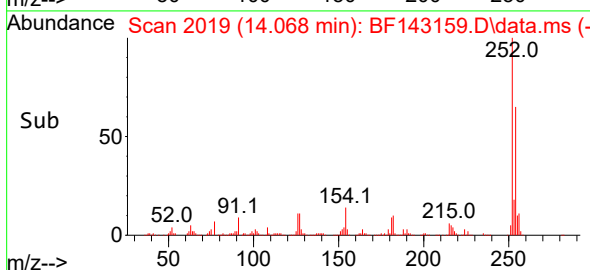
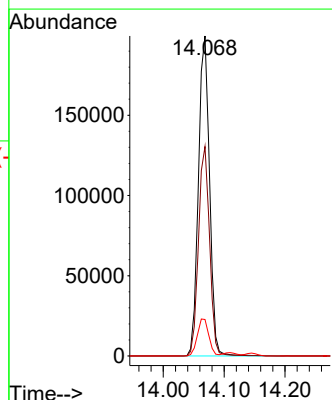
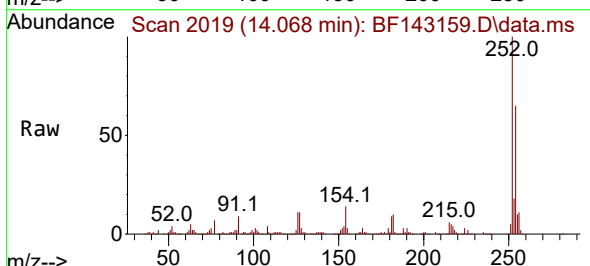
Tgt Ion:252 Resp: 252484

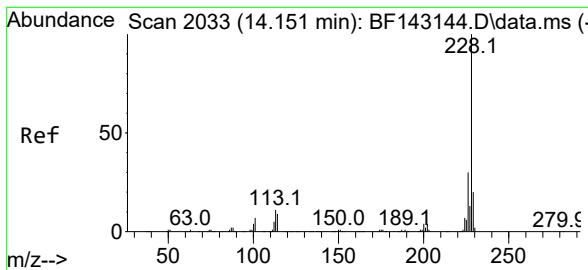
Ion Ratio Lower Upper

252 100

254 65.4 51.7 77.5

126 11.4 9.4 14.0





#83

Chrysene

Concen: 39.426 ng

RT: 14.145 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

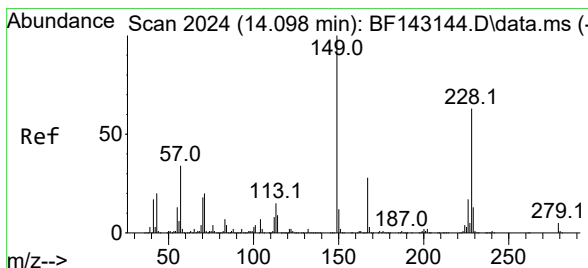
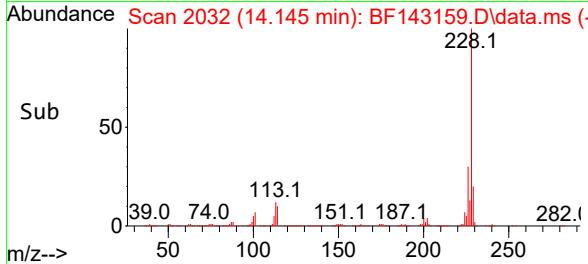
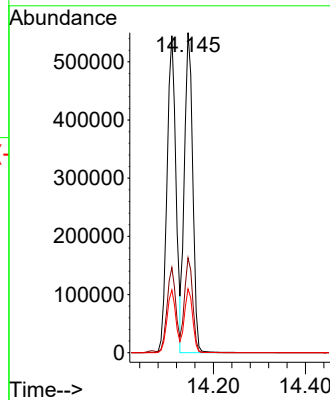
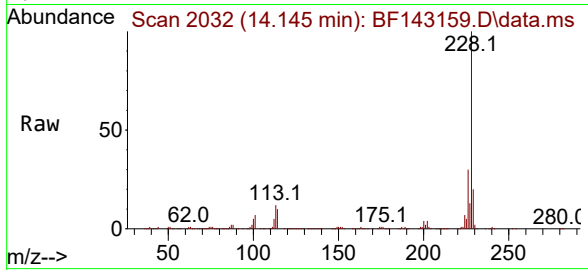
Tgt Ion:228 Resp: 685795

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.907 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

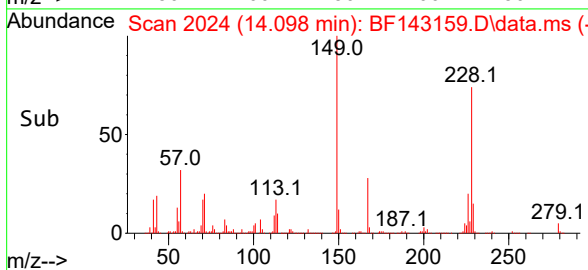
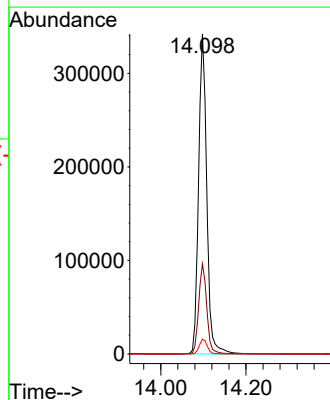
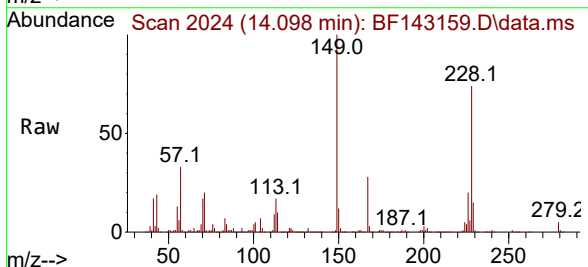
Tgt Ion:149 Resp: 456161

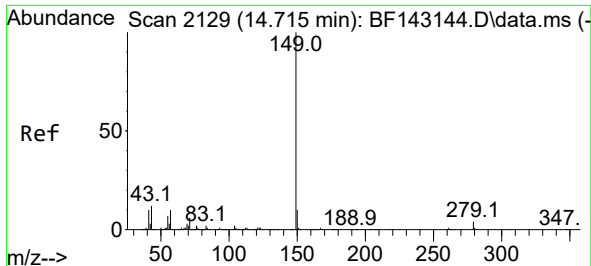
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 4.6 3.6 5.4

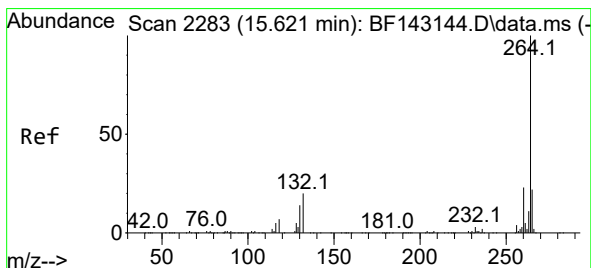
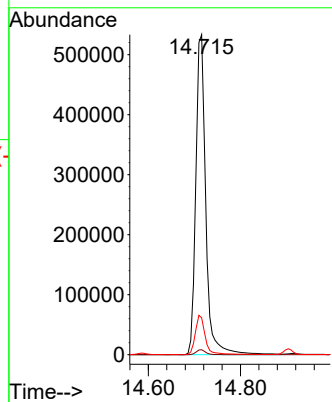
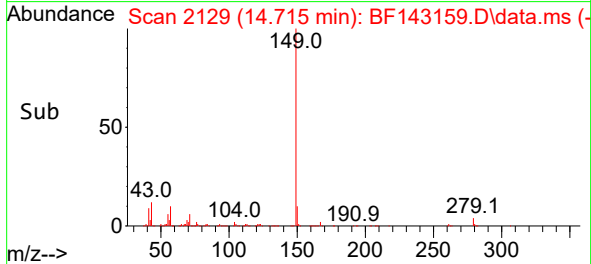
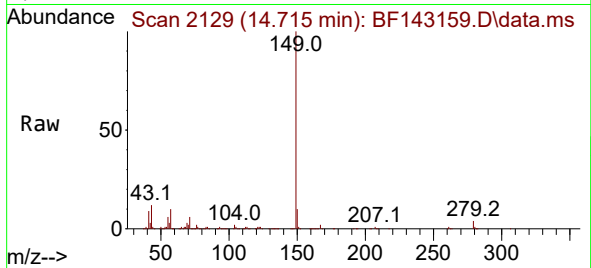




#85
Di-n-octyl phthalate
Concen: 38.530 ng
RT: 14.715 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

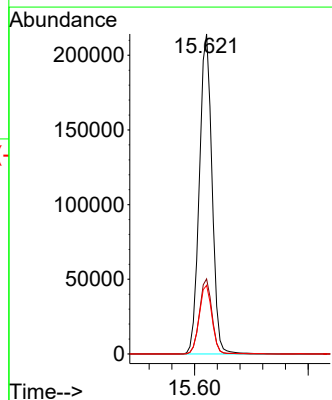
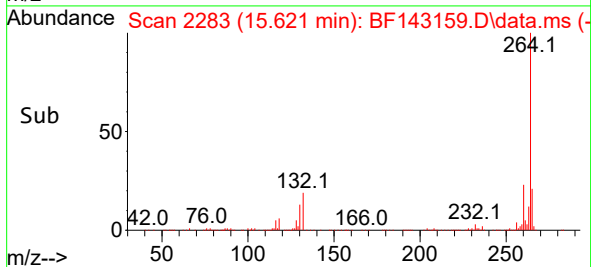
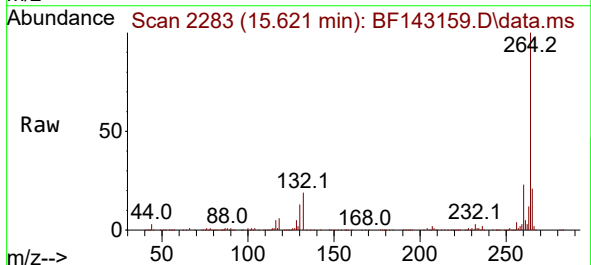
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

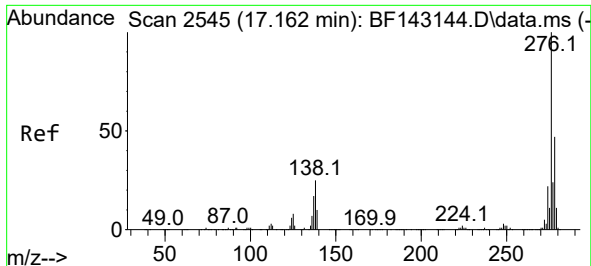
Tgt Ion:149 Resp: 798316
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.5 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

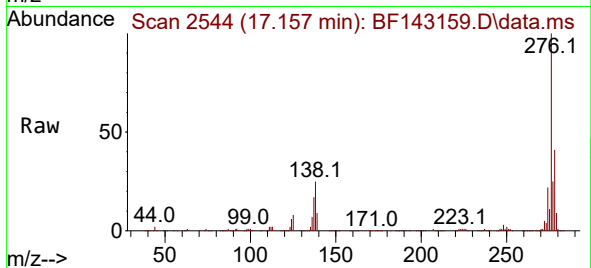
Tgt Ion:264 Resp: 331263
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.5 17.4 26.2



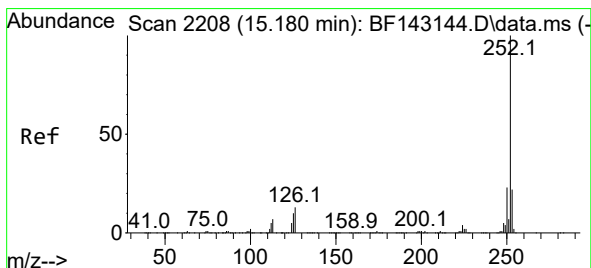
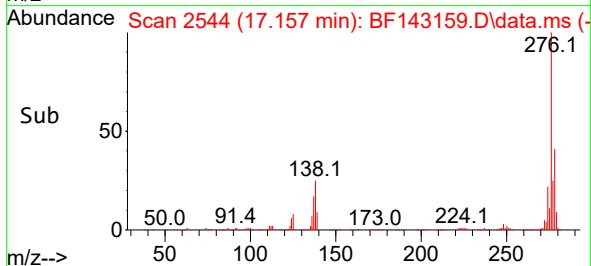
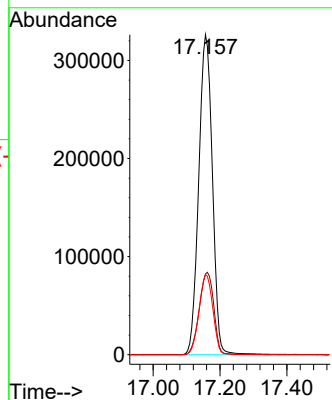


#87
Indeno(1,2,3-cd)pyrene
Concen: 39.594 ng
RT: 17.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

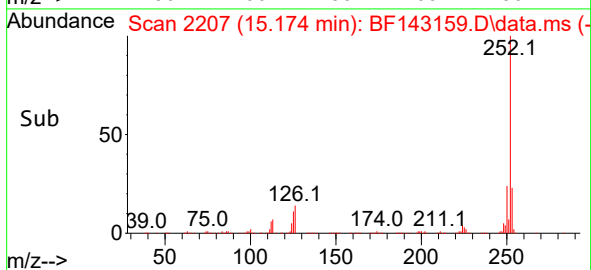
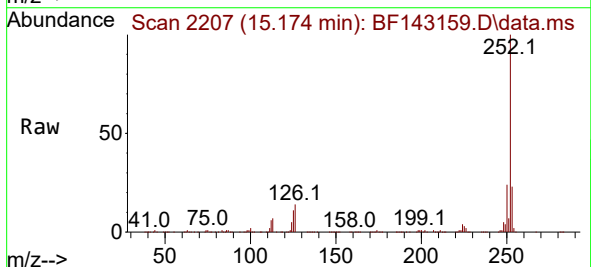
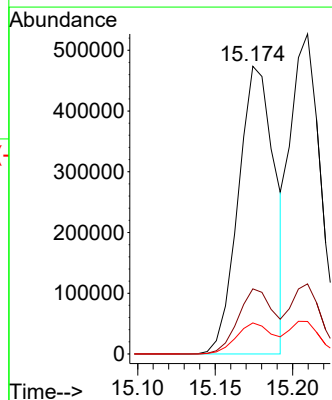


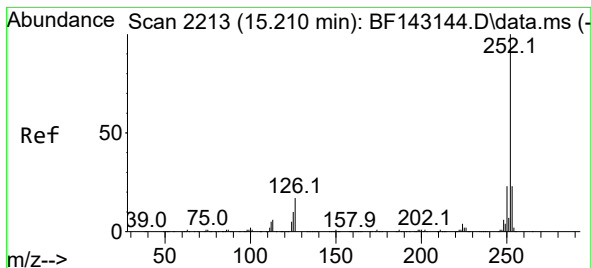
Tgt Ion:276 Resp: 924864
Ion Ratio Lower Upper
276 100
138 27.4 21.8 32.6
277 25.4 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 38.273 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:252 Resp: 774544
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 39.341 ng

RT: 15.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

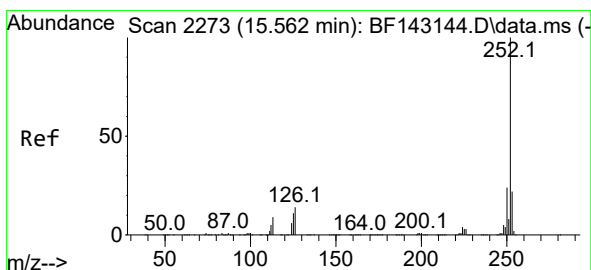
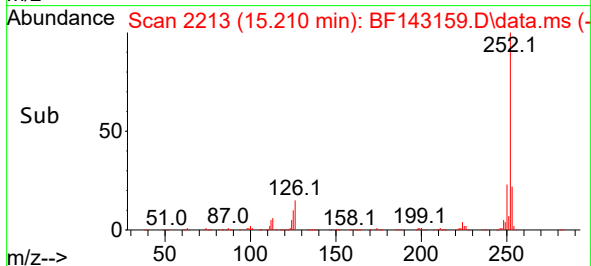
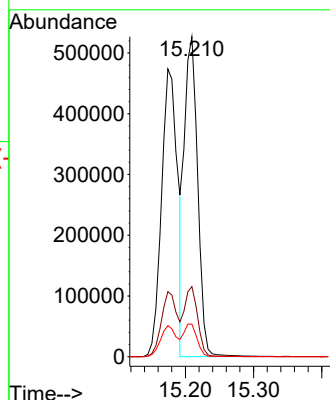
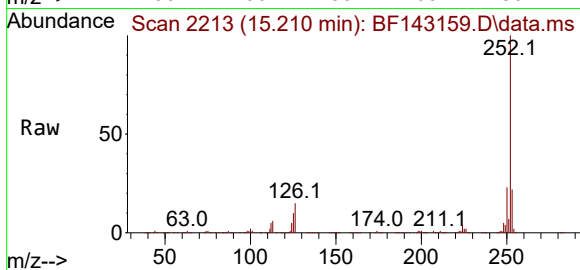
Tgt Ion:252 Resp: 710438

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.362 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF143159.D

Acq: 18 Jul 2025 11:24

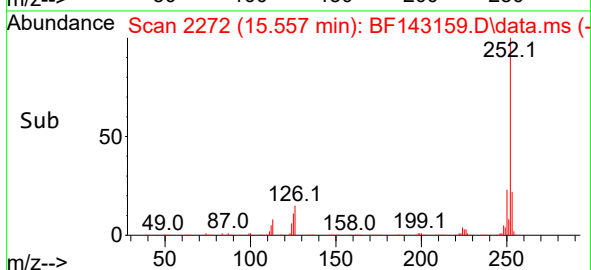
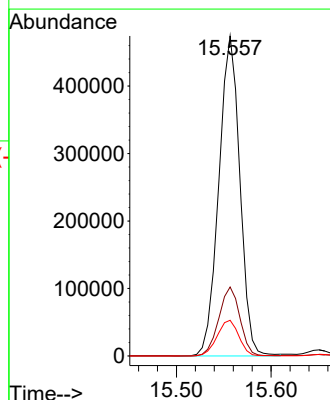
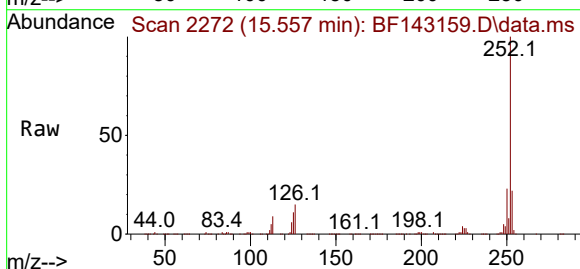
Tgt Ion:252 Resp: 733915

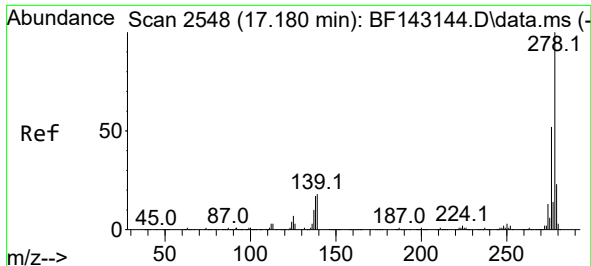
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 11.1 8.6 13.0

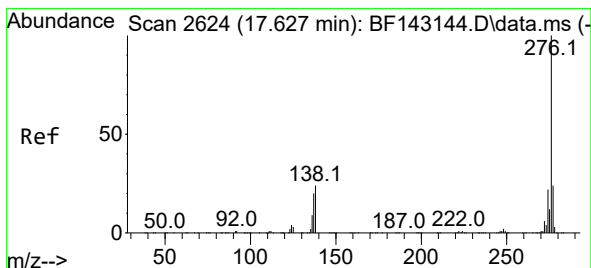
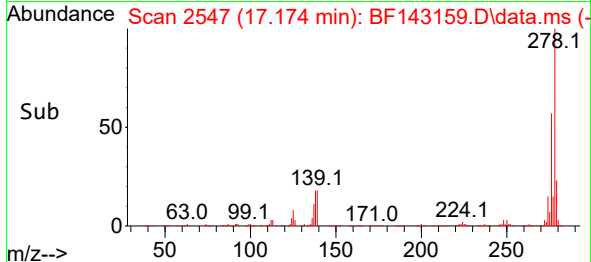
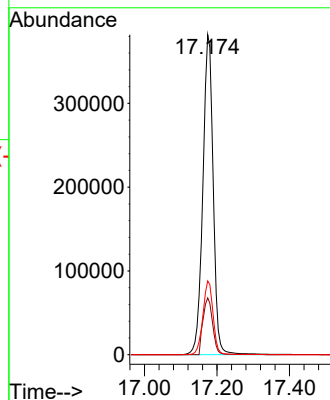
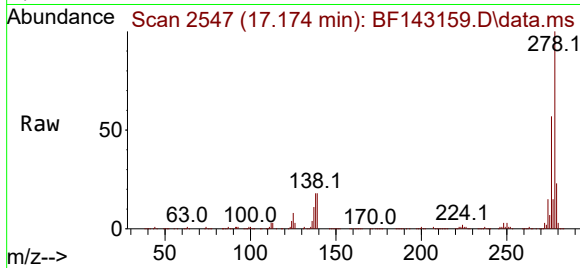




#91
Dibenzo(a,h)anthracene
Concen: 39.900 ng
RT: 17.174 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 758585
Ion Ratio Lower Upper
278 100
139 17.8 14.1 21.1
279 23.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 40.073 ng
RT: 17.621 min Scan# 2623
Delta R.T. -0.006 min
Lab File: BF143159.D
Acq: 18 Jul 2025 11:24

Tgt Ion:276 Resp: 736996
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 23.5 18.9 28.3

