

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143288.D
 Acq On : 01 Aug 2025 17:58
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 01 18:28:19 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	157084	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	586115	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287435	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	450669	20.000	ng	0.00
76) Chrysene-d12	14.127	240	306544	20.000	ng	0.00
86) Perylene-d12	15.633	264	353465	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	699790	70.497	ng	0.00
7) Phenol-d6	6.587	99	886106	70.920	ng	0.00
23) Nitrobenzene-d5	7.522	82	864748	73.544	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	213072	71.757	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1469638	69.926	ng	0.00
79) Terphenyl-d14	13.069	244	1286893	62.472	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	167350	35.629	ng	98
3) Pyridine	3.569	79	433600	35.566	ng	97
4) n-Nitrosodimethylamine	3.510	42	229305	36.430	ng	99
6) Aniline	6.622	93	609608	35.008	ng	99
8) 2-Chlorophenol	6.746	128	373586	35.904	ng	99
9) Benzaldehyde	6.510	77	336216	35.886	ng	98
10) Phenol	6.604	94	508280	37.342	ng	97
11) bis(2-Chloroethyl)ether	6.693	93	377244	36.198	ng	100
12) 1,3-Dichlorobenzene	6.904	146	404044	35.746	ng	99
13) 1,4-Dichlorobenzene	6.981	146	403415	35.440	ng	100
14) 1,2-Dichlorobenzene	7.134	146	383013	35.377	ng	99
15) Benzyl Alcohol	7.098	79	332743	34.878	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	689272	35.653	ng	98
17) 2-Methylphenol	7.210	107	308503	35.262	ng	99
18) Hexachloroethane	7.475	117	144265	36.610	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	267054	33.315	ng	98
20) 3+4-Methylphenols	7.357	107	371404	34.990	ng	93
22) Acetophenone	7.369	105	479156	34.530	ng	# 99
24) Nitrobenzene	7.540	77	402946	36.757	ng	99
25) Isophorone	7.781	82	734589	35.390	ng	98
26) 2-Nitrophenol	7.857	139	194931	40.972	ng	98
27) 2,4-Dimethylphenol	7.887	122	330052	34.033	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	449491	36.117	ng	99
29) 2,4-Dichlorophenol	8.098	162	296354	36.236	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	316617	35.834	ng	99
31) Naphthalene	8.263	128	1034133	35.826	ng	100
32) Benzoic acid	7.992	122	186164m	35.580	ng	
33) 4-Chloroaniline	8.304	127	415041	35.214	ng	99
34) Hexachlorobutadiene	8.387	225	198055	36.694	ng	100
35) Caprolactam	8.675	113	90151	36.477	ng	99
36) 4-Chloro-3-methylphenol	8.787	107	311061	34.993	ng	98
37) 2-Methylnaphthalene	8.957	142	620655	35.335	ng	100
38) 1-Methylnaphthalene	9.057	142	638684	35.311	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	304055	36.639	ng	100
41) Hexachlorocyclopentadiene	9.110	237	178421	33.043	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	201409	35.068	ng	99

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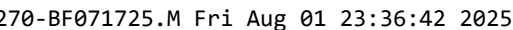
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	210128	36.575	ng	98
46) 1,1'-Biphenyl	9.416	154	813804	36.289	ng	99
47) 2-Chloronaphthalene	9.445	162	602370	36.302	ng	99
48) 2-Nitroaniline	9.534	65	201902	38.800	ng	99
49) Acenaphthylene	9.863	152	998333	35.901	ng	100
50) Dimethylphthalate	9.716	163	674291	35.989	ng	99
51) 2,6-Dinitrotoluene	9.775	165	148080	38.852	ng	97
52) Acenaphthene	10.034	154	601572	36.602	ng	99
53) 3-Nitroaniline	9.939	138	164802	36.967	ng	99
54) 2,4-Dinitrophenol	10.045	184	68950	43.254	ng	# 44
55) Dibenzofuran	10.204	168	860060	35.246	ng	99
56) 4-Nitrophenol	10.098	139	113812	34.188	ng	96
57) 2,4-Dinitrotoluene	10.175	165	191247	39.995	ng	96
58) Fluorene	10.545	166	640182	34.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	173446	36.446	ng	98
60) Diethylphthalate	10.410	149	652797	35.251	ng	100
61) 4-Chlorophenyl-phenyle...	10.534	204	326212	35.772	ng	100
62) 4-Nitroaniline	10.551	138	145054	37.964	ng	98
63) Azobenzene	10.698	77	683795	35.429	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	95227	41.175	ng	99
66) n-Nitrosodiphenylamine	10.651	169	569097	35.861	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	194997	36.307	ng	98
68) Hexachlorobenzene	11.098	284	194813	34.704	ng	99
69) Atrazine	11.175	200	165836	37.905	ng	99
70) Pentachlorophenol	11.292	266	175260	53.089	ng	98
71) Phenanthrene	11.510	178	839717	35.092	ng	100
72) Anthracene	11.563	178	865101	35.448	ng	100
73) Carbazole	11.710	167	771577	36.207	ng	100
74) Di-n-butylphthalate	12.039	149	921529	38.218	ng	100
75) Fluoranthene	12.698	202	822544	37.450	ng	99
77) Benzidine	12.810	184	401974	34.036	ng	99
78) Pyrene	12.927	202	841990	32.184	ng	100
80) Butylbenzylphthalate	13.539	149	335256	41.849	ng	99
81) Benzo(a)anthracene	14.116	228	729897	35.565	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	255647	37.375	ng	99
83) Chrysene	14.151	228	675018	36.582	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	460189	37.952	ng	100
85) Di-n-octyl phthalate	14.716	149	793509	36.103	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	924899	37.109	ng	100
88) Benzo(b)fluoranthene	15.186	252	717809	33.242	ng	100
89) Benzo(k)fluoranthene	15.216	252	744955	38.661	ng	99
90) Benzo(a)pyrene	15.568	252	725136	36.448	ng	100
91) Dibenzo(a,h)anthracene	17.192	278	747014	36.823	ng	99
92) Benzo(g,h,i)perylene	17.645	276	736839	37.548	ng	100

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

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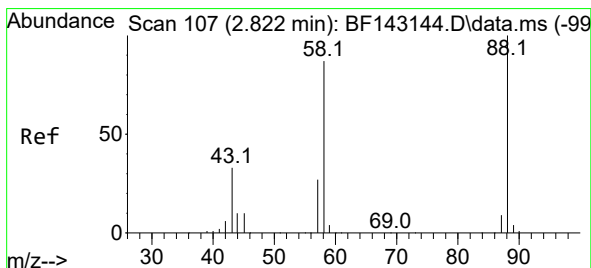
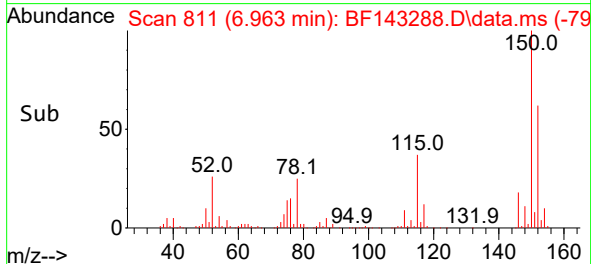
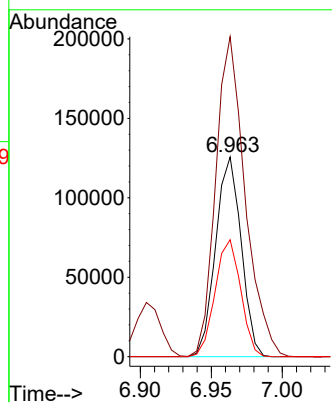
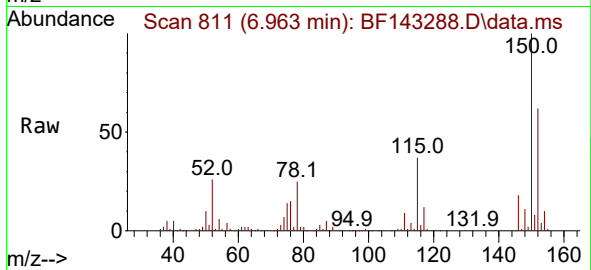




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143288.D
 Acq: 01 Aug 2025 17:58

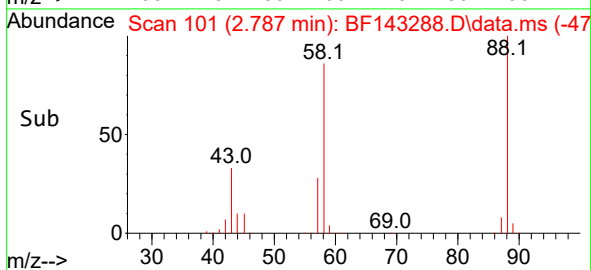
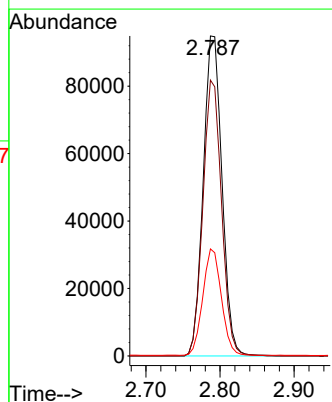
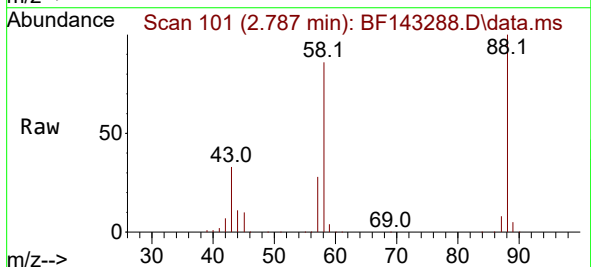
Instrument :
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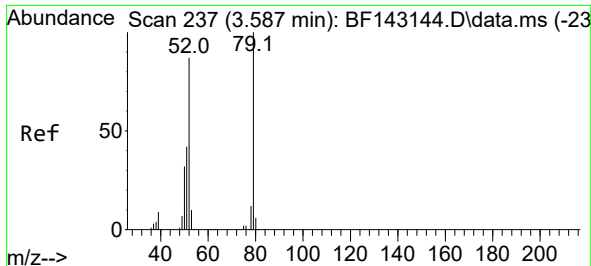
Tgt Ion:152 Resp: 157084
 Ion Ratio Lower Upper
 152 100
 150 160.2 128.2 192.4
 115 58.5 47.9 71.9



#2
 1,4-Dioxane
 Concen: 35.629 ng
 RT: 2.787 min Scan# 101
 Delta R.T. -0.035 min
 Lab File: BF143288.D
 Acq: 01 Aug 2025 17:58

Tgt Ion: 88 Resp: 167350
 Ion Ratio Lower Upper
 88 100
 58 85.7 70.2 105.2
 43 32.8 27.1 40.7

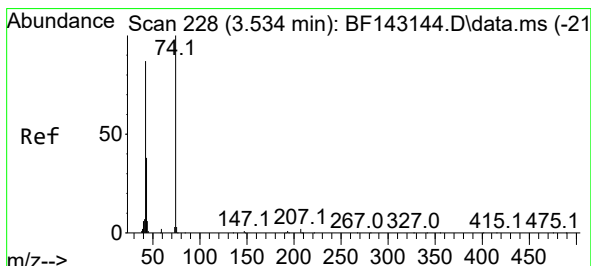
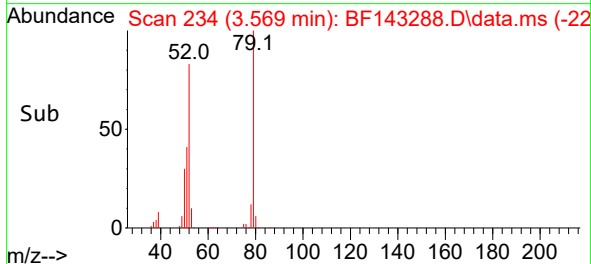
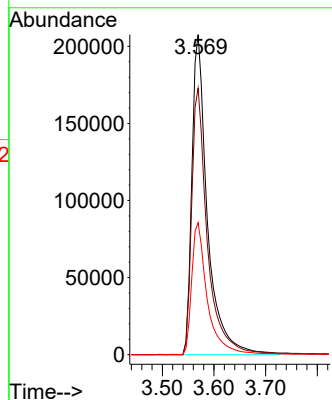
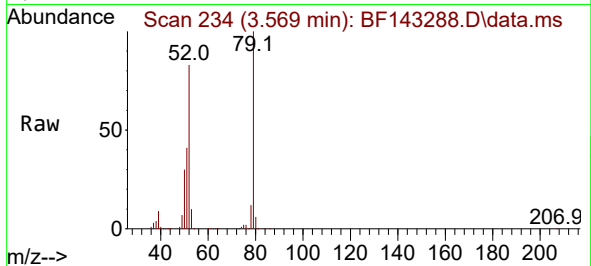




#3
Pyridine
Concen: 35.566 ng
RT: 3.569 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

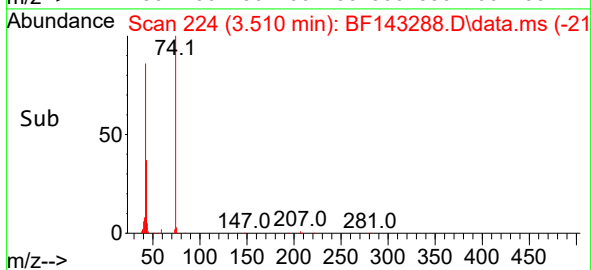
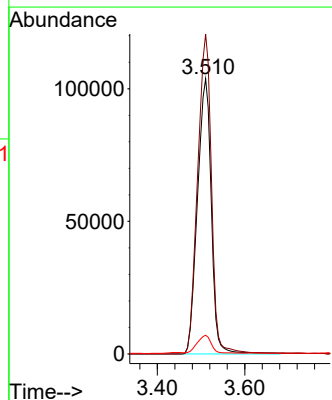
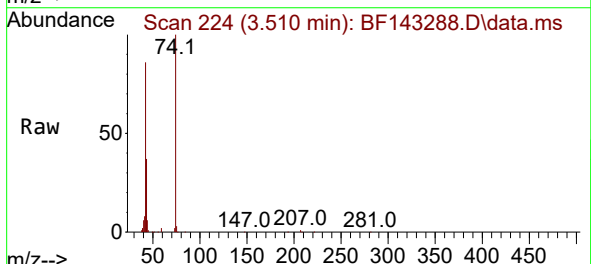
Instrument :
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ClientSampleId :
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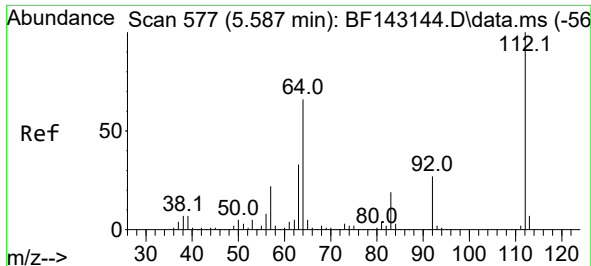
Tgt Ion: 79 Resp: 433600
Ion Ratio Lower Upper
79 100
52 83.3 69.4 104.2
51 41.3 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 36.430 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion: 42 Resp: 229305
Ion Ratio Lower Upper
42 100
74 116.3 91.7 137.5
44 6.8 5.6 8.4

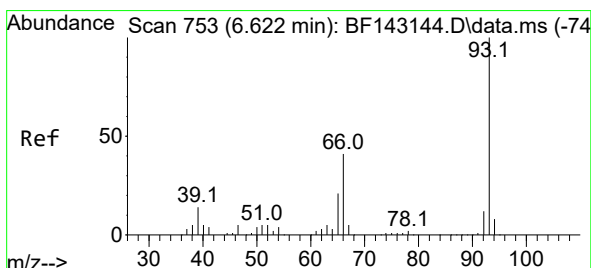
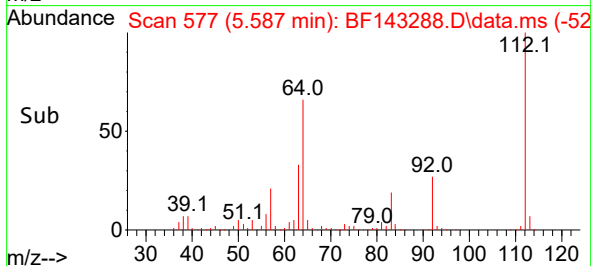
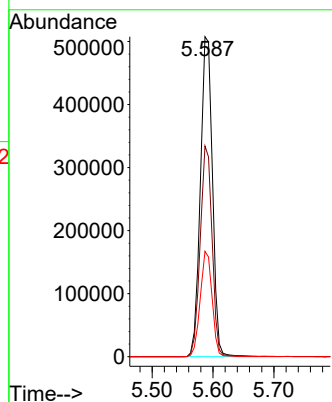
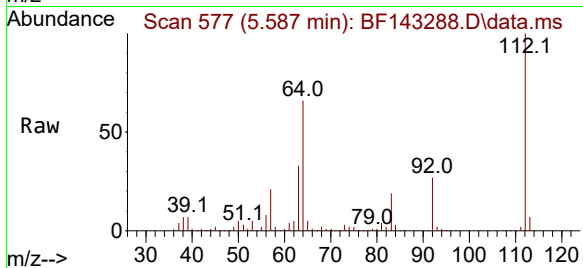




#5
2-Fluorophenol
Concen: 70.497 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

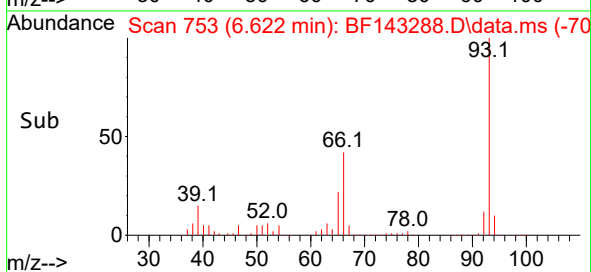
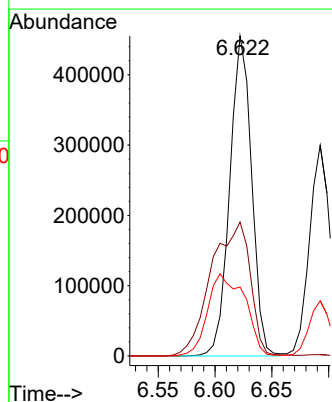
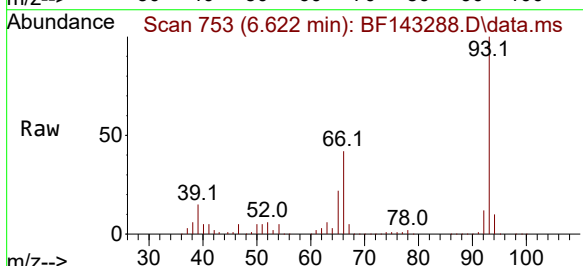
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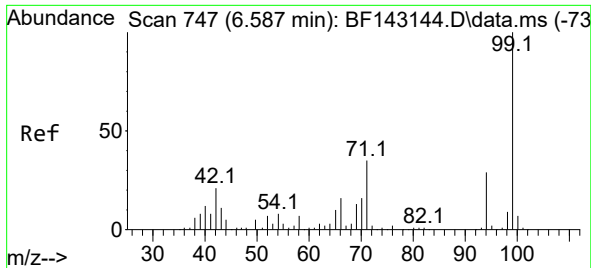
Tgt Ion:112 Resp: 699790
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 32.9 26.6 40.0



#6
Aniline
Concen: 35.008 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion: 93 Resp: 609608
Ion Ratio Lower Upper
93 100
66 41.9 33.2 49.8
65 21.5 16.9 25.3

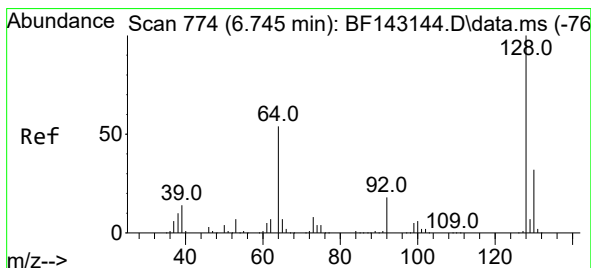
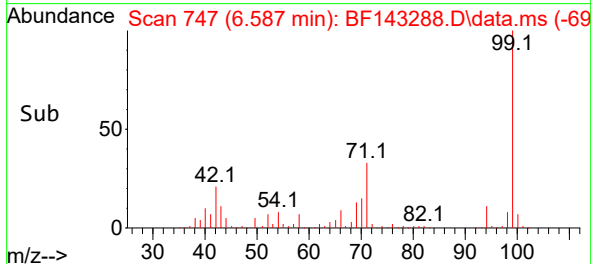
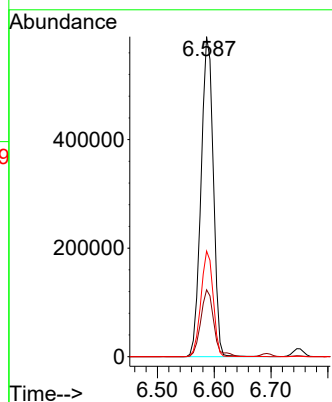
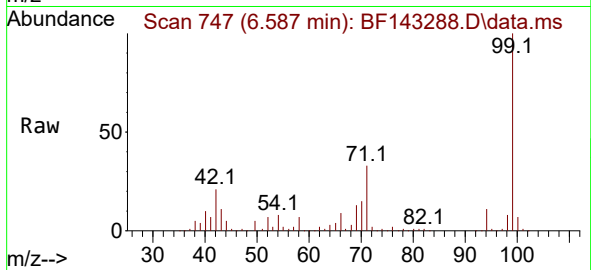




#7
Phenol-d6
Concen: 70.920 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

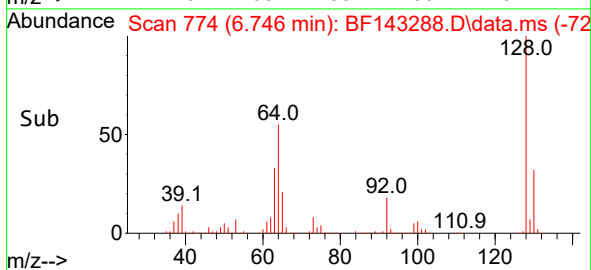
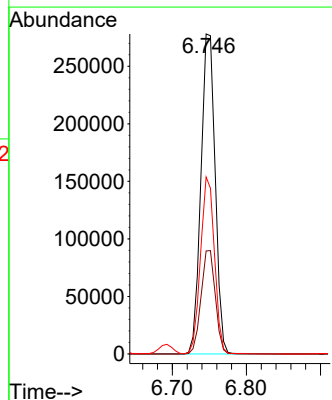
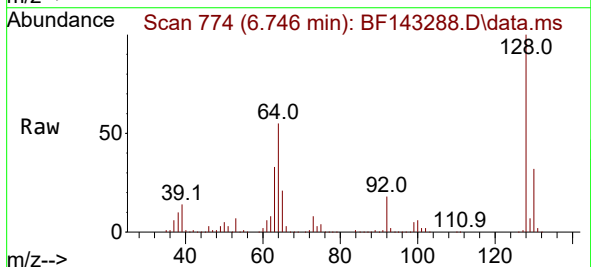
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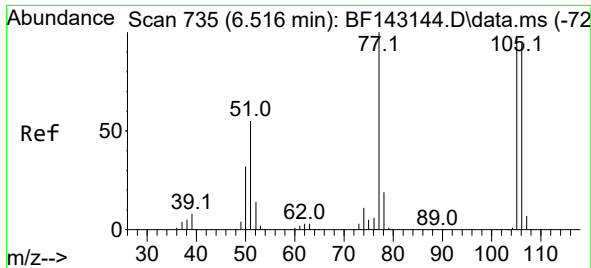
Tgt Ion: 99 Resp: 886106
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 33.0 27.7 41.5



#8
2-Chlorophenol
Concen: 35.904 ng
RT: 6.746 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion: 128 Resp: 373586
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 55.3 35.9 75.9

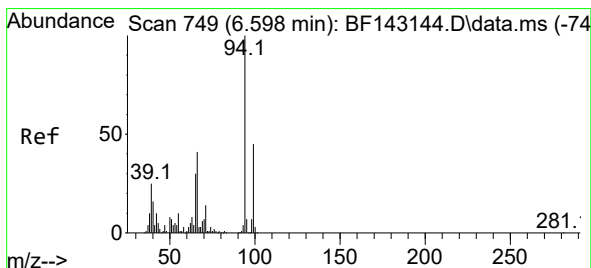
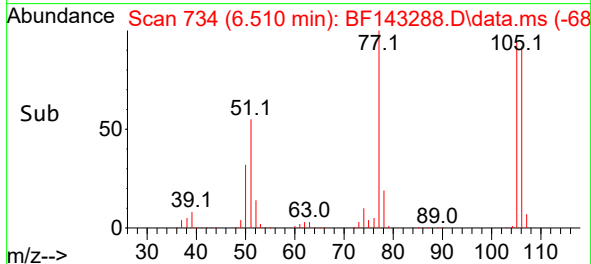
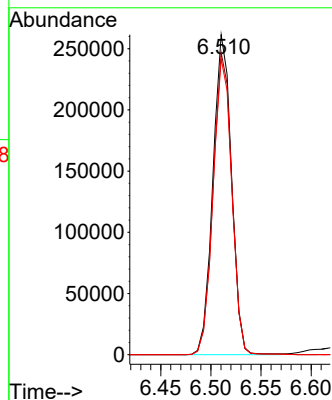
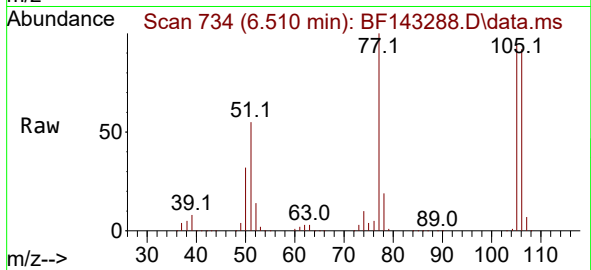




#9
Benzaldehyde
Concen: 35.886 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

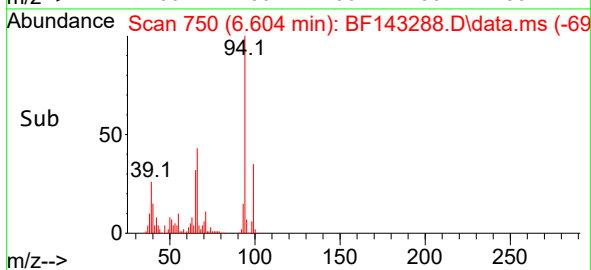
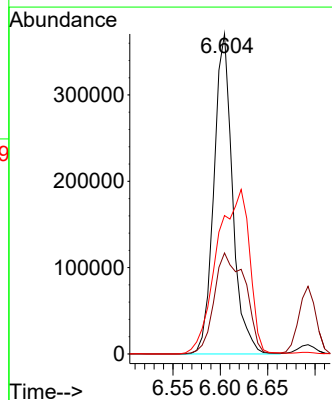
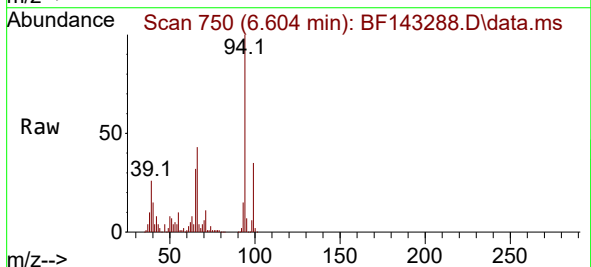
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ClientSampleId :
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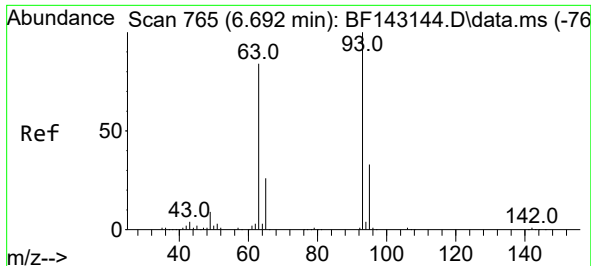
Tgt Ion: 77 Resp: 336216
Ion Ratio Lower Upper
77 100
105 94.4 76.8 116.8
106 92.4 74.4 114.4



#10
Phenol
Concen: 37.342 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion: 94 Resp: 508280
Ion Ratio Lower Upper
94 100
65 31.5 10.0 50.0
66 43.2 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 36.198 ng

RT: 6.693 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

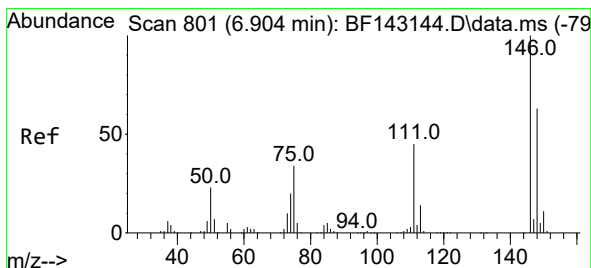
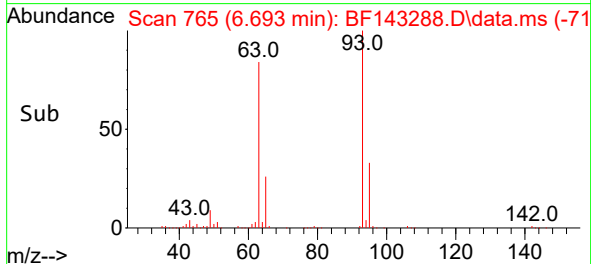
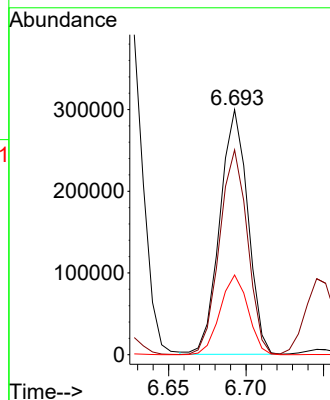
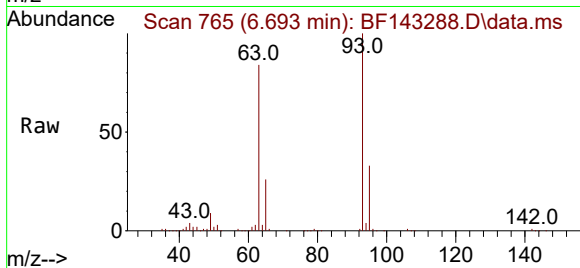
Tgt Ion: 93 Resp: 377244

Ion Ratio Lower Upper

93 100

63 83.6 63.4 103.4

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 35.746 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

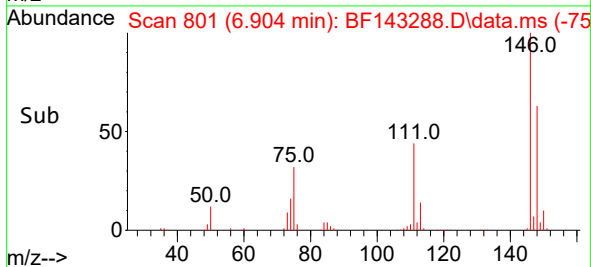
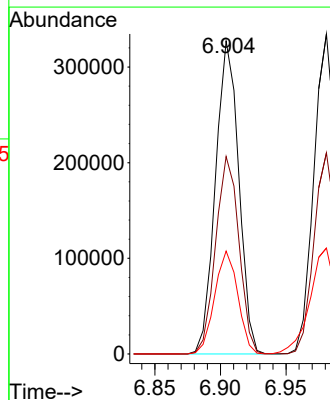
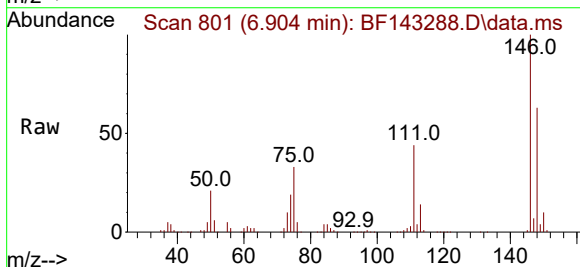
Tgt Ion:146 Resp: 404044

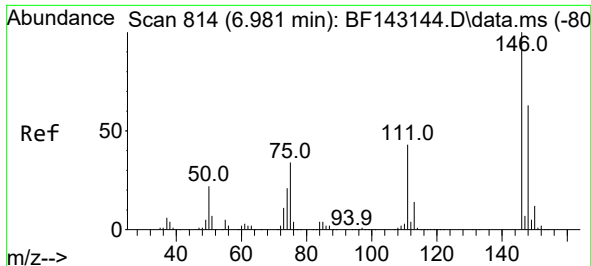
Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

75 32.9 27.4 41.2

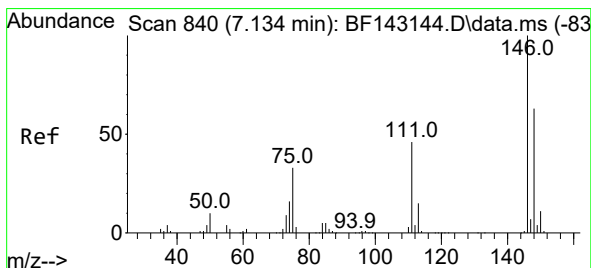
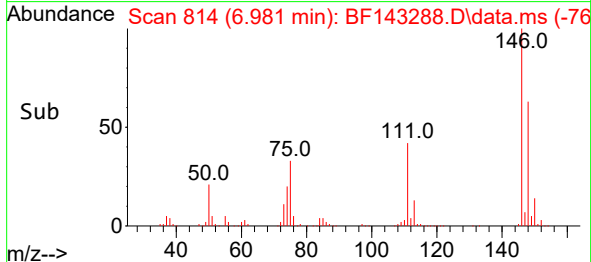
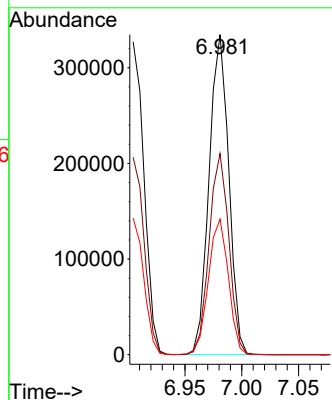
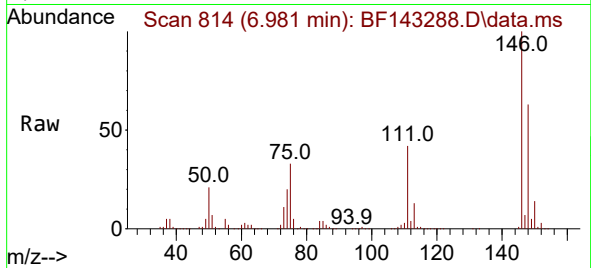




#13
1,4-Dichlorobenzene
Concen: 35.440 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

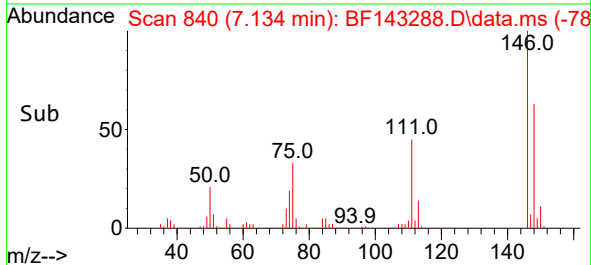
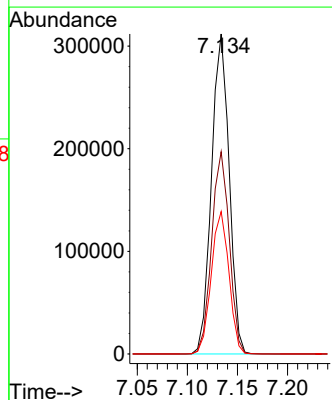
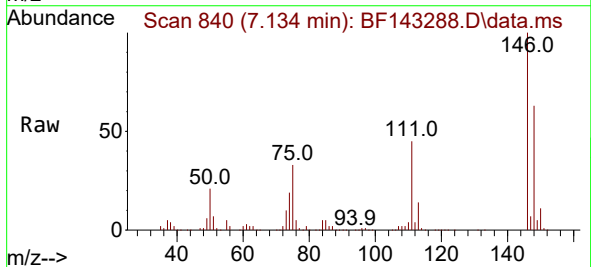
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

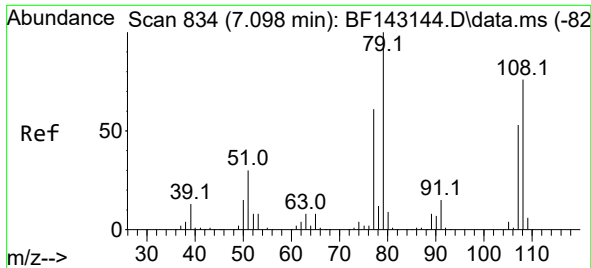
Tgt Ion:146 Resp: 403415
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 42.4 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 35.377 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:146 Resp: 383013
Ion Ratio Lower Upper
146 100
148 63.2 50.7 76.1
111 44.5 36.6 54.8

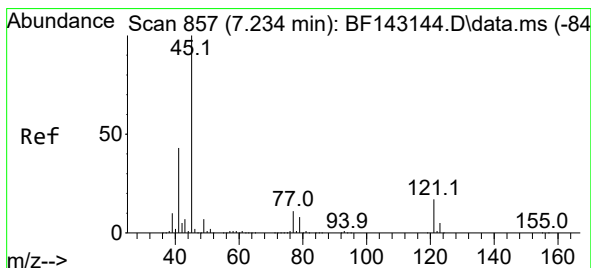
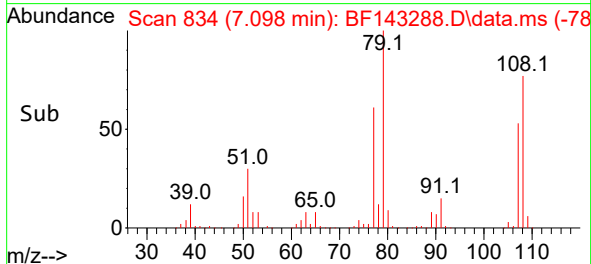
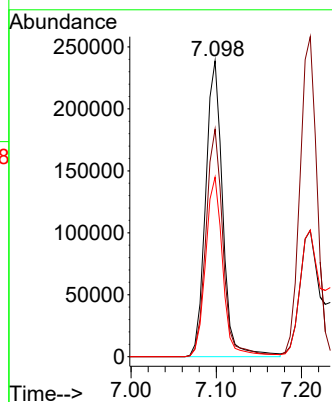
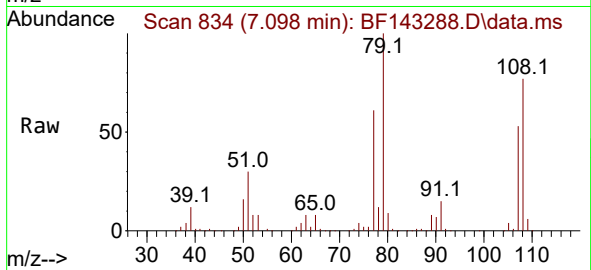




#15
Benzyl Alcohol
Concen: 34.878 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

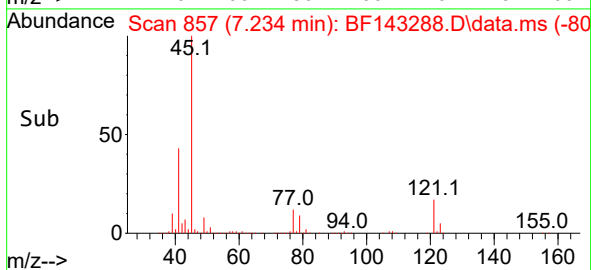
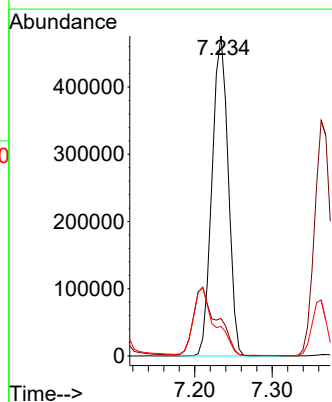
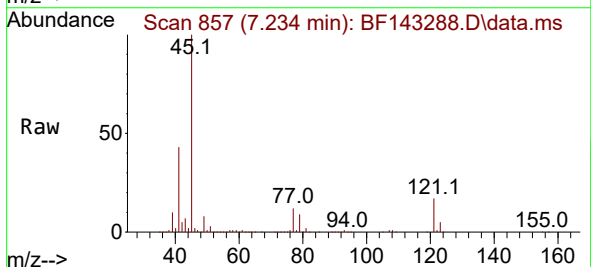
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

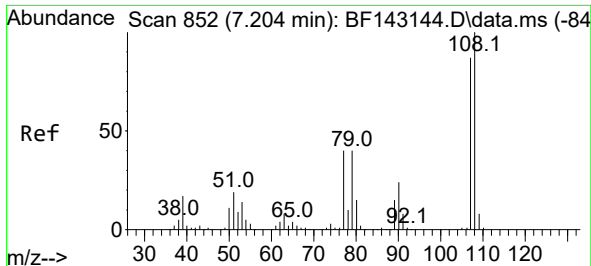
Tgt Ion: 79 Resp: 332743
Ion Ratio Lower Upper
79 100
108 76.9 61.1 91.7
77 60.7 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.653 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion: 45 Resp: 689272
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 9.2 0.0 28.5

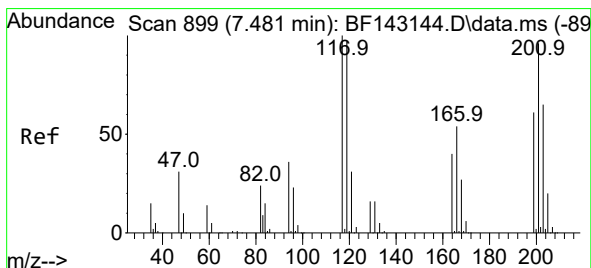
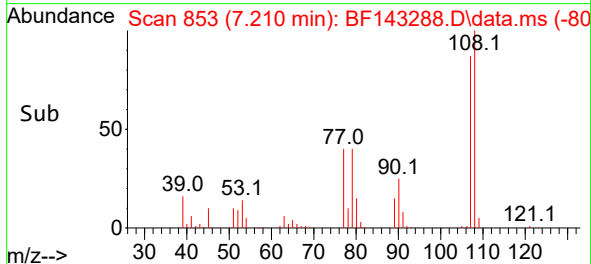
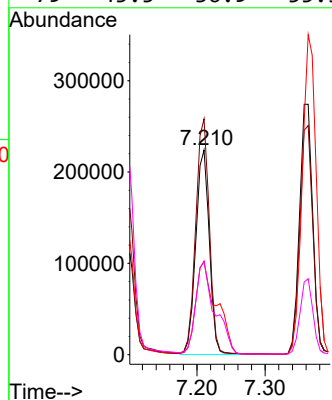
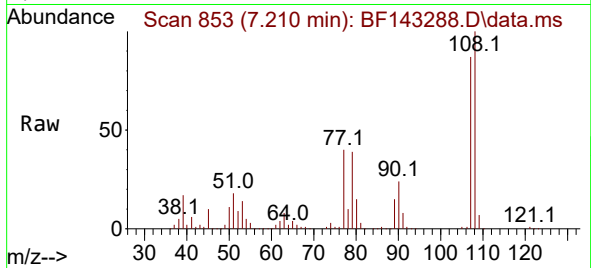




#17
2-Methylphenol
Concen: 35.262 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

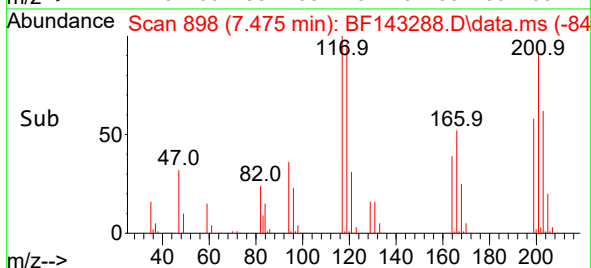
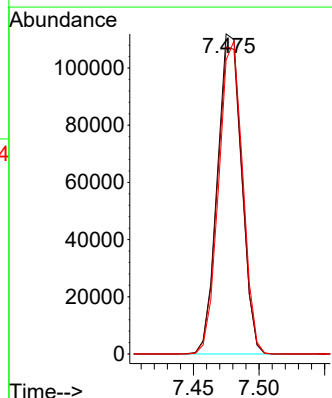
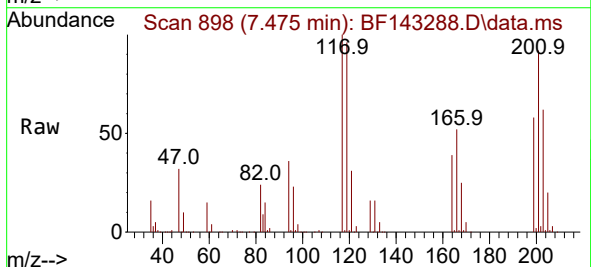
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

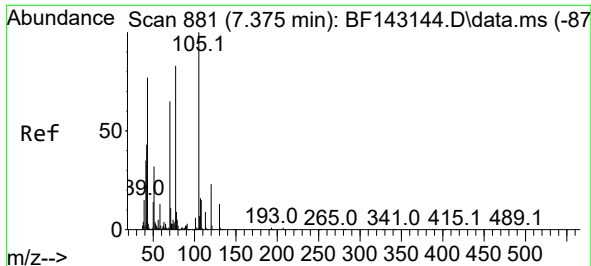
Tgt Ion:	107	Resp:	308503
Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.8	137.6
77	45.6	37.0	55.6
79	45.5	36.9	55.3



#18
Hexachloroethane
Concen: 36.610 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:	117	Resp:	144265
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.8	116.8
201	91.8	77.0	115.4



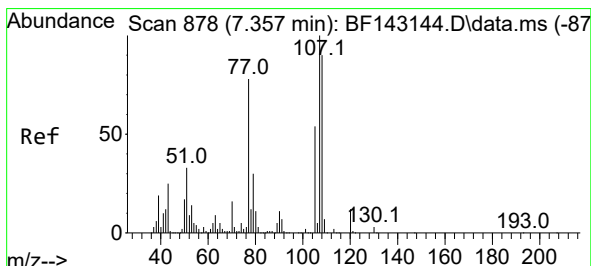
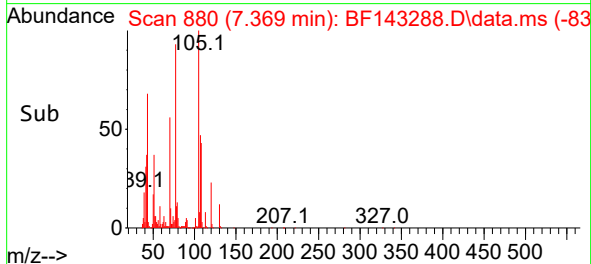
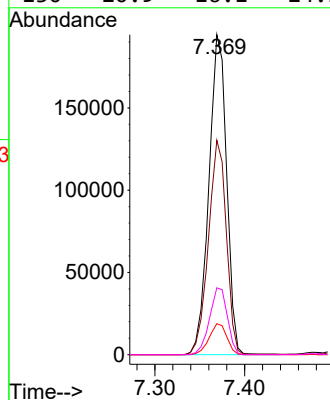
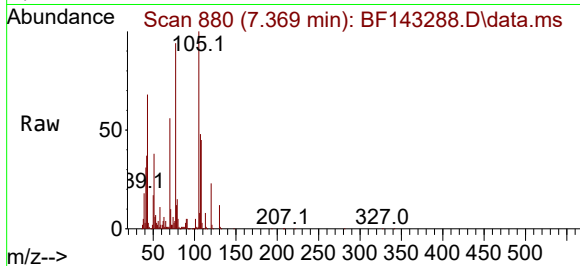


#19
n-Nitroso-di-n-propylamine
Concen: 33.315 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 267054

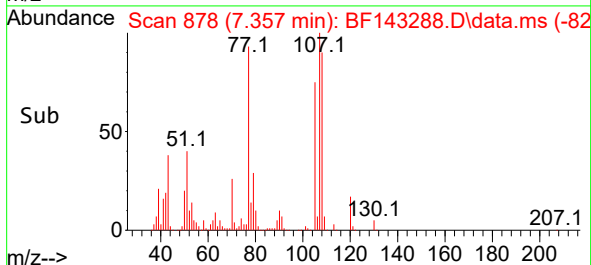
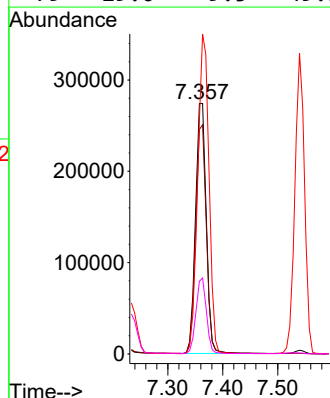
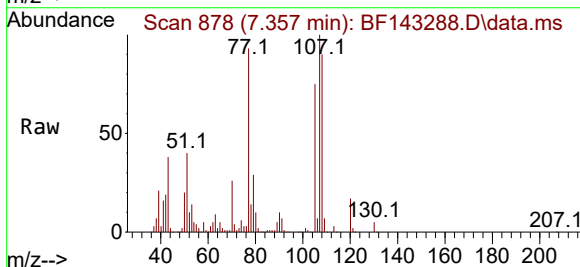
Ion	Ratio	Lower	Upper
70	100		
42	67.0	52.5	78.7
101	9.7	7.6	11.4
130	20.9	16.1	24.1

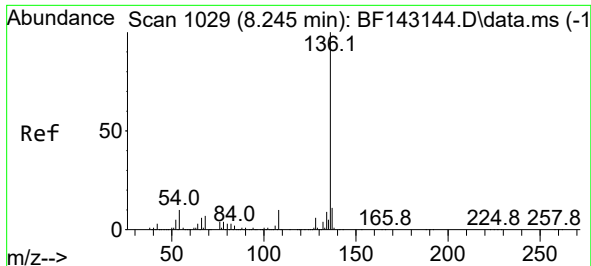


#20
3+4-Methylphenols
Concen: 34.990 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion: 107 Resp: 371404

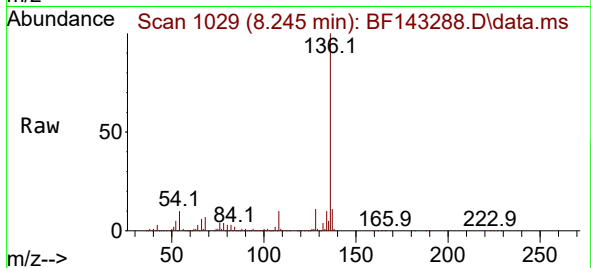
Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.0	110.0
77	93.1	57.8	97.8
79	29.0	9.5	49.5



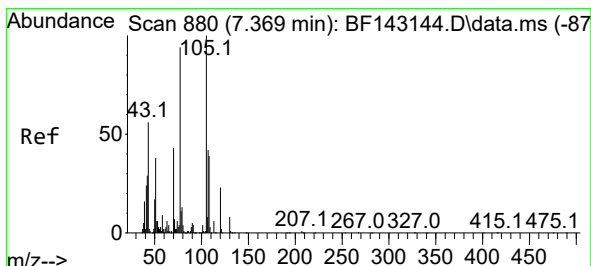
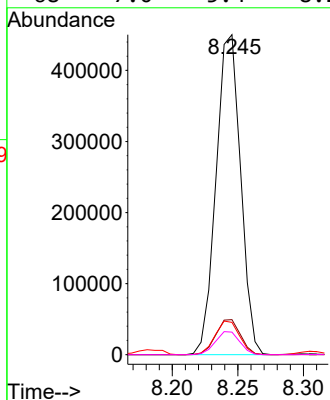
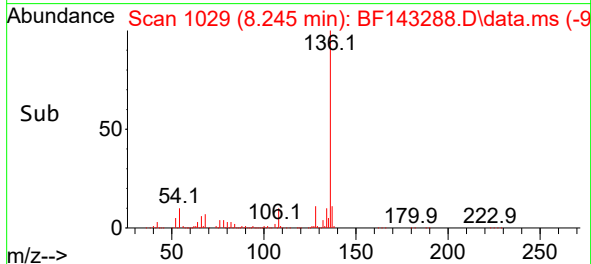


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

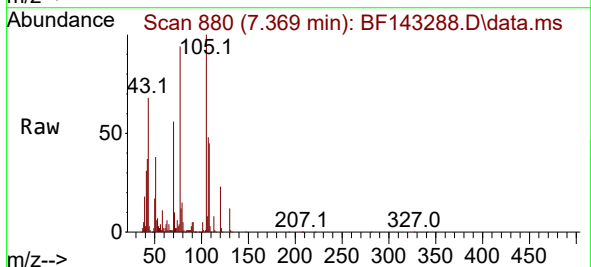
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



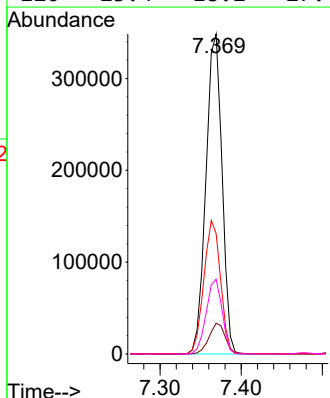
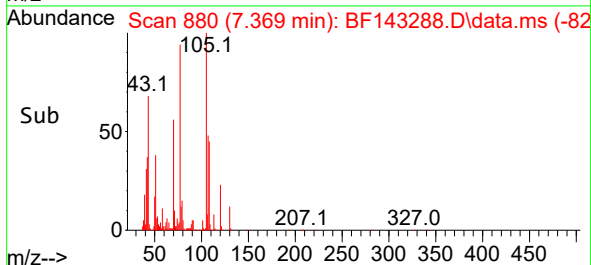
Tgt Ion:136 Resp: 586115
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.1 8.2 12.2
68 7.0 5.4 8.2

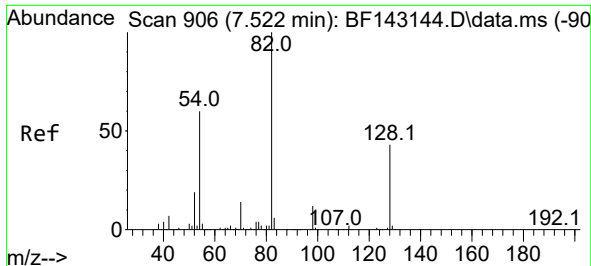


#22
Acetophenone
Concen: 34.530 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58



Tgt Ion:105 Resp: 479156
Ion Ratio Lower Upper
105 100
71 9.6 5.8 8.6#
51 37.6 30.2 45.2
120 23.4 18.2 27.4





#23

Nitrobenzene-d5

Concen: 73.544 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

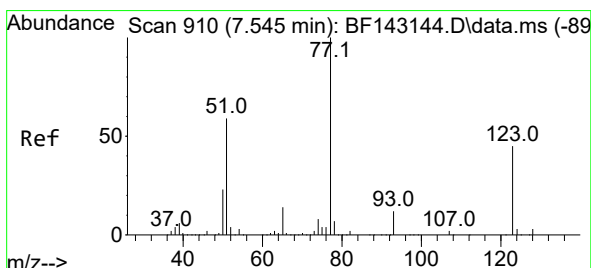
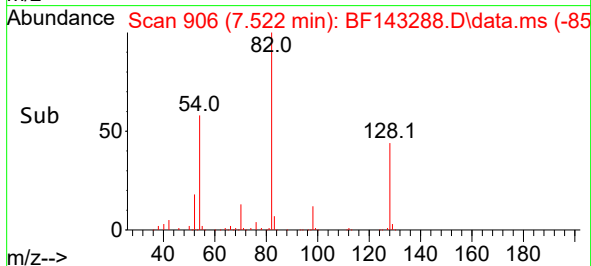
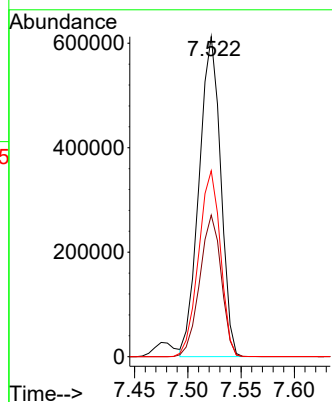
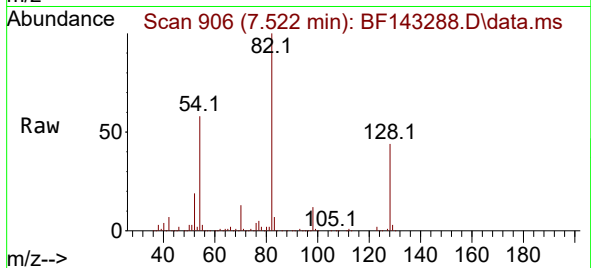
Tgt Ion: 82 Resp: 864748

Ion Ratio Lower Upper

82 100

128 44.3 33.6 50.4

54 58.1 47.1 70.7



#24

Nitrobenzene

Concen: 36.757 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

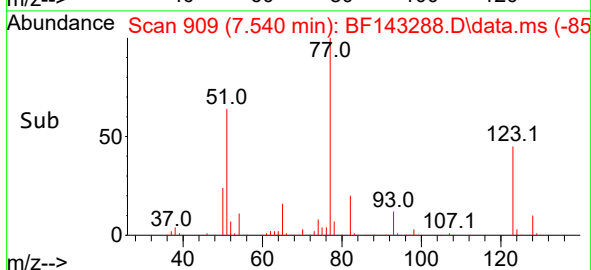
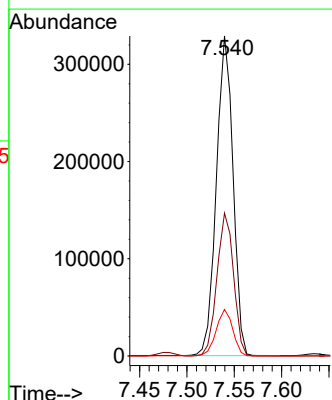
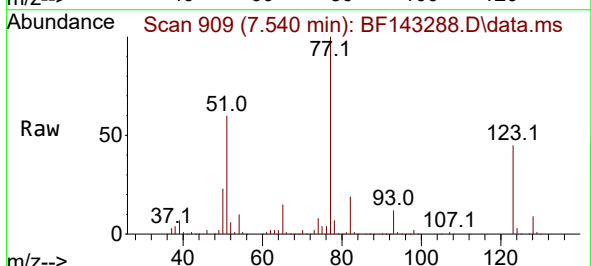
Tgt Ion: 77 Resp: 402946

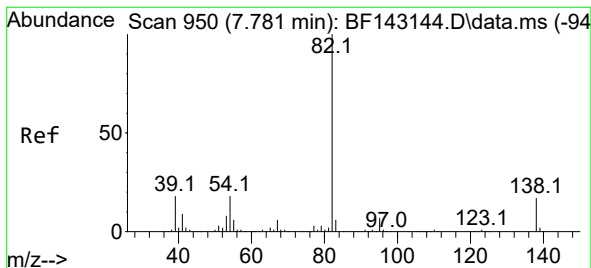
Ion Ratio Lower Upper

77 100

123 44.7 36.1 54.1

65 14.5 11.4 17.2





#25

Isophorone

Concen: 35.390 ng

RT: 7.781 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

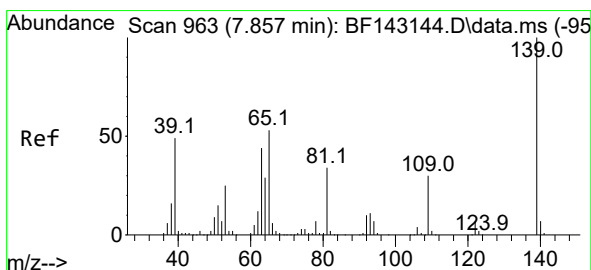
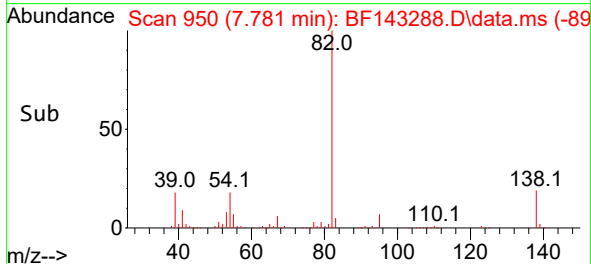
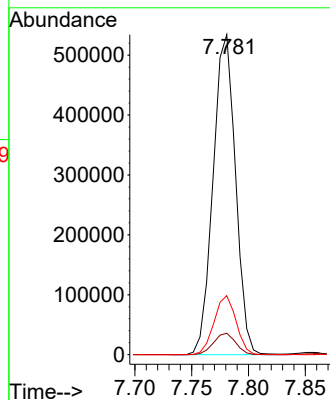
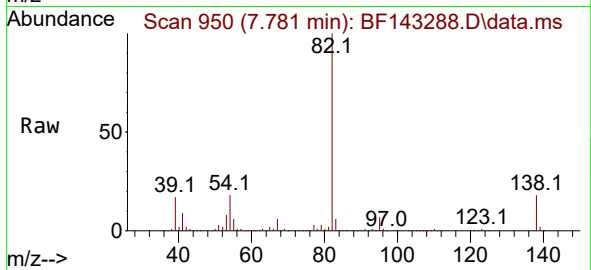
Tgt Ion: 82 Resp: 734589

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.4 13.8 20.8



#26

2-Nitrophenol

Concen: 40.972 ng

RT: 7.857 min Scan# 963

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

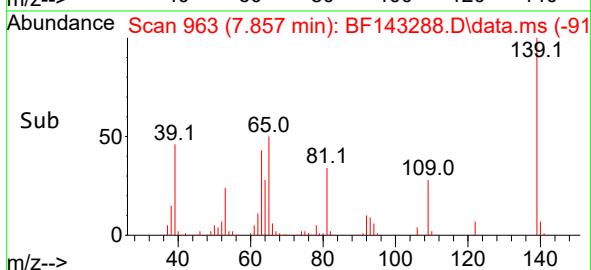
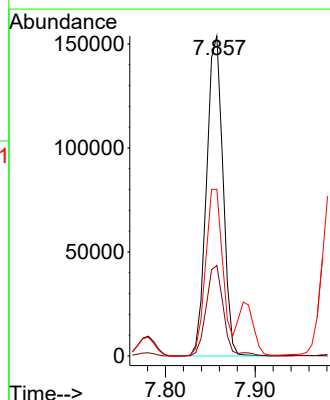
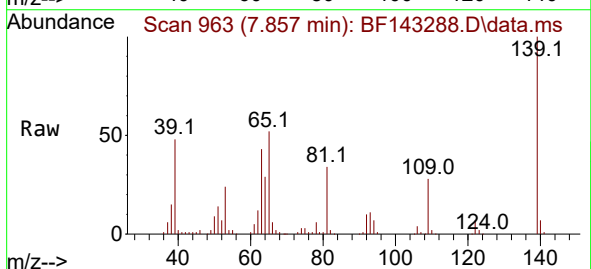
Tgt Ion:139 Resp: 194931

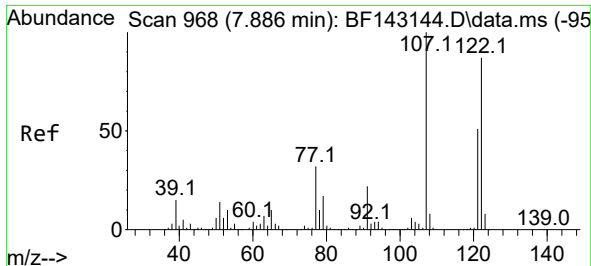
Ion Ratio Lower Upper

139 100

109 28.3 23.6 35.4

65 52.1 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 34.033 ng

RT: 7.887 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

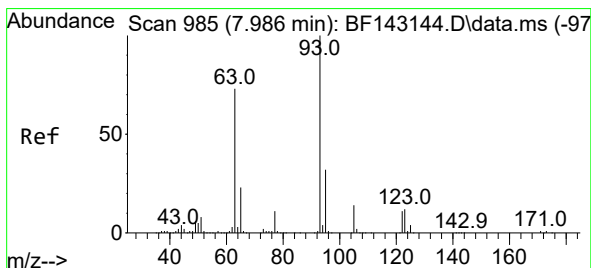
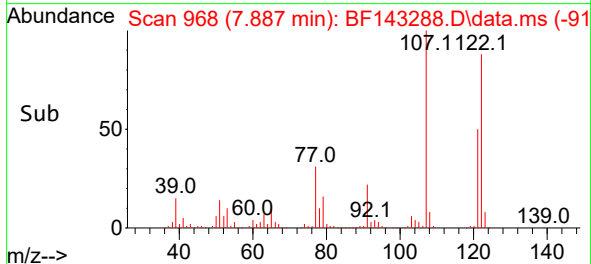
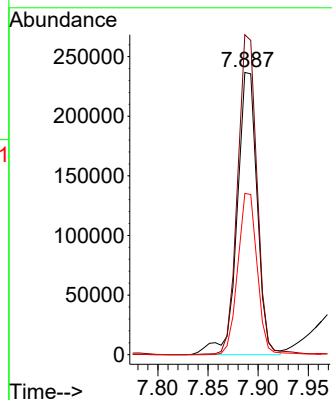
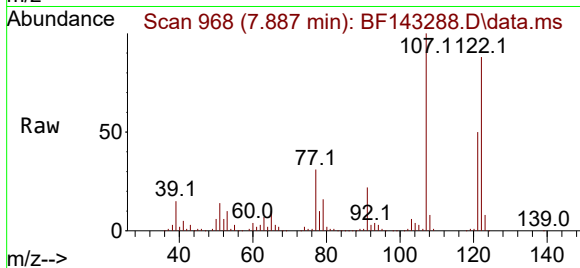
Tgt Ion:122 Resp: 330052

Ion Ratio Lower Upper

122 100

107 113.4 91.8 137.6

121 57.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 36.117 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

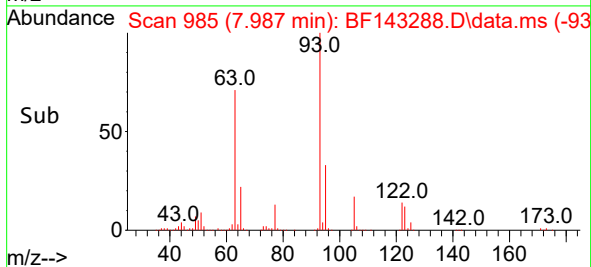
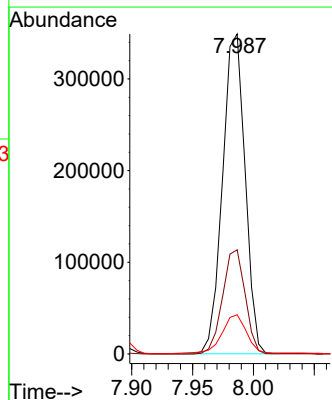
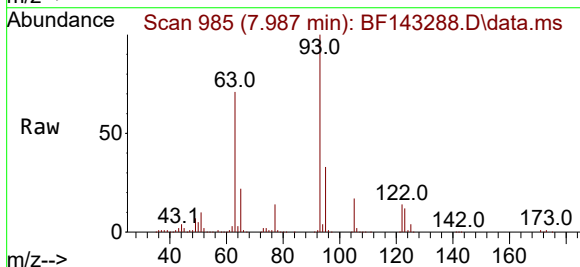
Tgt Ion: 93 Resp: 449491

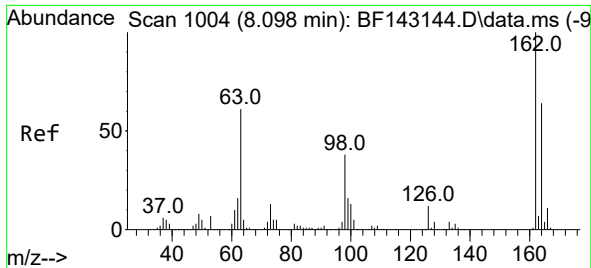
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 36.236 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

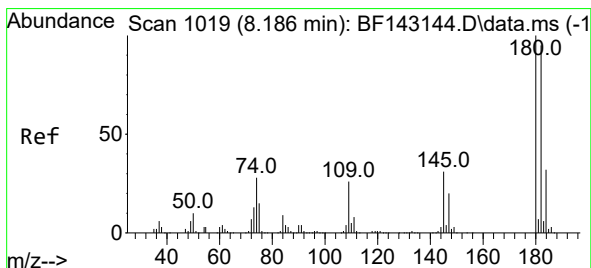
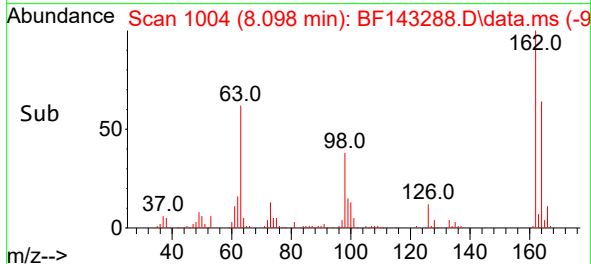
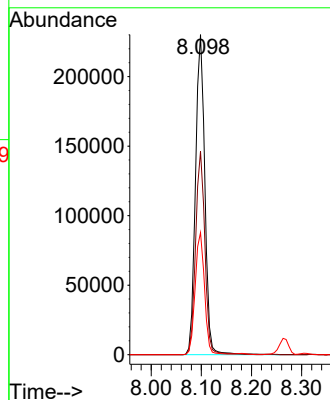
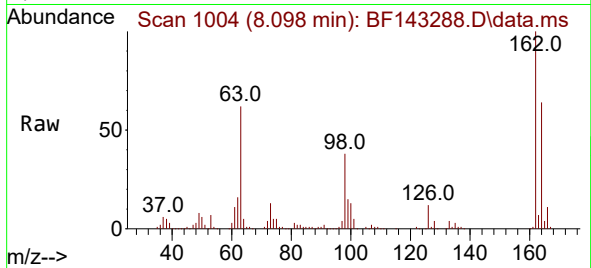
Tgt Ion:162 Resp: 296354

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

98 38.2 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 35.834 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

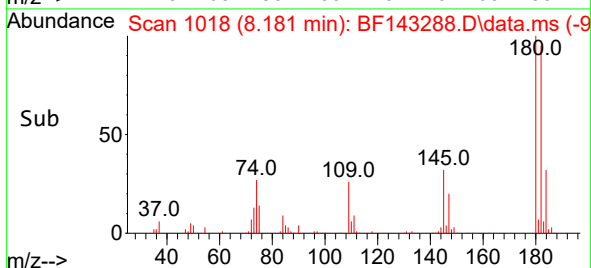
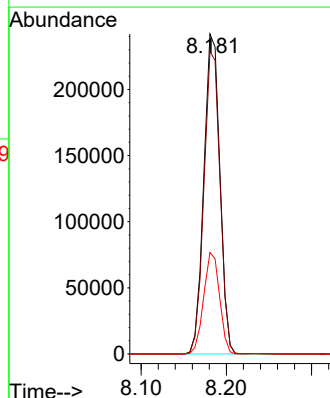
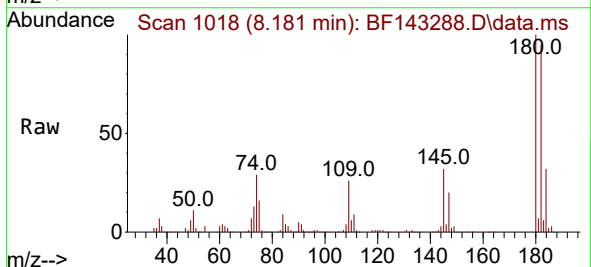
Tgt Ion:180 Resp: 316617

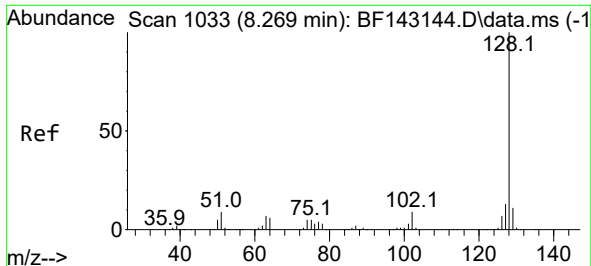
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 31.7 25.0 37.6





#31

Naphthalene

Concen: 35.826 ng

RT: 8.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

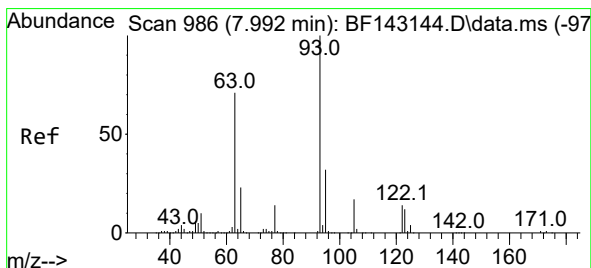
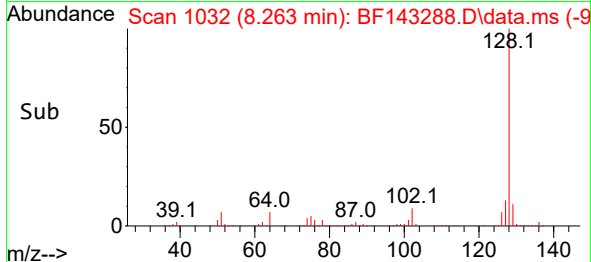
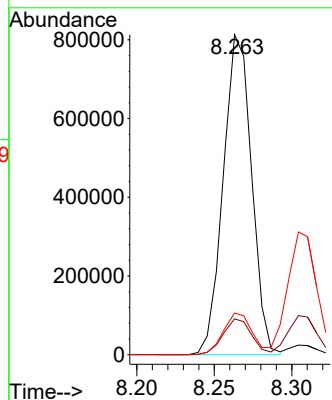
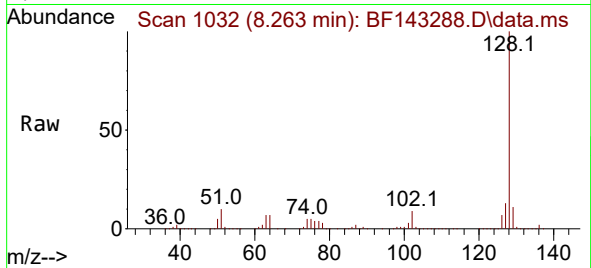
Tgt Ion:128 Resp: 1034133

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.0 10.6 16.0



#32

Benzoic acid

Concen: 35.580 ng m

RT: 7.992 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

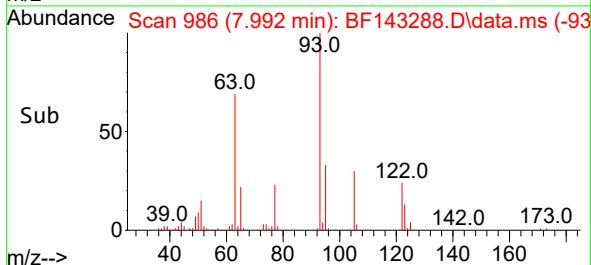
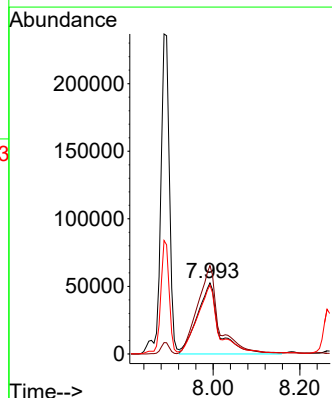
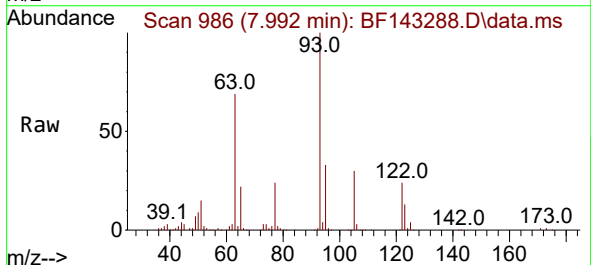
Tgt Ion:122 Resp: 186164

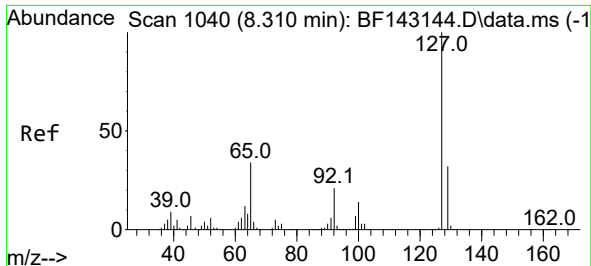
Ion Ratio Lower Upper

122 100

105 124.5 104.8 144.8

77 96.9 77.6 117.6

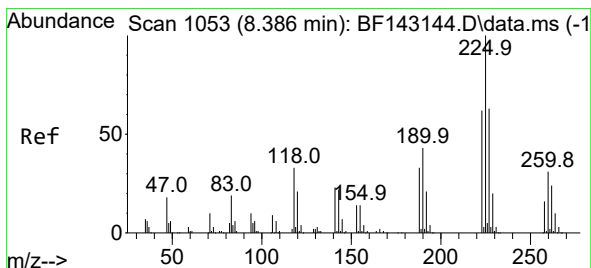
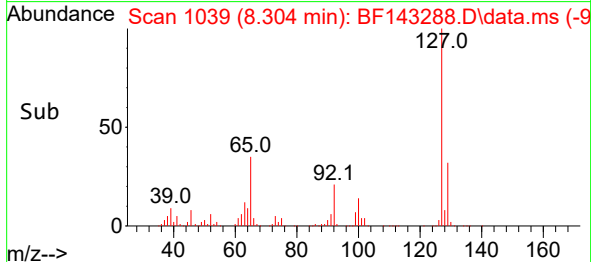
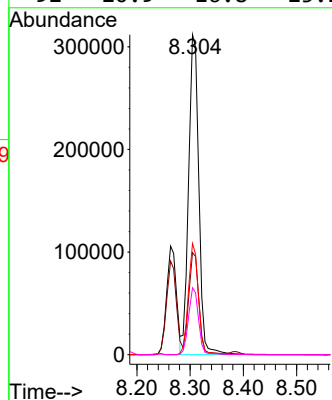
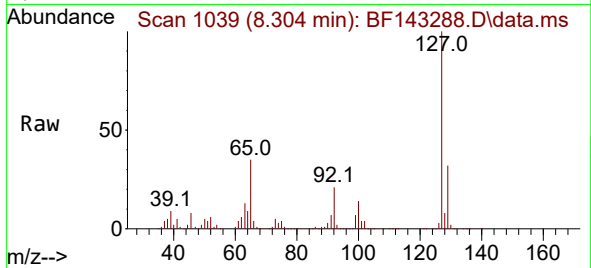




#33
4-Chloroaniline
Concen: 35.214 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

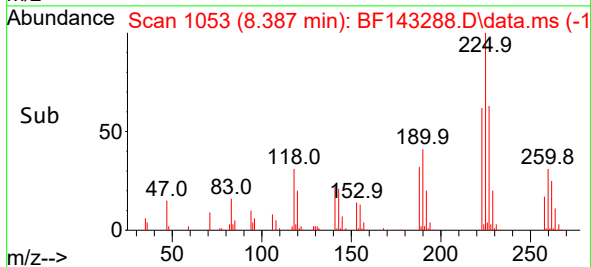
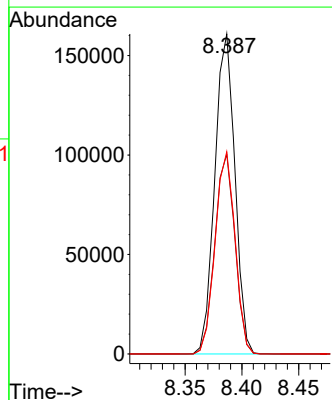
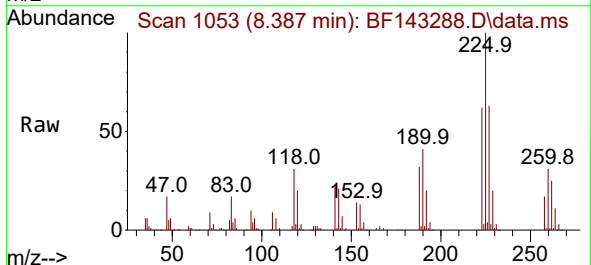
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

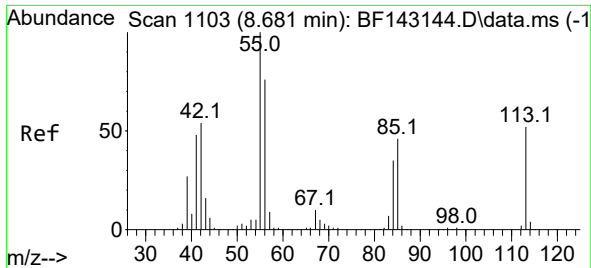
Tgt Ion:	127	Resp:	415041
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.0	39.0
65	34.8	27.4	41.2
92	20.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 36.694 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:	225	Resp:	198055
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.8	74.6
227	63.2	50.2	75.4

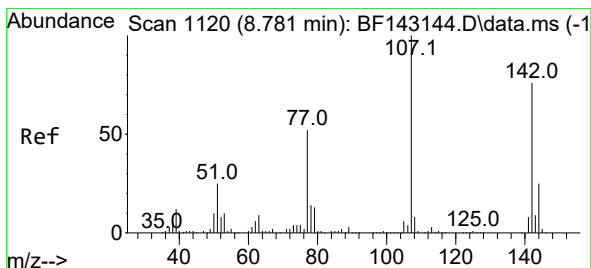
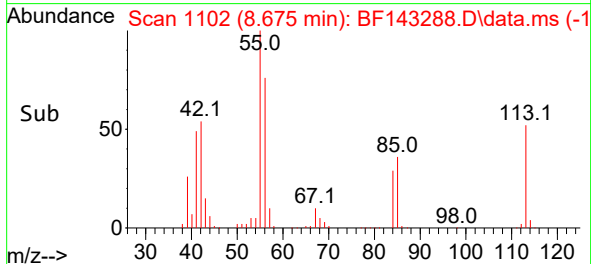
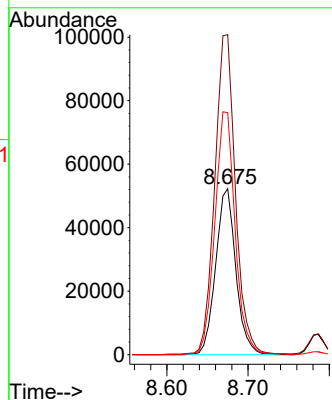
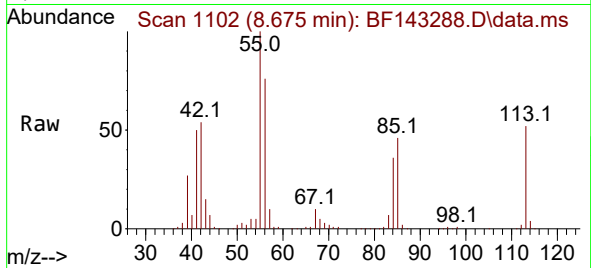




#35
 Caprolactam
 Concen: 36.477 ng
 RT: 8.675 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF143288.D
 Acq: 01 Aug 2025 17:58

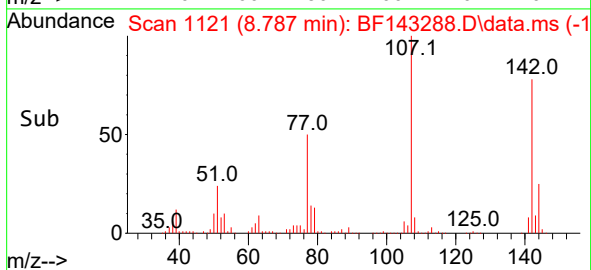
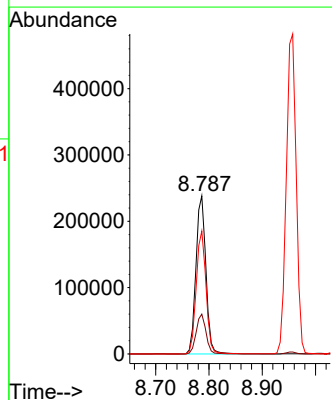
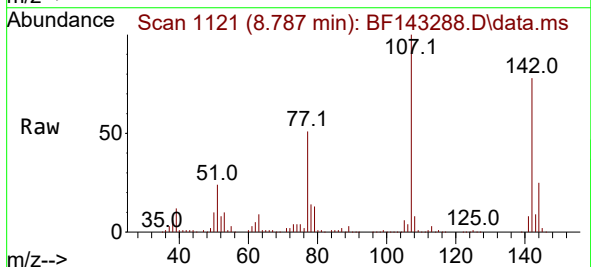
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

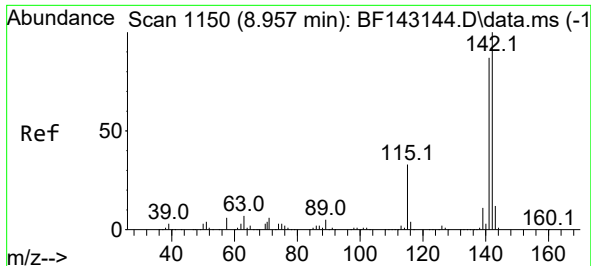
Tgt Ion:113 Resp: 90151
 Ion Ratio Lower Upper
 113 100
 55 192.9 174.0 214.0
 56 145.9 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 34.993 ng
 RT: 8.787 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143288.D
 Acq: 01 Aug 2025 17:58

Tgt Ion:107 Resp: 311061
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.6
 142 77.7 60.6 90.8

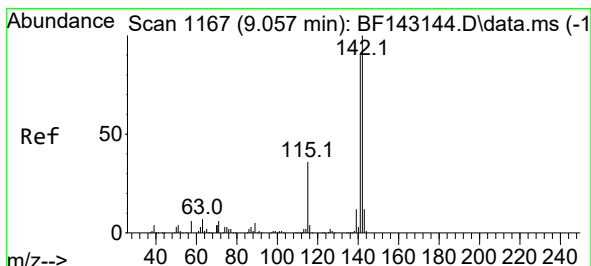
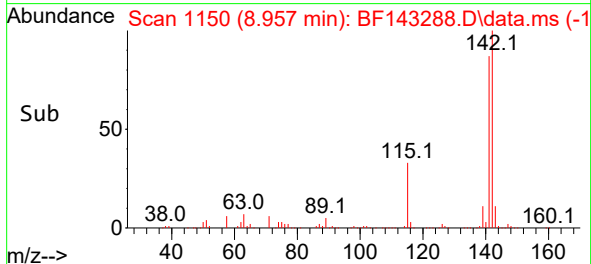
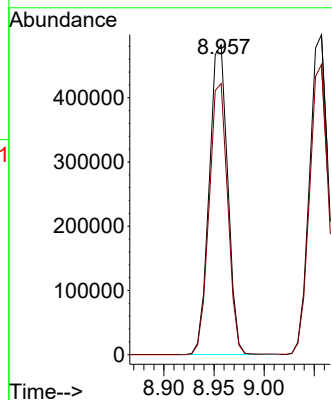
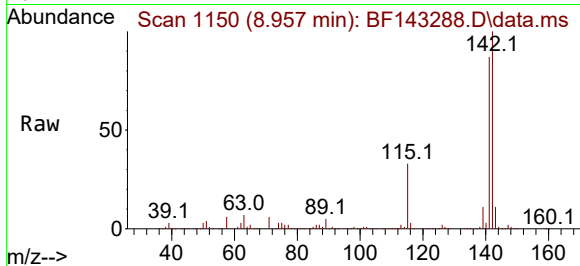




#37
2-Methylnaphthalene
Concen: 35.335 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

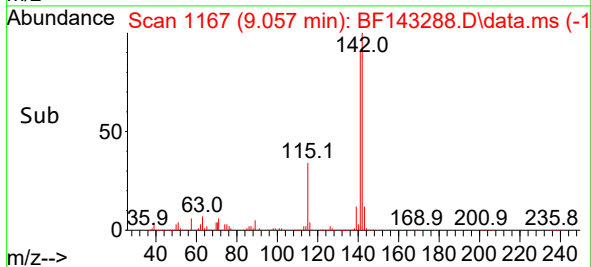
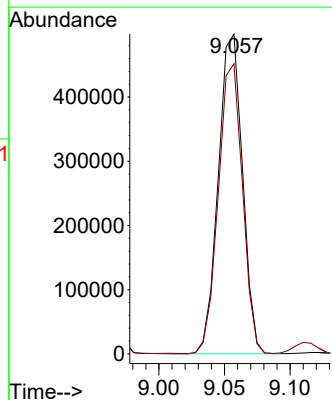
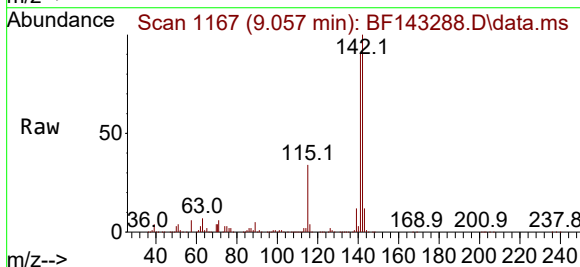
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

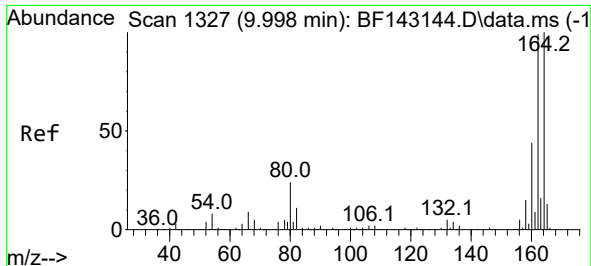
Tgt Ion:142 Resp: 620655
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9



#38
1-Methylnaphthalene
Concen: 35.311 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:142 Resp: 638684
Ion Ratio Lower Upper
142 100
141 90.7 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: BF143288.D

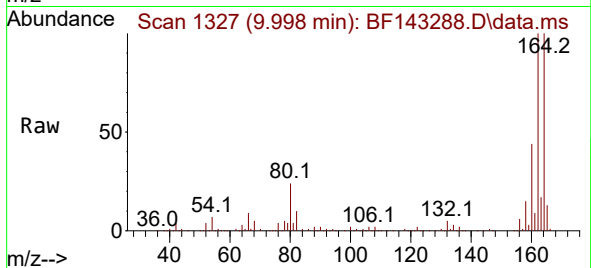
Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



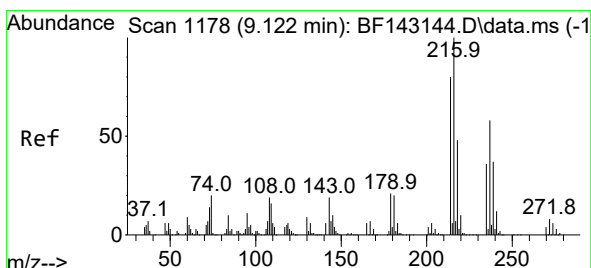
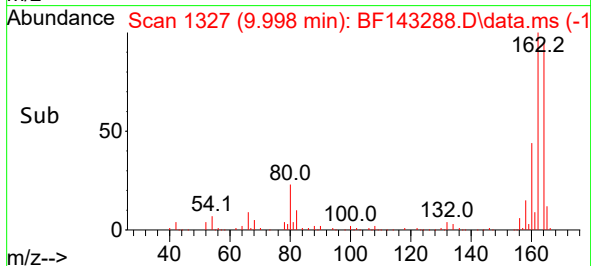
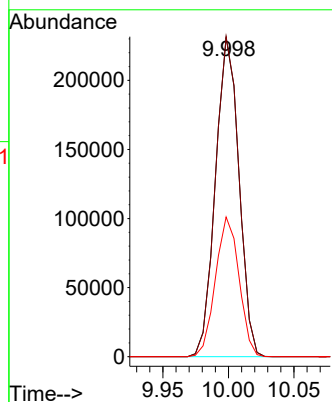
Tgt Ion:164 Resp: 287435

Ion Ratio Lower Upper

164 100

162 100.3 79.0 118.6

160 43.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.639 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Tgt Ion:216 Resp: 304055

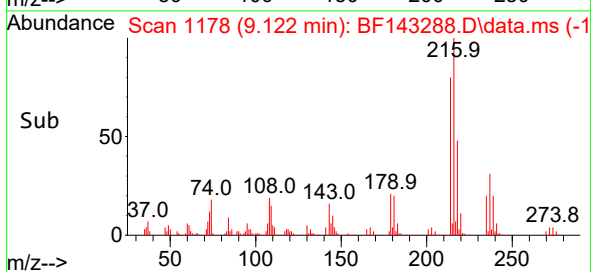
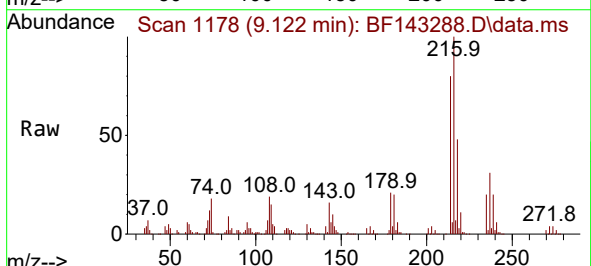
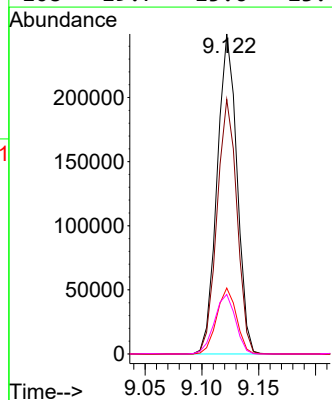
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 20.5 16.4 24.6

108 19.7 15.6 23.4

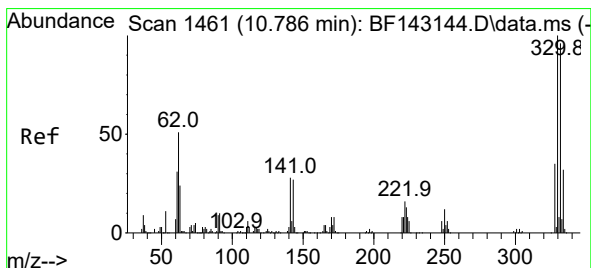
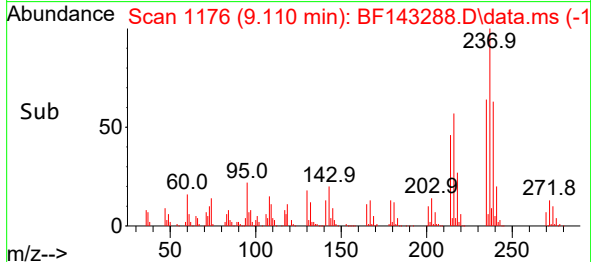
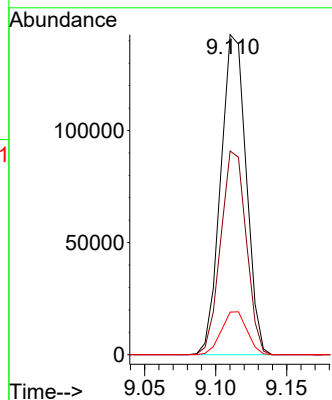
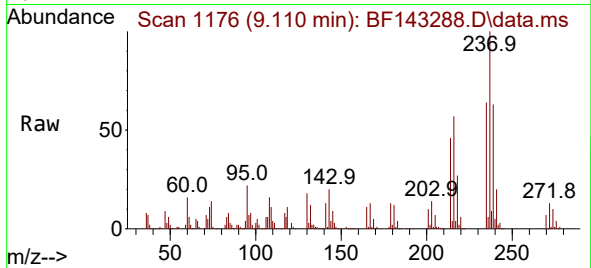




#41
Hexachlorocyclopentadiene
Concen: 33.043 ng
RT: 9.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

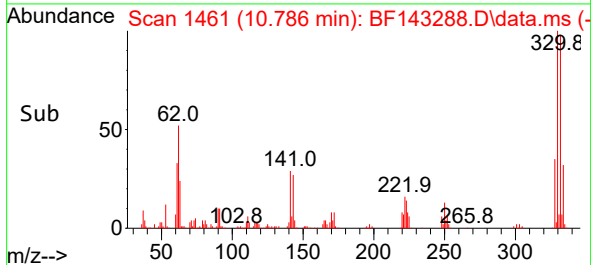
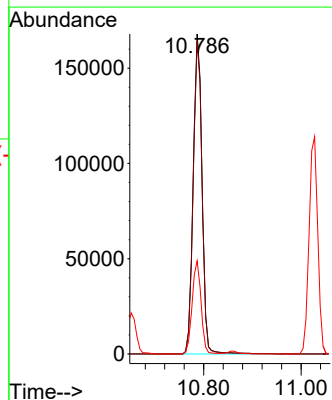
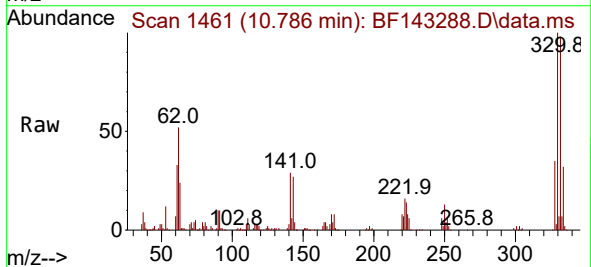
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 237 Resp: 178421
Ion Ratio Lower Upper
237 100
235 63.6 43.0 83.0
272 13.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 71.757 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion: 330 Resp: 213072
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 29.1 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 35.068 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143288.D

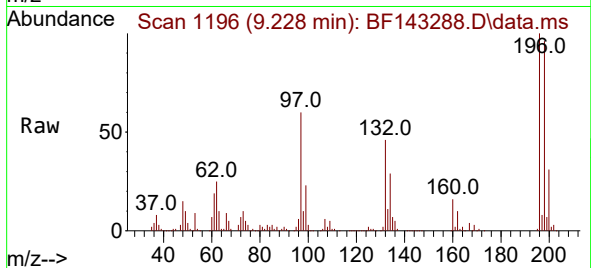
Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



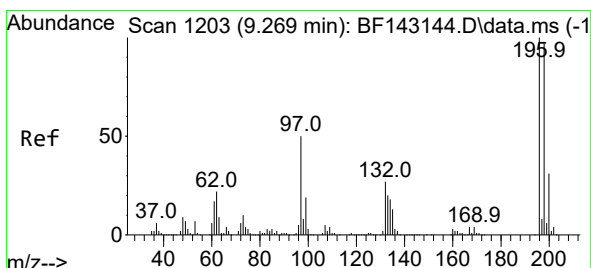
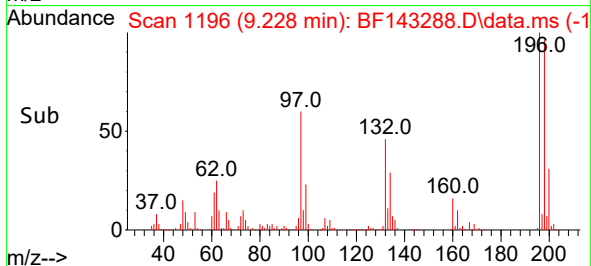
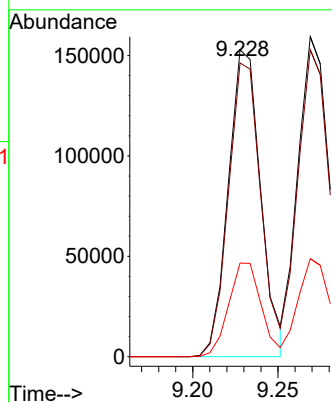
Tgt Ion:196 Resp: 201409

Ion Ratio Lower Upper

196 100

198 95.7 76.2 114.2

200 30.5 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 36.575 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Tgt Ion:196 Resp: 210128

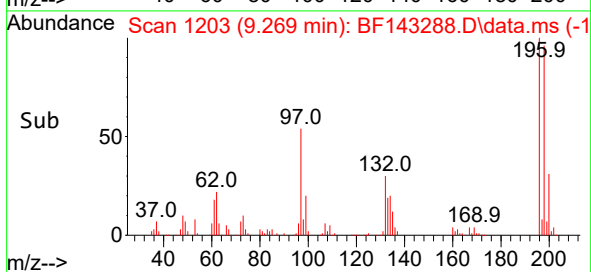
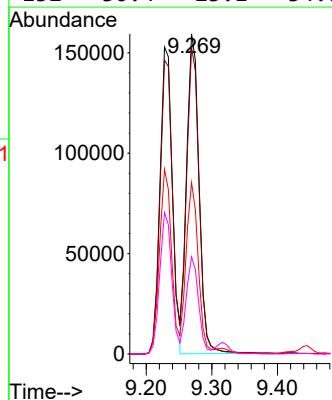
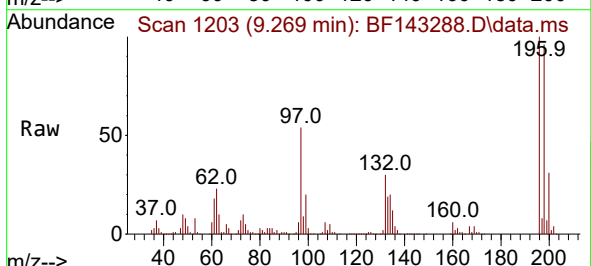
Ion Ratio Lower Upper

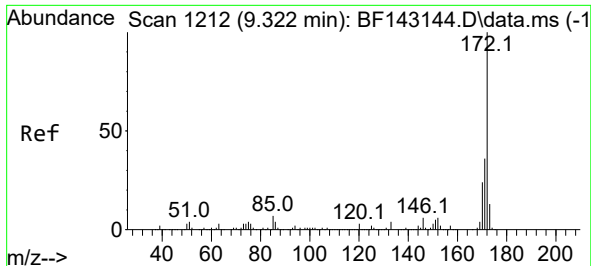
196 100

198 95.9 77.3 115.9

97 53.6 40.3 60.5

132 30.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 69.926 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

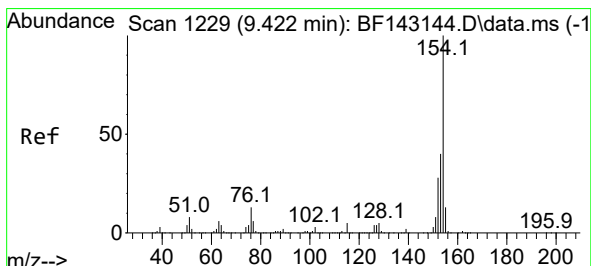
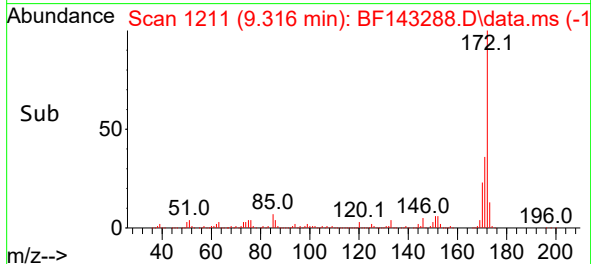
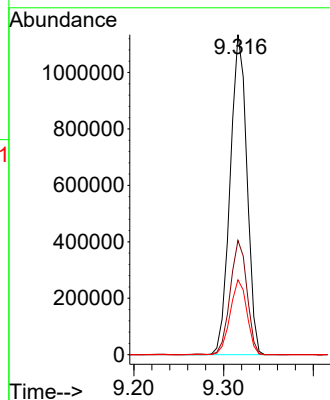
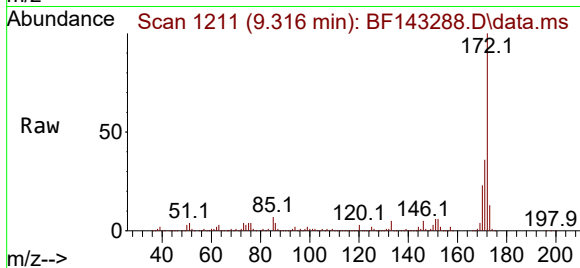
Tgt Ion:172 Resp: 1469638

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 36.289 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

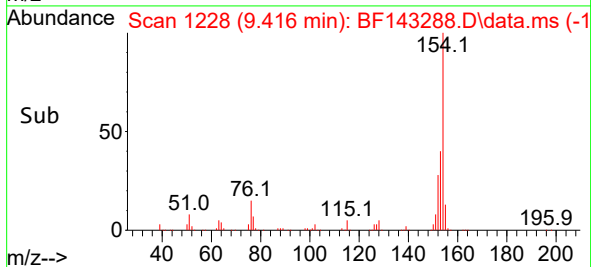
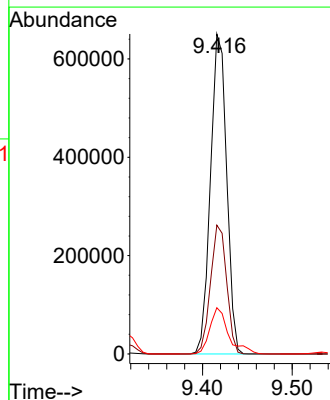
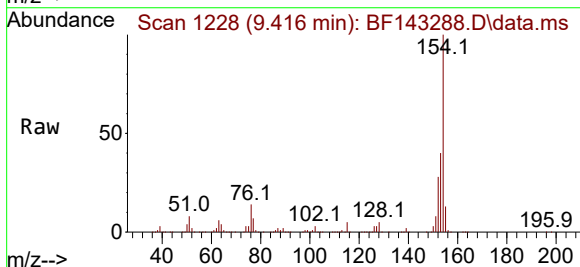
Tgt Ion:154 Resp: 813804

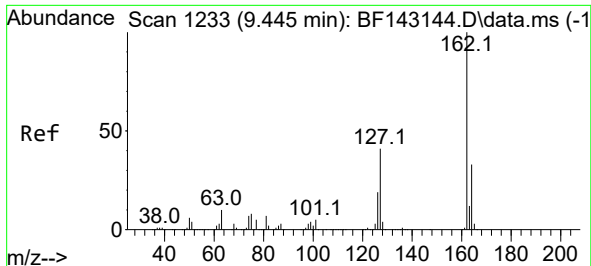
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 14.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 36.302 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

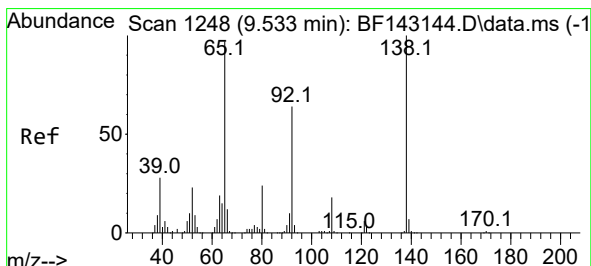
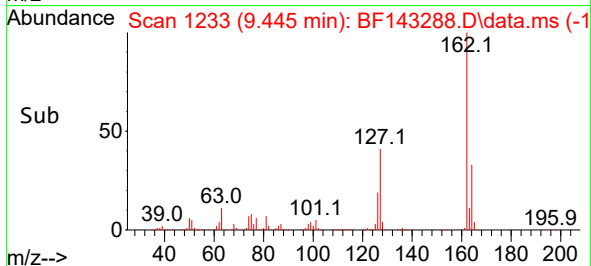
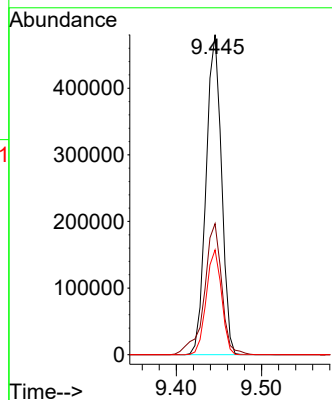
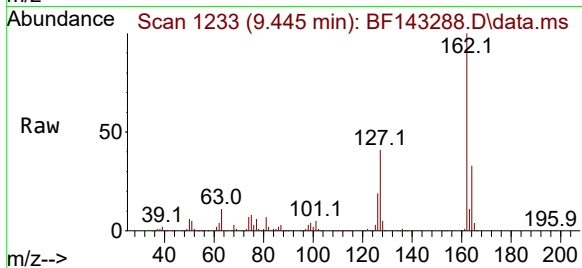
Tgt Ion:162 Resp: 602370

Ion Ratio Lower Upper

162 100

127 41.0 33.4 50.2

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 38.800 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

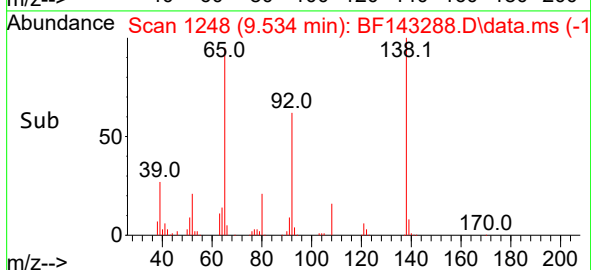
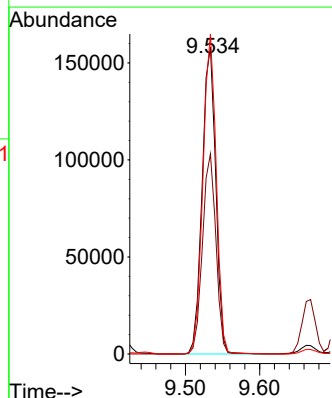
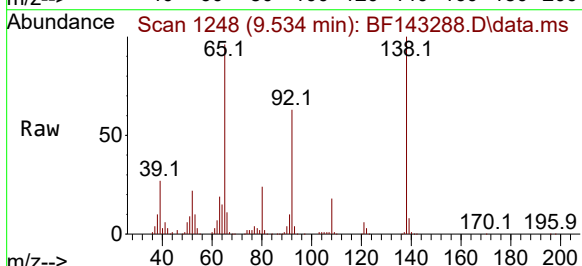
Tgt Ion: 65 Resp: 201902

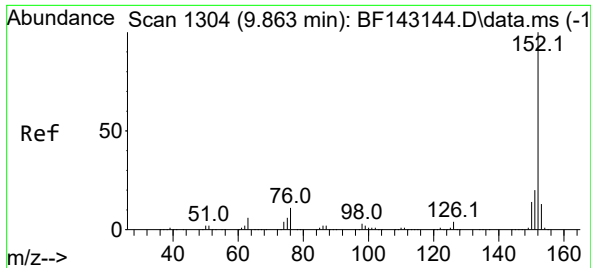
Ion Ratio Lower Upper

65 100

92 65.3 52.4 78.6

138 104.4 82.3 123.5

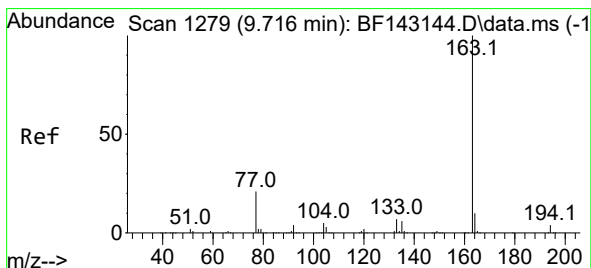
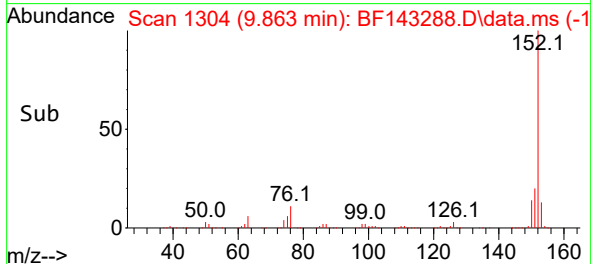
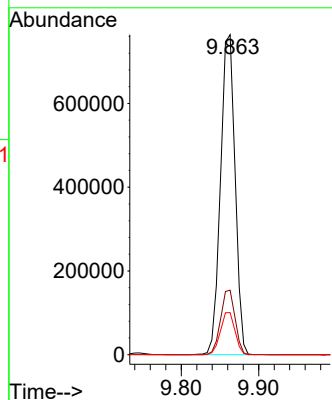
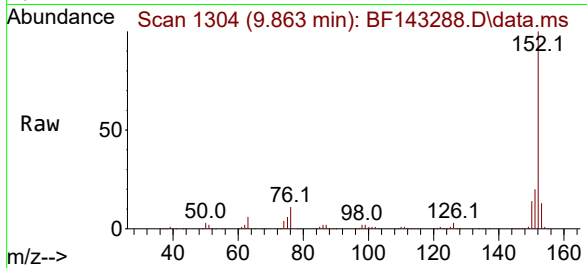




#49
Acenaphthylene
Concen: 35.901 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

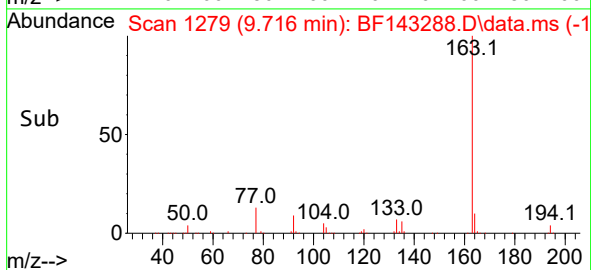
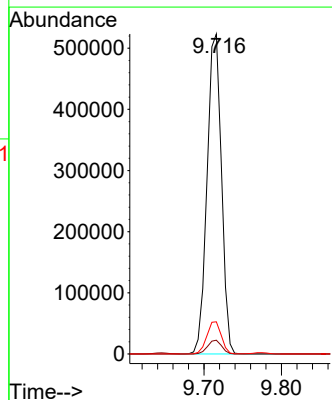
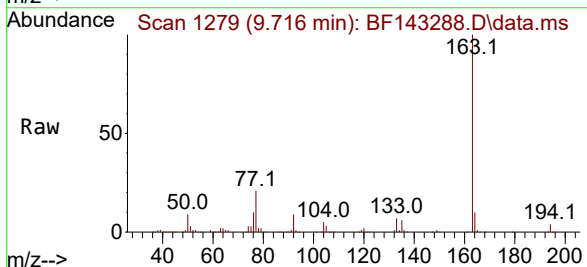
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

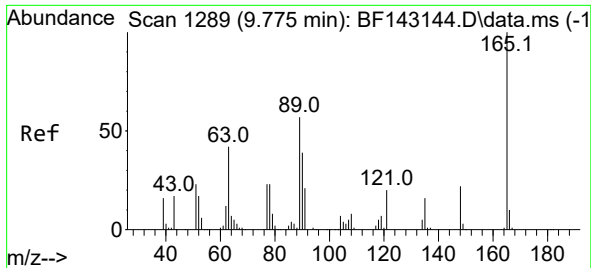
Tgt Ion:152 Resp: 998333
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 35.989 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:163 Resp: 674291
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.3 12.5

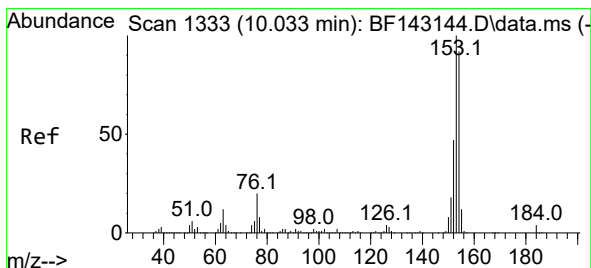
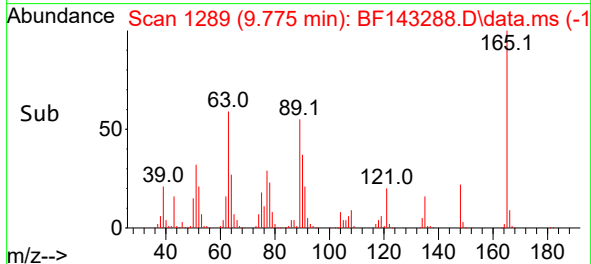
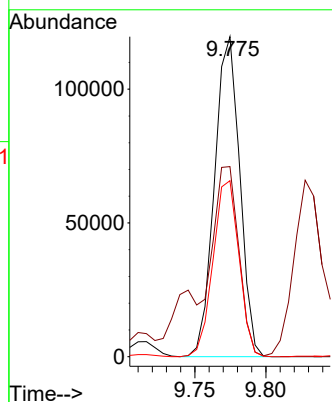
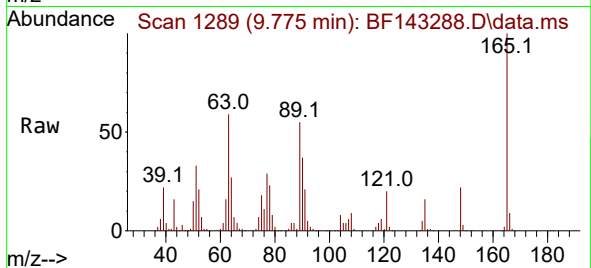




#51
2,6-Dinitrotoluene
Concen: 38.852 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

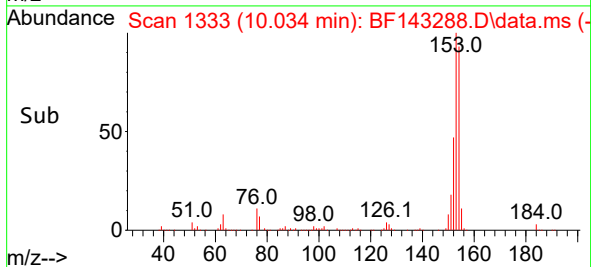
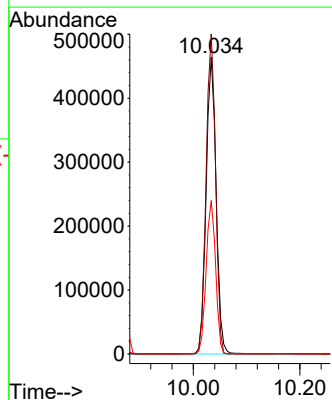
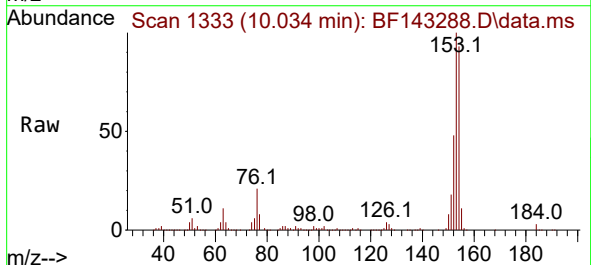
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

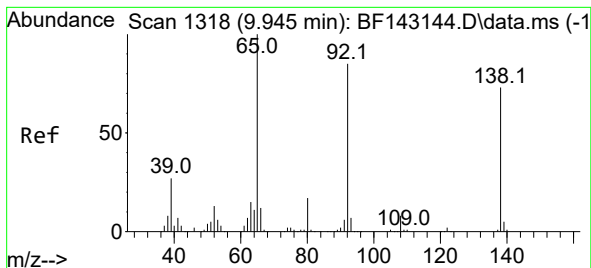
Tgt Ion:165 Resp: 148080
Ion Ratio Lower Upper
165 100
63 59.4 49.4 74.2
89 55.0 46.2 69.2



#52
Acenaphthene
Concen: 36.602 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:154 Resp: 601572
Ion Ratio Lower Upper
154 100
153 107.8 86.6 129.8
152 51.7 40.4 60.6

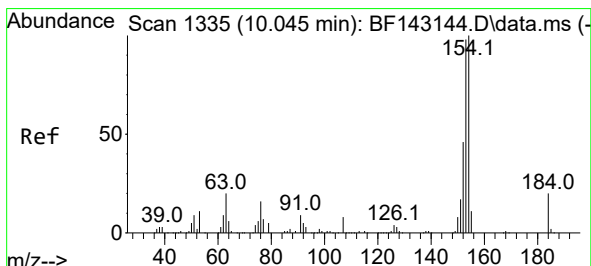
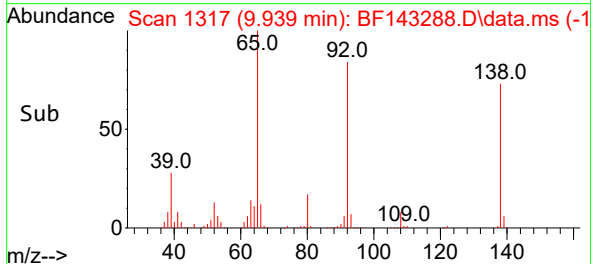
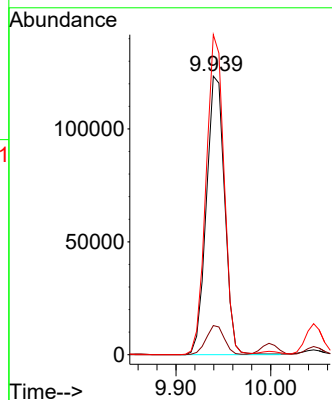
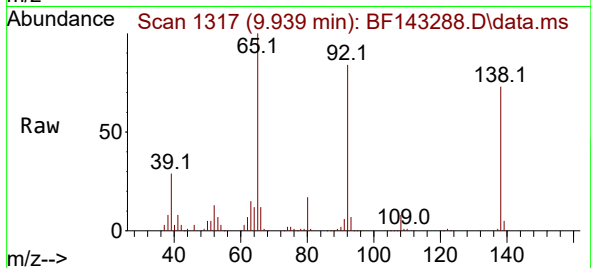




#53
3-Nitroaniline
Concen: 36.967 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

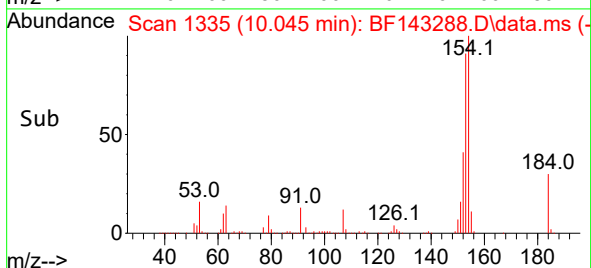
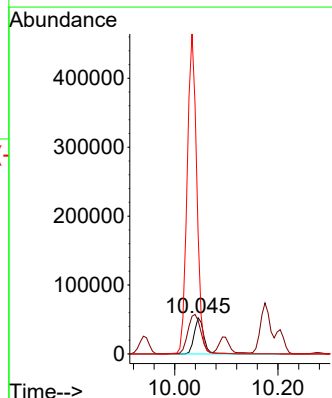
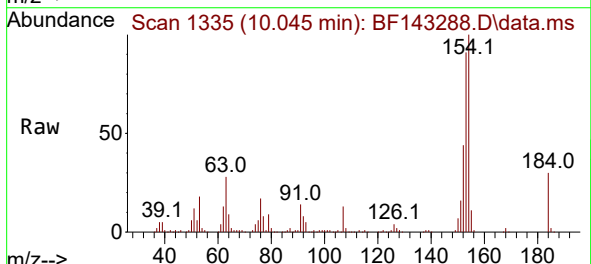
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

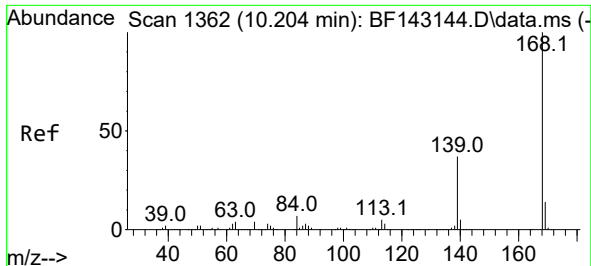
Tgt Ion:138 Resp: 164802
Ion Ratio Lower Upper
138 100
108 10.5 9.0 13.6
92 114.9 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 43.254 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:184 Resp: 68950
Ion Ratio Lower Upper
184 100
63 92.3 81.8 122.6
154 332.2 412.2 618.4#

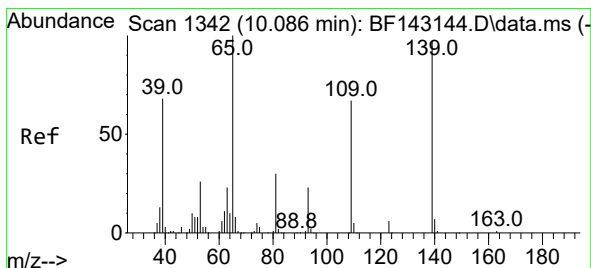
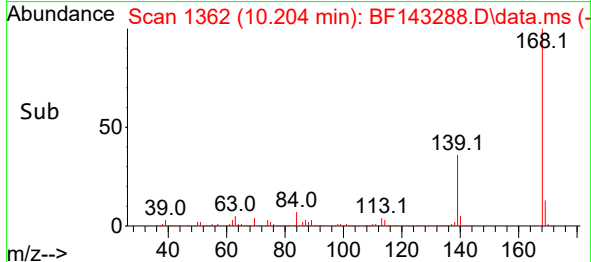
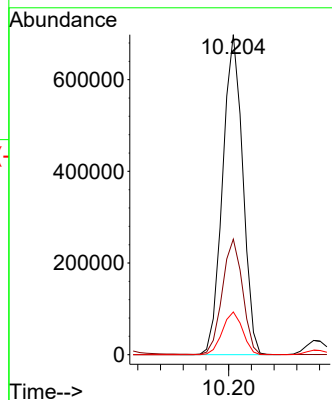
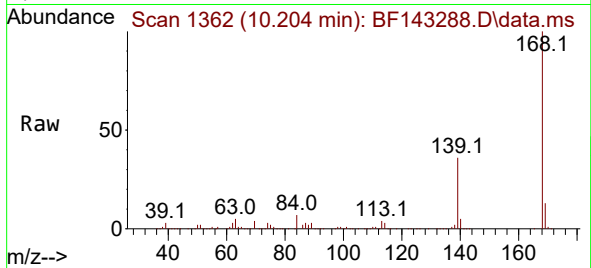




#55
Dibenzenofuran
Concen: 35.246 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

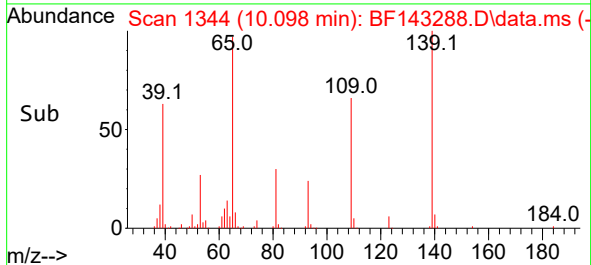
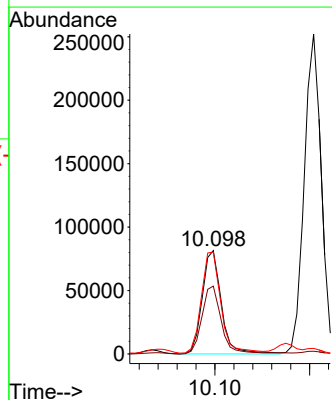
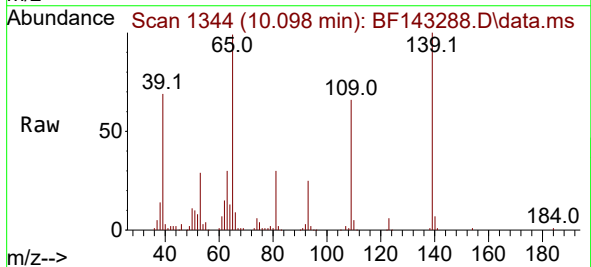
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

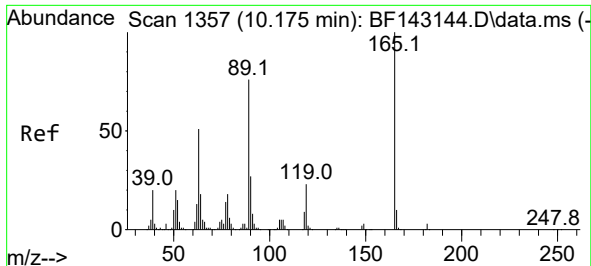
Tgt Ion:168 Resp: 860060
Ion Ratio Lower Upper
168 100
139 36.1 29.5 44.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 34.188 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:139 Resp: 113812
Ion Ratio Lower Upper
139 100
109 65.7 48.5 88.5
65 98.7 83.4 123.4

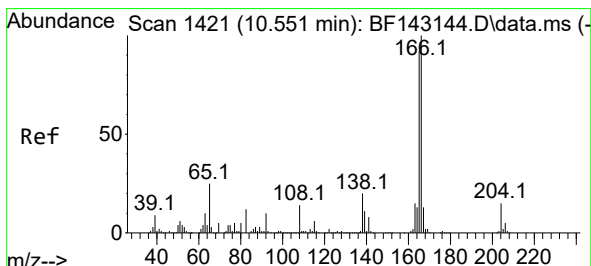
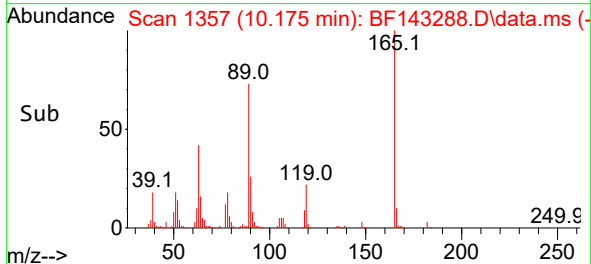
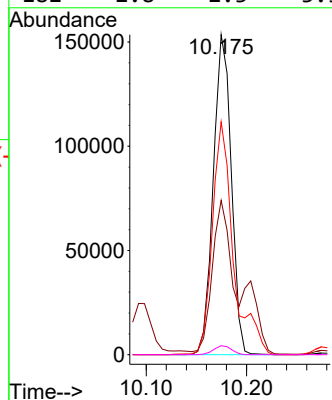
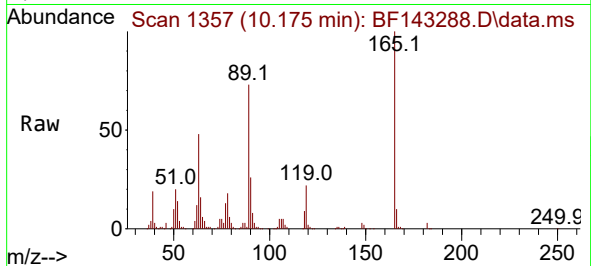




#57
2,4-Dinitrotoluene
Concen: 39.995 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

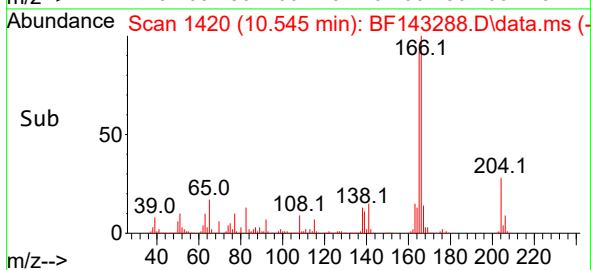
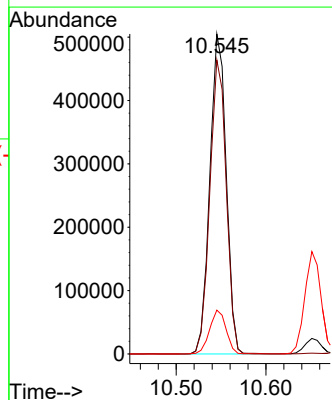
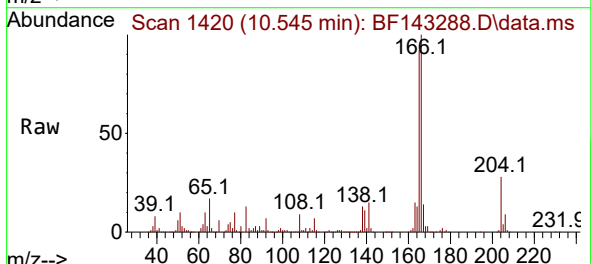
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

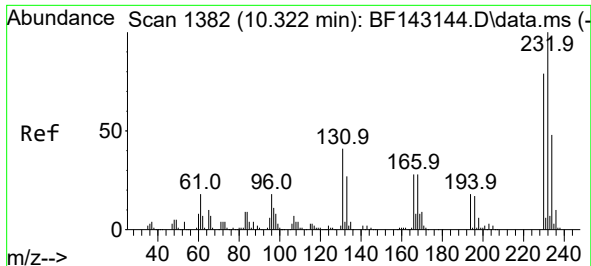
Tgt Ion:	165	Resp:	191247
Ion Ratio	Lower	Upper	
165	100		
63	48.2	41.0	61.4
89	72.7	61.1	91.7
182	2.8	2.3	3.5



#58
Fluorene
Concen: 34.956 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

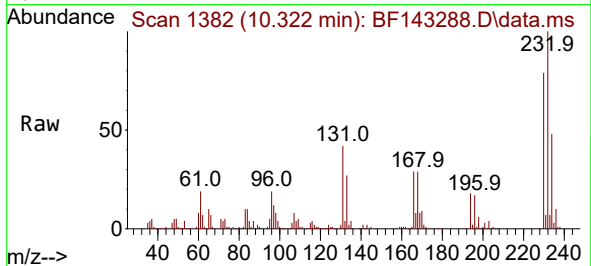
Tgt Ion:	166	Resp:	640182
Ion Ratio	Lower	Upper	
166	100		
165	91.9	73.7	110.5
167	13.7	10.6	16.0



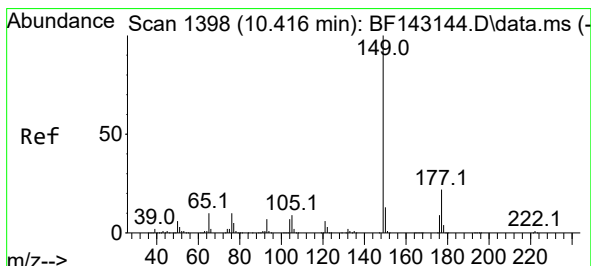
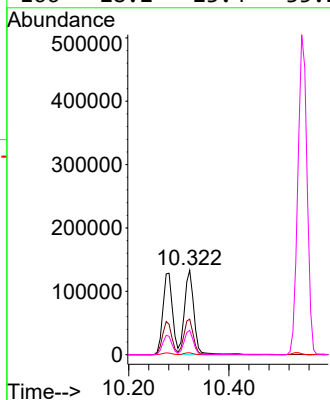
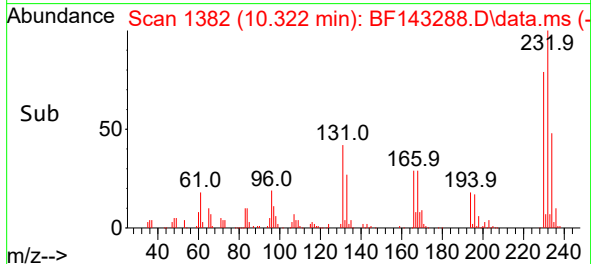


#59
2,3,4,6-Tetrachlorophenol
Concen: 36.446 ng
RT: 10.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

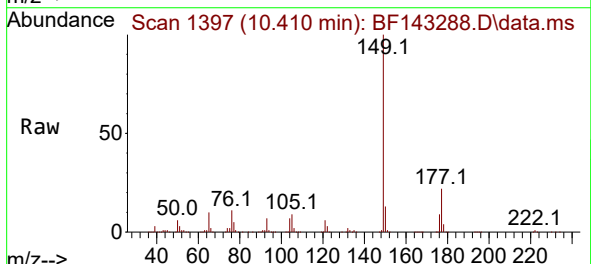
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



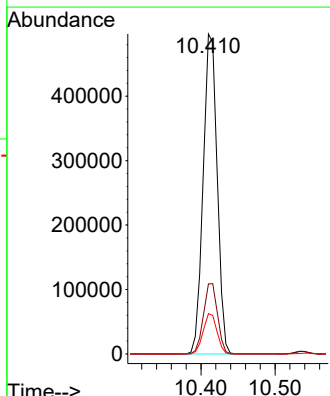
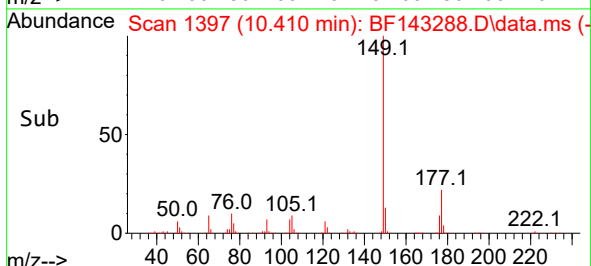
Tgt Ion:232 Resp: 173446
Ion Ratio Lower Upper
232 100
131 42.3 35.3 52.9
130 2.2 1.7 2.5
166 28.2 23.4 35.2

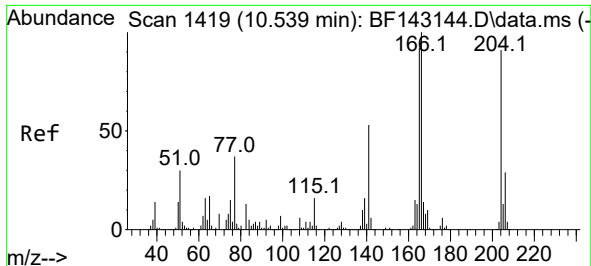


#60
Diethylphthalate
Concen: 35.251 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58



Tgt Ion:149 Resp: 652797
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.6 10.2 15.2

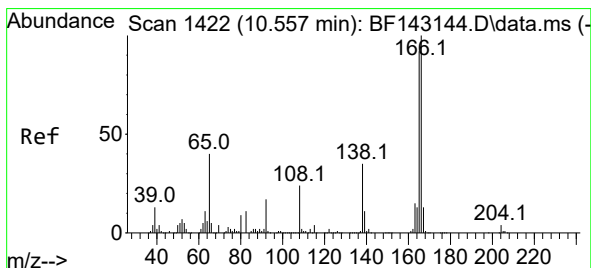
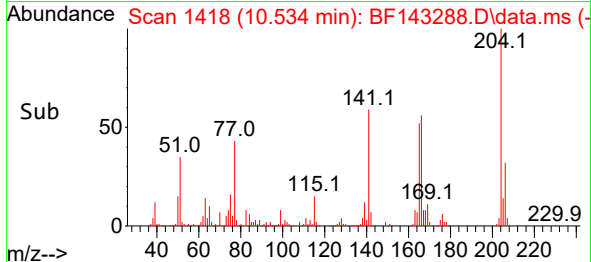
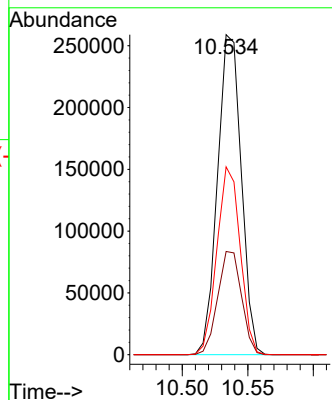
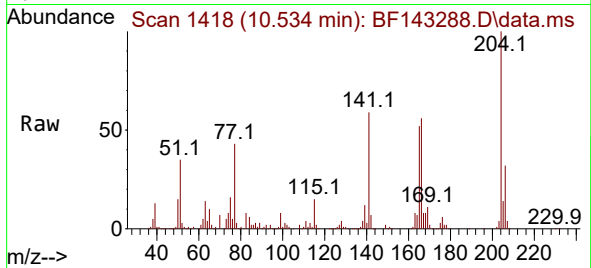




#61
4-Chlorophenyl-phenylether
Concen: 35.772 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

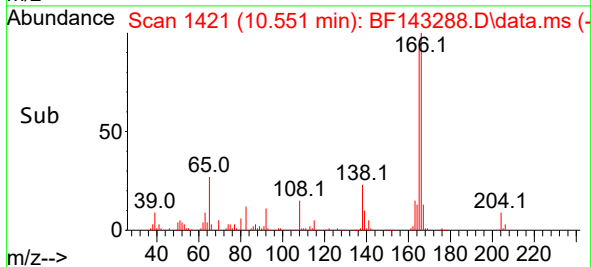
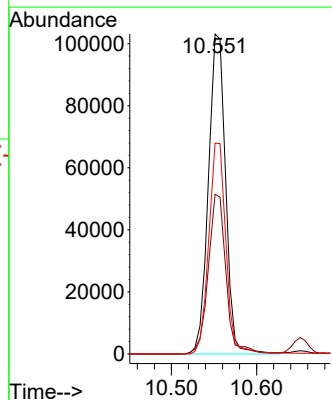
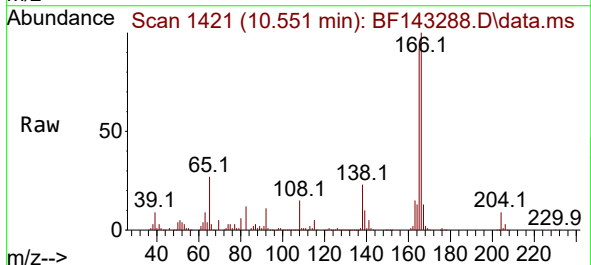
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

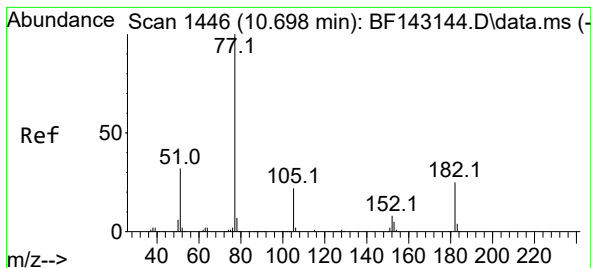
Tgt Ion:204 Resp: 326212
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 37.964 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:138 Resp: 145054
Ion Ratio Lower Upper
138 100
92 49.9 29.3 69.3
108 65.8 48.3 88.3





#63

Azobenzene

Concen: 35.429 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 683795

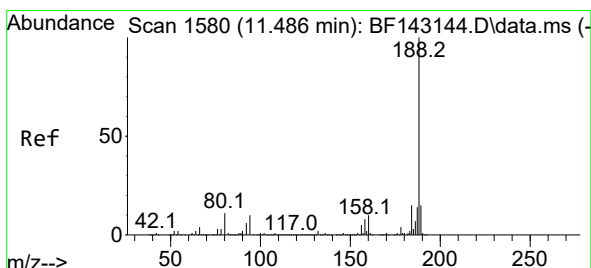
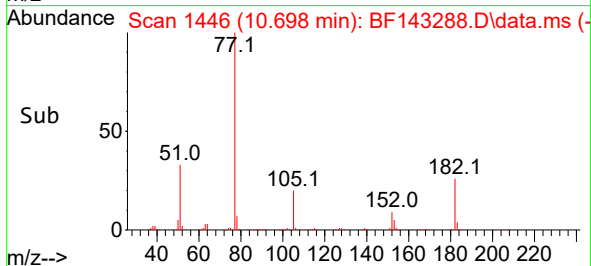
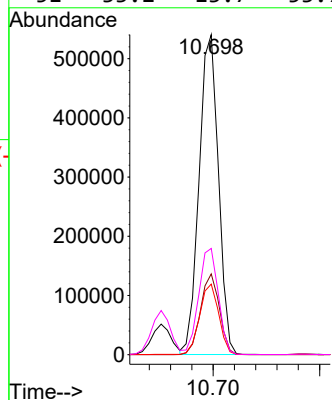
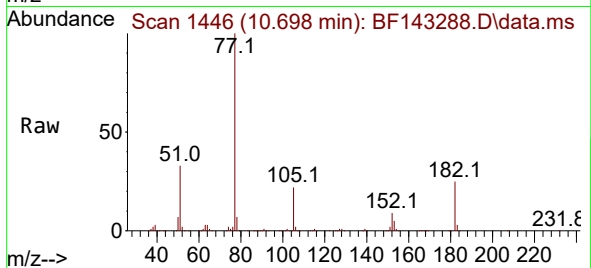
Ion Ratio Lower Upper

77 100

182 25.3 4.6 44.6

105 22.1 1.4 41.4

51 33.2 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

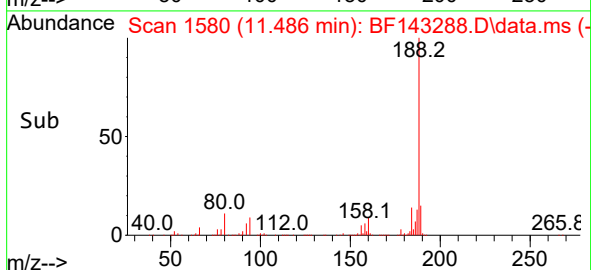
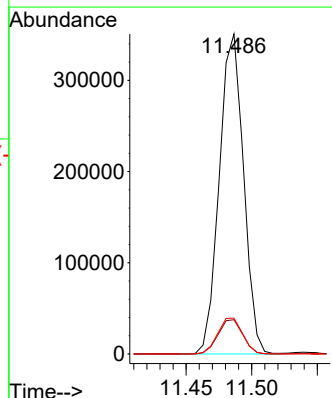
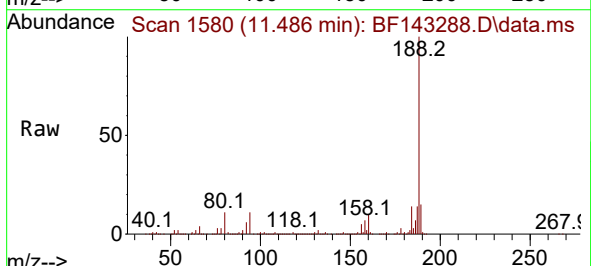
Tgt Ion: 188 Resp: 450669

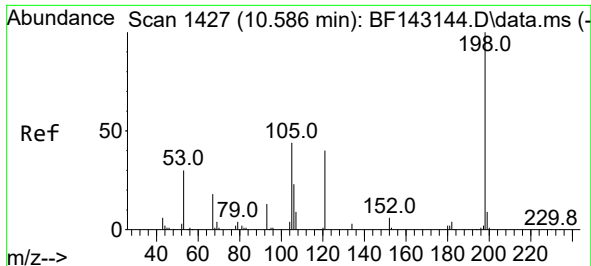
Ion Ratio Lower Upper

188 100

94 10.7 8.3 12.5

80 11.2 9.0 13.6

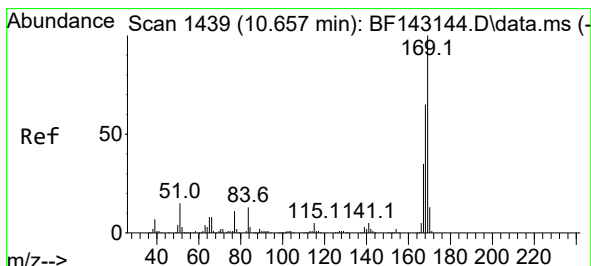
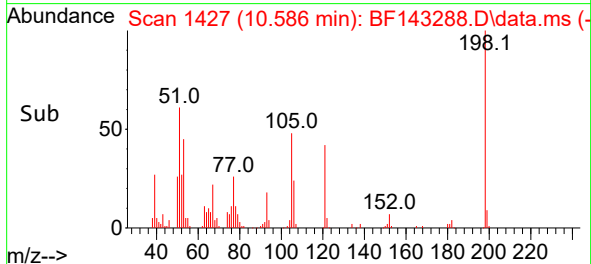
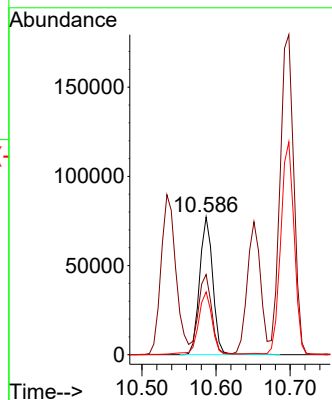
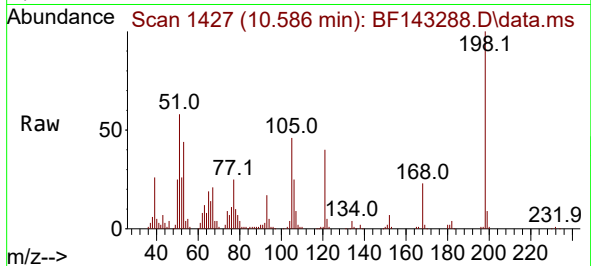




#65
4,6-Dinitro-2-methylphenol
Concen: 41.175 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

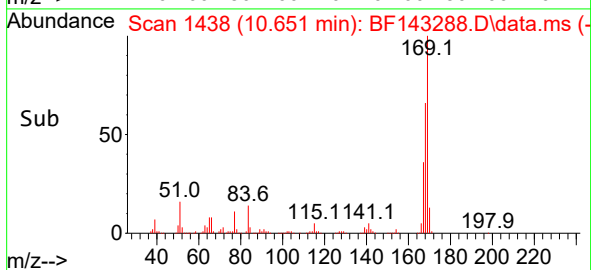
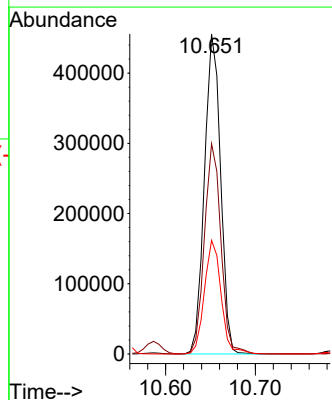
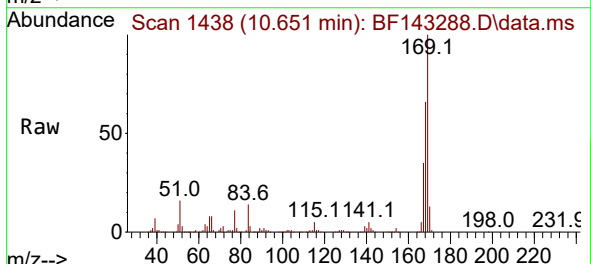
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

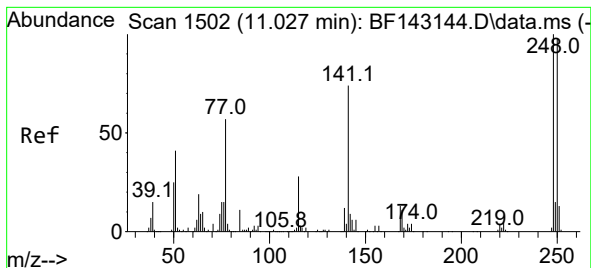
Tgt Ion:198 Resp: 95227
Ion Ratio Lower Upper
198 100
51 58.2 37.2 77.2
105 45.5 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 35.861 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:169 Resp: 569097
Ion Ratio Lower Upper
169 100
168 65.7 52.1 78.1
167 35.5 28.2 42.2

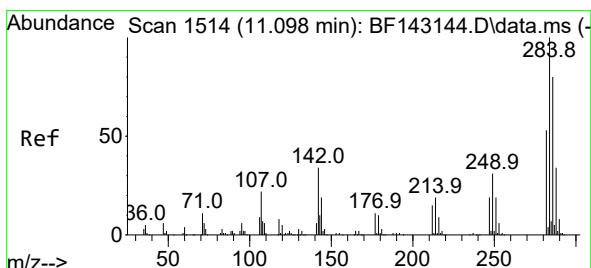
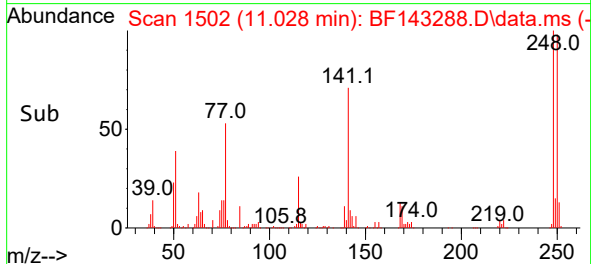
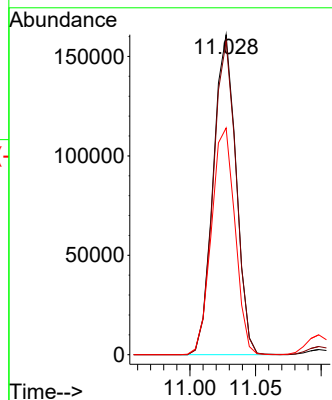
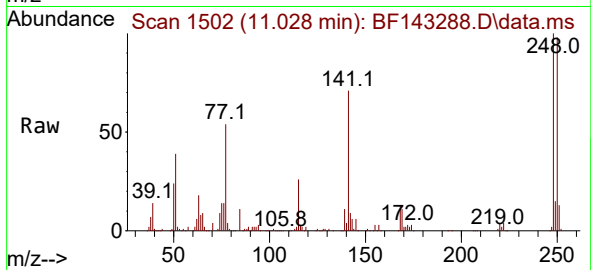




#67
4-Bromophenyl-phenylether
Concen: 36.307 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

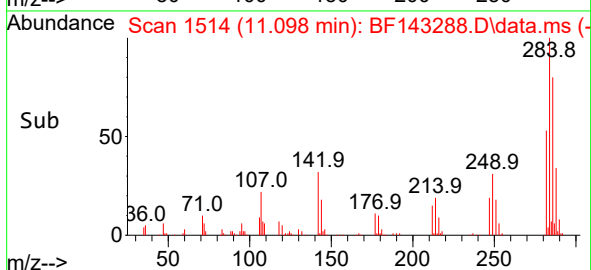
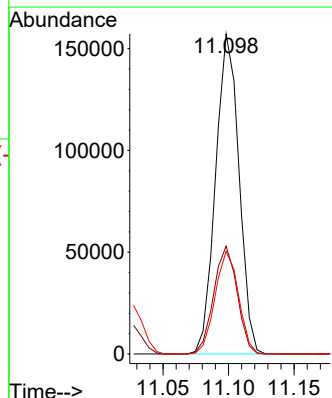
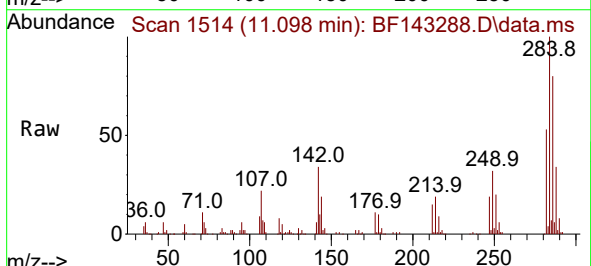
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

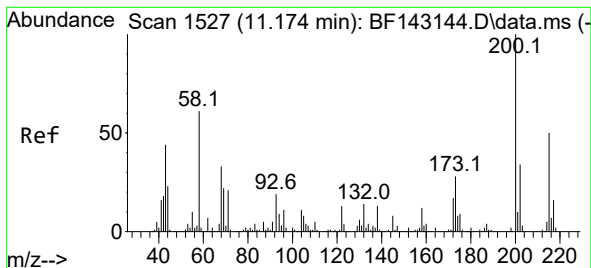
Tgt Ion:248 Resp: 194997
Ion Ratio Lower Upper
248 100
250 98.0 78.3 117.5
141 70.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 34.704 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:284 Resp: 194813
Ion Ratio Lower Upper
284 100
142 33.7 27.0 40.6
249 32.0 25.0 37.6





#69

Atrazine

Concen: 37.905 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

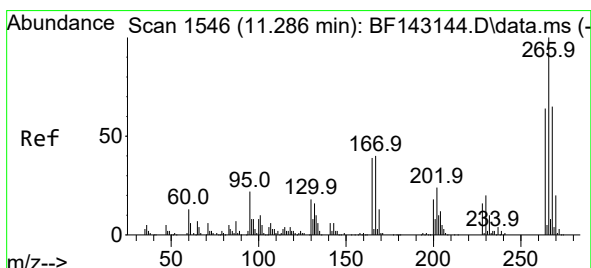
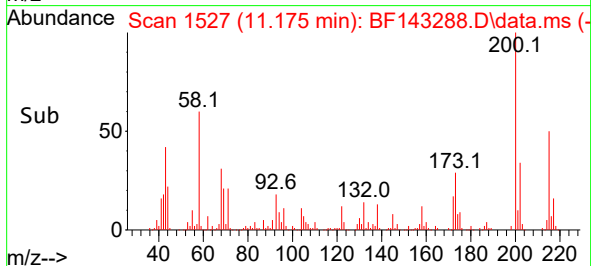
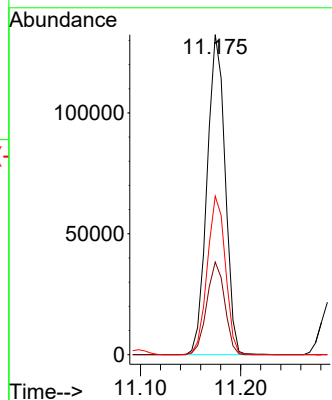
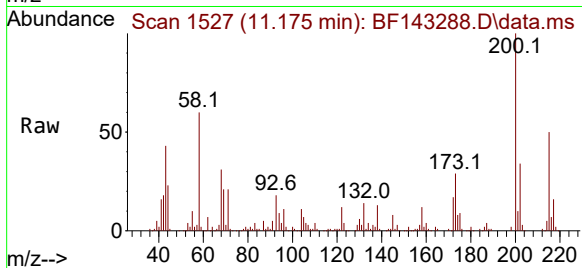
Tgt Ion:200 Resp: 165836

Ion Ratio Lower Upper

200 100

173 29.0 7.9 47.9

215 49.6 30.1 70.1



#70

Pentachlorophenol

Concen: 53.089 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

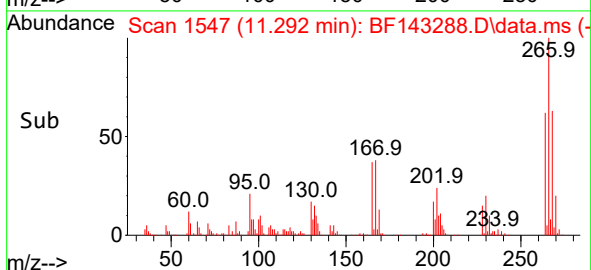
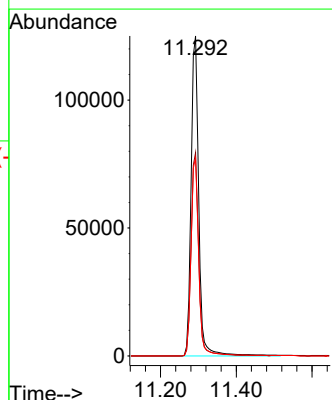
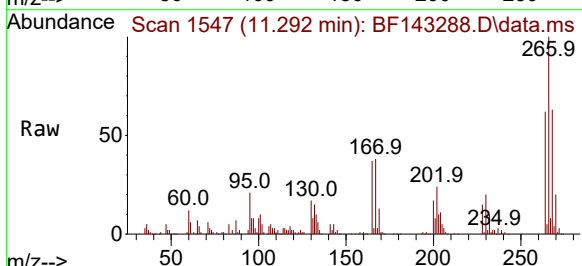
Tgt Ion:266 Resp: 175260

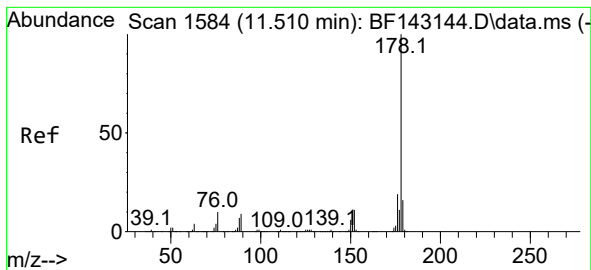
Ion Ratio Lower Upper

266 100

268 63.5 51.9 77.9

264 61.9 51.0 76.6





#71

Phenanthrene

Concen: 35.092 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

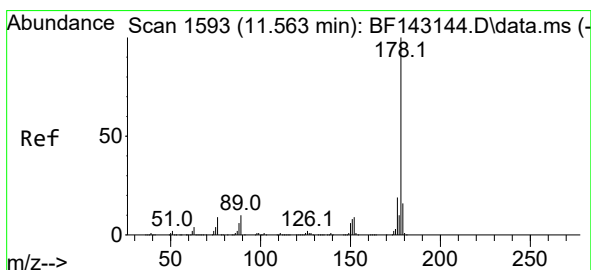
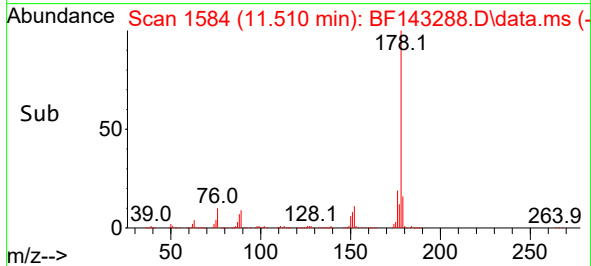
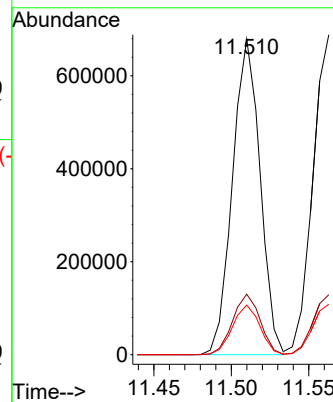
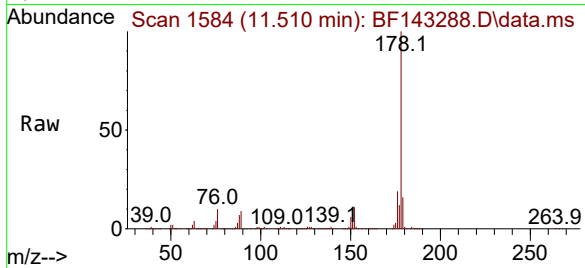
Tgt Ion:178 Resp: 839717

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.7 12.5 18.7



#72

Anthracene

Concen: 35.448 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

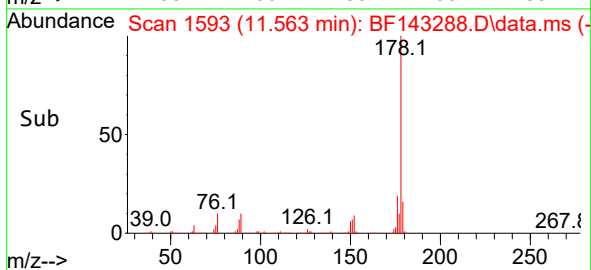
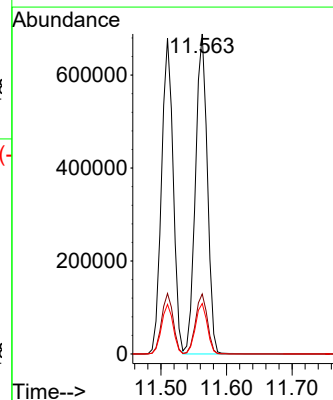
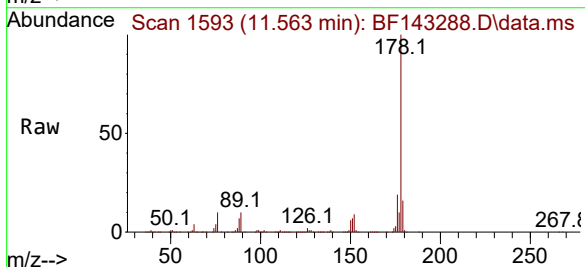
Tgt Ion:178 Resp: 865101

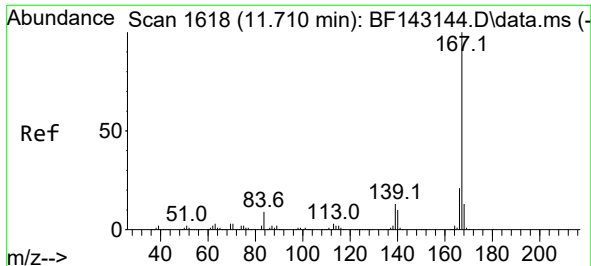
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.8 12.5 18.7

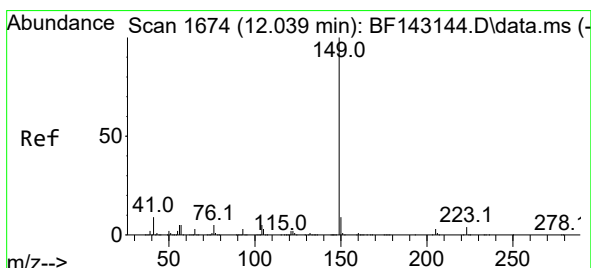
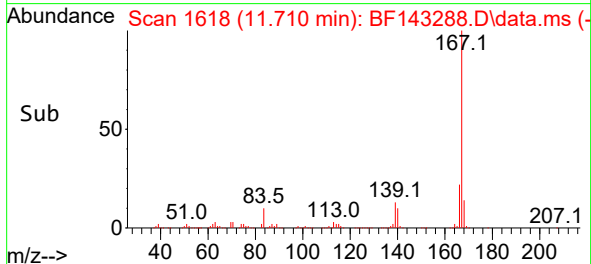
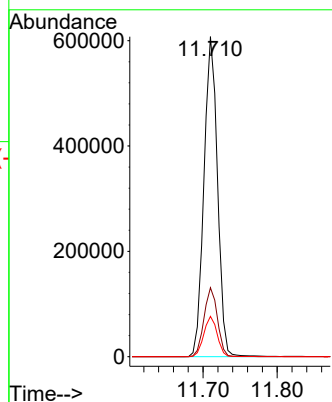
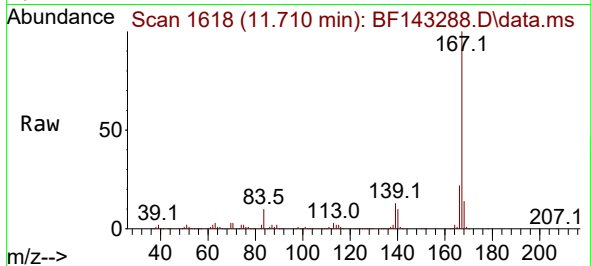




#73
 Carbazole
 Concen: 36.207 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143288.D
 Acq: 01 Aug 2025 17:58

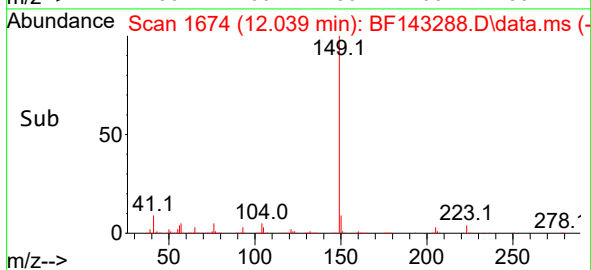
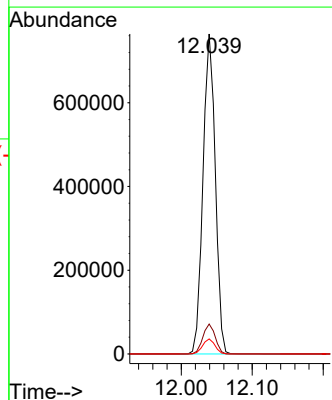
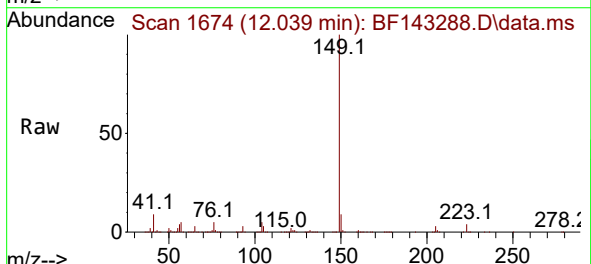
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

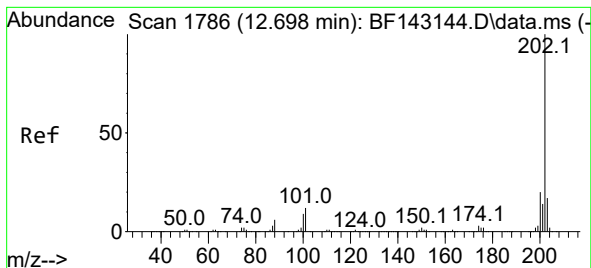
Tgt Ion:167 Resp: 771577
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 38.218 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143288.D
 Acq: 01 Aug 2025 17:58

Tgt Ion:149 Resp: 921529
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 37.450 ng

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

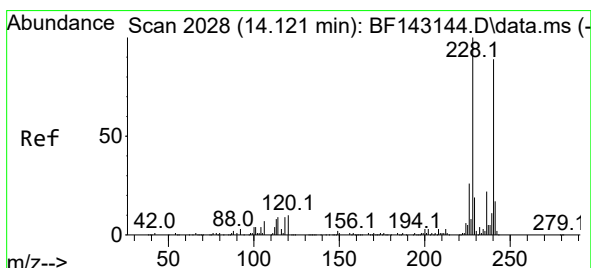
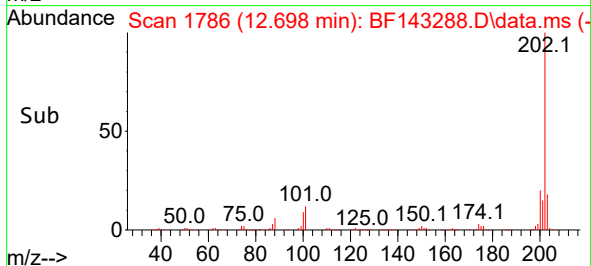
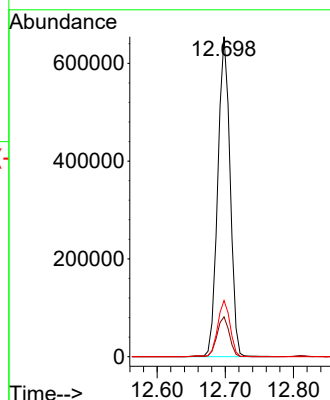
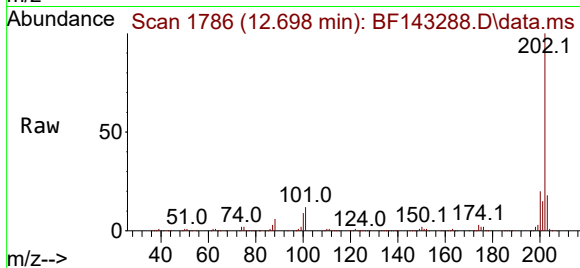
Tgt Ion:202 Resp: 822544

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.7

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

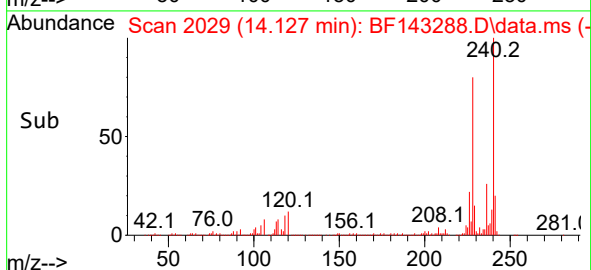
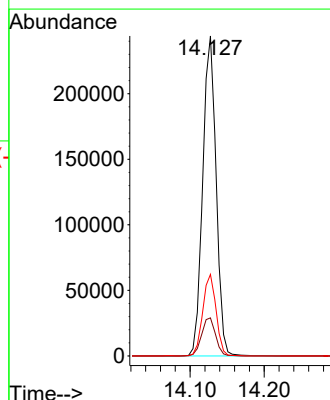
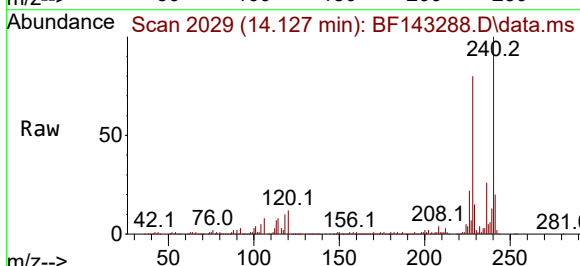
Tgt Ion:240 Resp: 306544

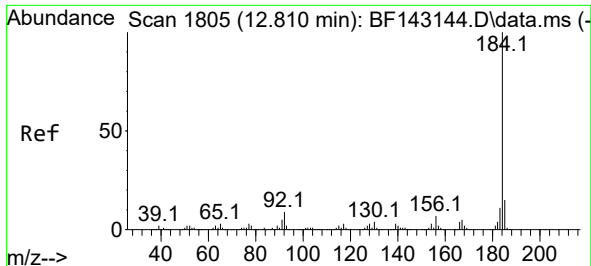
Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 25.5 20.2 30.4

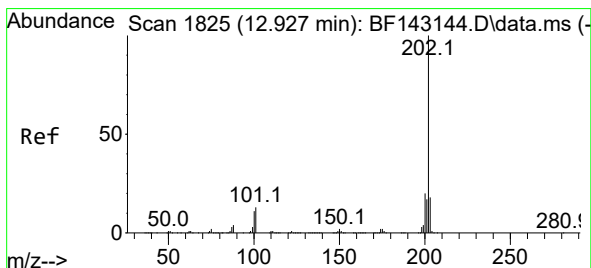
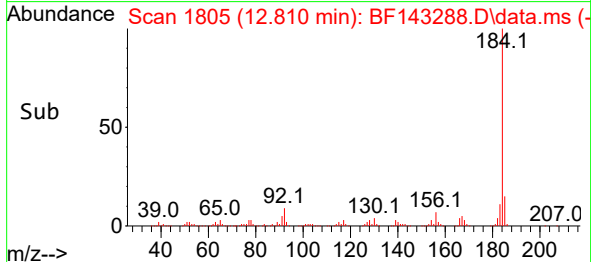
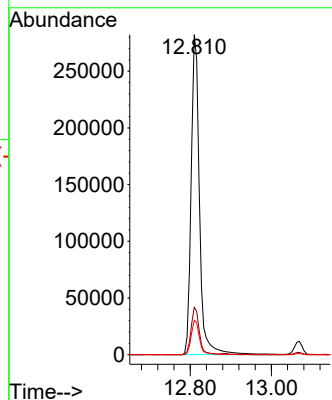
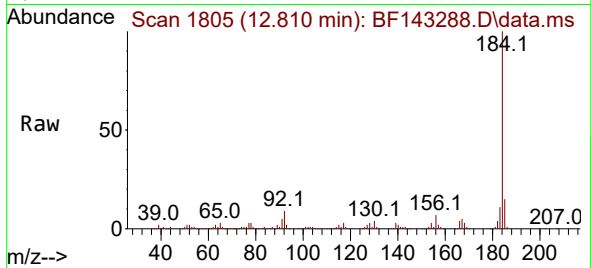




#77
Benzidine
Concen: 34.036 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

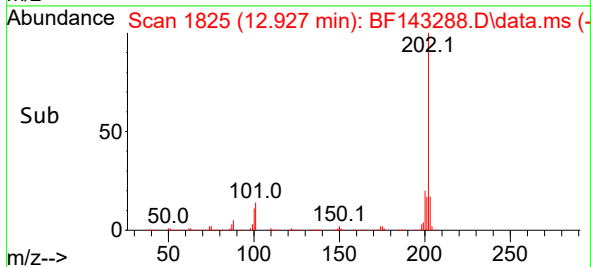
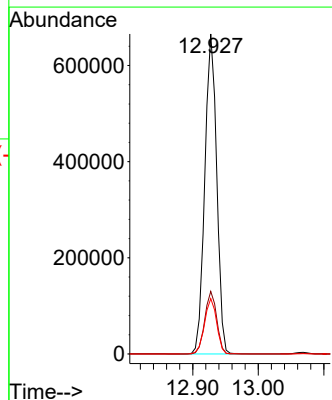
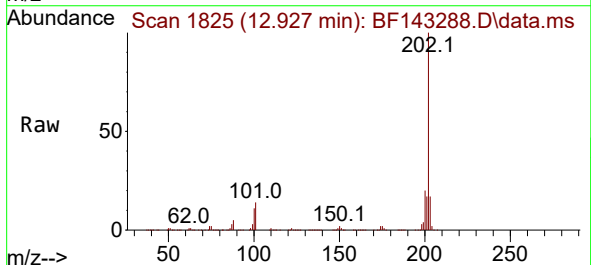
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

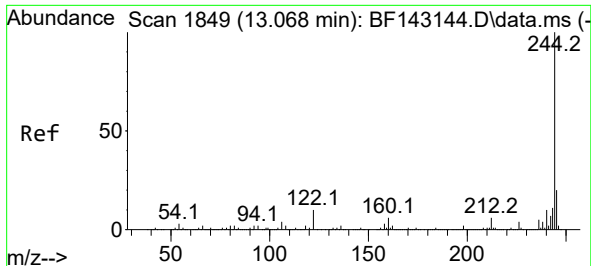
Tgt Ion:184 Resp: 401974
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 32.184 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:202 Resp: 841990
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.3 14.2 21.2

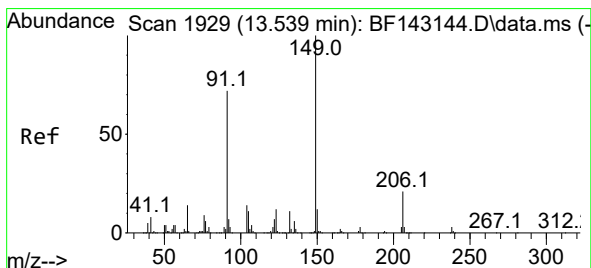
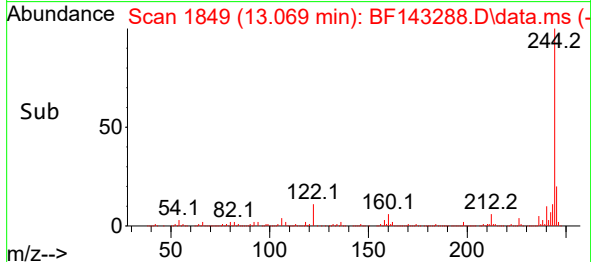
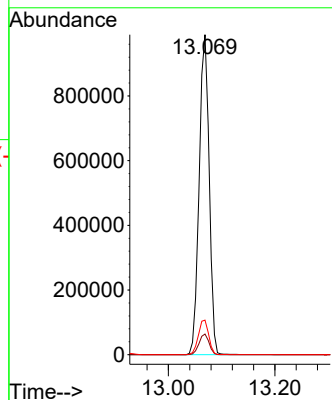
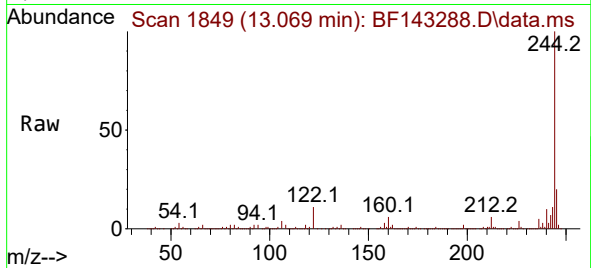




#79
 Terphenyl-d14
 Concen: 62.472 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143288.D
 Acq: 01 Aug 2025 17:58

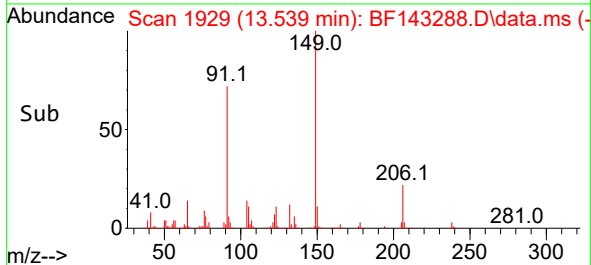
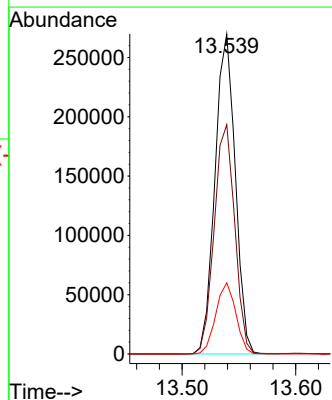
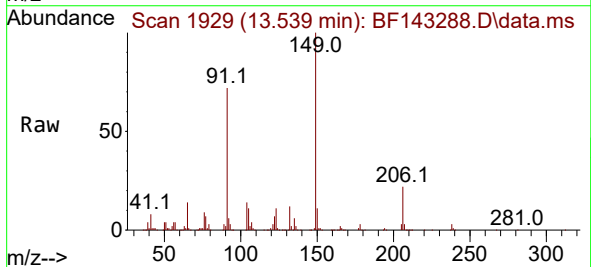
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

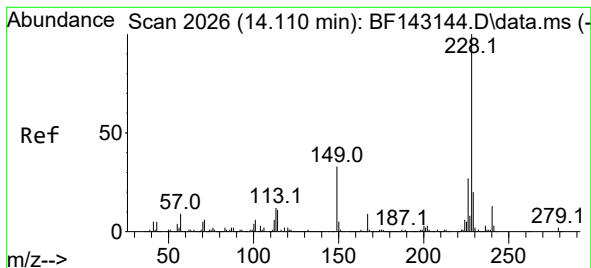
Tgt Ion:244 Resp: 1286893
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.8 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 41.849 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143288.D
 Acq: 01 Aug 2025 17:58

Tgt Ion:149 Resp: 335256
 Ion Ratio Lower Upper
 149 100
 91 71.7 57.9 86.9
 206 22.2 17.0 25.4





#81

Benzo(a)anthracene

Concen: 35.565 ng

RT: 14.116 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

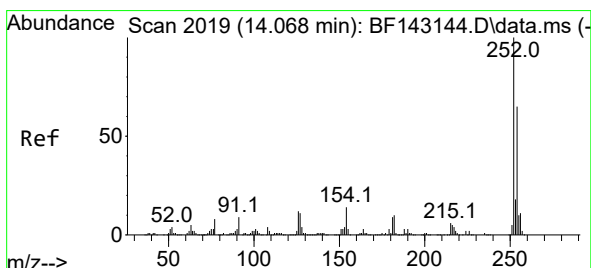
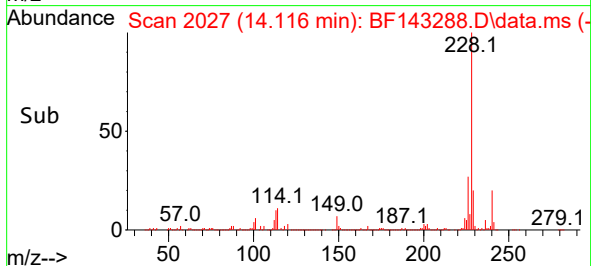
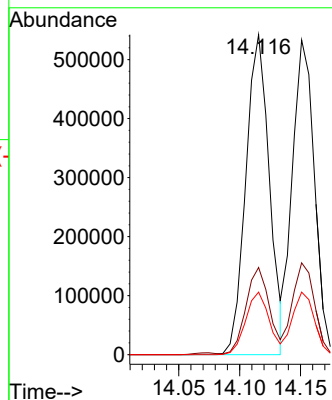
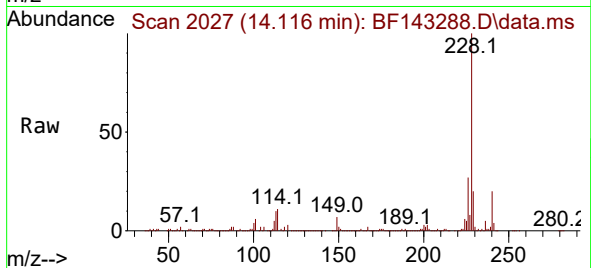
Tgt Ion:228 Resp: 729897

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 37.375 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

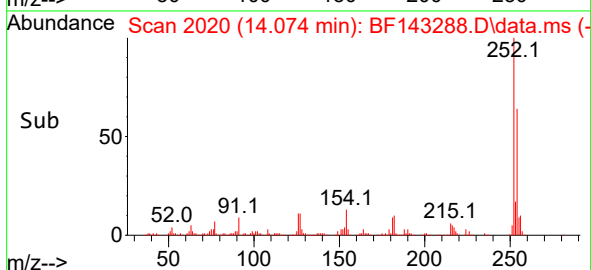
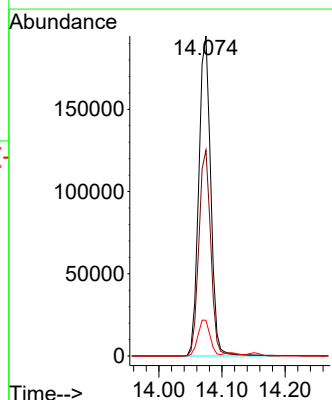
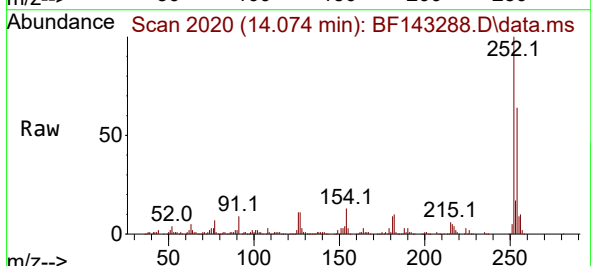
Tgt Ion:252 Resp: 255647

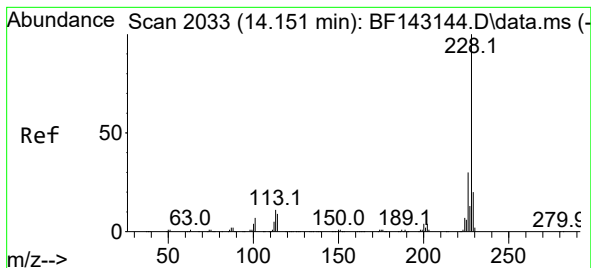
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 11.2 9.4 14.0





#83

Chrysene

Concen: 36.582 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

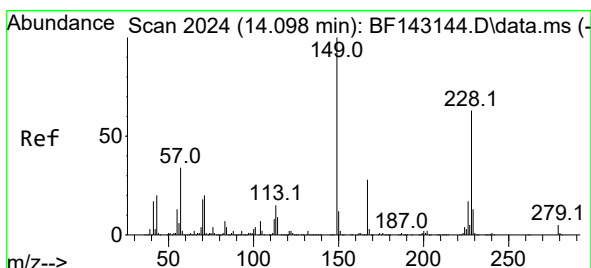
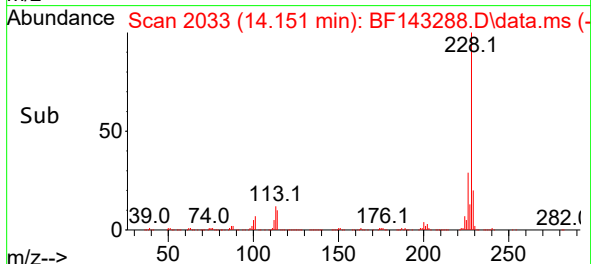
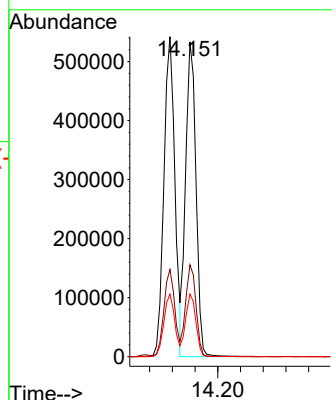
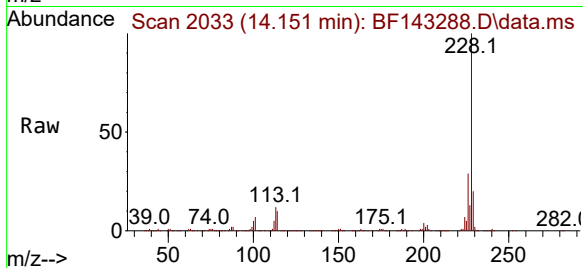
Tgt Ion:228 Resp: 675018

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.952 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

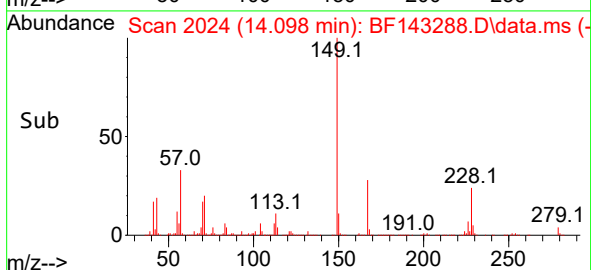
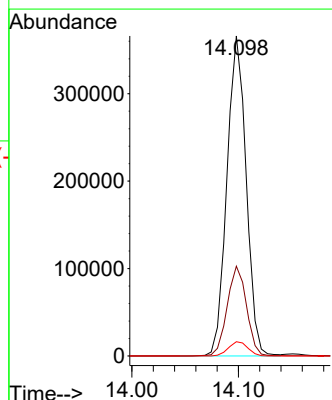
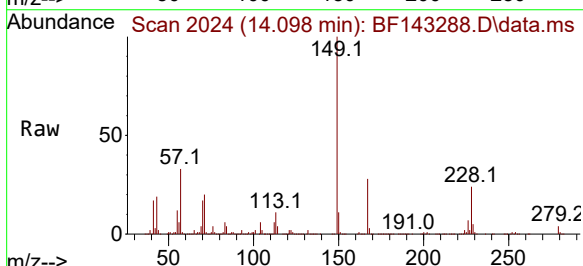
Tgt Ion:149 Resp: 460189

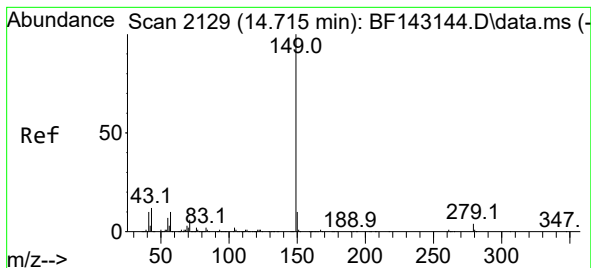
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 4.5 3.6 5.4

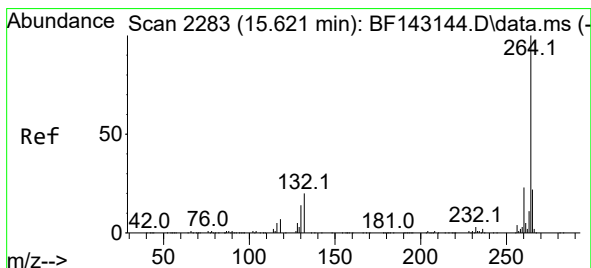
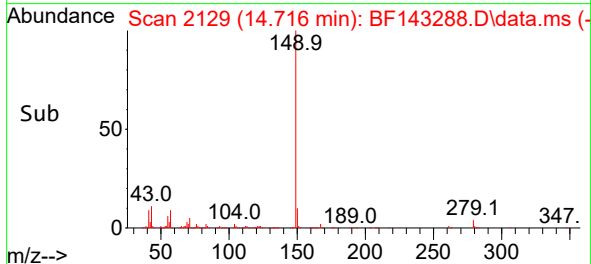
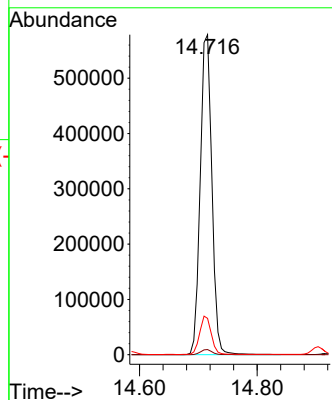
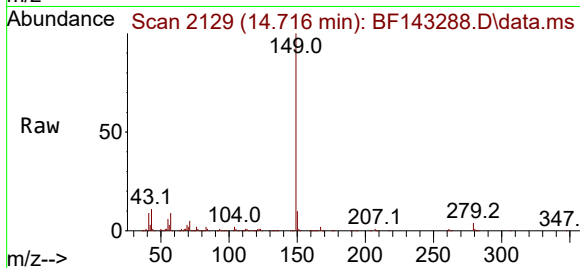




#85
Di-n-octyl phthalate
Concen: 36.103 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

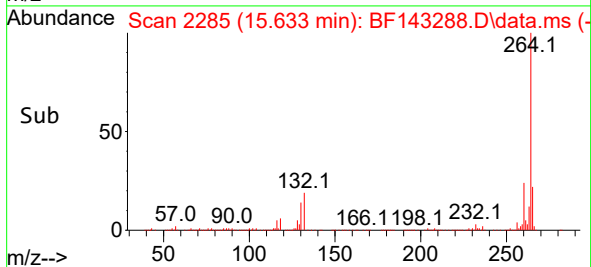
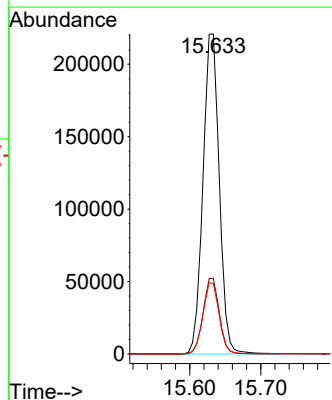
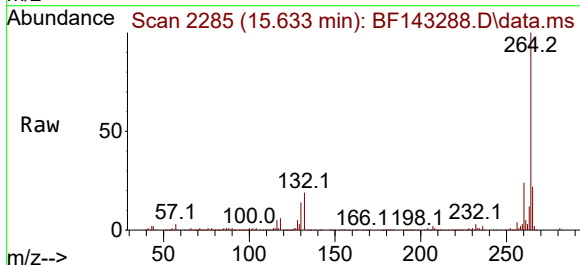
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

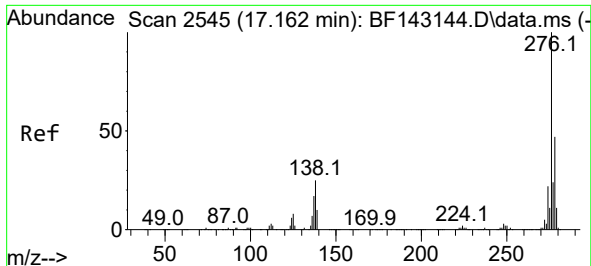
Tgt Ion:149 Resp: 793509
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.9 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:264 Resp: 353465
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 22.1 17.4 26.2

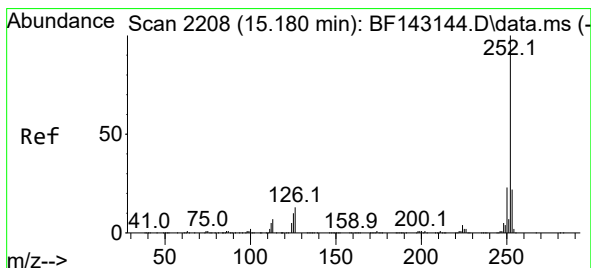
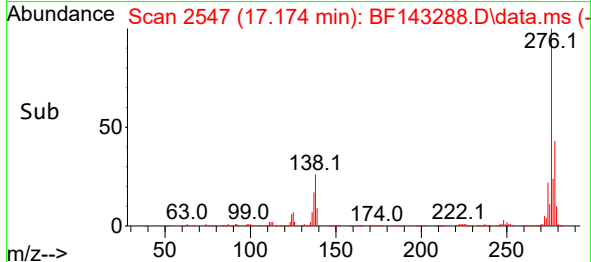
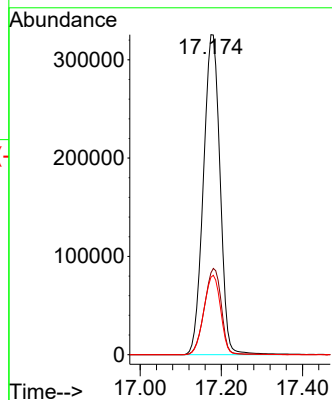
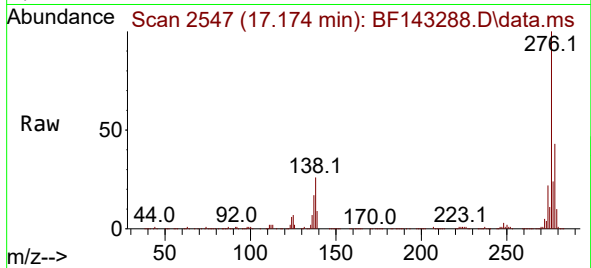




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.109 ng
RT: 17.174 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

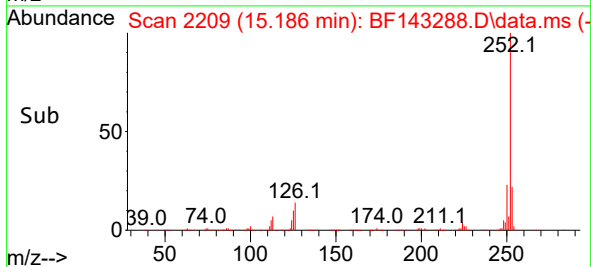
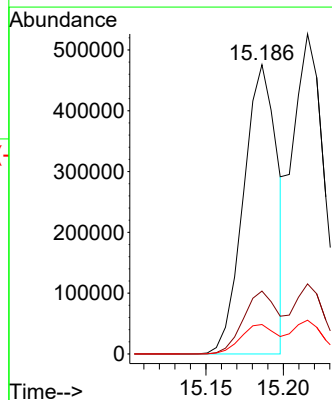
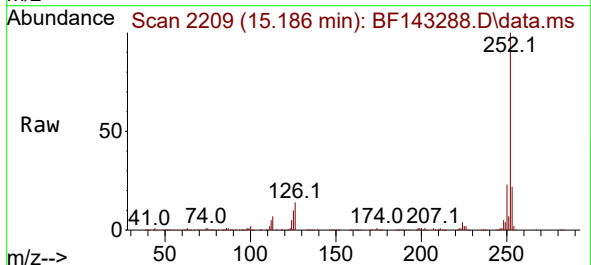
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

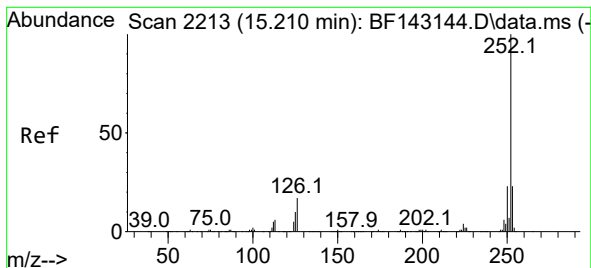
Tgt Ion:276 Resp: 924899
Ion Ratio Lower Upper
276 100
138 27.5 21.8 32.6
277 25.2 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 33.242 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:252 Resp: 717809
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 38.661 ng

RT: 15.216 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

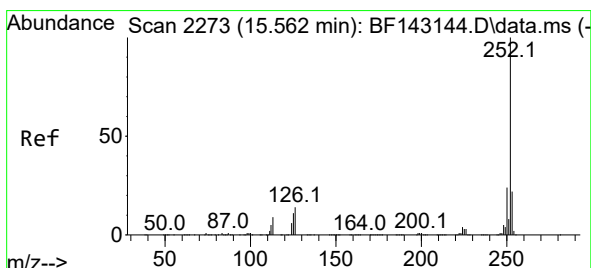
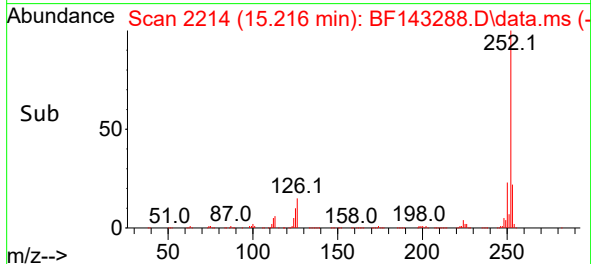
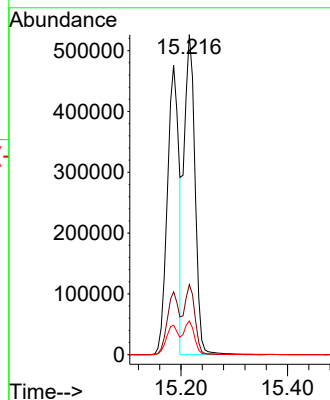
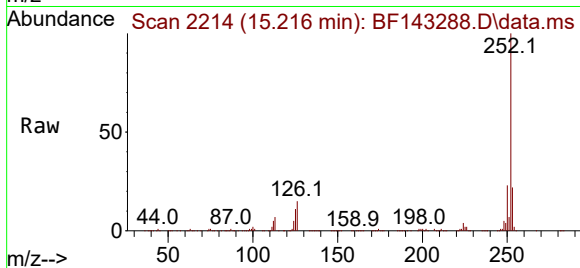
Tgt Ion:252 Resp: 744955

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.6 8.1 12.1



#90

Benzo(a)pyrene

Concen: 36.448 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143288.D

Acq: 01 Aug 2025 17:58

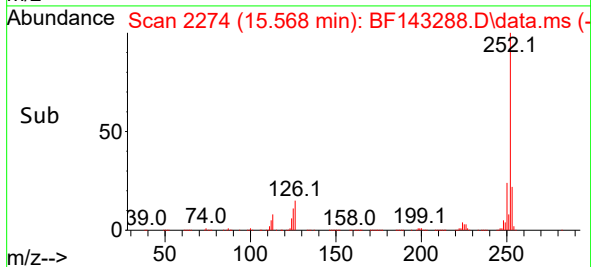
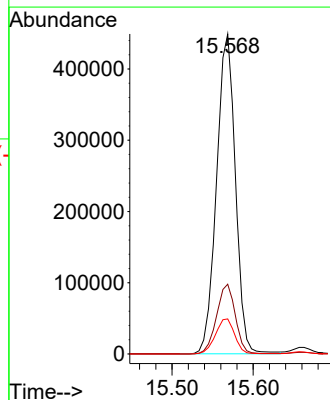
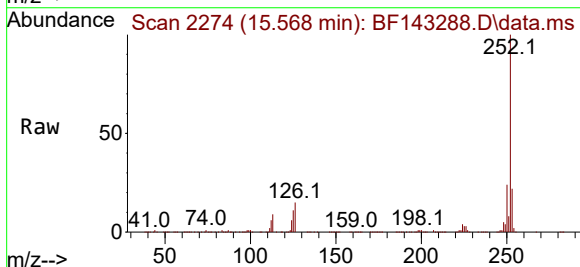
Tgt Ion:252 Resp: 725136

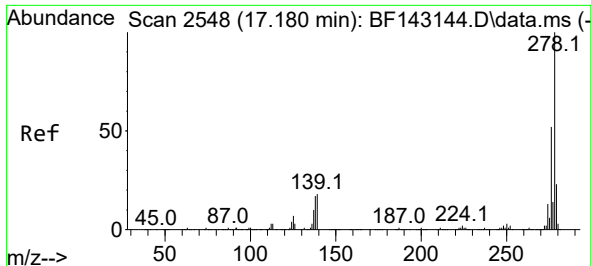
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.9 8.6 13.0

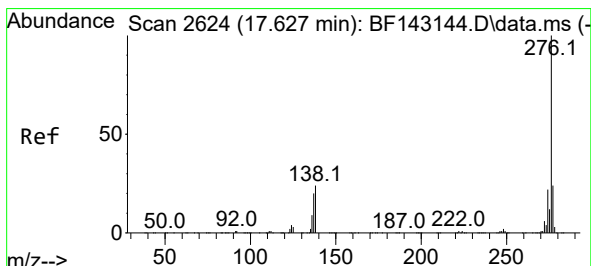
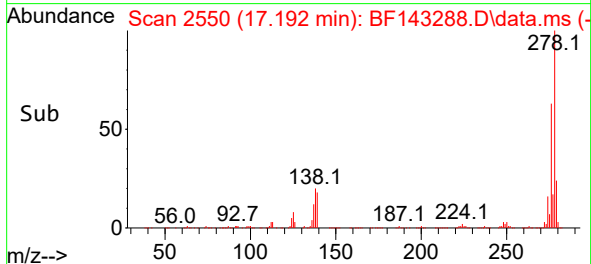
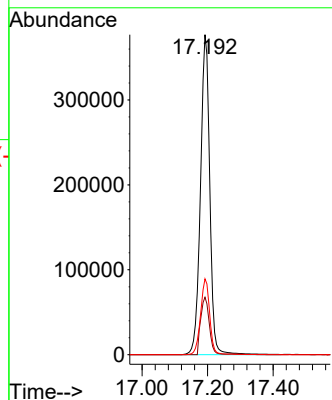
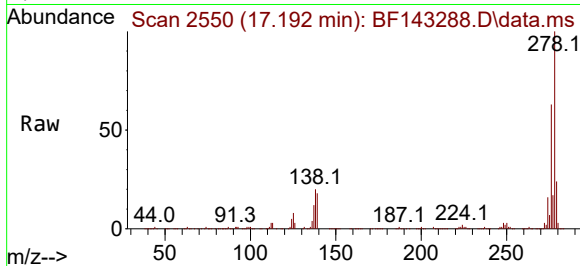




#91
Dibenzo(a,h)anthracene
Concen: 36.823 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 747014
Ion Ratio Lower Upper
278 100
139 18.0 14.1 21.1
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 37.548 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143288.D
Acq: 01 Aug 2025 17:58

Tgt Ion:276 Resp: 736839
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 23.6 18.9 28.3

