

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143210.D
 Acq On : 23 Jul 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 23 15:12:13 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	97351	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	364498	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	187438	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	309922	20.000	ng	0.00
76) Chrysene-d12	14.121	240	228057	20.000	ng	0.00
86) Perylene-d12	15.627	264	245226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	484136	78.697	ng	0.00
7) Phenol-d6	6.592	99	593088	76.594	ng	0.00
23) Nitrobenzene-d5	7.522	82	594723	81.332	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	151520	78.251	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1088775	79.441	ng	0.00
79) Terphenyl-d14	13.063	244	1074970	70.144	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	113651	39.043	ng	98
3) Pyridine	3.575	79	283334	37.501	ng	98
4) n-Nitrosodimethylamine	3.510	42	151578	38.857	ng	97
6) Aniline	6.628	93	402849	37.330	ng	99
8) 2-Chlorophenol	6.751	128	252794	39.203	ng	97
9) Benzaldehyde	6.510	77	207569	35.749	ng	98
10) Phenol	6.604	94	336045	39.837	ng	97
11) bis(2-Chloroethyl)ether	6.692	93	244219	37.812	ng	99
12) 1,3-Dichlorobenzene	6.910	146	281071	40.124	ng	98
13) 1,4-Dichlorobenzene	6.981	146	280709	39.792	ng	99
14) 1,2-Dichlorobenzene	7.134	146	269162	40.116	ng	99
15) Benzyl Alcohol	7.098	79	228448	38.639	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	450642	37.612	ng	99
17) 2-Methylphenol	7.210	107	207561	38.282	ng	99
18) Hexachloroethane	7.481	117	100851	41.296	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	180795	36.393	ng	98
20) 3+4-Methylphenols	7.363	107	256887	39.051	ng	# 77
22) Acetophenone	7.369	105	335287	38.853	ng	# 99
24) Nitrobenzene	7.539	77	274884	40.321	ng	99
25) Isophorone	7.781	82	487827	37.791	ng	98
26) 2-Nitrophenol	7.857	139	130397	44.072	ng	99
27) 2,4-Dimethylphenol	7.892	122	230195	38.169	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	292069	37.737	ng	99
29) 2,4-Dichlorophenol	8.098	162	200347	39.391	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	223983	40.763	ng	100
31) Naphthalene	8.269	128	713073	39.723	ng	99
32) Benzoic acid	7.986	122	138803	41.627	ng	98
33) 4-Chloroaniline	8.310	127	280428	38.259	ng	99
34) Hexachlorobutadiene	8.386	225	137489	40.960	ng	99
35) Caprolactam	8.663	113	62853	40.895	ng	99
36) 4-Chloro-3-methylphenol	8.786	107	214294	38.764	ng	97
37) 2-Methylnaphthalene	8.957	142	432353	39.580	ng	100
38) 1-Methylnaphthalene	9.057	142	448502	39.872	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	216223	39.956	ng	99
41) Hexachlorocyclopentadiene	9.116	237	148176	42.082	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	144660	38.625	ng	100

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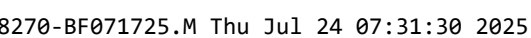
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	150645	40.211	ng	98
46) 1,1'-Biphenyl	9.416	154	576976	39.454	ng	100
47) 2-Chloronaphthalene	9.445	162	421533	38.957	ng	99
48) 2-Nitroaniline	9.533	65	139765	41.188	ng	99
49) Acenaphthylene	9.863	152	707016	38.989	ng	100
50) Dimethylphthalate	9.710	163	482643	39.503	ng	100
51) 2,6-Dinitrotoluene	9.769	165	101938	41.014	ng	96
52) Acenaphthene	10.033	154	424478	39.605	ng	99
53) 3-Nitroaniline	9.939	138	120421	41.423	ng	98
54) 2,4-Dinitrophenol	10.045	184	45389	43.601	ng	# 50
55) Dibenzofuran	10.204	168	625794	39.327	ng	100
56) 4-Nitrophenol	10.092	139	90214	41.556	ng	97
57) 2,4-Dinitrotoluene	10.175	165	135422	43.429	ng	96
58) Fluorene	10.545	166	476175	39.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	111208	35.835	ng	98
60) Diethylphthalate	10.416	149	478128	39.593	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	238049	40.030	ng	98
62) 4-Nitroaniline	10.551	138	108074	43.376	ng	99
63) Azobenzene	10.698	77	489180	38.867	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	65757	41.322	ng	94
66) n-Nitrosodiphenylamine	10.651	169	413888	37.925	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	142152	38.488	ng	99
68) Hexachlorobenzene	11.098	284	150979	39.109	ng	99
69) Atrazine	11.174	200	126687	42.107	ng	99
70) Pentachlorophenol	11.286	266	83028	36.572	ng	99
71) Phenanthrene	11.510	178	646817	39.306	ng	100
72) Anthracene	11.563	178	667319	39.761	ng	100
73) Carbazole	11.710	167	608177	41.500	ng	99
74) Di-n-butylphthalate	12.039	149	733248	44.219	ng	100
75) Fluoranthene	12.698	202	673881	44.615	ng	99
77) Benzidine	12.810	184	357711	40.712	ng	98
78) Pyrene	12.927	202	676567	34.761	ng	99
80) Butylbenzylphthalate	13.539	149	280954	47.140	ng	97
81) Benzo(a)anthracene	14.110	228	581201	38.065	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	196307	38.576	ng	100
83) Chrysene	14.151	228	547436	39.878	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	392081	43.463	ng	99
85) Di-n-octyl phthalate	14.710	149	657230	40.193	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	665501	38.487	ng	99
88) Benzo(b)fluoranthene	15.180	252	626496	41.819	ng	99
89) Benzo(k)fluoranthene	15.210	252	489587	36.623	ng	100
90) Benzo(a)pyrene	15.562	252	543505	39.377	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	544233	38.668	ng	99
92) Benzo(g,h,i)perylene	17.633	276	538105	39.524	ng	99

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

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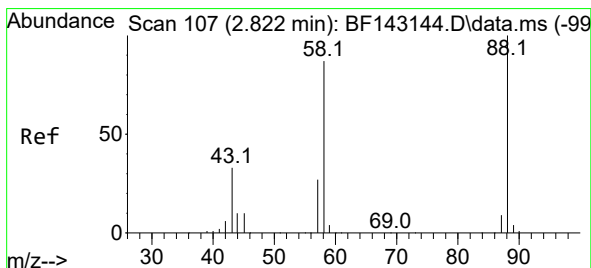
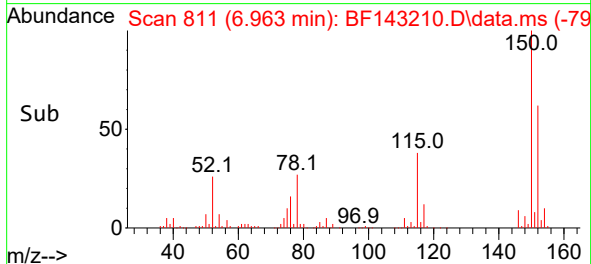
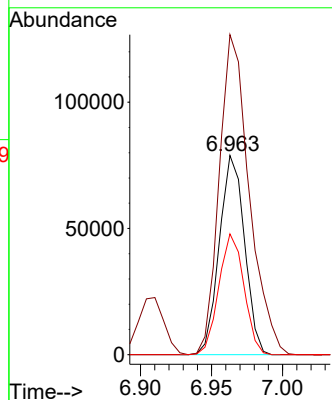
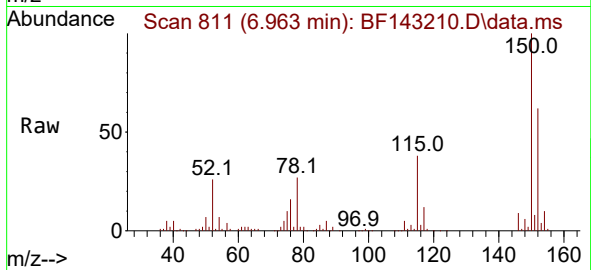




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33

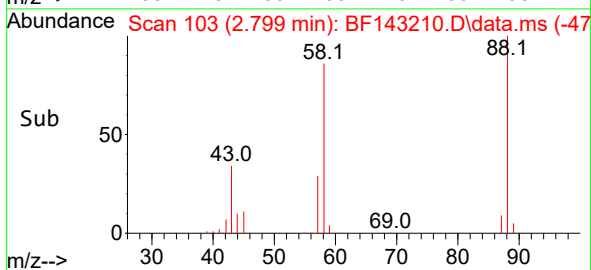
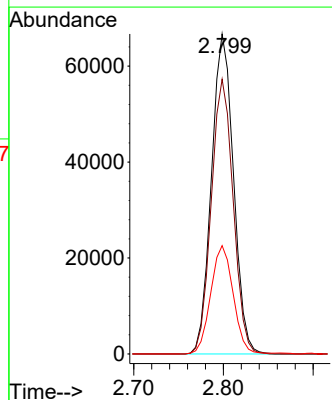
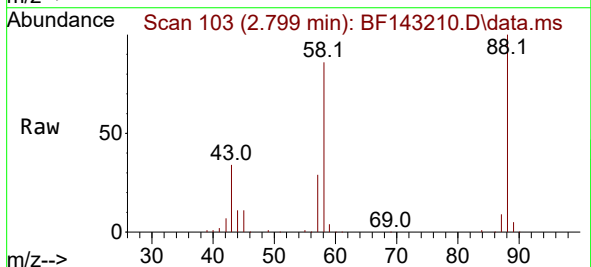
Instrument :
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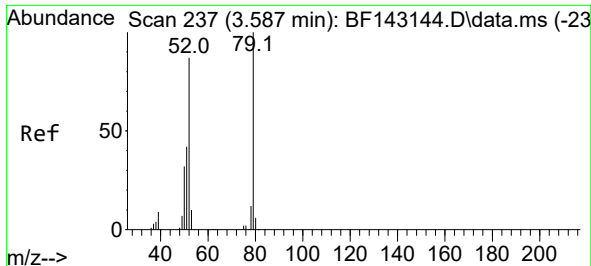
Tgt Ion:152 Resp: 97351
 Ion Ratio Lower Upper
 152 100
 150 160.7 128.2 192.4
 115 60.7 47.9 71.9



#2
 1,4-Dioxane
 Concen: 39.043 ng
 RT: 2.799 min Scan# 103
 Delta R.T. -0.024 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33

Tgt Ion: 88 Resp: 113651
 Ion Ratio Lower Upper
 88 100
 58 85.3 70.2 105.2
 43 34.6 27.1 40.7

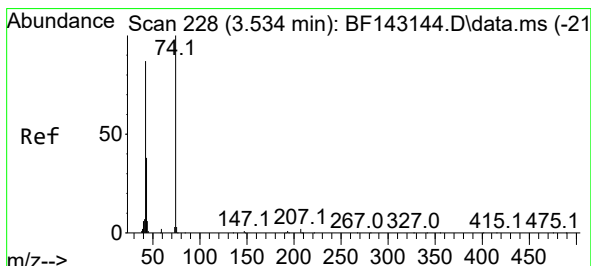
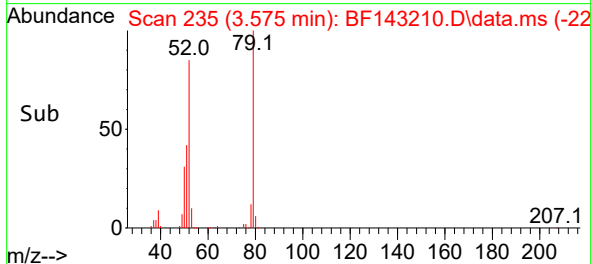
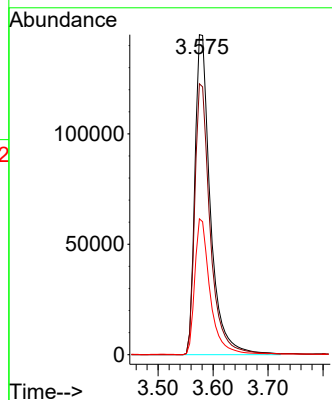
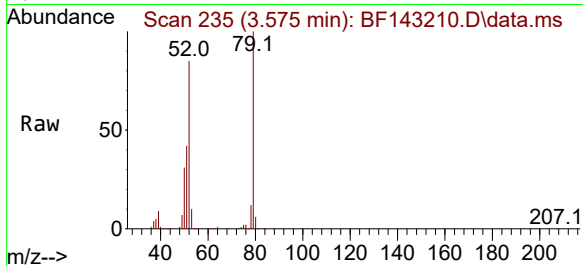




#3
Pyridine
Concen: 37.501 ng
RT: 3.575 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

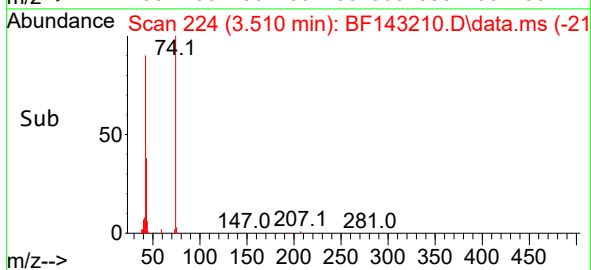
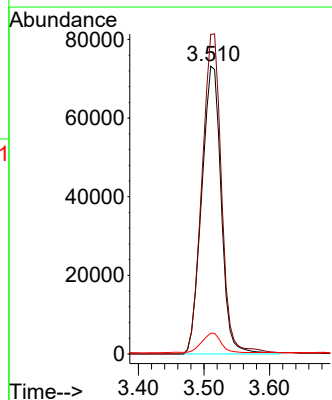
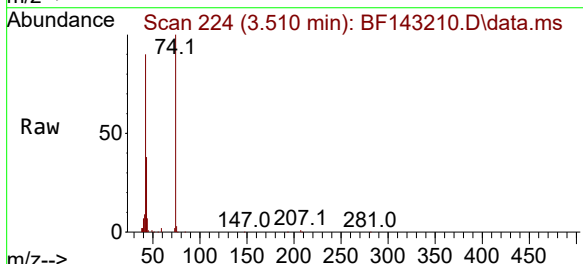
Instrument :
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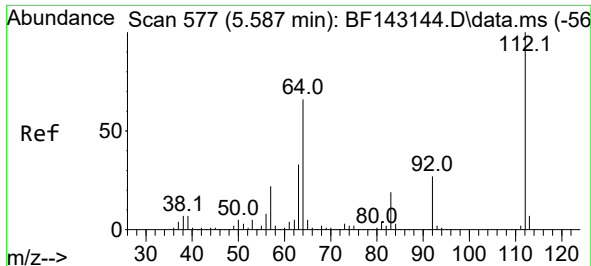
Tgt Ion: 79 Resp: 283334
Ion Ratio Lower Upper
79 100
52 84.7 69.4 104.2
51 42.4 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 38.857 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 42 Resp: 151578
Ion Ratio Lower Upper
42 100
74 111.1 91.7 137.5
44 7.3 5.6 8.4

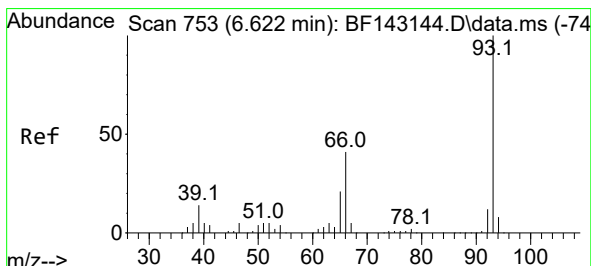
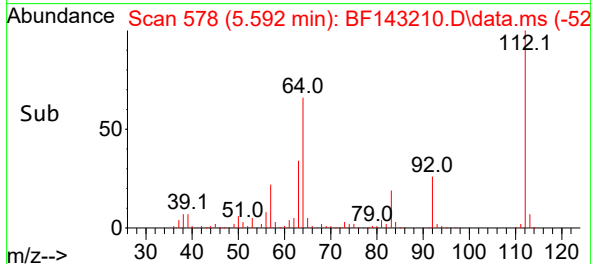
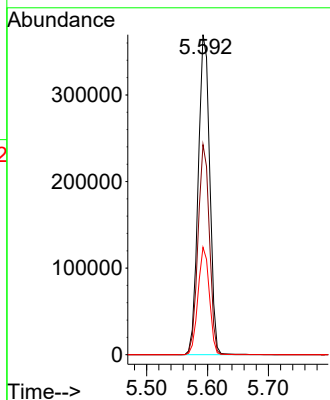
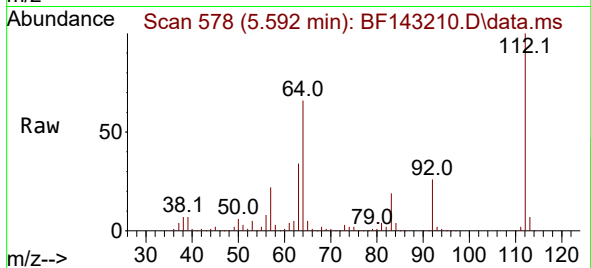




#5
2-Fluorophenol
Concen: 78.697 ng
RT: 5.592 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

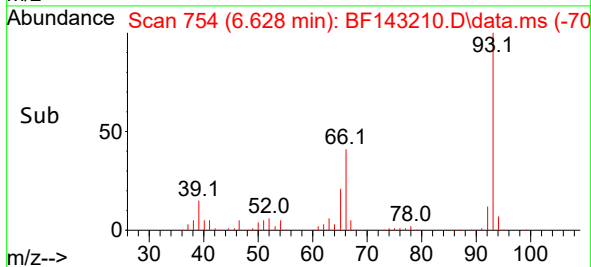
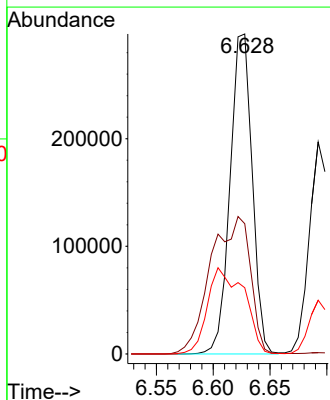
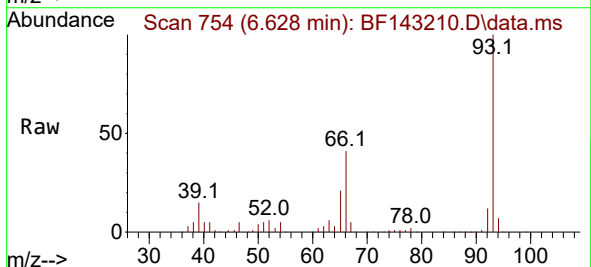
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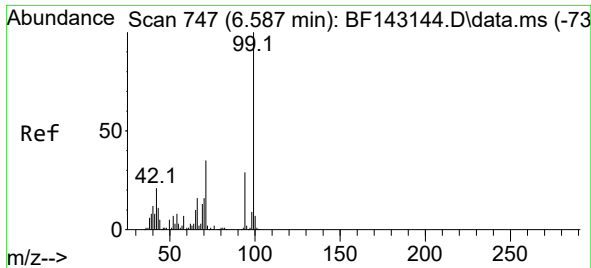
Tgt Ion:112 Resp: 484136
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 33.5 26.6 40.0



#6
Aniline
Concen: 37.330 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 402849
Ion Ratio Lower Upper
93 100
66 40.7 33.2 49.8
65 20.7 16.9 25.3





#7

Phenol-d6

Concen: 76.594 ng

RT: 6.592 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

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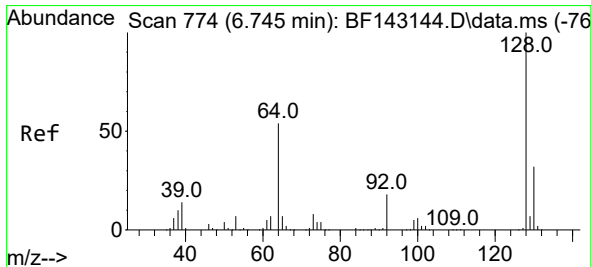
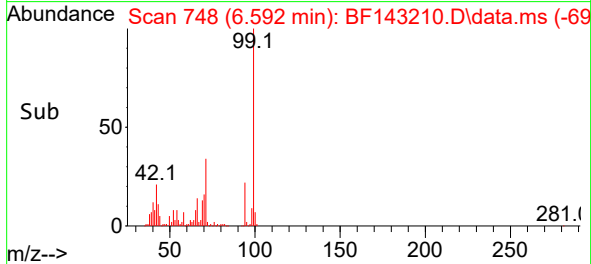
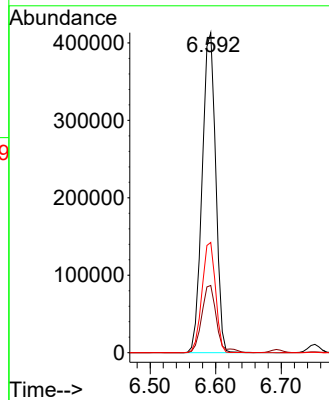
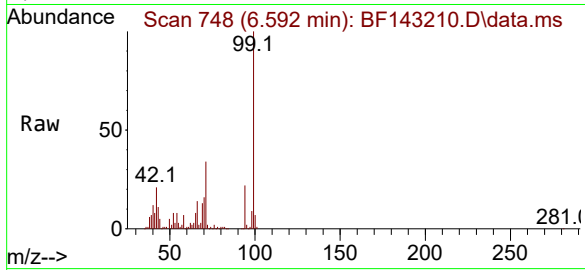
Tgt Ion: 99 Resp: 593088

Ion Ratio Lower Upper

99 100

42 21.0 17.0 25.6

71 34.5 27.7 41.5



#8

2-Chlorophenol

Concen: 39.203 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

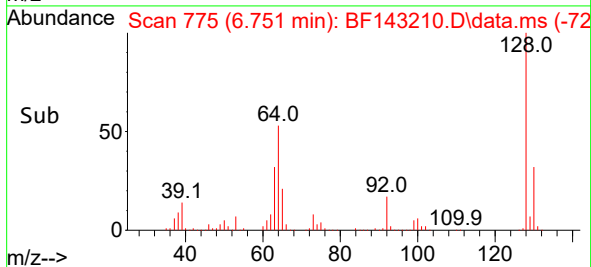
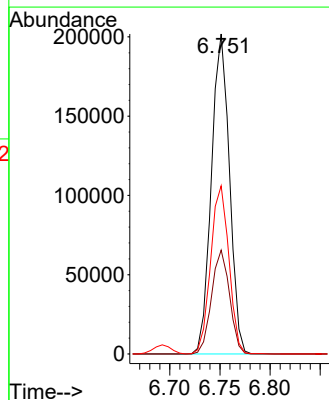
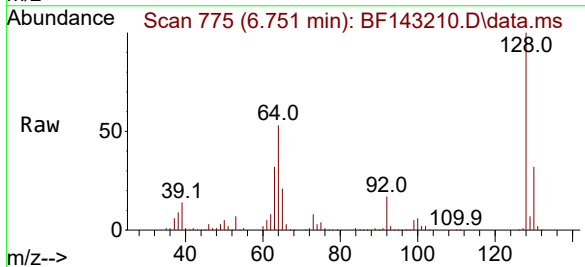
Tgt Ion:128 Resp: 252794

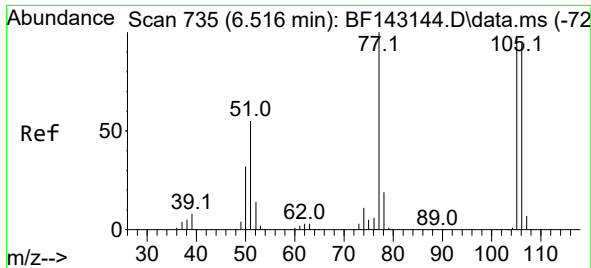
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 52.6 35.9 75.9

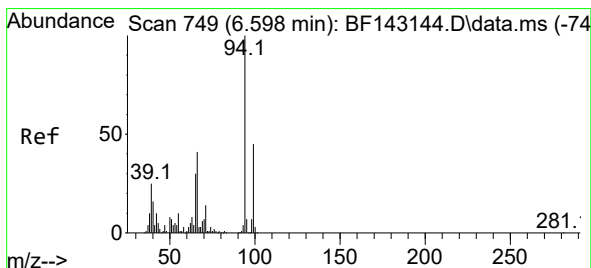
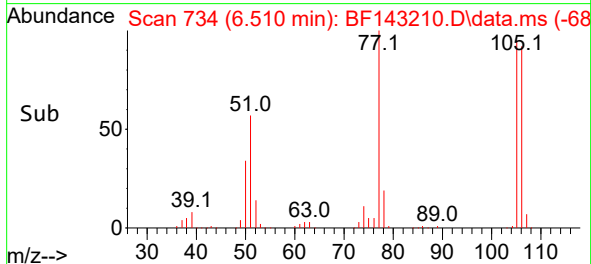
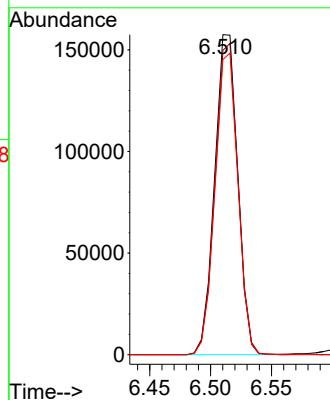
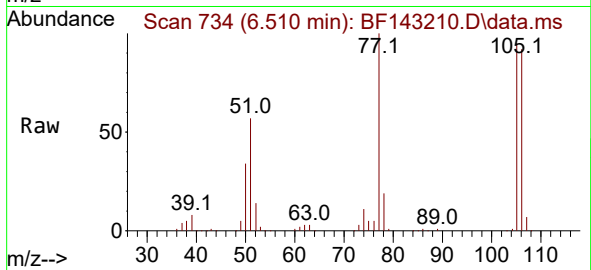




#9
Benzaldehyde
Concen: 35.749 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

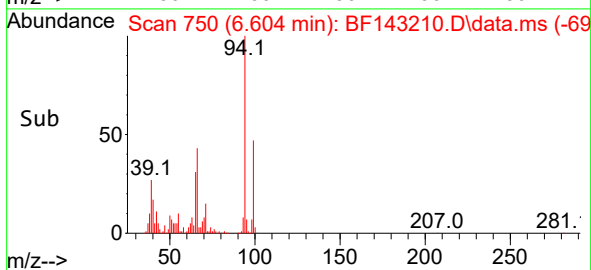
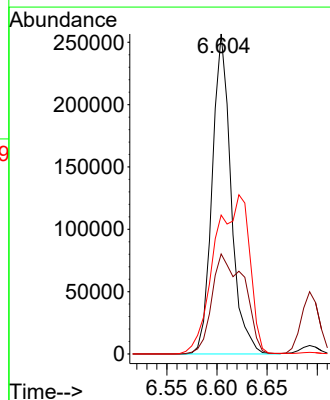
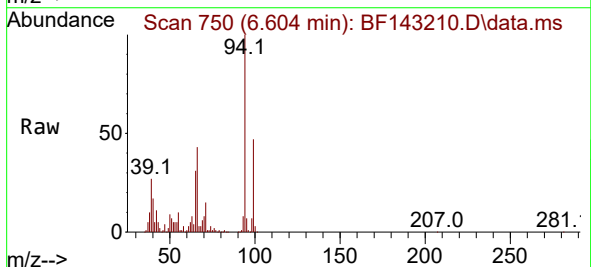
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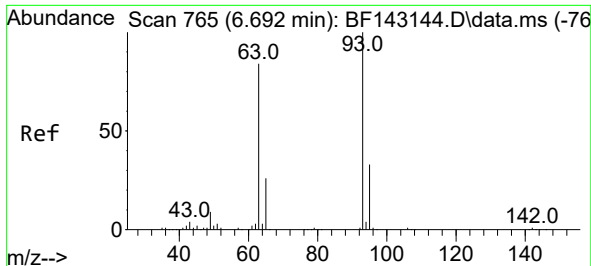
Tgt Ion: 77 Resp: 207569
Ion Ratio Lower Upper
77 100
105 95.1 76.8 116.8
106 92.3 74.4 114.4



#10
Phenol
Concen: 39.837 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 94 Resp: 336045
Ion Ratio Lower Upper
94 100
65 31.2 10.0 50.0
66 43.4 20.8 60.8

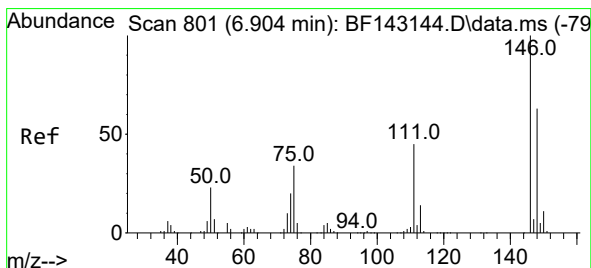
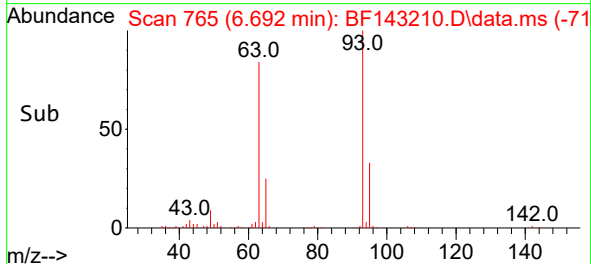
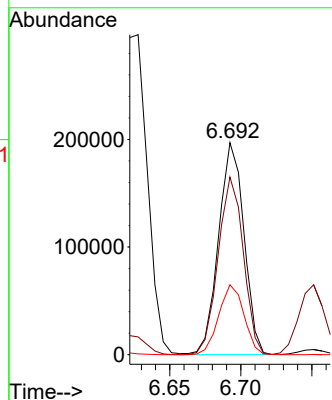
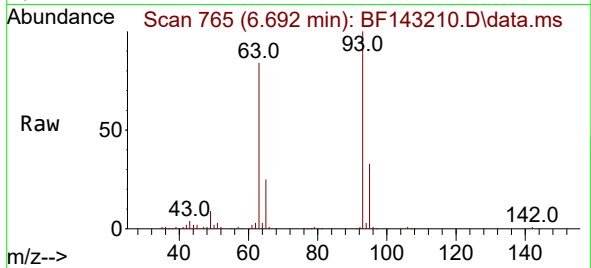




#11
bis(2-Chloroethyl)ether
Concen: 37.812 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

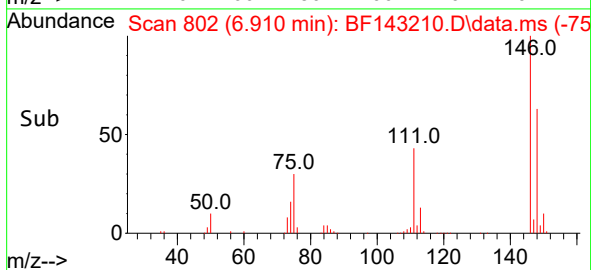
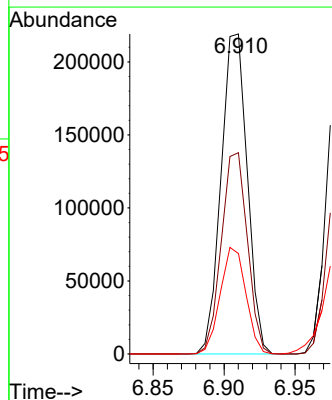
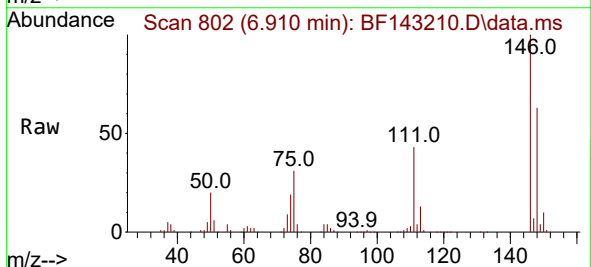
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

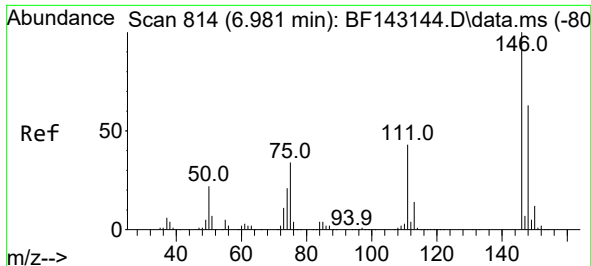
Tgt Ion: 93 Resp: 244219
Ion Ratio Lower Upper
93 100
63 83.8 63.4 103.4
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.124 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:146 Resp: 281071
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 31.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.792 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

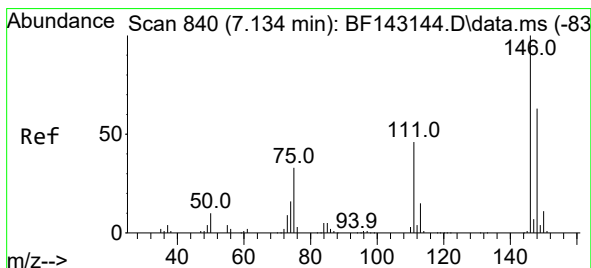
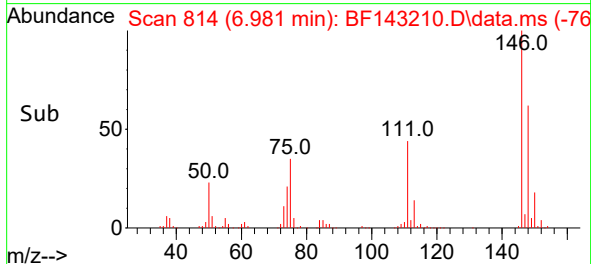
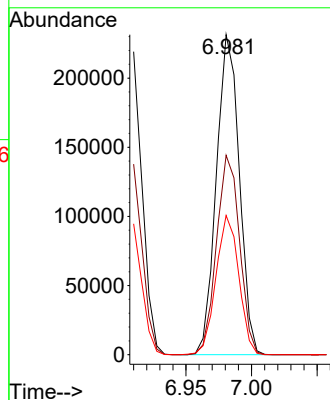
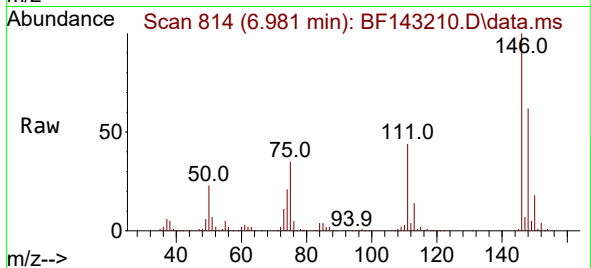
Tgt Ion:146 Resp: 280709

Ion Ratio Lower Upper

146 100

148 62.3 50.3 75.5

111 43.5 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 40.116 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

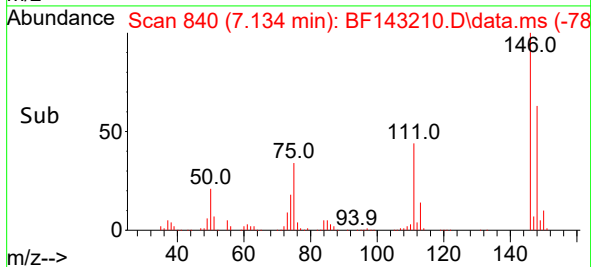
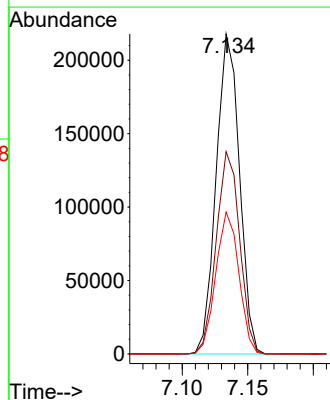
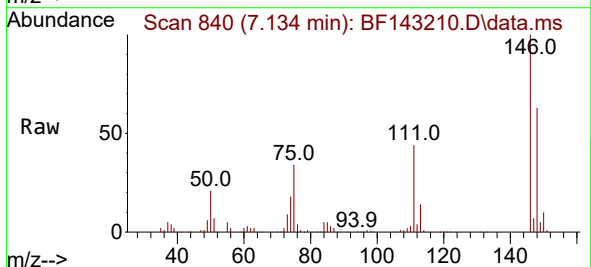
Tgt Ion:146 Resp: 269162

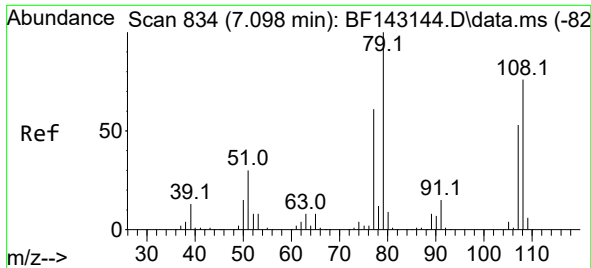
Ion Ratio Lower Upper

146 100

148 63.2 50.7 76.1

111 44.3 36.6 54.8

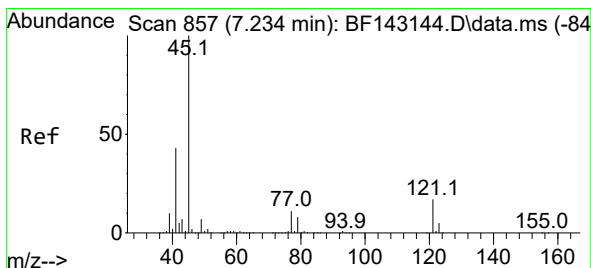
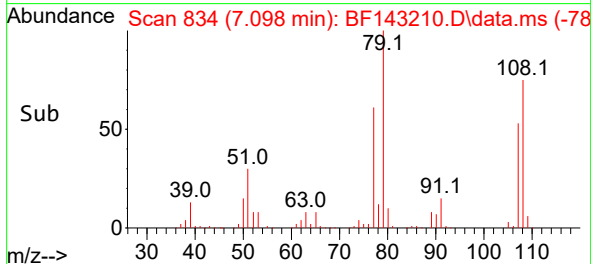
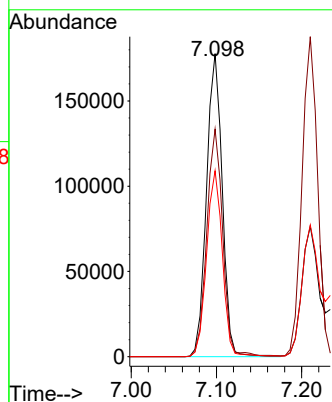
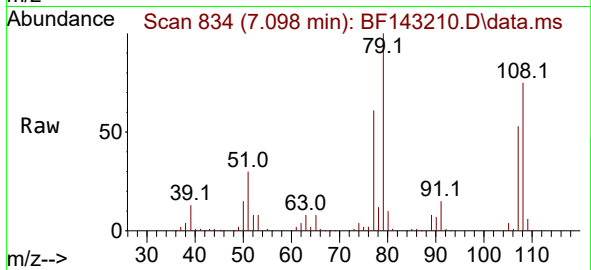




#15
Benzyl Alcohol
Concen: 38.639 ng
RT: 7.098 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

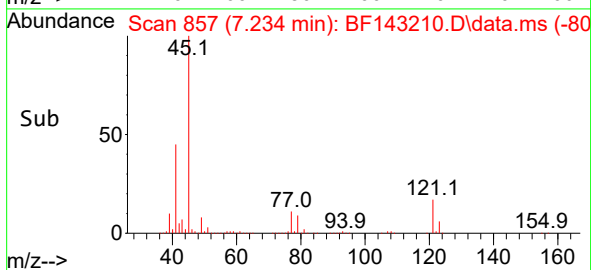
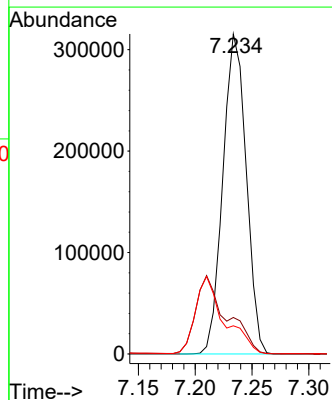
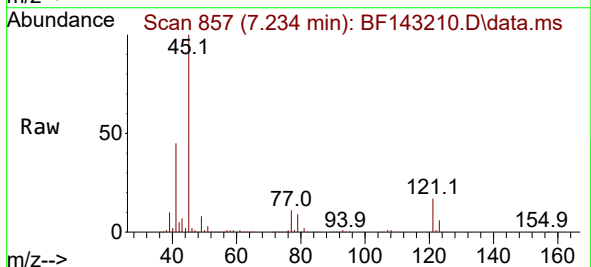
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

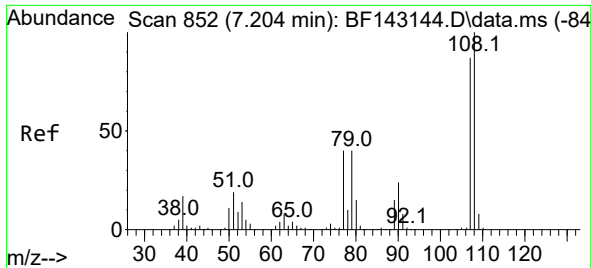
Tgt Ion: 79 Resp: 228448
Ion Ratio Lower Upper
79 100
108 75.1 61.1 91.7
77 61.4 48.9 73.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.612 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 45 Resp: 450642
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 8.8 0.0 28.5

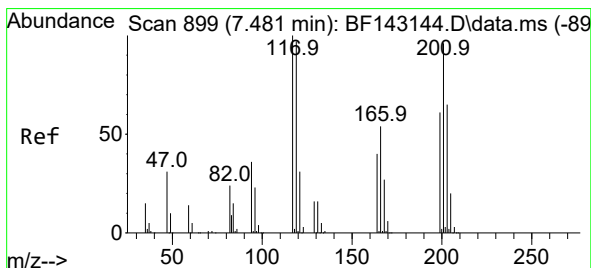
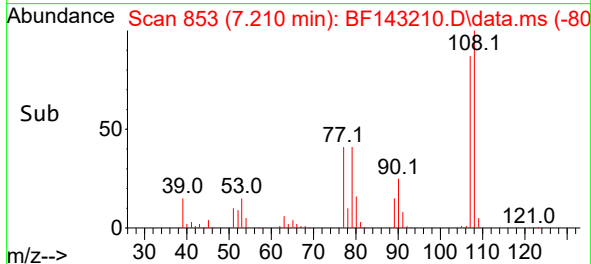
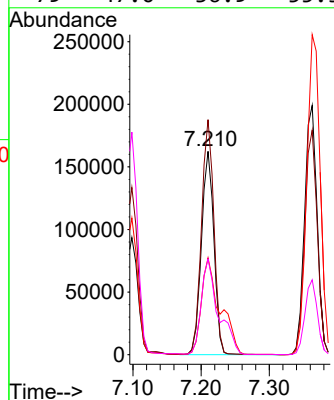
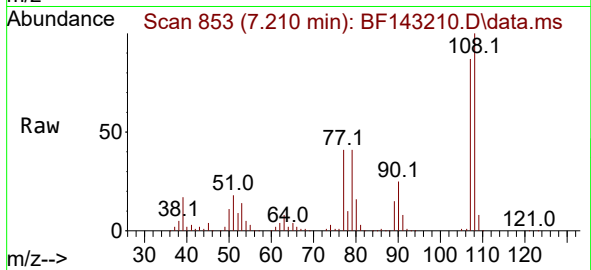




#17
2-Methylphenol
Concen: 38.282 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

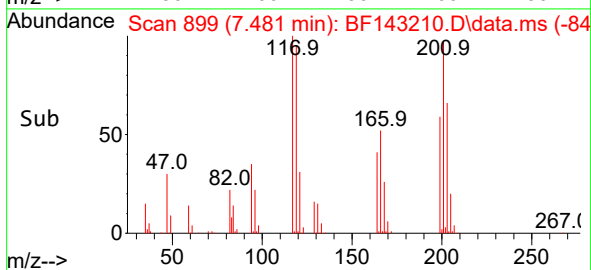
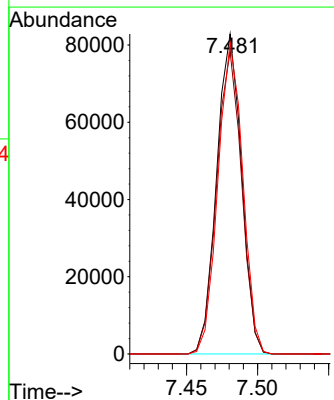
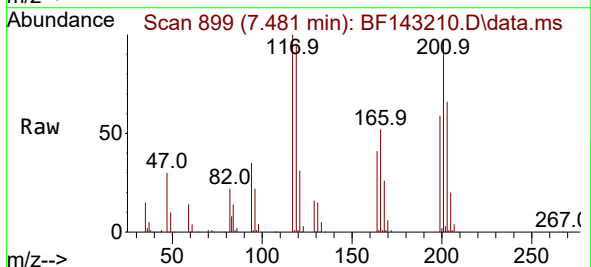
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

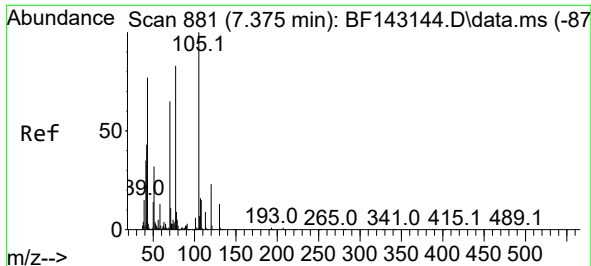
Tgt Ion:107 Resp: 207561
Ion Ratio Lower Upper
107 100
108 115.5 91.8 137.6
77 47.6 37.0 55.6
79 47.0 36.9 55.3



#18
Hexachloroethane
Concen: 41.296 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:117 Resp: 100851
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.8
201 97.3 77.0 115.4

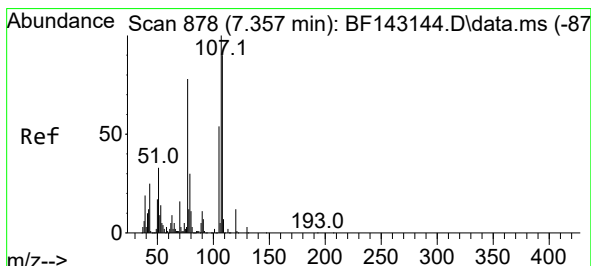
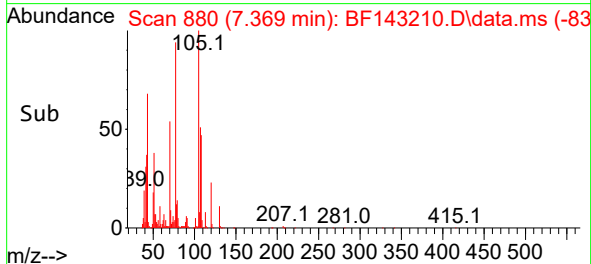
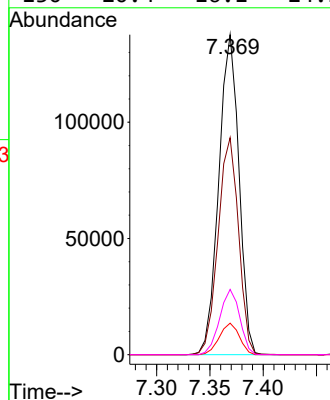
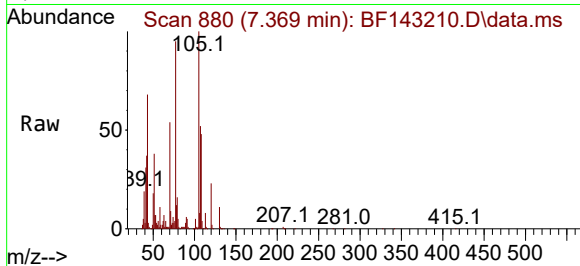




#19
n-Nitroso-di-n-propylamine
Concen: 36.393 ng
RT: 7.369 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

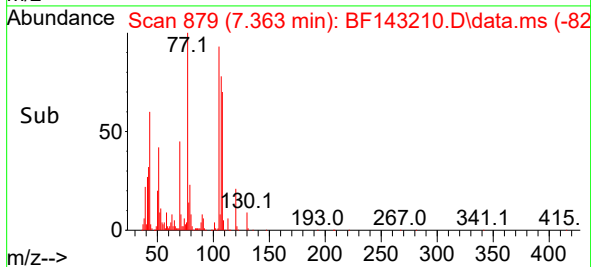
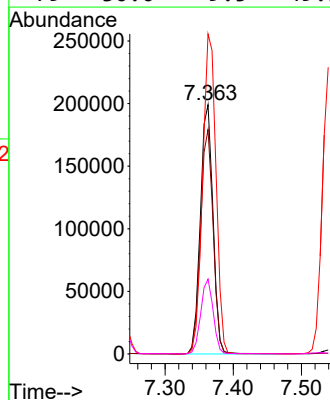
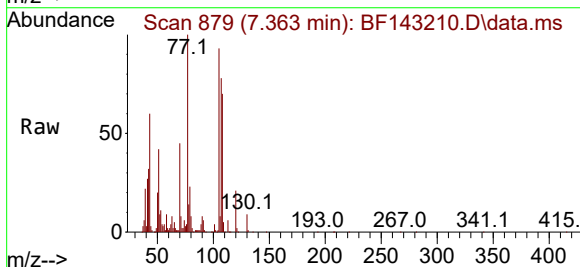
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

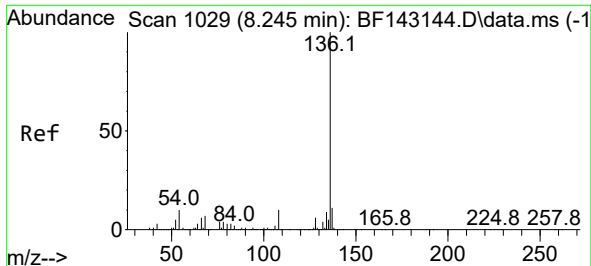
Tgt Ion:	70	Resp:	180795
Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 39.051 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:	107	Resp:	256887
Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	128.3	57.8	97.8#
79	30.0	9.5	49.5

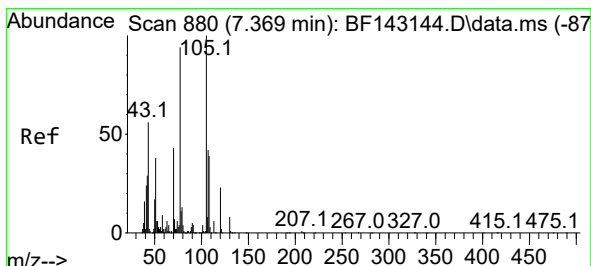
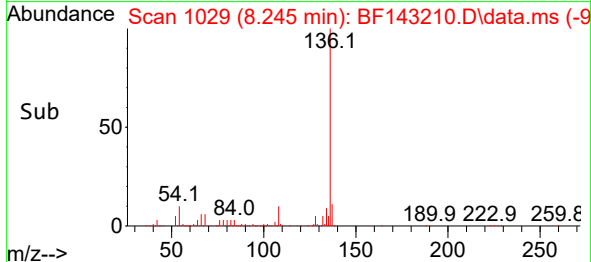
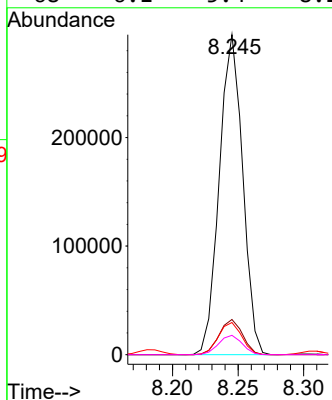
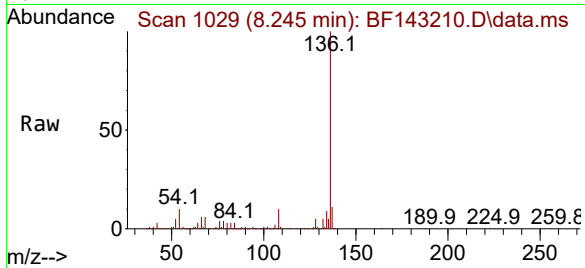




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

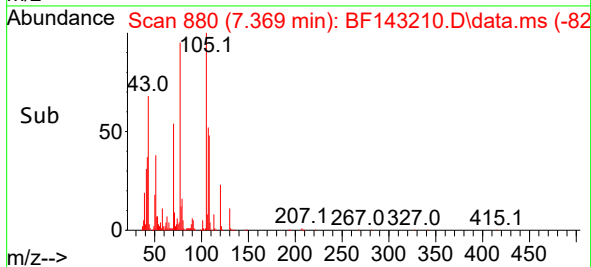
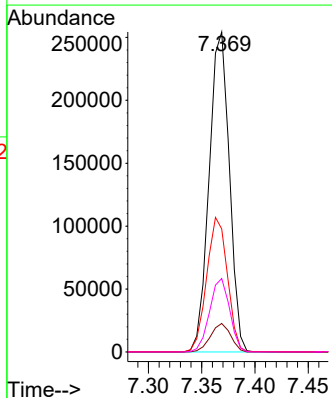
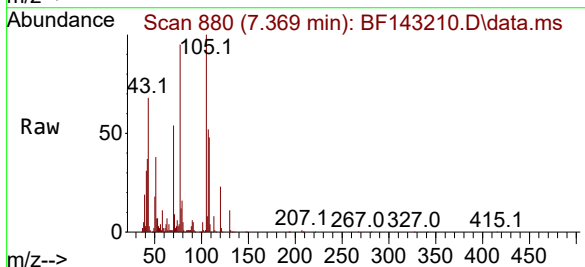
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

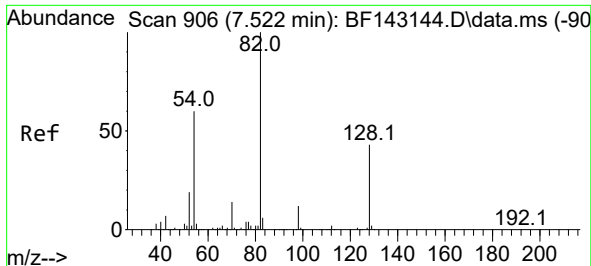
Tgt Ion:	136	Resp:	364498
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	10.1	8.2	12.2
68	6.1	5.4	8.2



#22
Acetophenone
Concen: 38.853 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:	105	Resp:	335287
Ion Ratio	Lower	Upper	
105	100		
71	8.9	5.8	8.6#
51	38.5	30.2	45.2
120	22.9	18.2	27.4





#23

Nitrobenzene-d5

Concen: 81.332 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

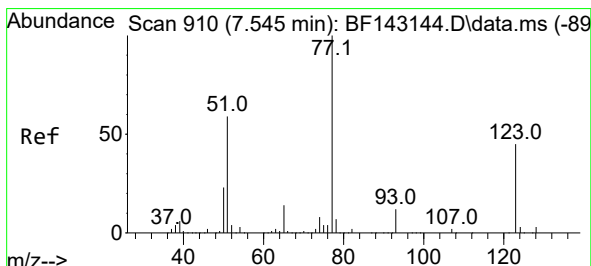
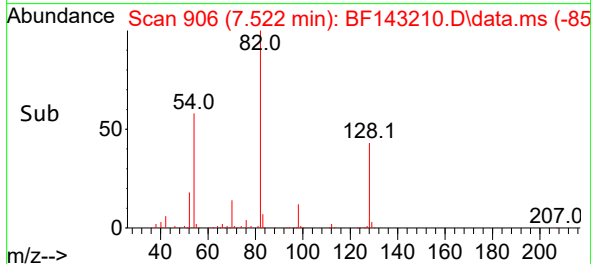
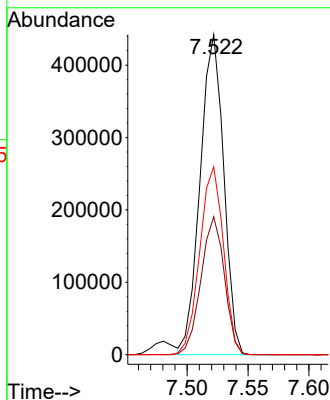
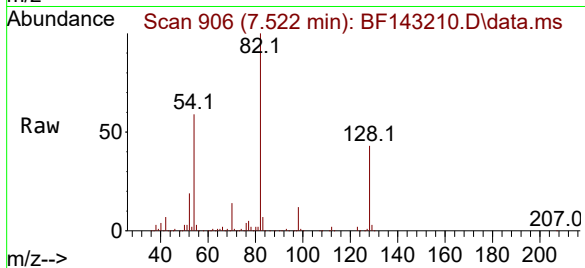
Tgt Ion: 82 Resp: 594723

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 58.7 47.1 70.7



#24

Nitrobenzene

Concen: 40.321 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

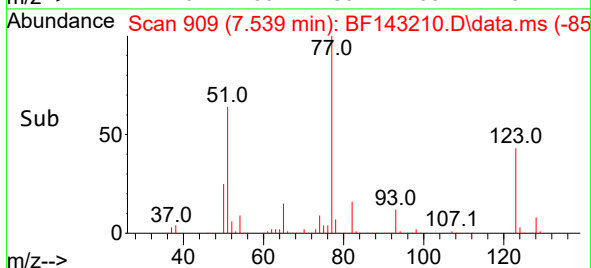
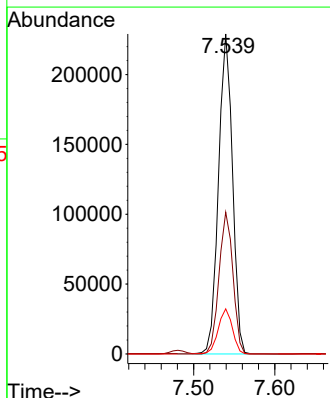
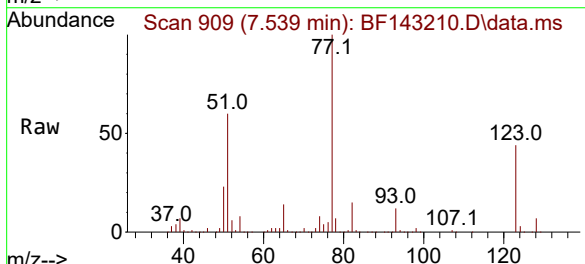
Tgt Ion: 77 Resp: 274884

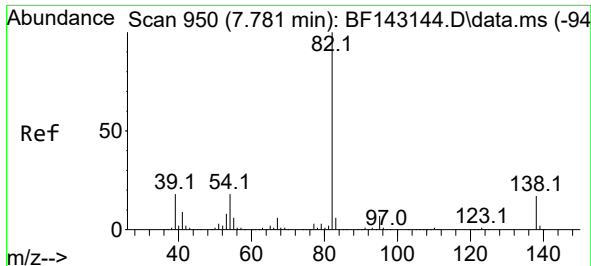
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

65 14.1 11.4 17.2

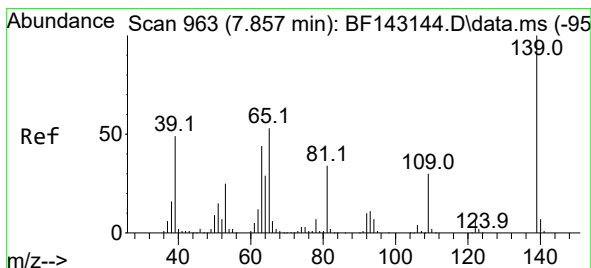
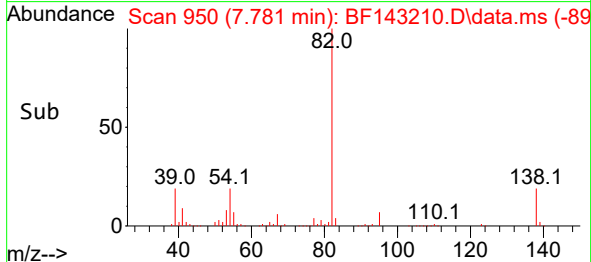
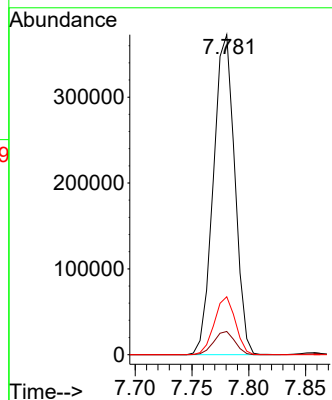
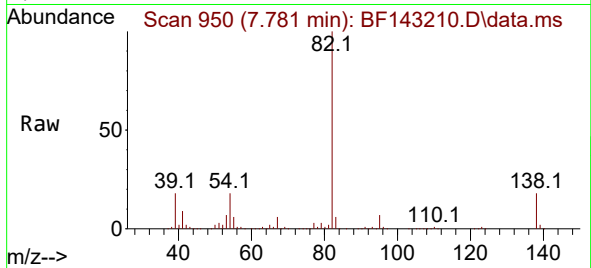




#25
Isophorone
Concen: 37.791 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

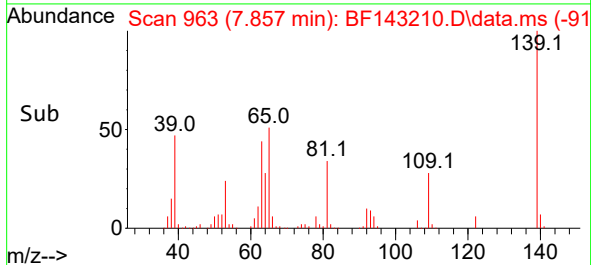
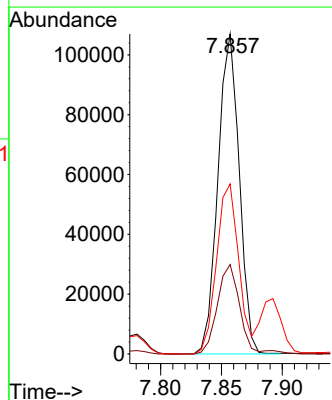
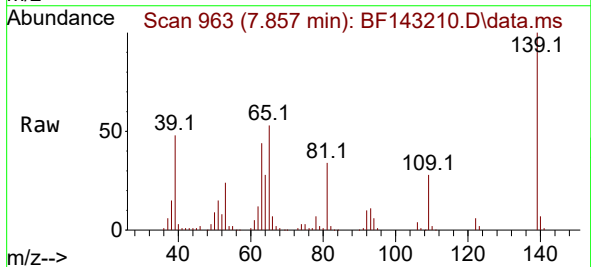
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

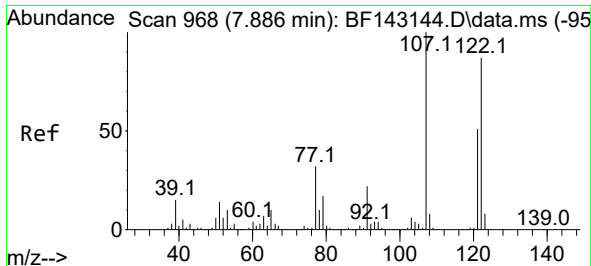
Tgt Ion: 82 Resp: 487827
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.1 13.8 20.8



#26
2-Nitrophenol
Concen: 44.072 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 130397
Ion Ratio Lower Upper
139 100
109 28.0 23.6 35.4
65 53.2 42.6 64.0

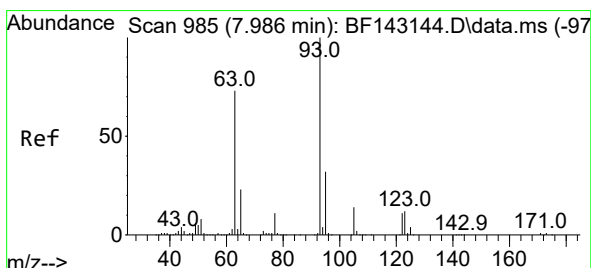
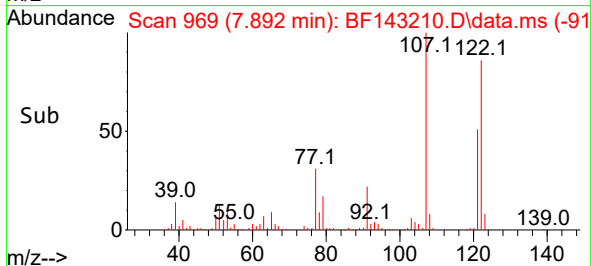
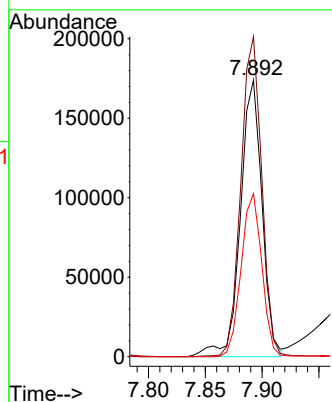
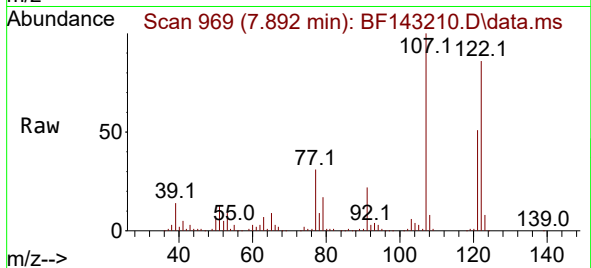




#27
2,4-Dimethylphenol
Concen: 38.169 ng
RT: 7.892 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

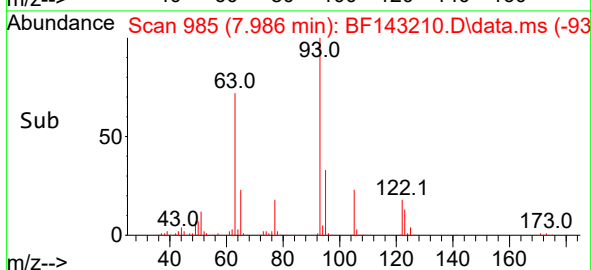
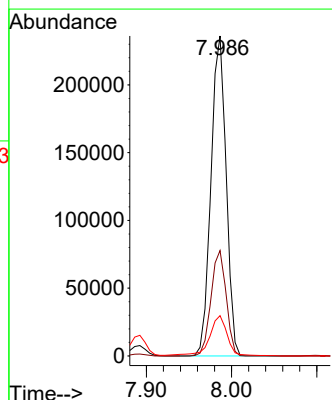
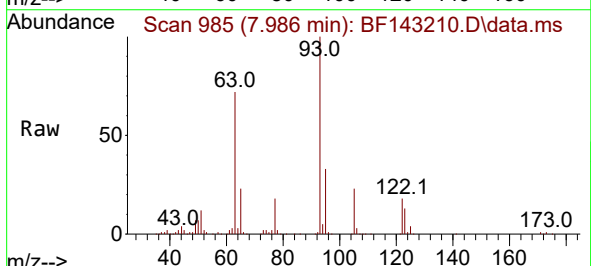
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

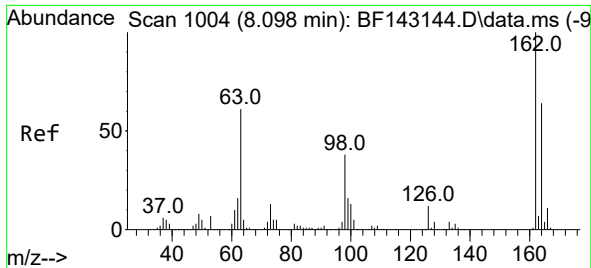
Tgt Ion:122 Resp: 230195
Ion Ratio Lower Upper
122 100
107 115.7 91.8 137.6
121 58.9 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 37.737 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 292069
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.6
123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.391 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

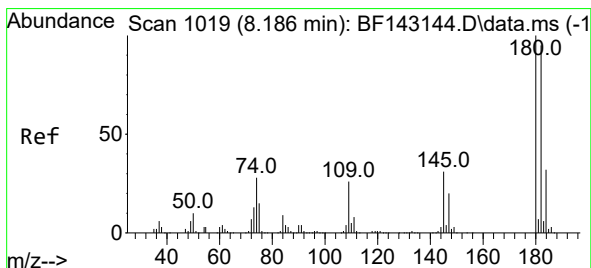
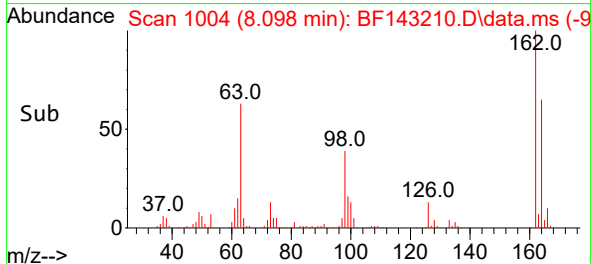
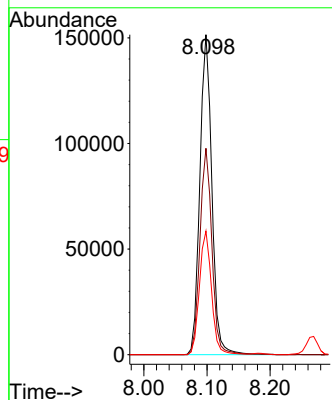
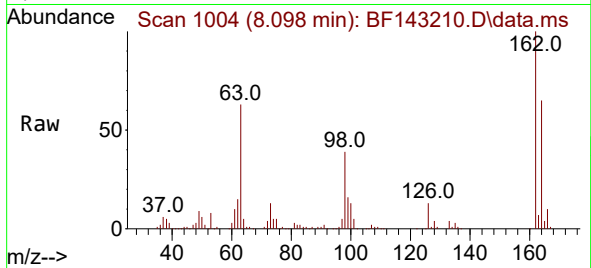
Tgt Ion:162 Resp: 200347

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 38.6 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 40.763 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

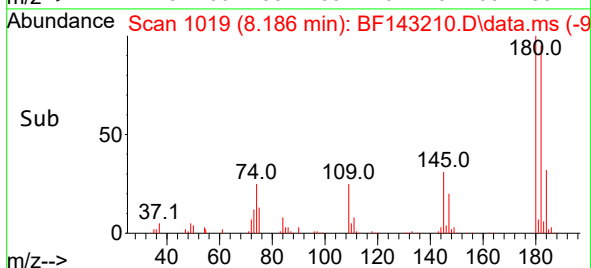
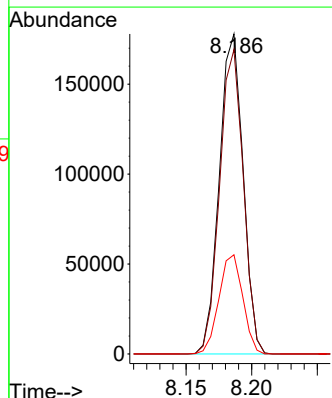
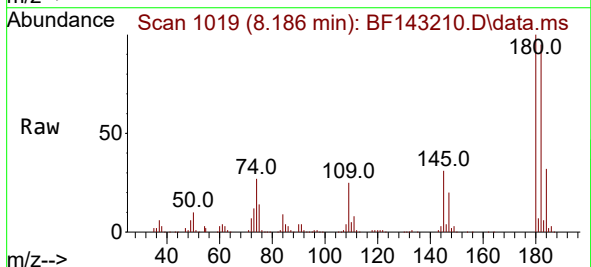
Tgt Ion:180 Resp: 223983

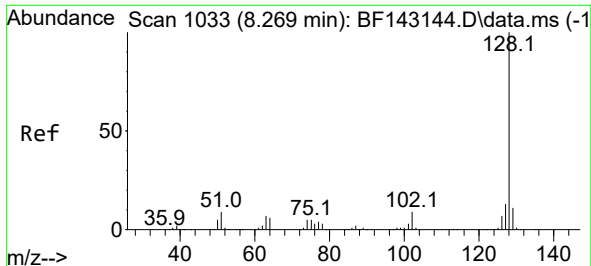
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 31.0 25.0 37.6

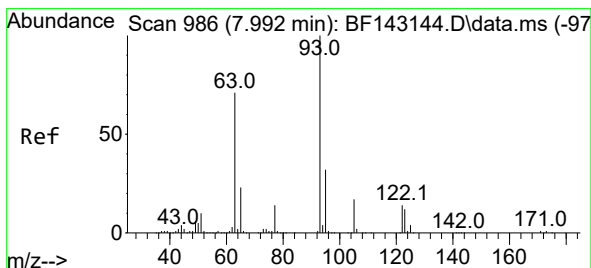
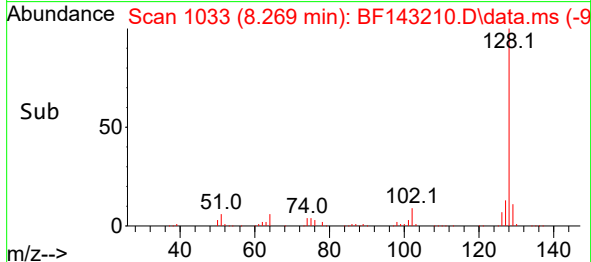
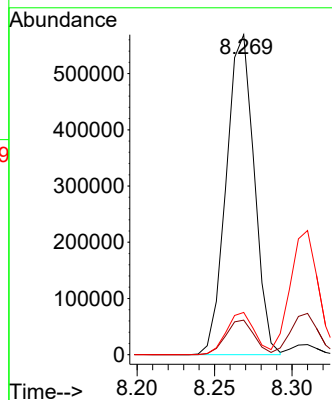
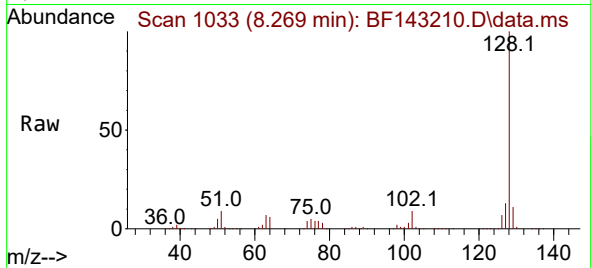




#31
Naphthalene
Concen: 39.723 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

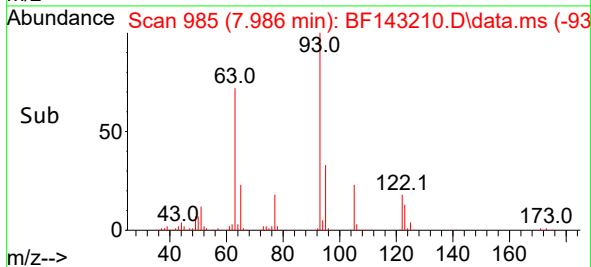
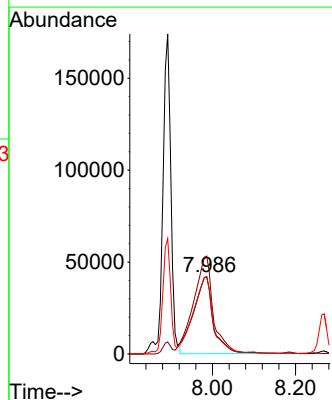
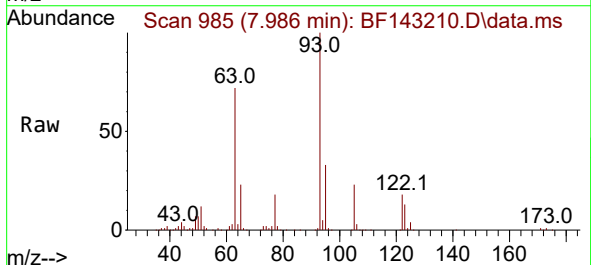
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

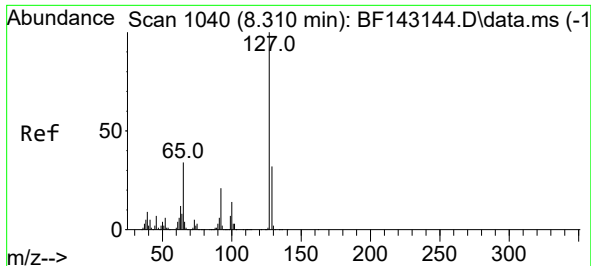
Tgt Ion:128 Resp: 713073
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 41.627 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:122 Resp: 138803
Ion Ratio Lower Upper
122 100
105 126.8 104.8 144.8
77 99.9 77.6 117.6

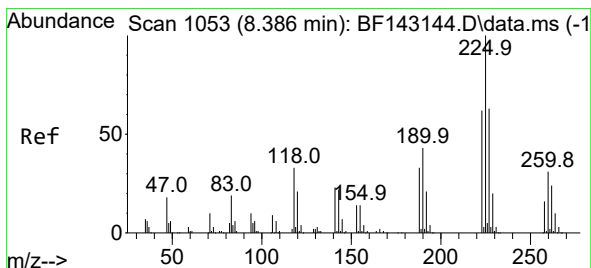
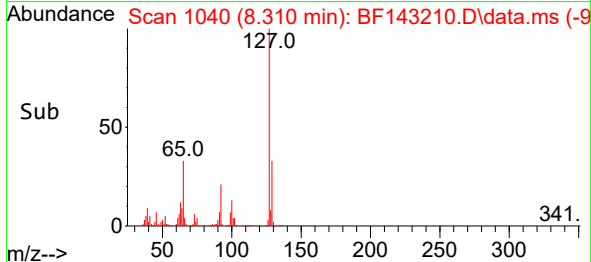
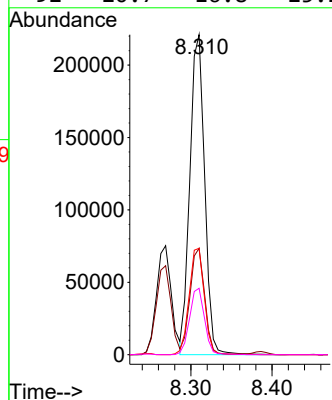
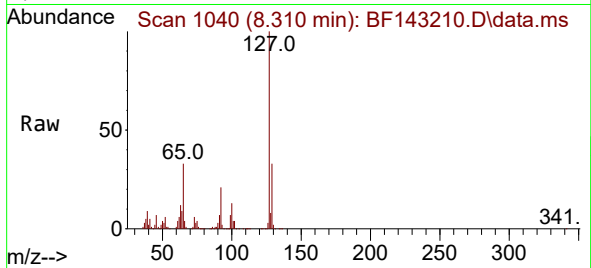




#33
4-Chloroaniline
Concen: 38.259 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

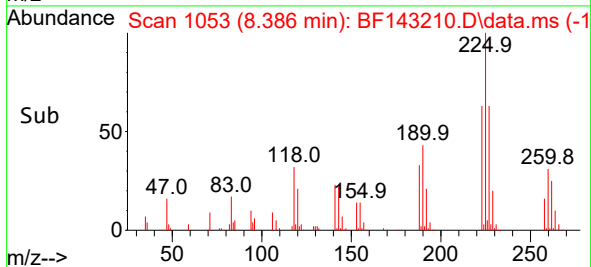
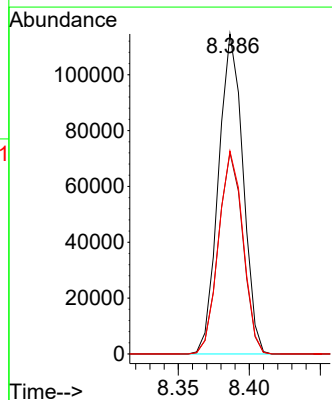
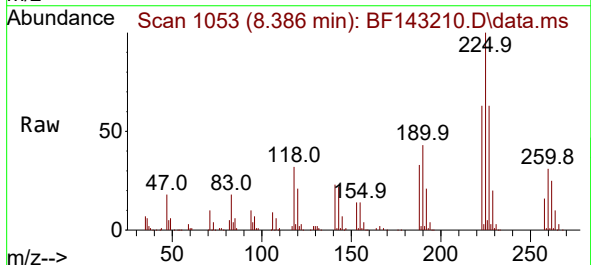
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

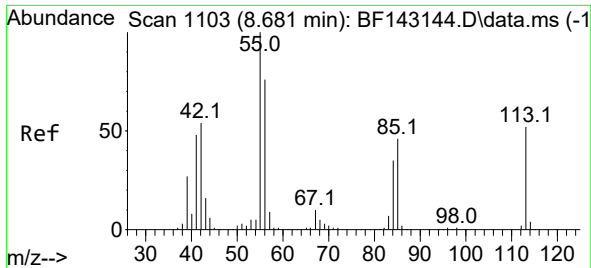
Tgt Ion:	127	Resp:	280428
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	33.2	27.4	41.2
92	20.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.960 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:	225	Resp:	137489
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.6
227	63.4	50.2	75.4

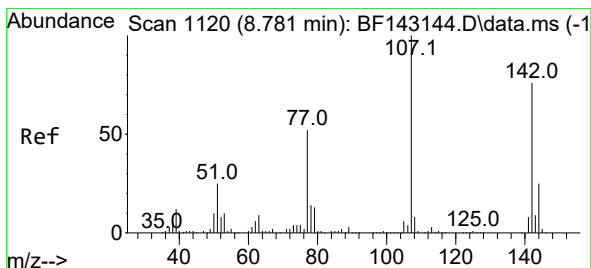
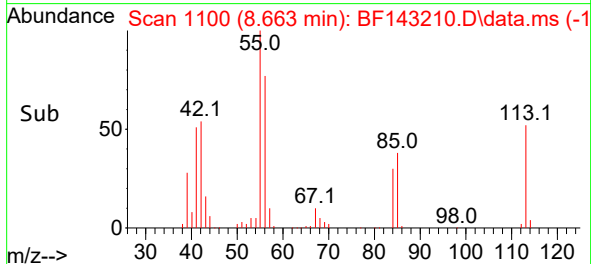
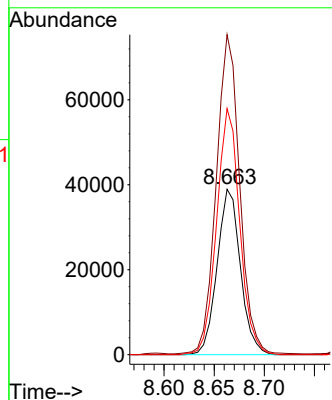
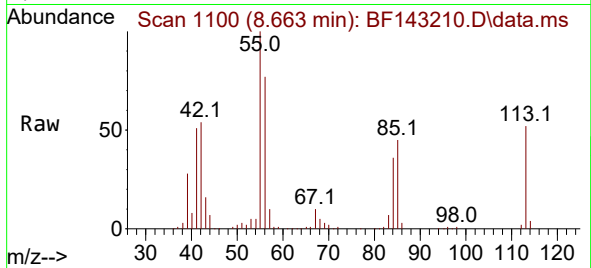




#35
 Caprolactam
 Concen: 40.895 ng
 RT: 8.663 min Scan# 1100
 Delta R.T. -0.018 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33

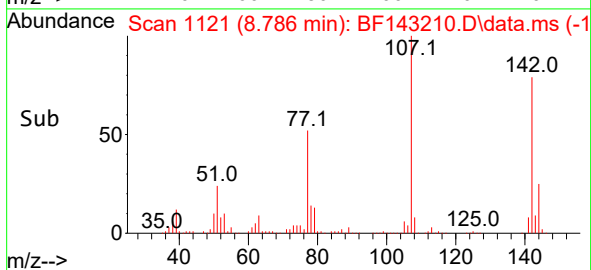
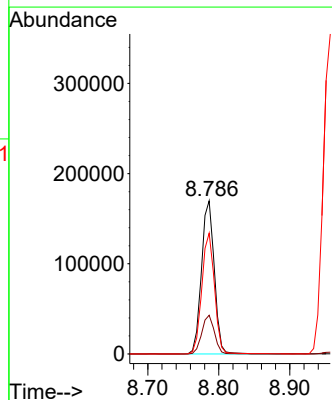
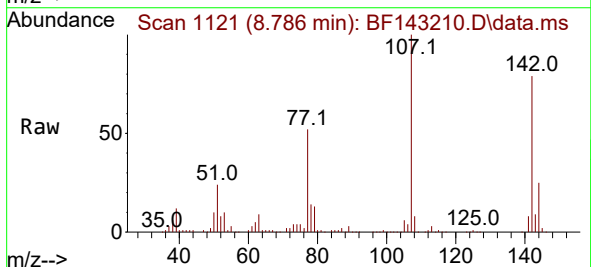
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

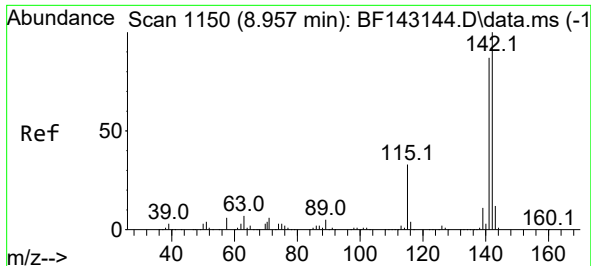
Tgt Ion:113 Resp: 62853
 Ion Ratio Lower Upper
 113 100
 55 193.5 174.0 214.0
 56 148.8 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.764 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 214294
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.8 29.6
 142 78.9 60.6 90.8

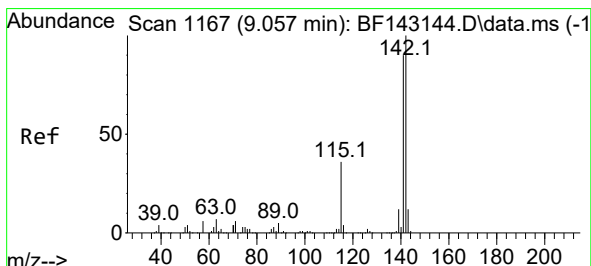
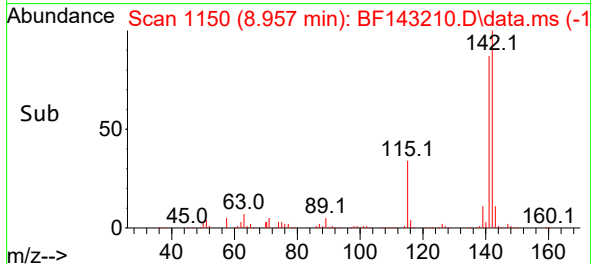
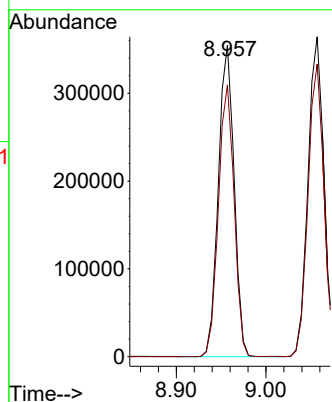
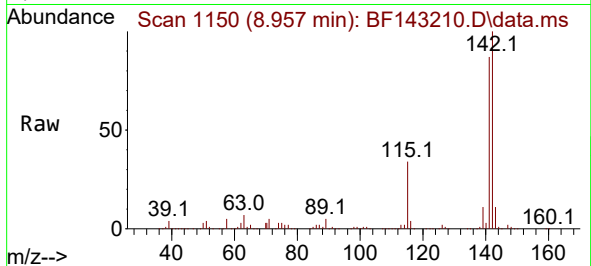




#37
2-Methylnaphthalene
Concen: 39.580 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

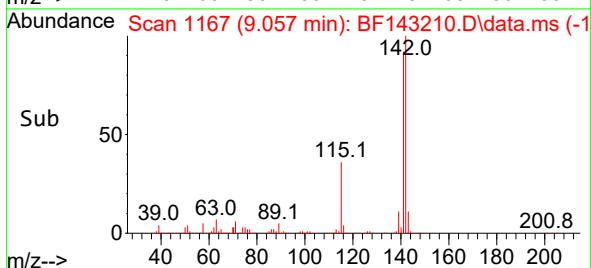
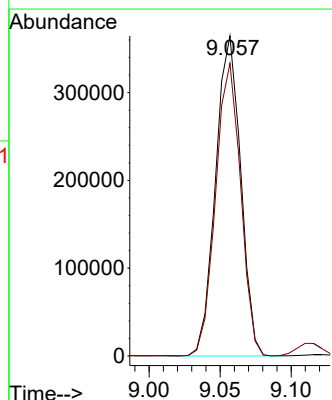
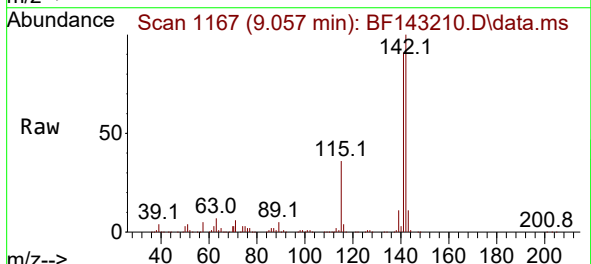
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

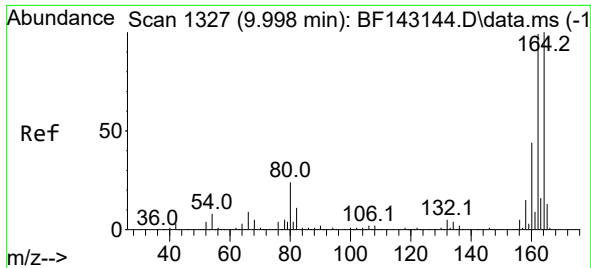
Tgt Ion:142 Resp: 432353
Ion Ratio Lower Upper
142 100
141 87.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 39.872 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:142 Resp: 448502
Ion Ratio Lower Upper
142 100
141 91.4 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

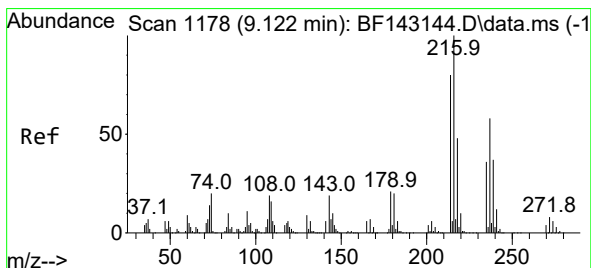
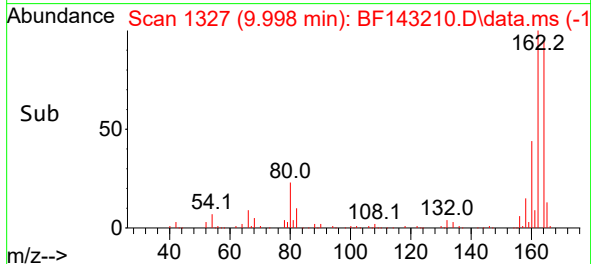
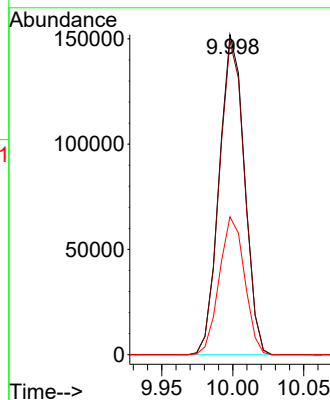
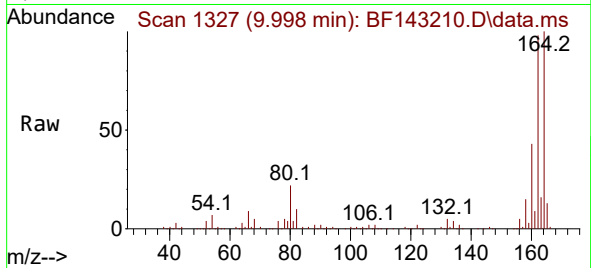
Tgt Ion:164 Resp: 187438

Ion Ratio Lower Upper

164 100

162 98.0 79.0 118.6

160 43.1 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.956 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Tgt Ion:216 Resp: 216223

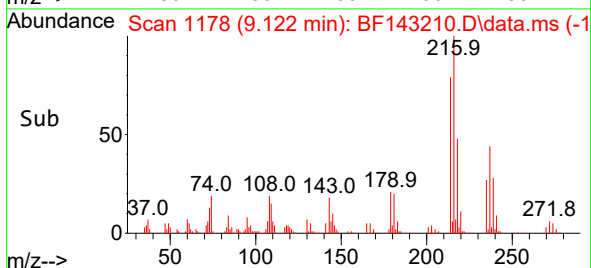
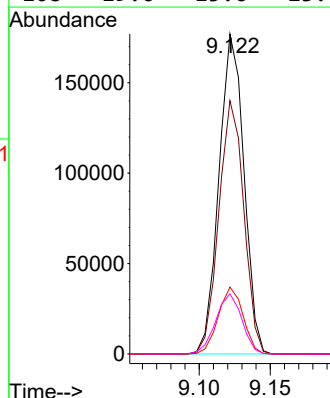
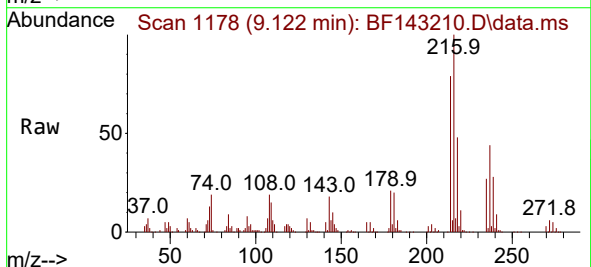
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 20.7 16.4 24.6

108 19.6 15.6 23.4

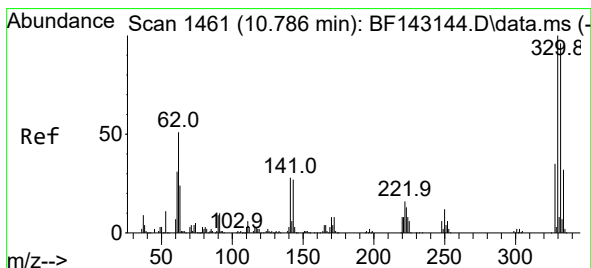
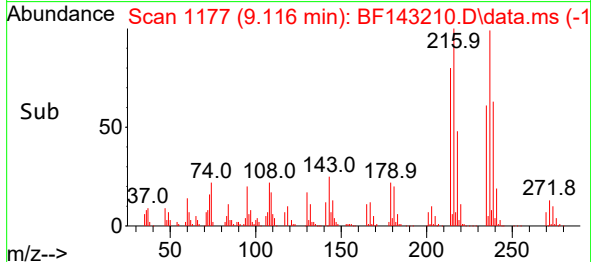
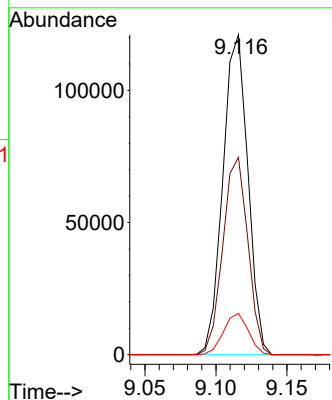
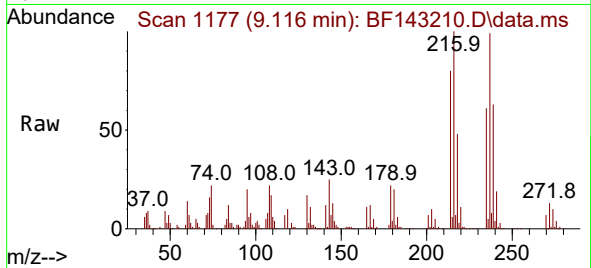




#41
Hexachlorocyclopentadiene
Concen: 42.082 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

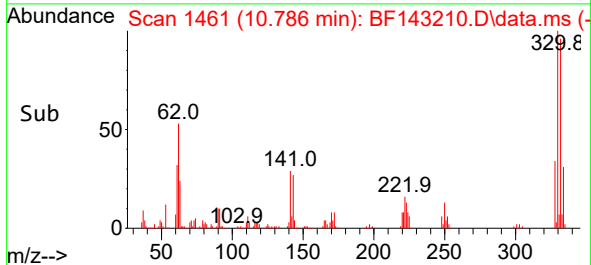
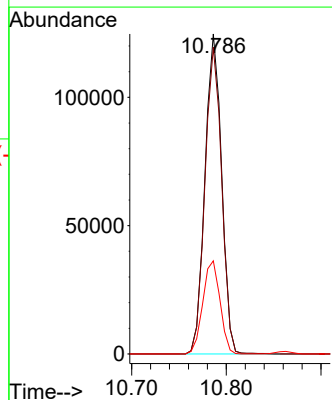
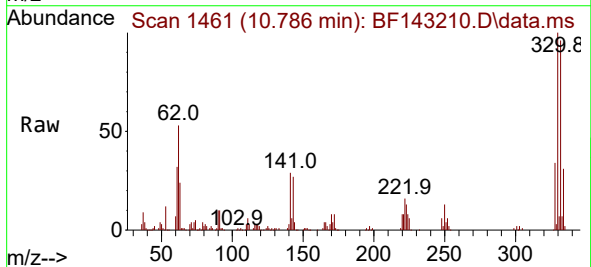
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 148176
Ion Ratio Lower Upper
237 100
235 61.7 43.0 83.0
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 78.251 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:330 Resp: 151520
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 30.1 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 38.625 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

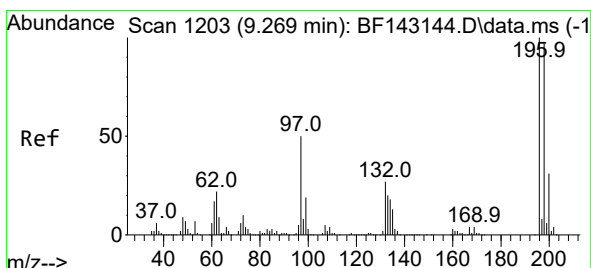
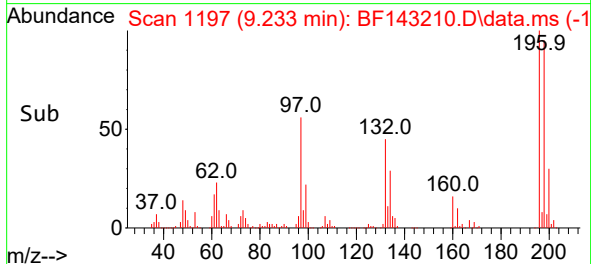
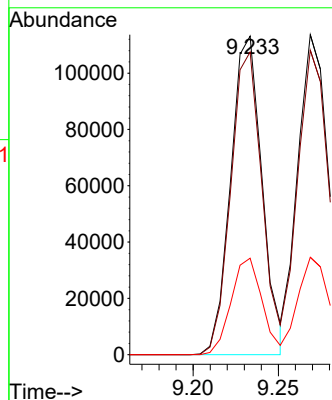
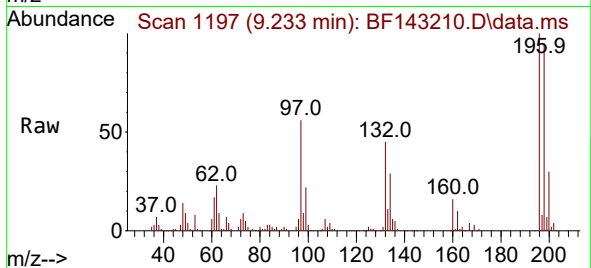
Tgt Ion:196 Resp: 144660

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.2

200 30.3 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 40.211 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Tgt Ion:196 Resp: 150645

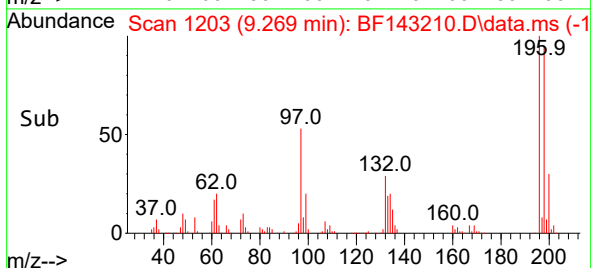
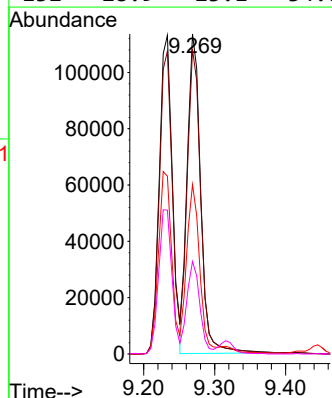
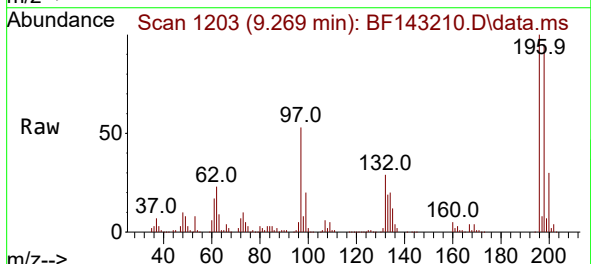
Ion Ratio Lower Upper

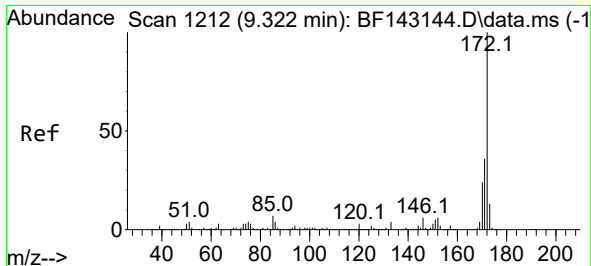
196 100

198 95.2 77.3 115.9

97 53.0 40.3 60.5

132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 79.441 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

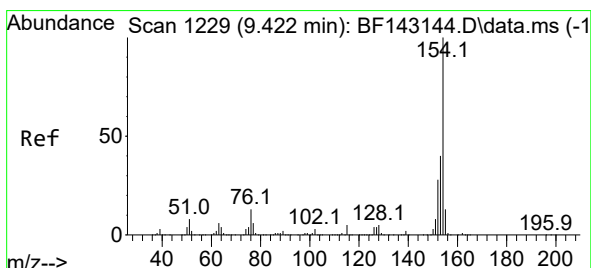
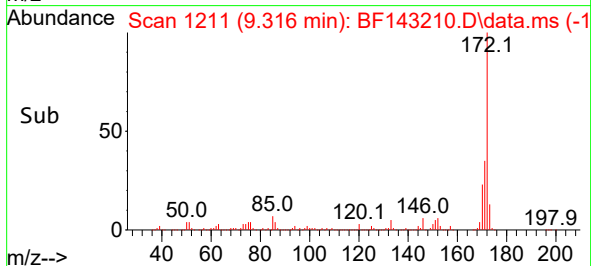
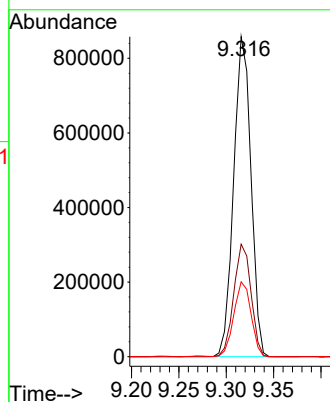
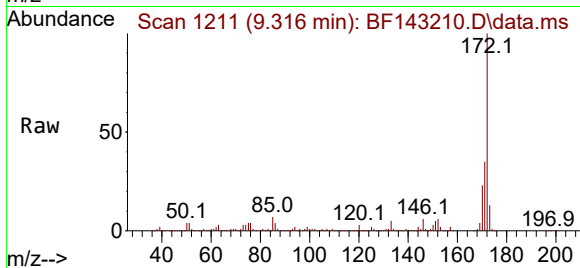
Tgt Ion:172 Resp: 1088775

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.454 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

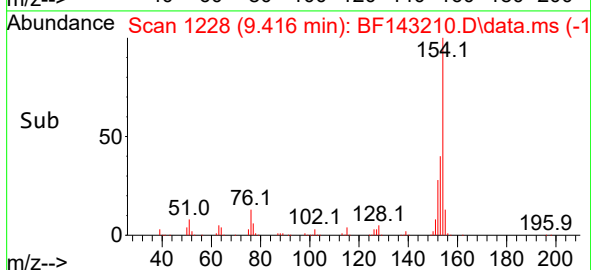
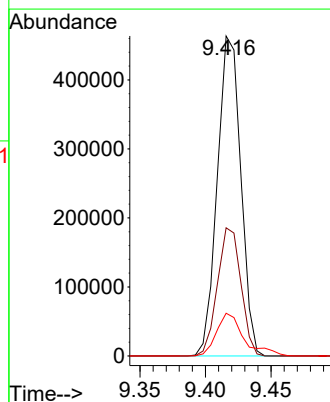
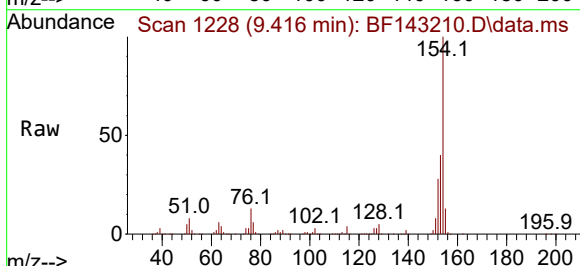
Tgt Ion:154 Resp: 576976

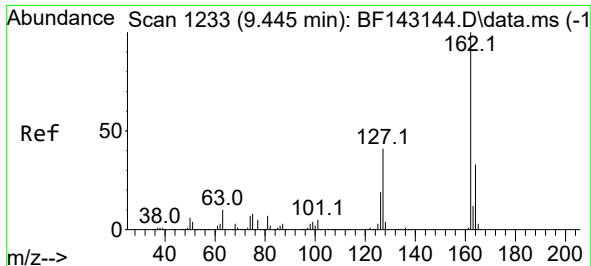
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 13.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.957 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

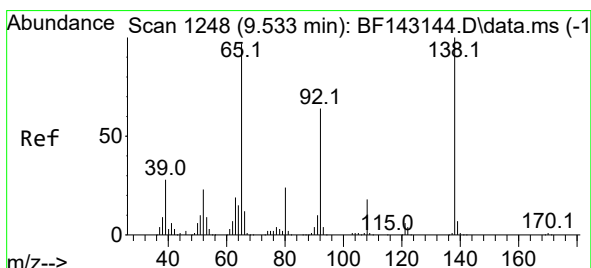
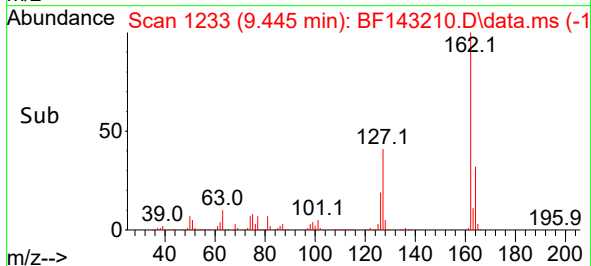
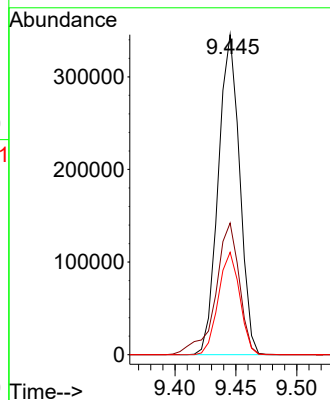
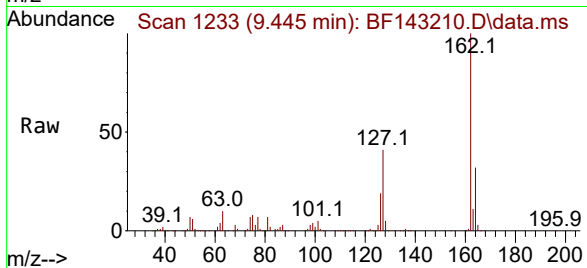
Tgt Ion:162 Resp: 421533

Ion Ratio Lower Upper

162 100

127 41.1 33.4 50.2

164 32.0 26.2 39.2



#48

2-Nitroaniline

Concen: 41.188 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

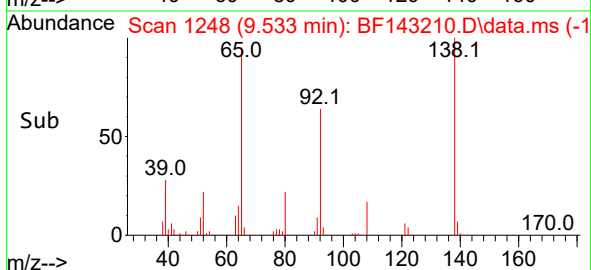
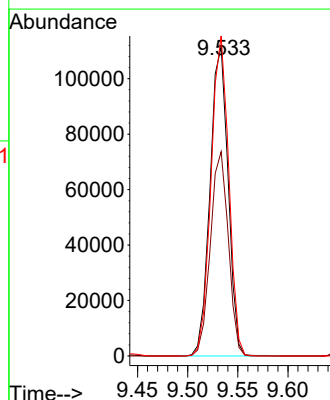
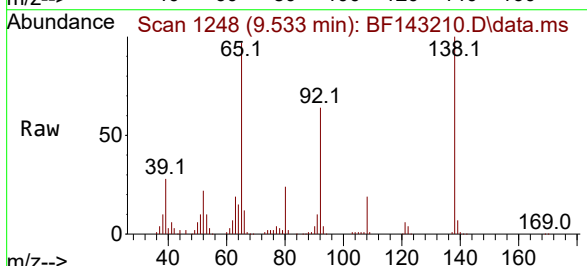
Tgt Ion: 65 Resp: 139765

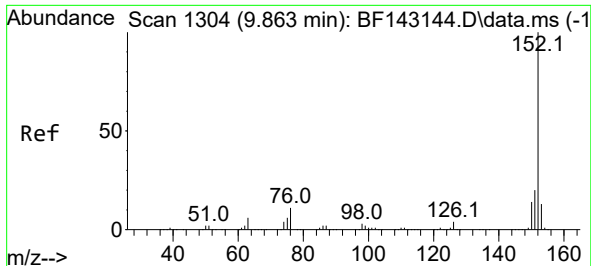
Ion Ratio Lower Upper

65 100

92 66.1 52.4 78.6

138 103.5 82.3 123.5

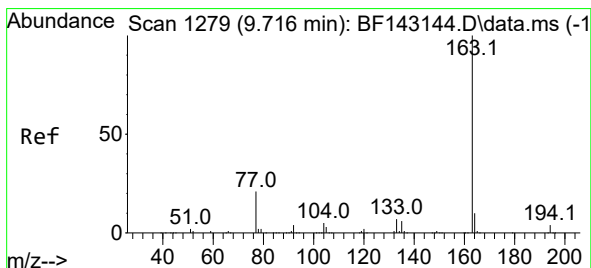
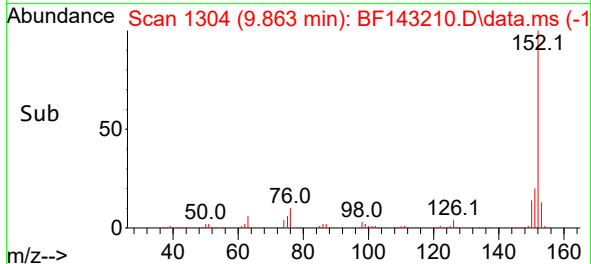
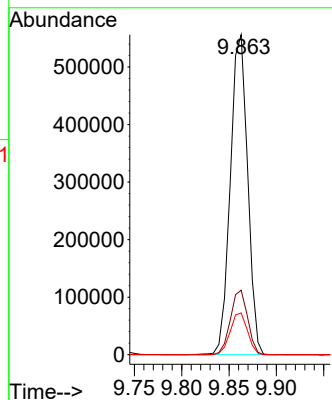
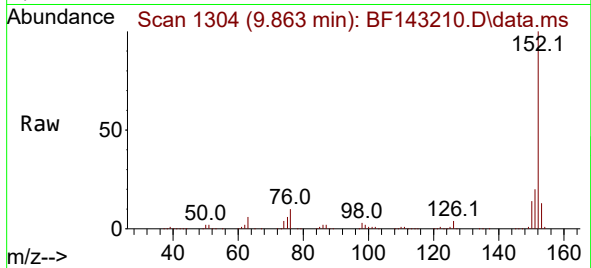




#49
Acenaphthylene
Concen: 38.989 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

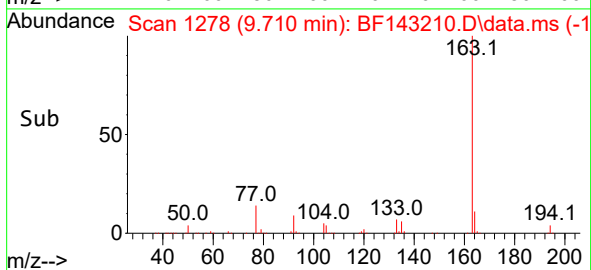
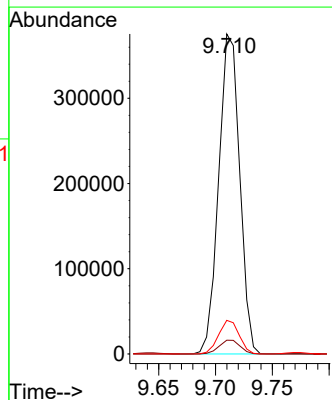
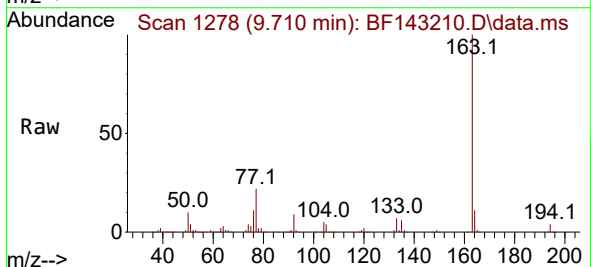
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

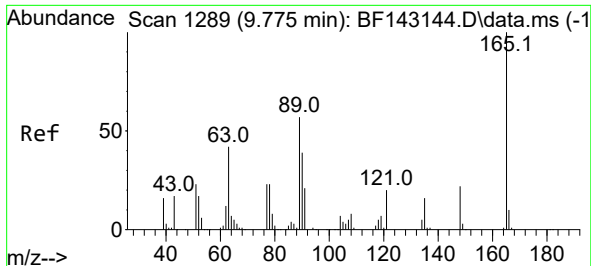
Tgt Ion:152 Resp: 707016
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 39.503 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:163 Resp: 482643
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.3 12.5

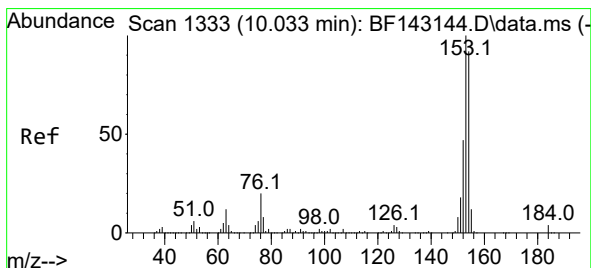
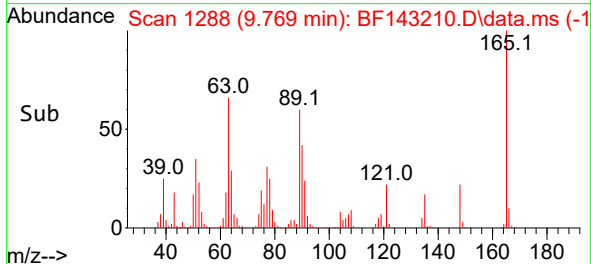
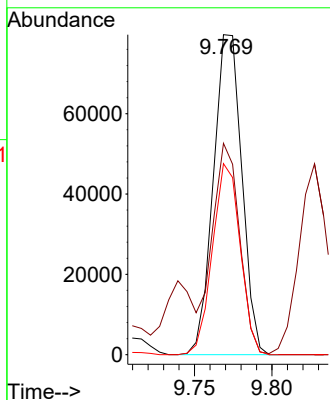
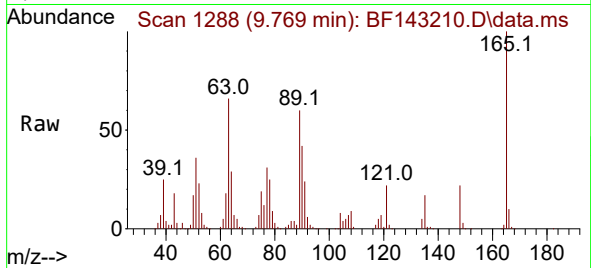




#51
2,6-Dinitrotoluene
Concen: 41.014 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

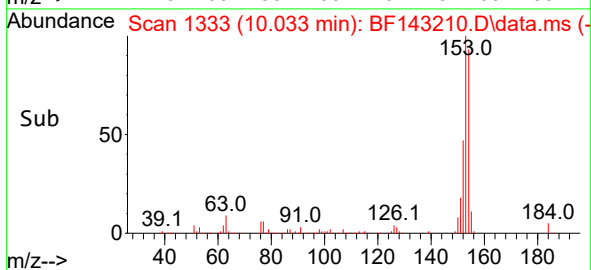
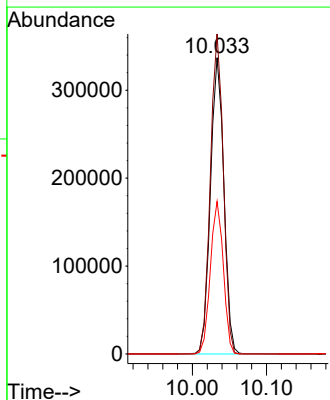
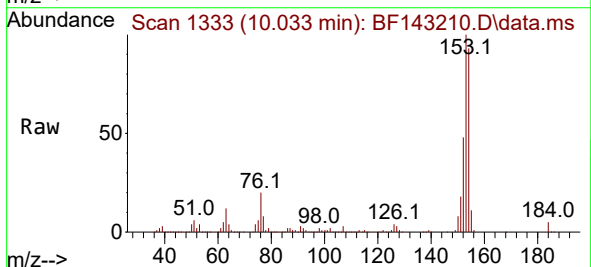
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

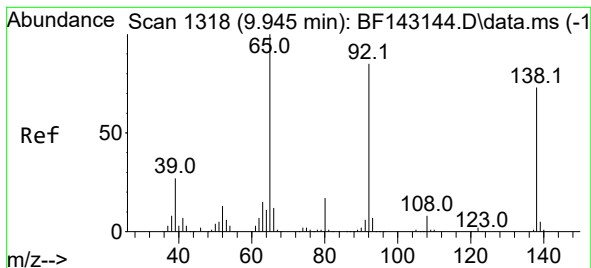
Tgt Ion:165 Resp: 101938
Ion Ratio Lower Upper
165 100
63 66.1 49.4 74.2
89 59.7 46.2 69.2



#52
Acenaphthene
Concen: 39.605 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 424478
Ion Ratio Lower Upper
154 100
153 108.0 86.6 129.8
152 51.5 40.4 60.6

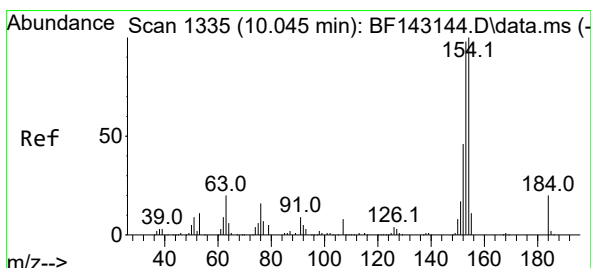
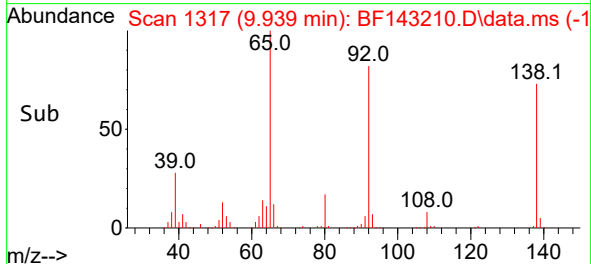
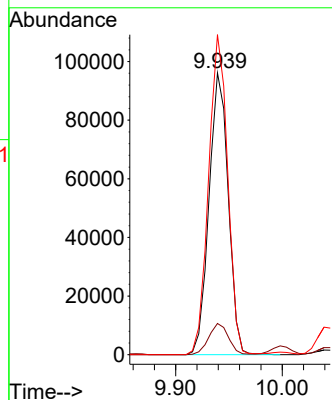
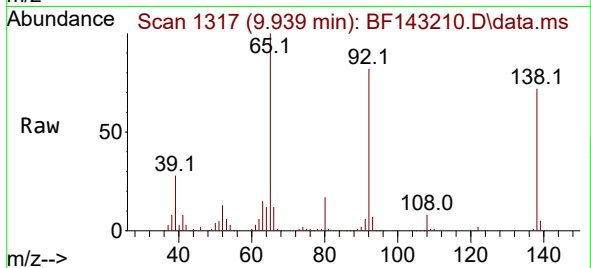




#53
3-Nitroaniline
Concen: 41.423 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

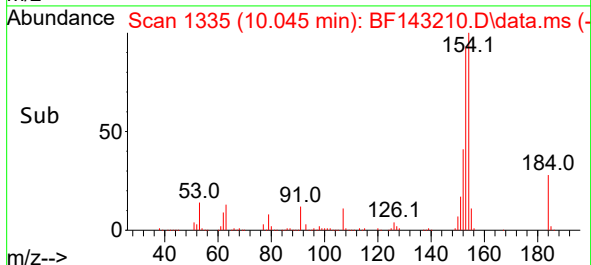
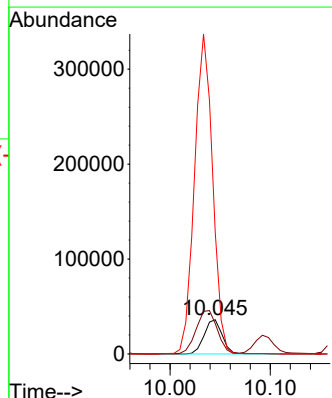
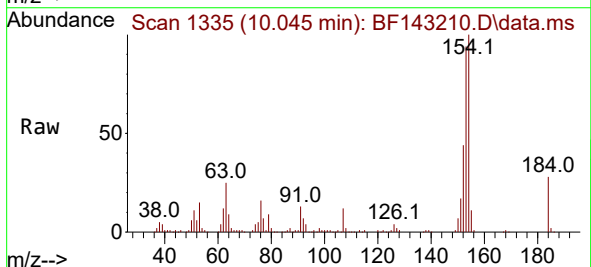
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

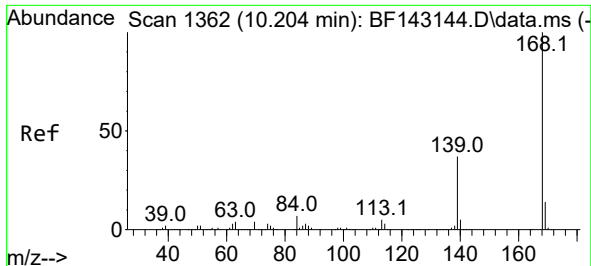
Tgt Ion:138 Resp: 120421
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.6
92 113.5 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 43.601 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:184 Resp: 45389
Ion Ratio Lower Upper
184 100
63 88.6 81.8 122.6
154 354.5 412.2 618.4#

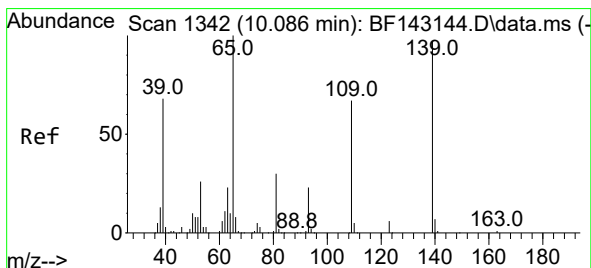
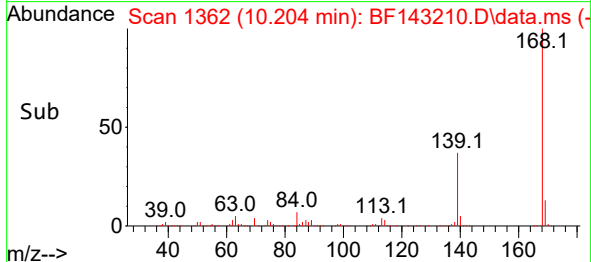
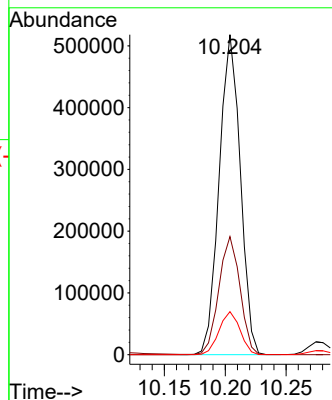
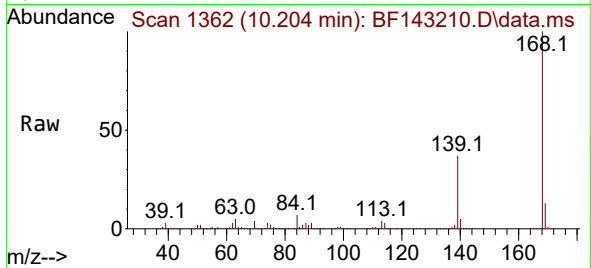




#55
Dibenzofuran
Concen: 39.327 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

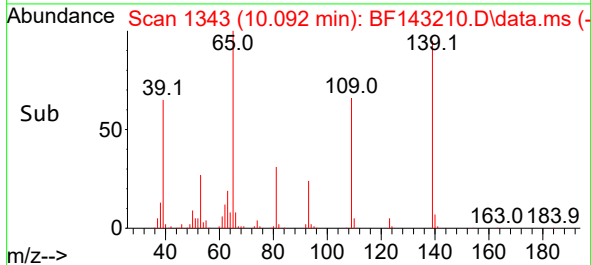
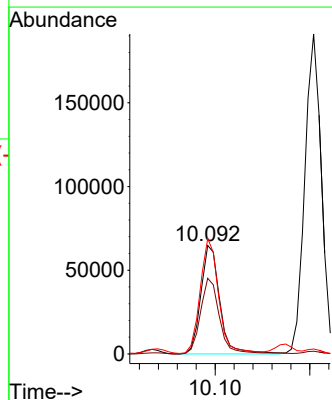
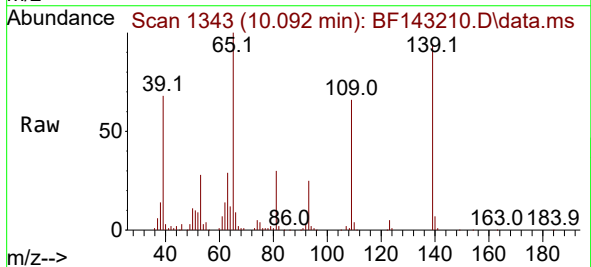
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

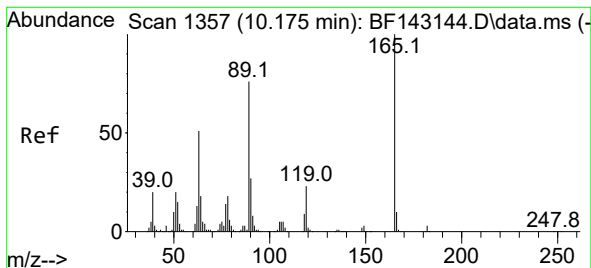
Tgt Ion:168 Resp: 625794
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 41.556 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 90214
Ion Ratio Lower Upper
139 100
109 69.9 48.5 88.5
65 106.6 83.4 123.4

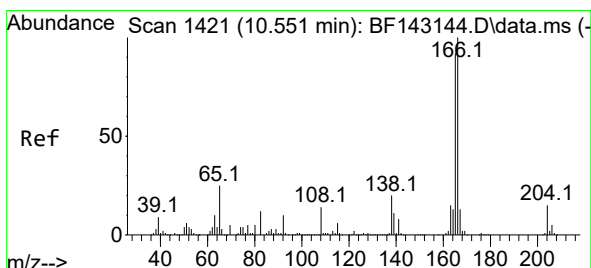
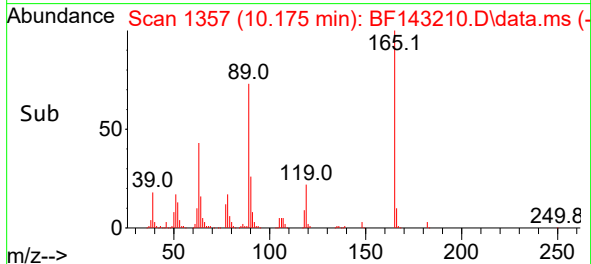
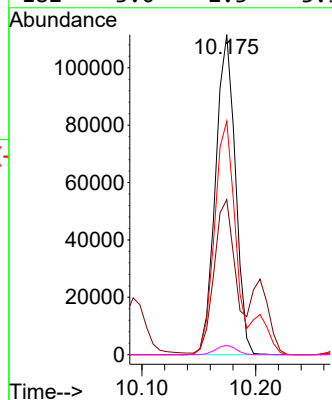
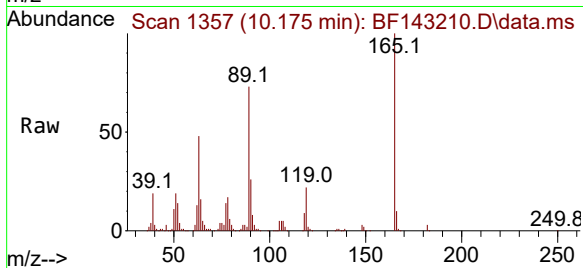




#57
2,4-Dinitrotoluene
Concen: 43.429 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

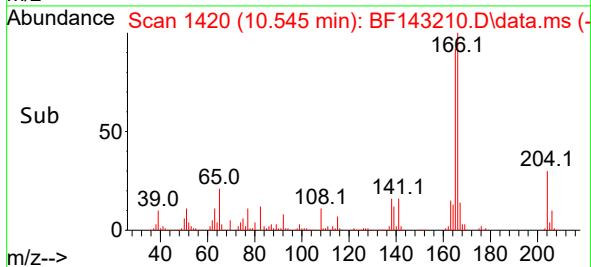
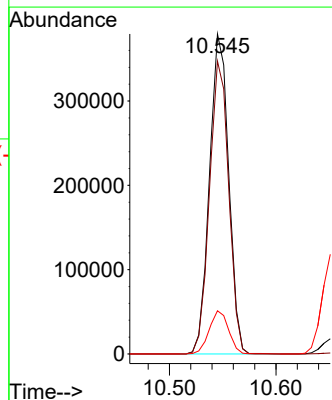
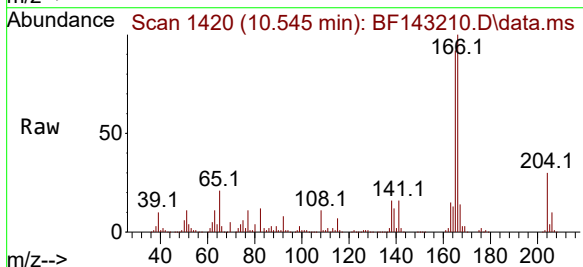
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

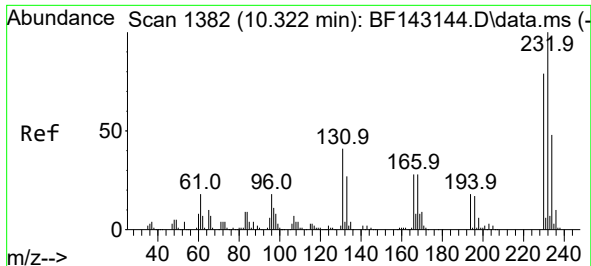
Tgt Ion:165 Resp: 135422
Ion Ratio Lower Upper
165 100
63 48.4 41.0 61.4
89 73.0 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 39.871 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:166 Resp: 476175
Ion Ratio Lower Upper
166 100
165 91.5 73.7 110.5
167 13.5 10.6 16.0

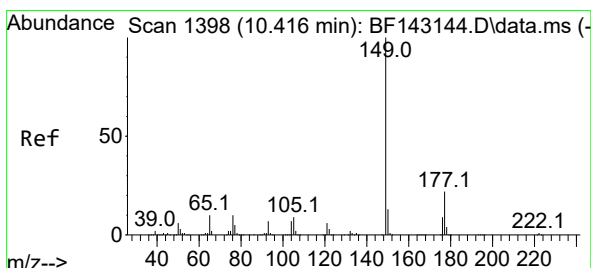
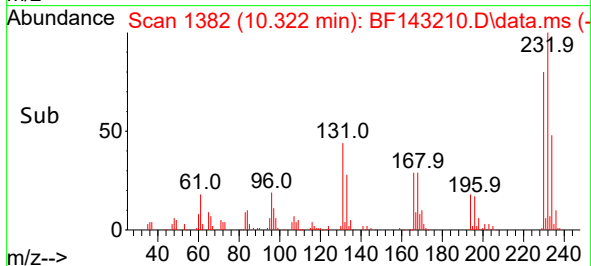
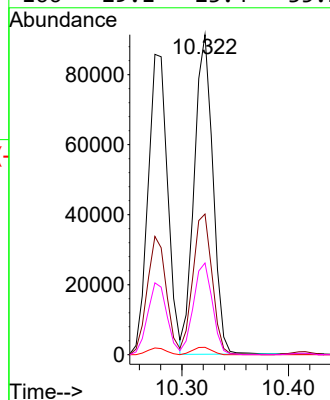
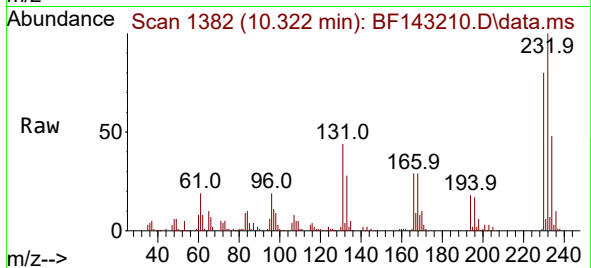




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.835 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

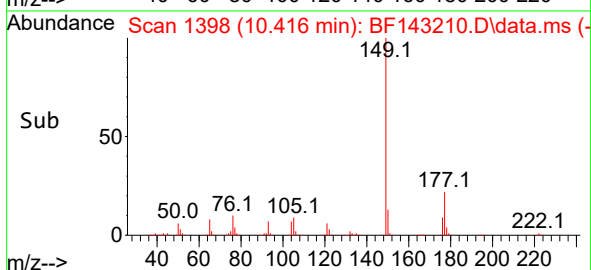
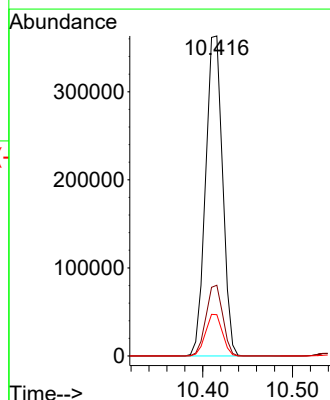
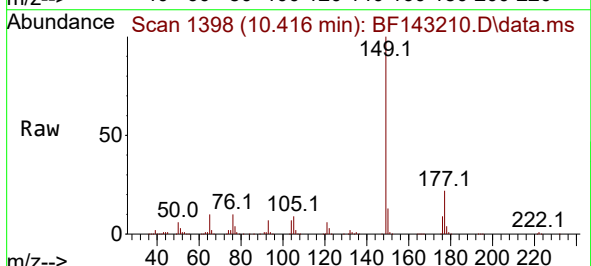
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

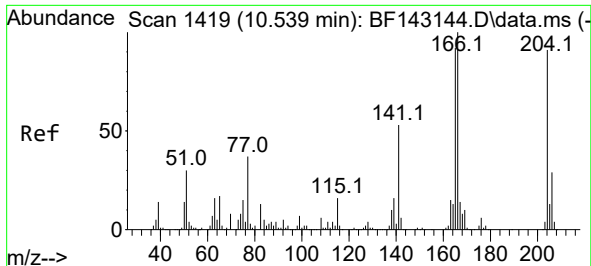
Tgt Ion:232 Resp: 111208
Ion Ratio Lower Upper
232 100
131 45.6 35.3 52.9
130 2.4 1.7 2.5
166 29.1 23.4 35.2



#60
Diethylphthalate
Concen: 39.593 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 478128
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.9 10.2 15.2

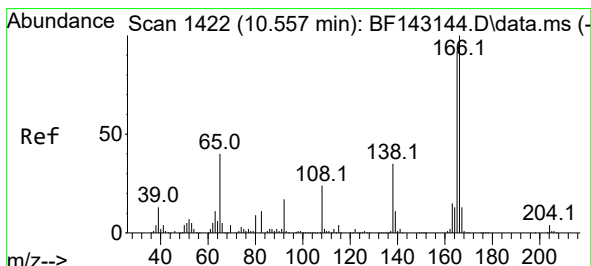
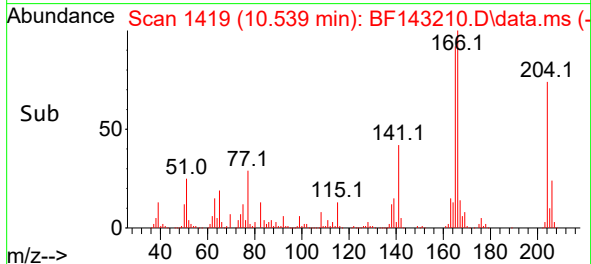
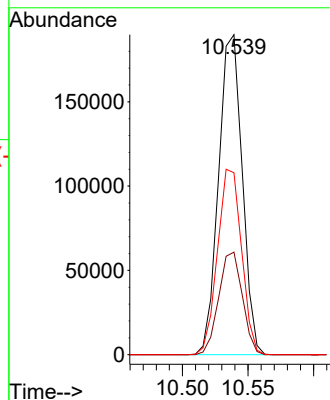
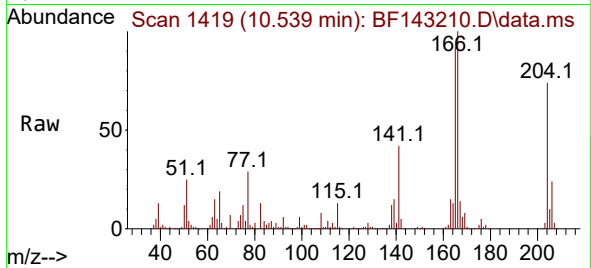




#61
4-Chlorophenyl-phenylether
Concen: 40.030 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

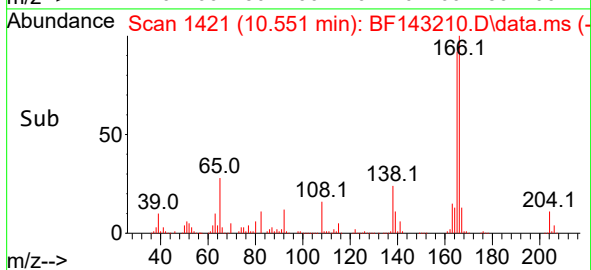
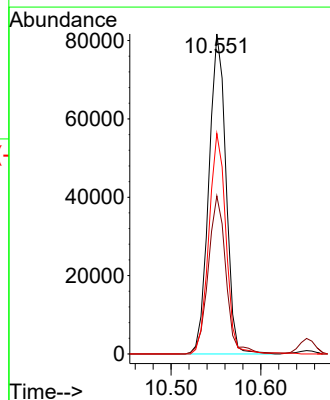
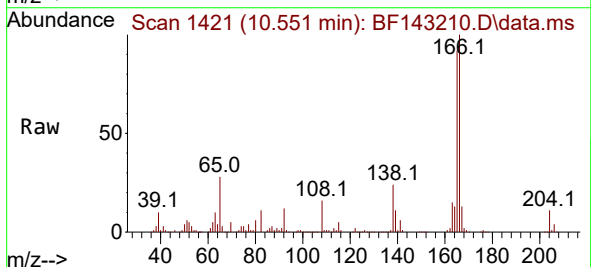
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

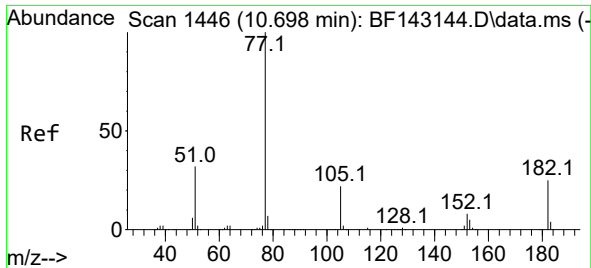
Tgt Ion:204 Resp: 238049
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 56.8 47.0 70.4



#62
4-Nitroaniline
Concen: 43.376 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:138 Resp: 108074
Ion Ratio Lower Upper
138 100
92 49.4 29.3 69.3
108 68.9 48.3 88.3

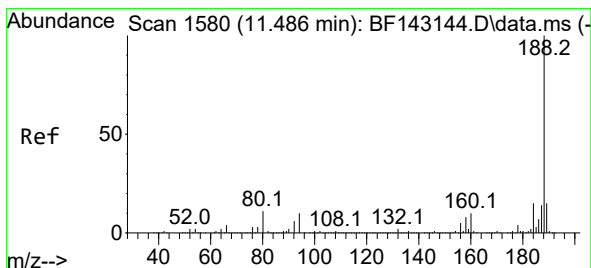
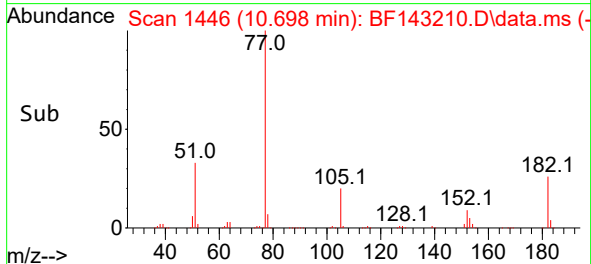
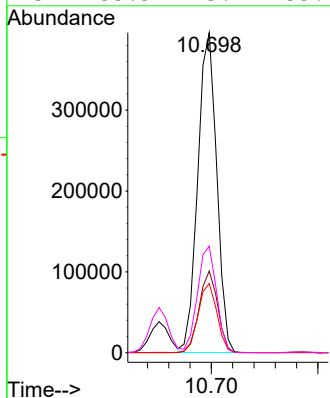
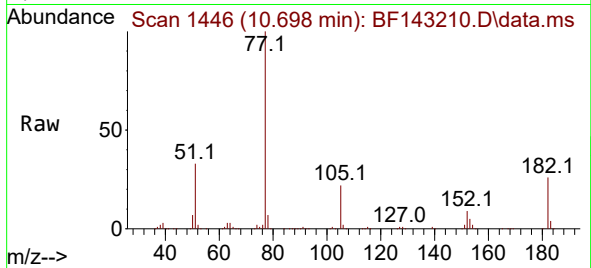




#63
Azobenzene
Concen: 38.867 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

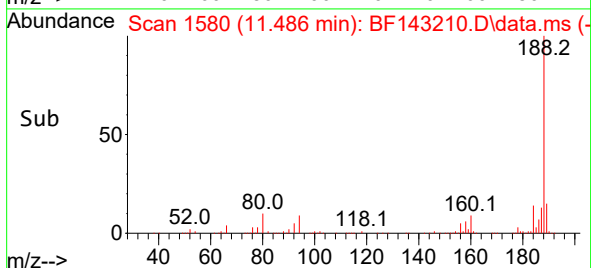
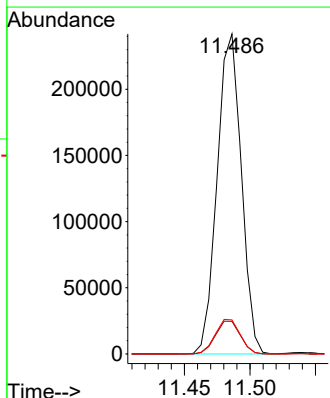
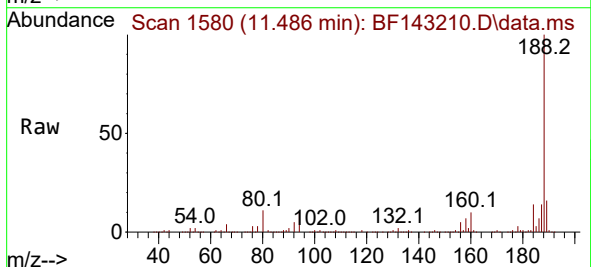
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

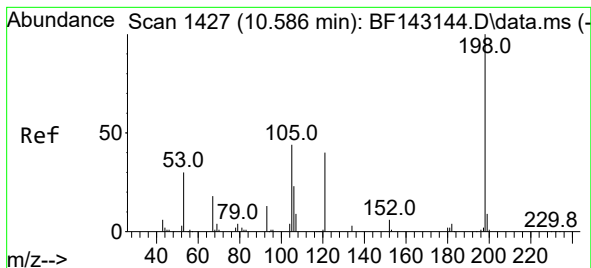
Tgt Ion: 77	Resp: 489180
Ion Ratio	Lower Upper
77 100	
182 25.5	4.6 44.6
105 21.6	1.4 41.4
51 33.3	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:188	Resp: 309922
Ion Ratio	Lower Upper
188 100	
94 10.2	8.3 12.5
80 10.7	9.0 13.6

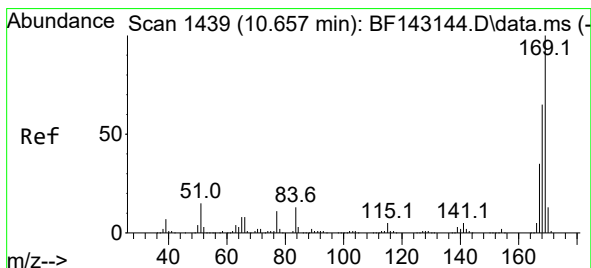
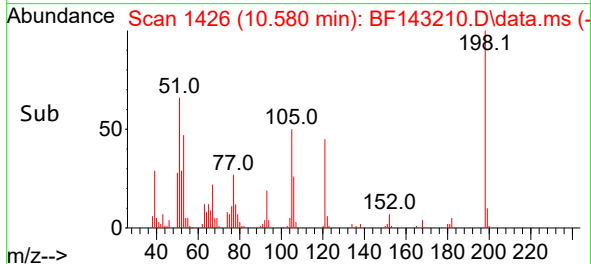
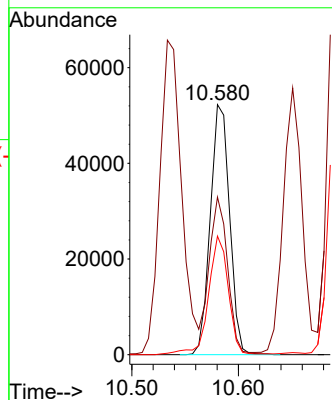
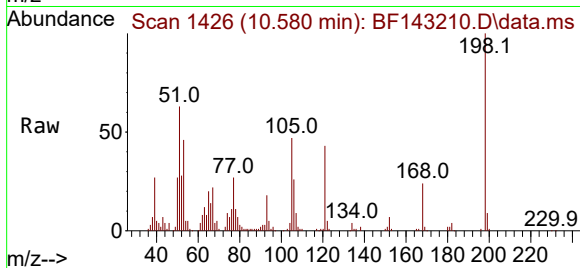




#65
4,6-Dinitro-2-methylphenol
Concen: 41.322 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

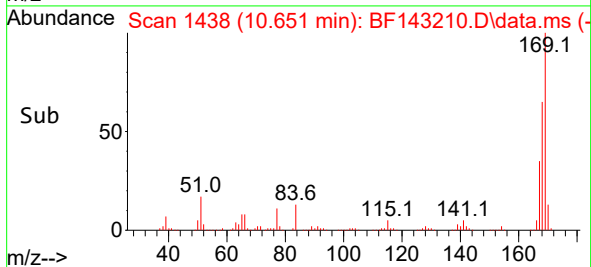
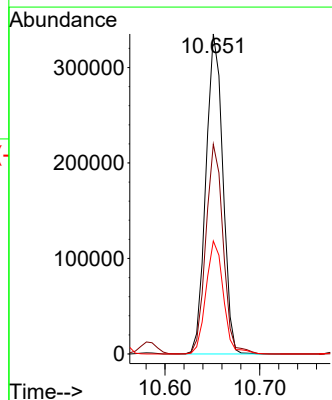
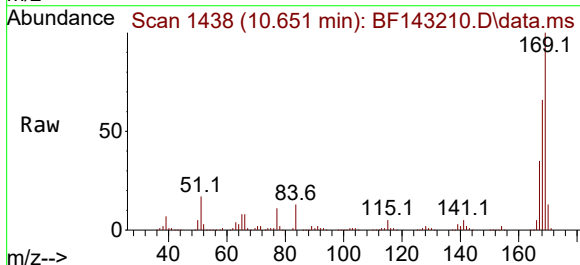
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

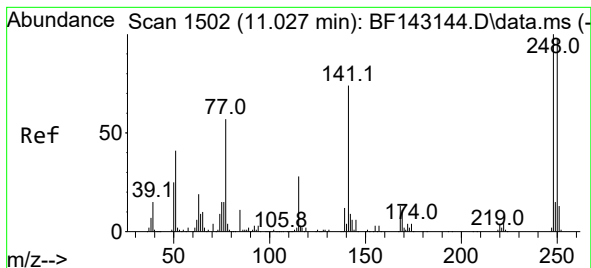
Tgt Ion:198 Resp: 65757
Ion Ratio Lower Upper
198 100
51 63.0 37.2 77.2
105 47.4 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 37.925 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:169 Resp: 413888
Ion Ratio Lower Upper
169 100
168 65.5 52.1 78.1
167 35.3 28.2 42.2

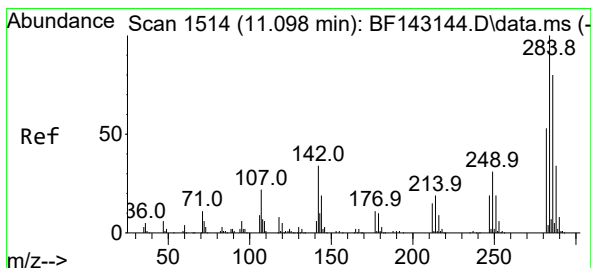
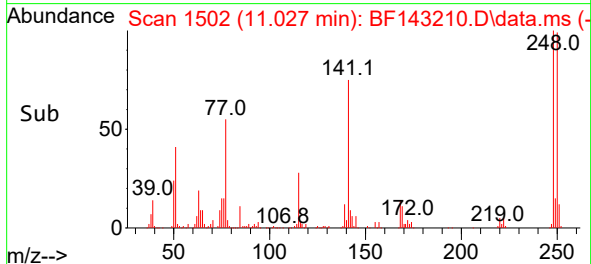
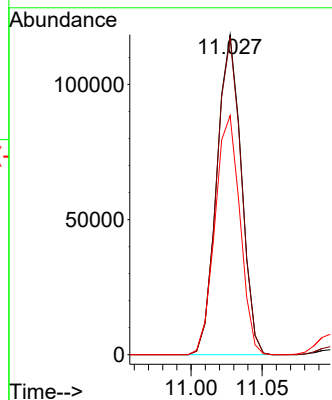
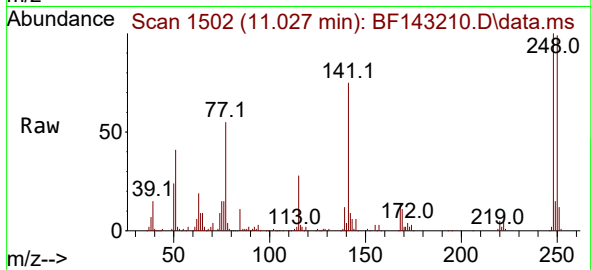




#67
4-Bromophenyl-phenylether
Concen: 38.488 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

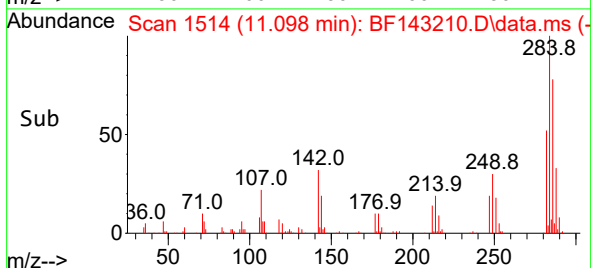
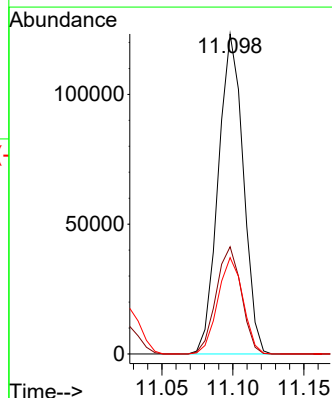
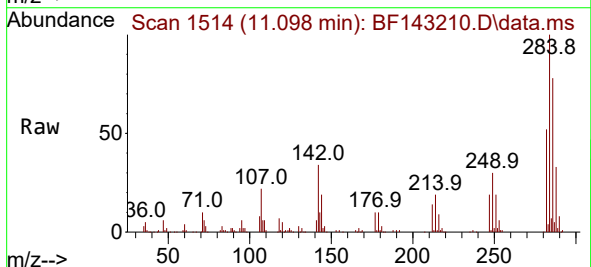
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

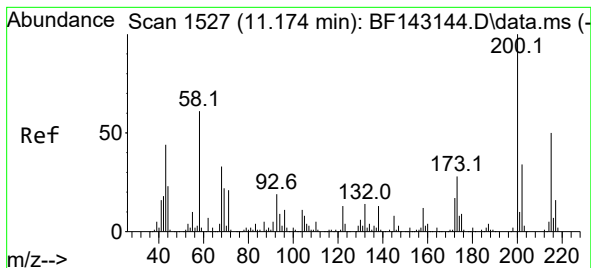
Tgt Ion:248 Resp: 142152
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 74.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.109 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:284 Resp: 150979
Ion Ratio Lower Upper
284 100
142 33.5 27.0 40.6
249 30.1 25.0 37.6





#69

Atrazine

Concen: 42.107 ng

RT: 11.174 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

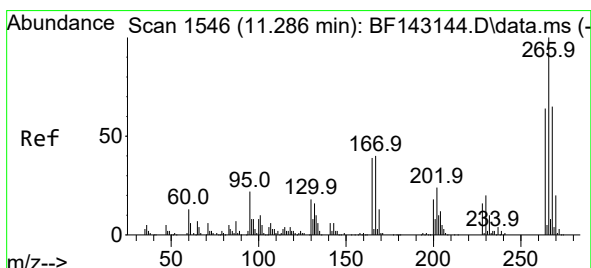
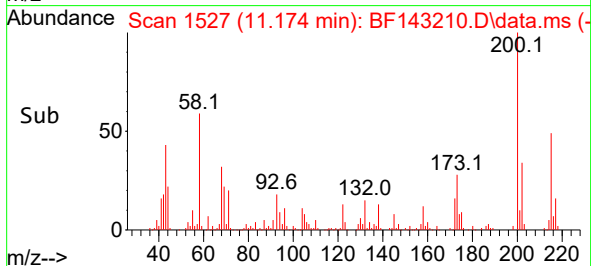
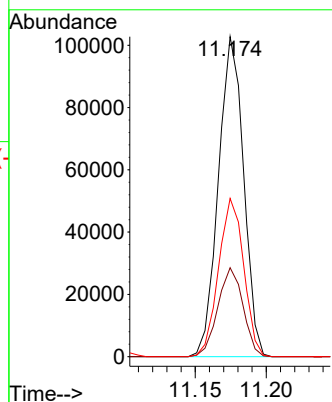
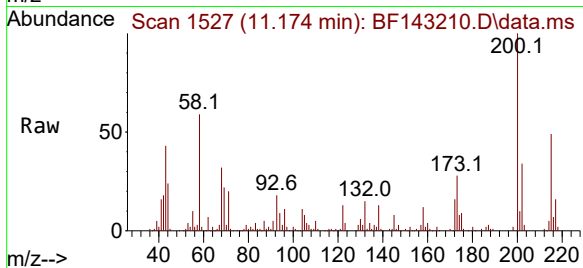
Tgt Ion:200 Resp: 126687

Ion Ratio Lower Upper

200 100

173 27.8 7.9 47.9

215 49.5 30.1 70.1



#70

Pentachlorophenol

Concen: 36.572 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

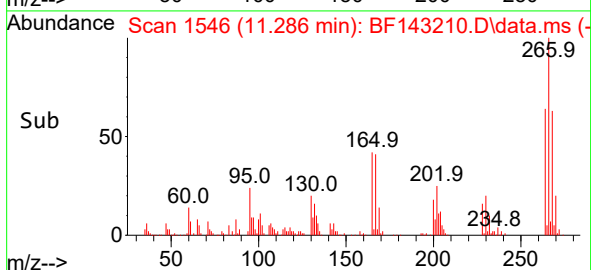
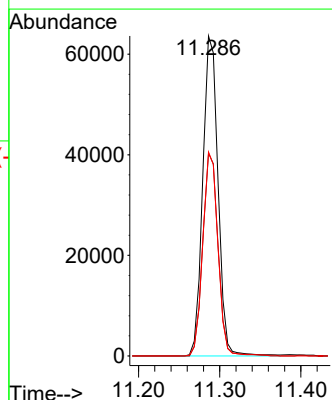
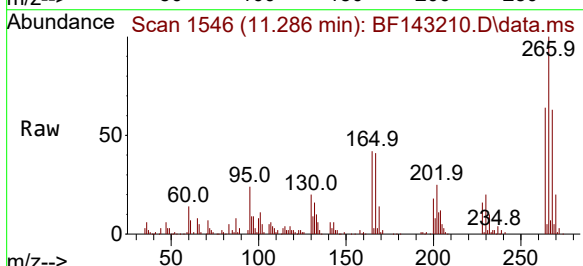
Tgt Ion:266 Resp: 83028

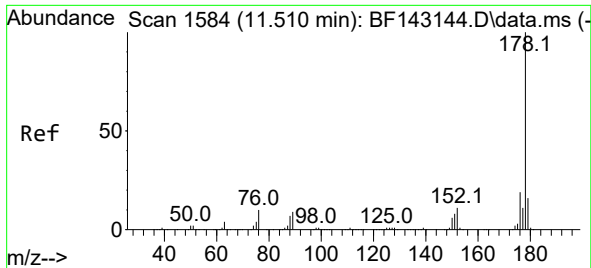
Ion Ratio Lower Upper

266 100

268 63.4 51.9 77.9

264 63.8 51.0 76.6

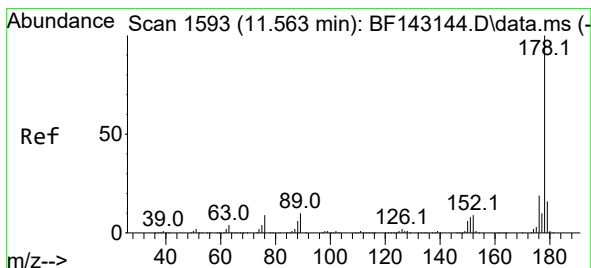
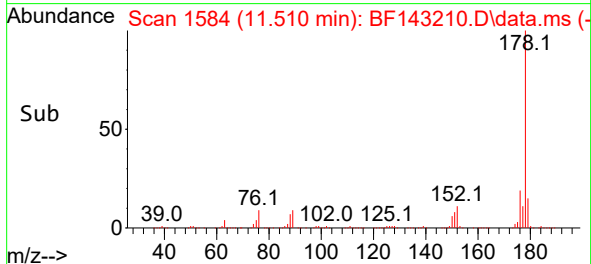
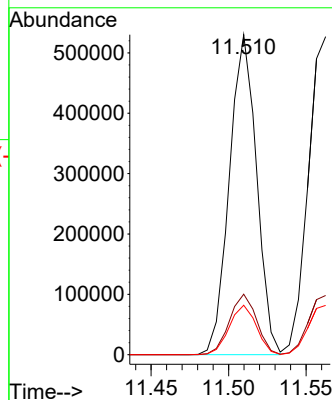
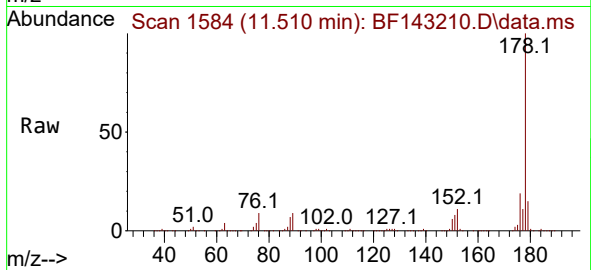




#71
Phenanthrene
Concen: 39.306 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

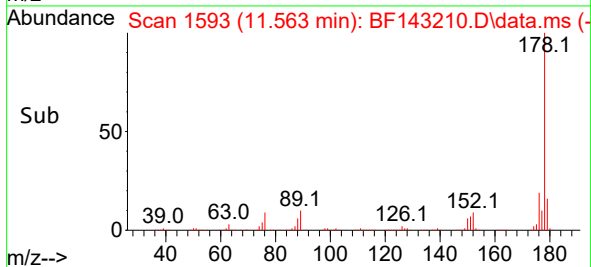
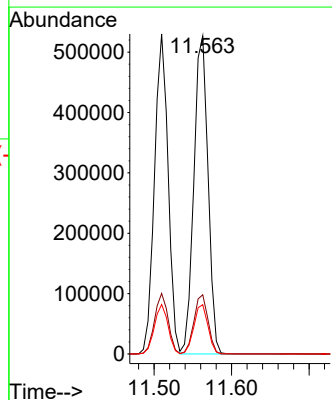
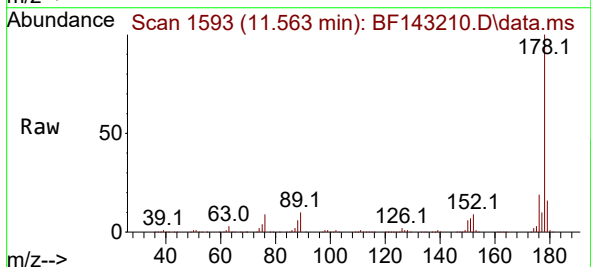
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

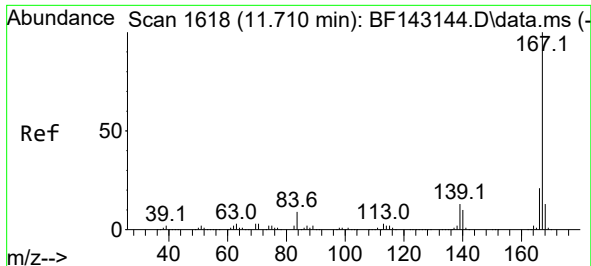
Tgt Ion:178 Resp: 646817
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 39.761 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

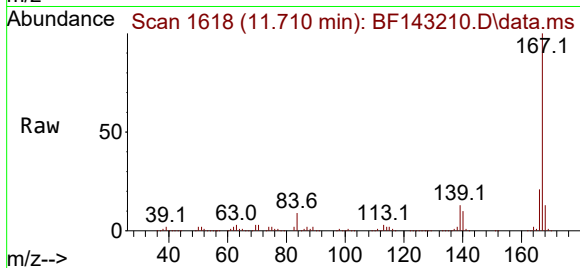
Tgt Ion:178 Resp: 667319
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.5 18.7



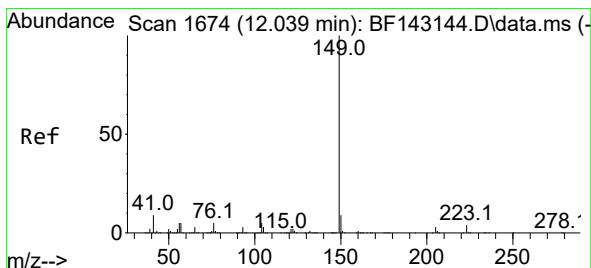
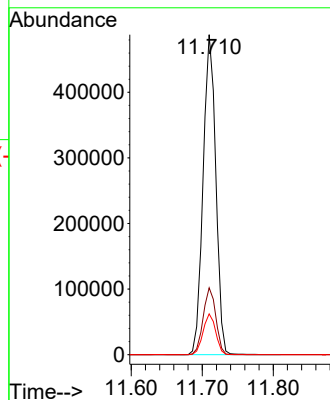
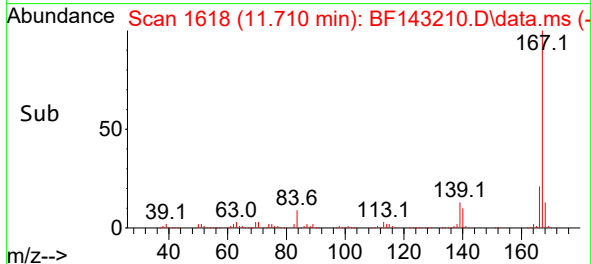


#73
 Carbazole
 Concen: 41.500 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33

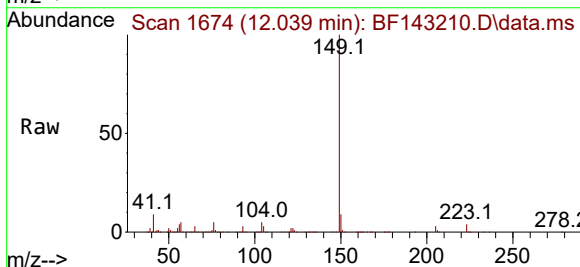
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



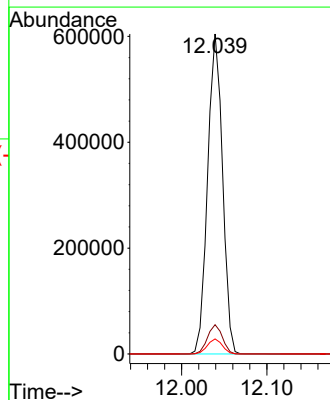
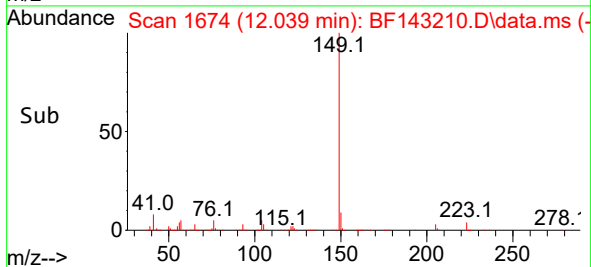
Tgt Ion:167 Resp: 608177
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.8 10.0 15.0

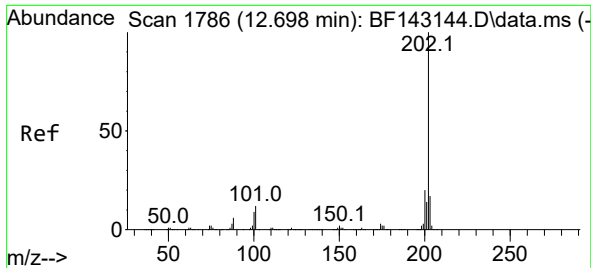


#74
 Di-n-butylphthalate
 Concen: 44.219 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143210.D
 Acq: 23 Jul 2025 14:33



Tgt Ion:149 Resp: 733248
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 3.8 5.8

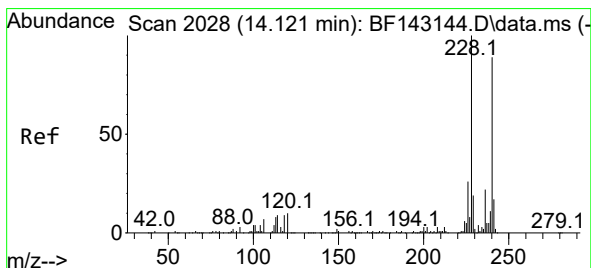
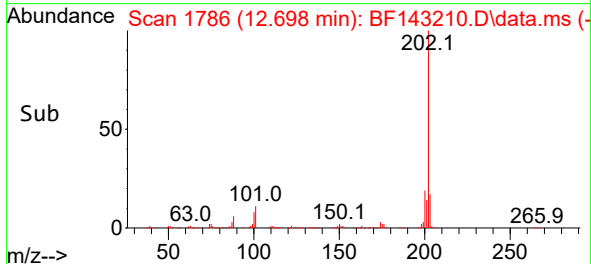
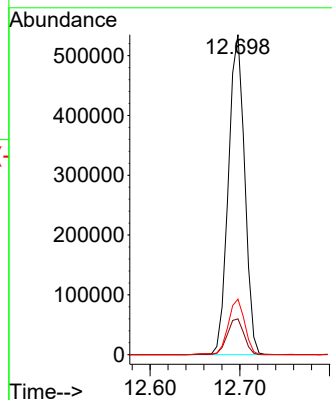
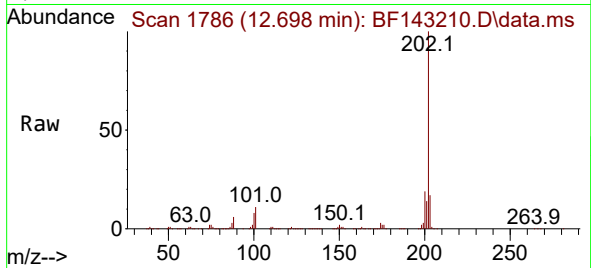




#75
Fluoranthene
Concen: 44.615 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

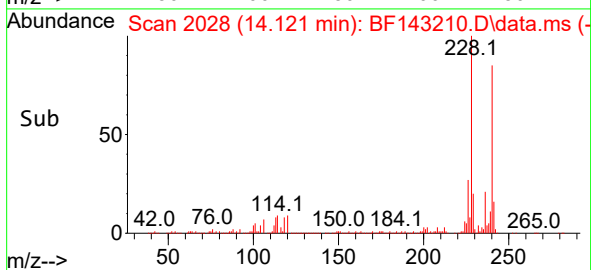
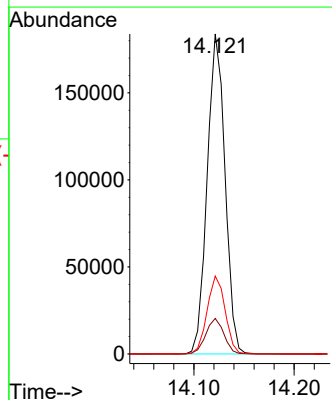
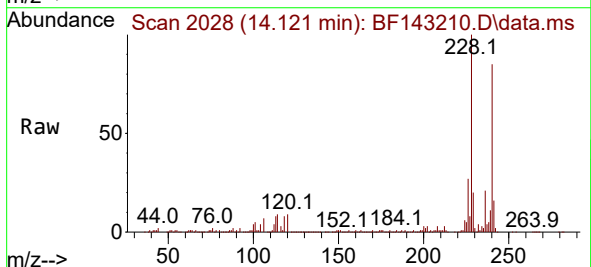
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

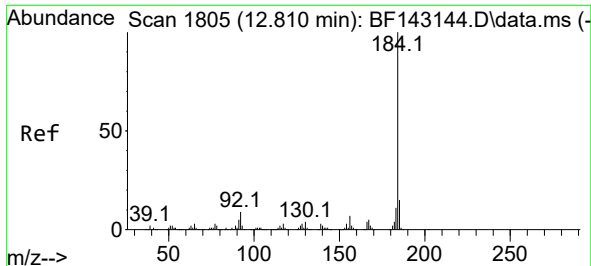
Tgt Ion:202 Resp: 673881
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.7
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:240 Resp: 228057
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 24.4 20.2 30.4

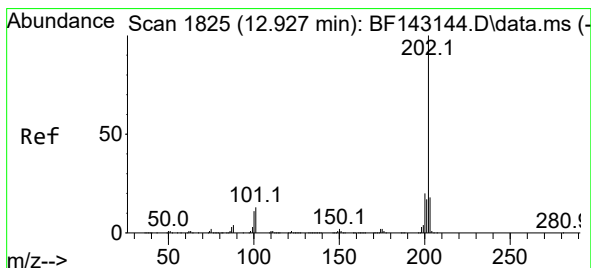
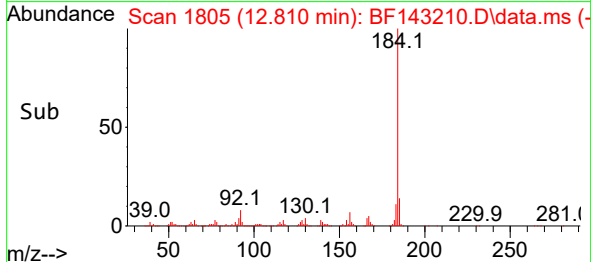
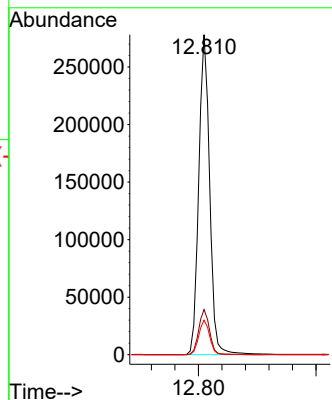
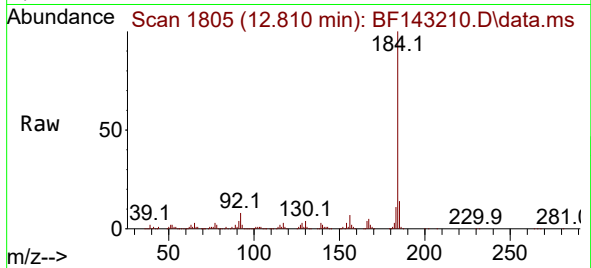




#77
Benzidine
Concen: 40.712 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

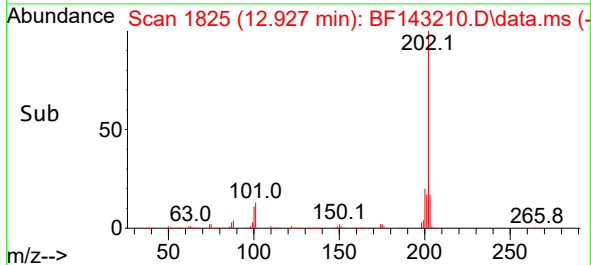
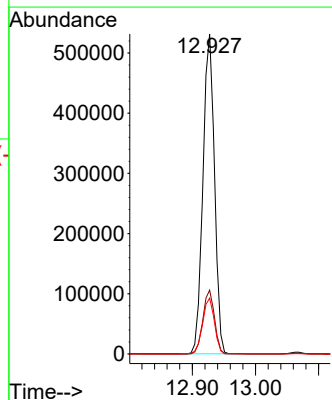
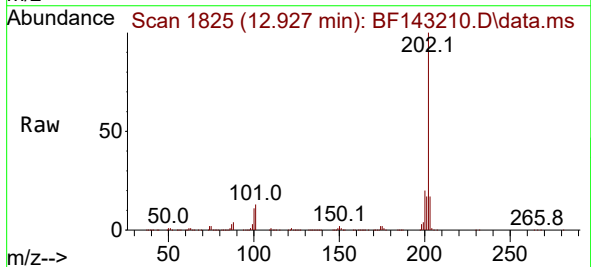
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

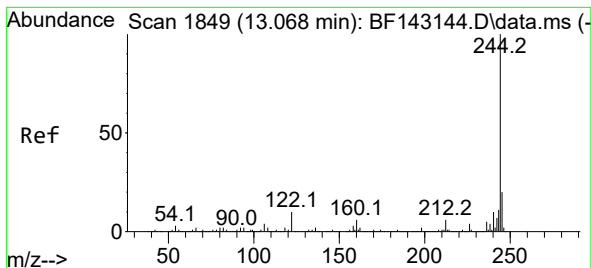
Tgt Ion:184 Resp: 357711
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 34.761 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:202 Resp: 676567
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 70.144 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

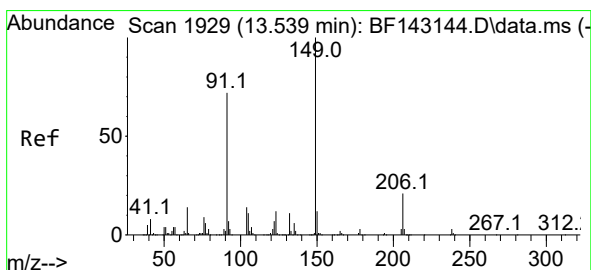
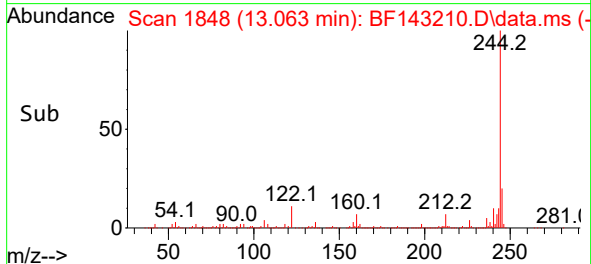
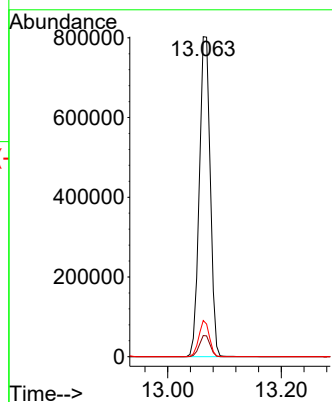
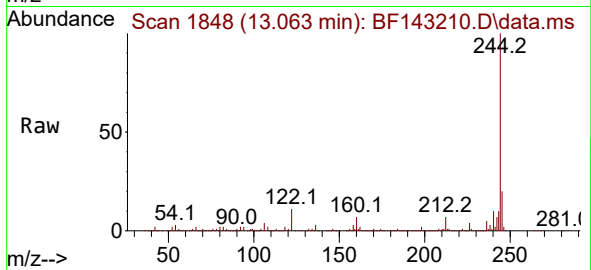
Tgt Ion:244 Resp: 1074970

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 11.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 47.140 ng

RT: 13.539 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

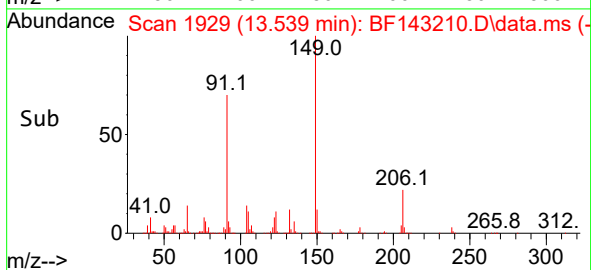
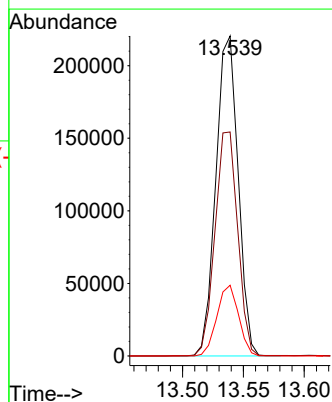
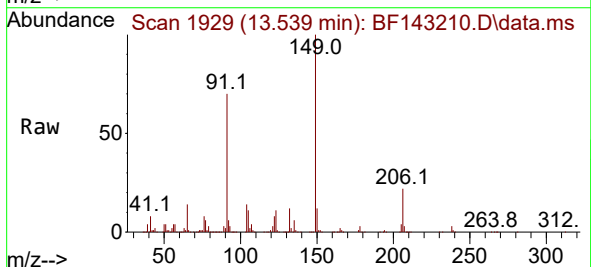
Tgt Ion:149 Resp: 280954

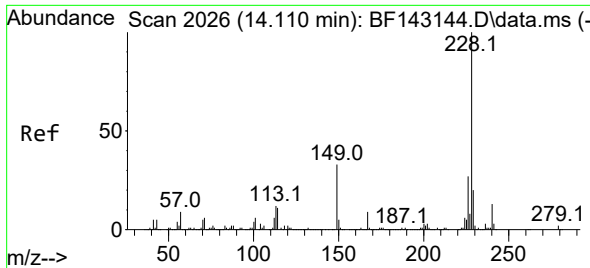
Ion Ratio Lower Upper

149 100

91 70.0 57.9 86.9

206 22.1 17.0 25.4

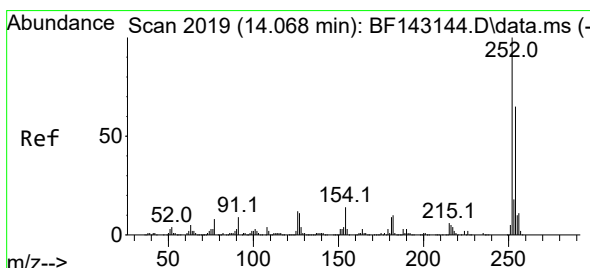
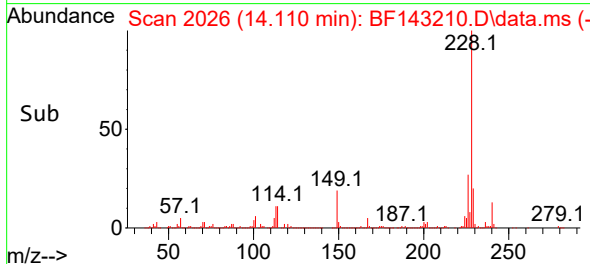
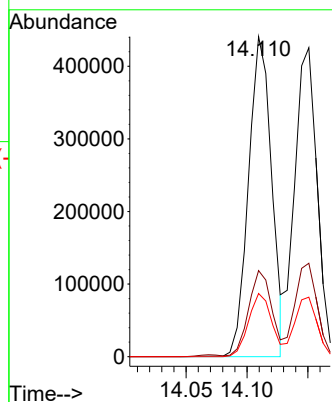
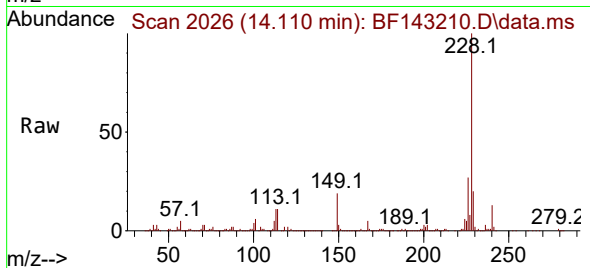




#81
Benzo(a)anthracene
Concen: 38.065 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

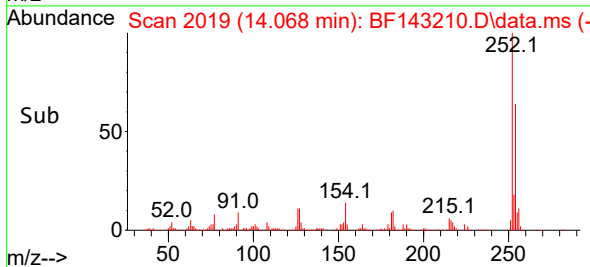
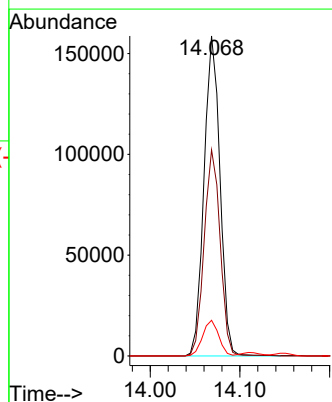
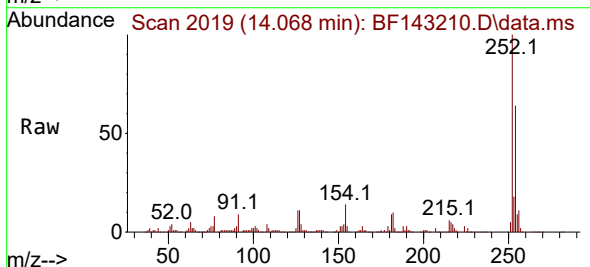
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

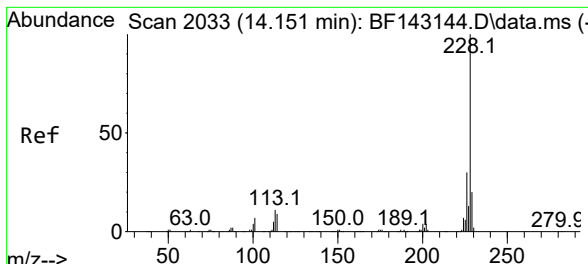
Tgt Ion:228 Resp: 581201
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.576 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 196307
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 11.2 9.4 14.0





#83

Chrysene

Concen: 39.878 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

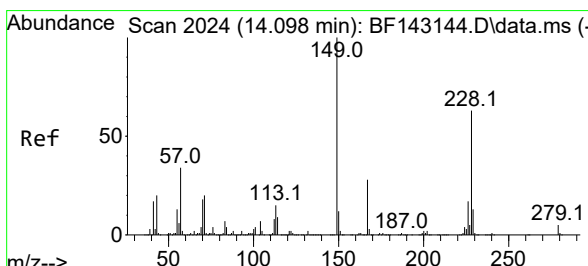
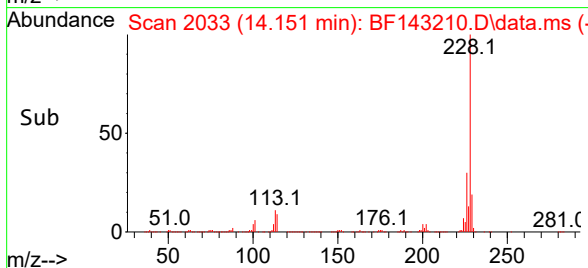
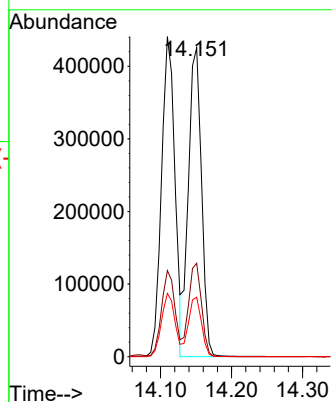
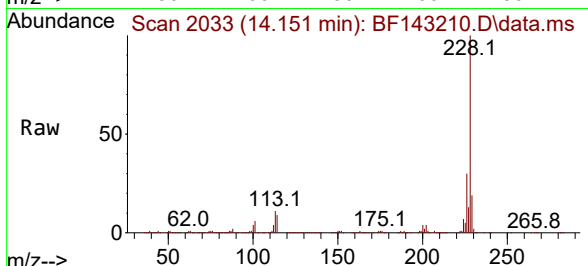
Tgt Ion:228 Resp: 547436

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.463 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

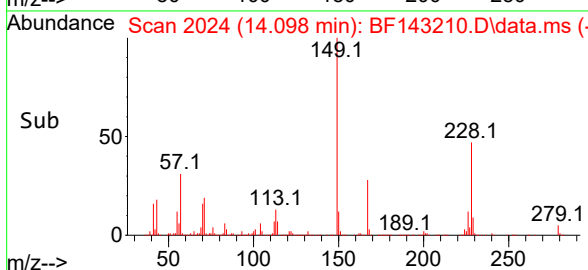
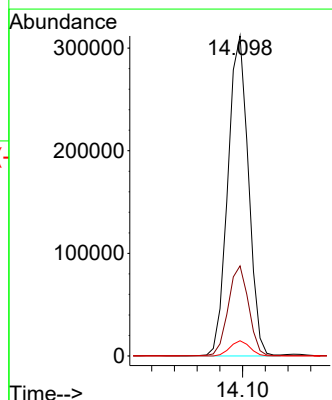
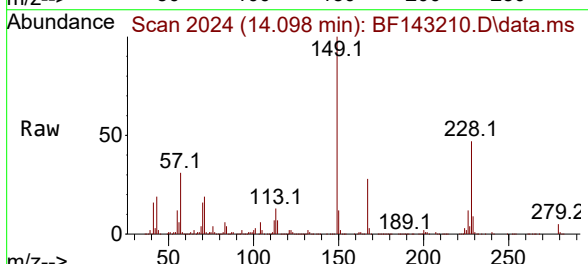
Tgt Ion:149 Resp: 392081

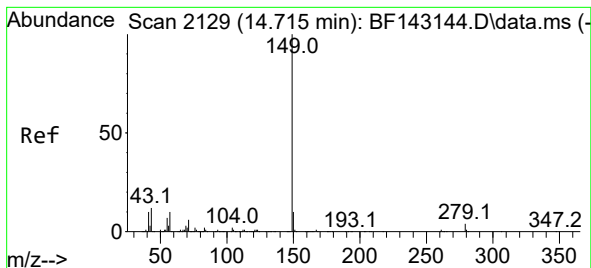
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 40.193 ng

RT: 14.710 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

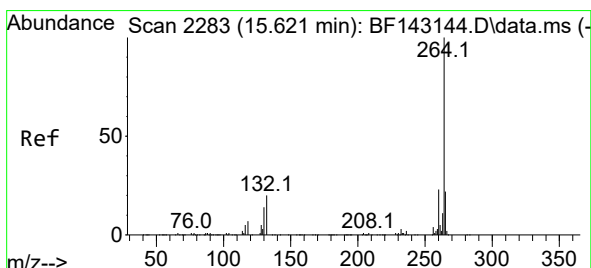
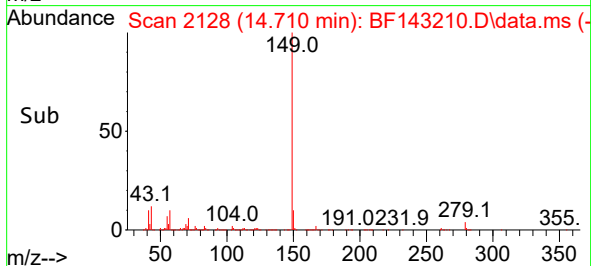
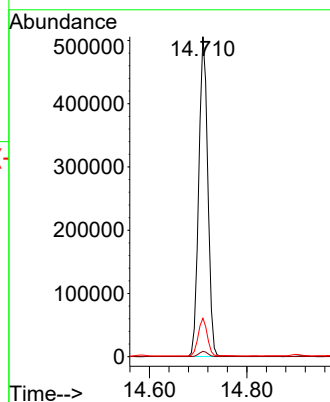
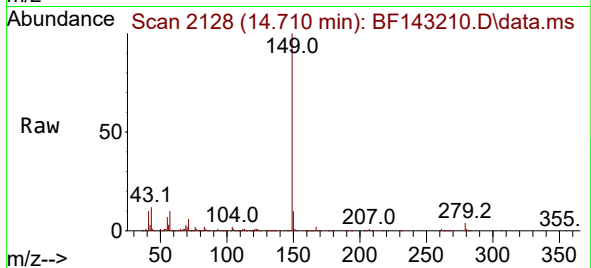
Tgt Ion:149 Resp: 657230

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.7 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

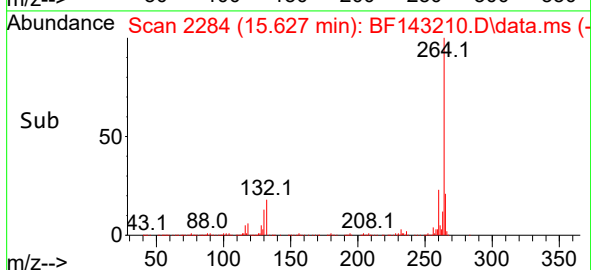
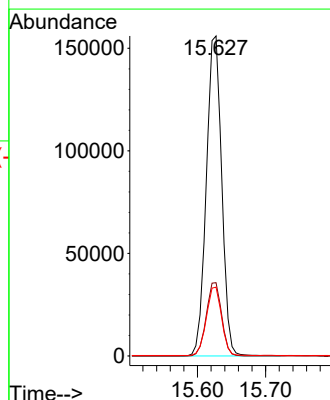
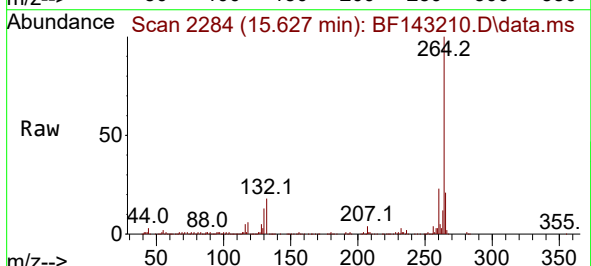
Tgt Ion:264 Resp: 245226

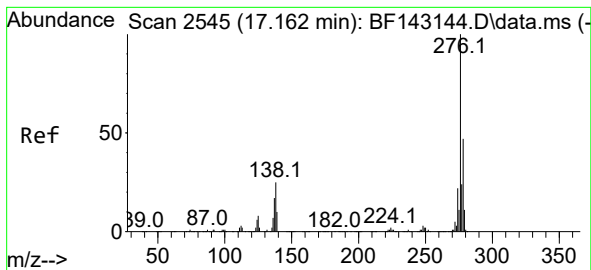
Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.487 ng

RT: 17.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

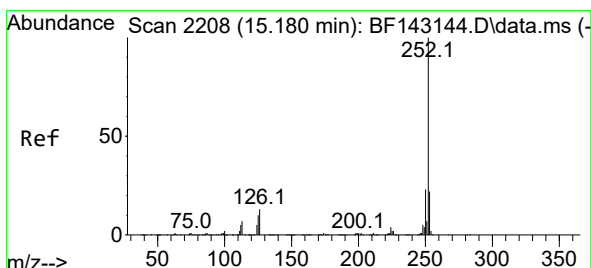
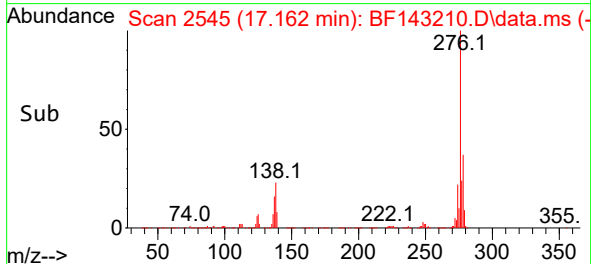
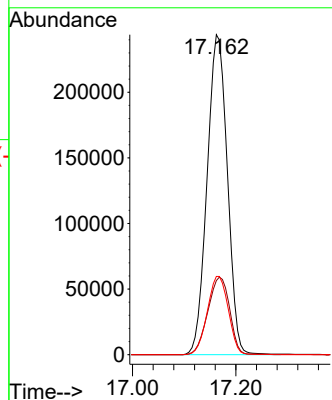
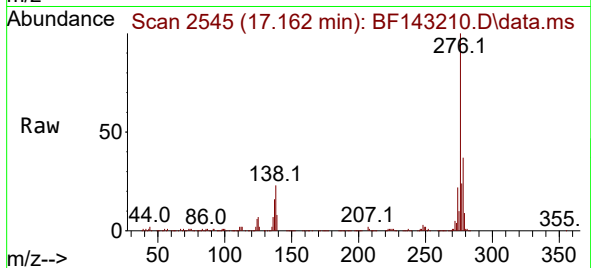
Tgt Ion:276 Resp: 665501

Ion Ratio Lower Upper

276 100

138 26.1 21.8 32.6

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.819 ng

RT: 15.180 min Scan# 2208

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

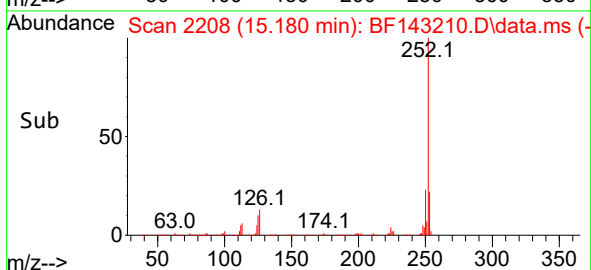
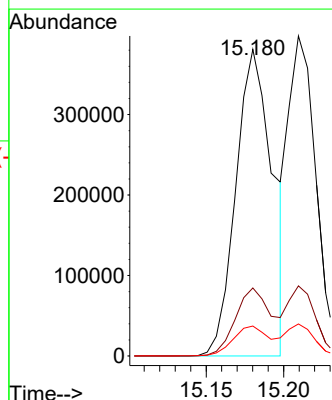
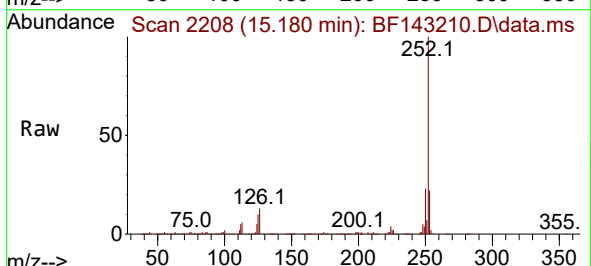
Tgt Ion:252 Resp: 626496

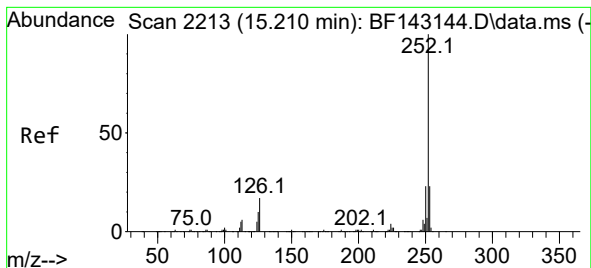
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 36.623 ng

RT: 15.210 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

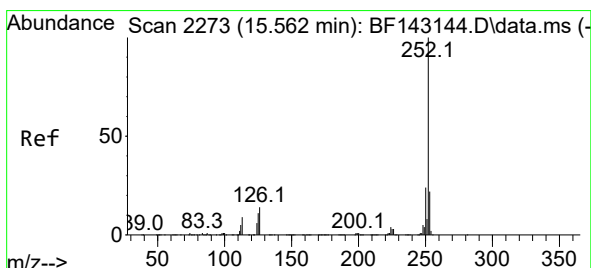
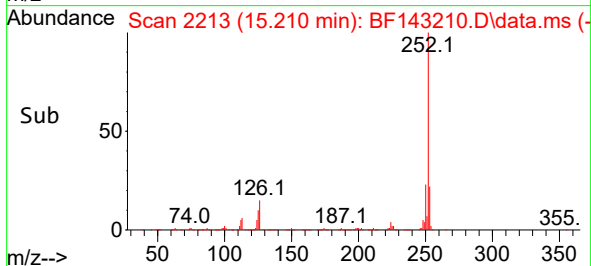
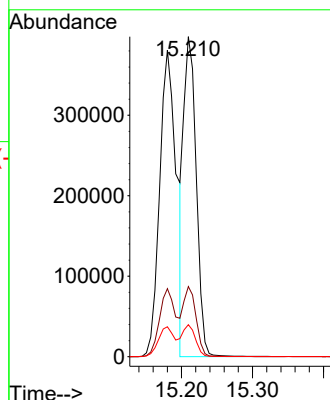
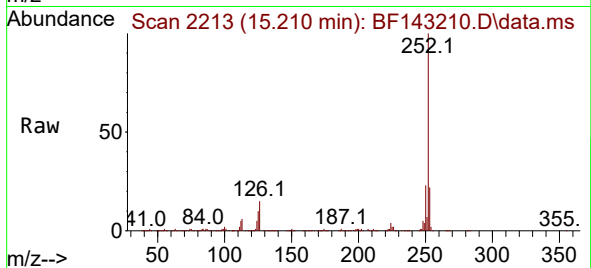
Tgt Ion:252 Resp: 489587

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.0 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.377 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

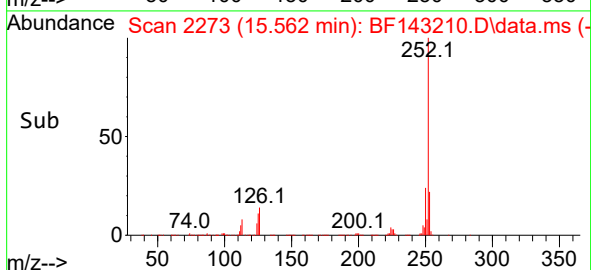
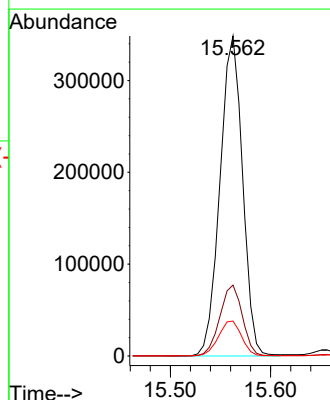
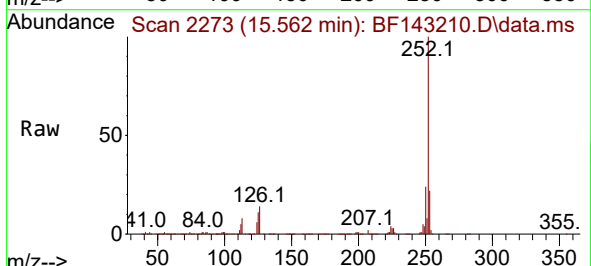
Tgt Ion:252 Resp: 543505

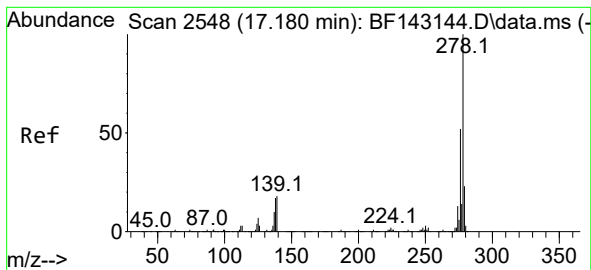
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 38.668 ng

RT: 17.180 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

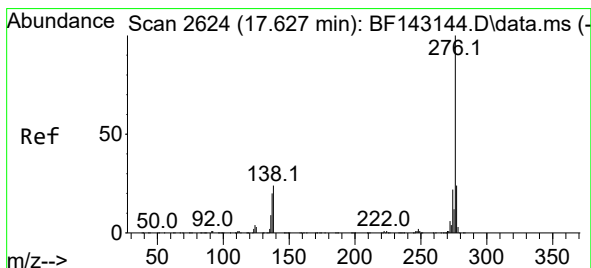
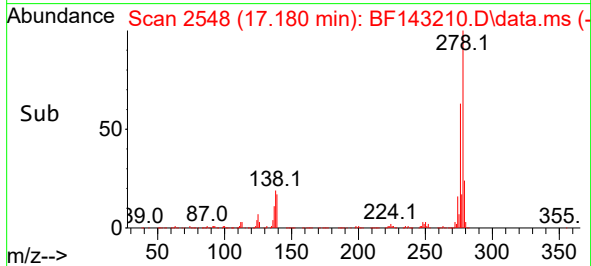
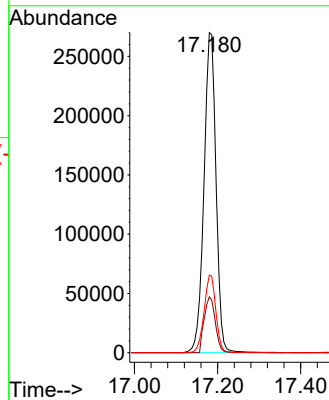
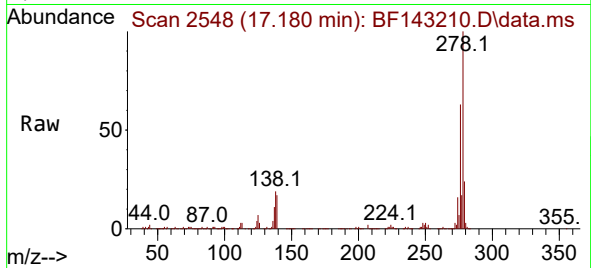
Tgt Ion:278 Resp: 544233

Ion Ratio Lower Upper

278 100

139 17.5 14.1 21.1

279 24.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 39.524 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143210.D

Acq: 23 Jul 2025 14:33

Tgt Ion:276 Resp: 538105

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 22.2 18.9 28.3

