

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142311.D
 Acq On : 12 May 2025 10:47
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 12 12:08:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	226036	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	861695	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	461291	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	783052	20.000	ng	0.00
76) Chrysene-d12	14.074	240	426377	20.000	ng	0.00
86) Perylene-d12	15.562	264	432380	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	961326	72.602	ng	0.00
7) Phenol-d6	6.522	99	1197038	73.503	ng	0.00
23) Nitrobenzene-d5	7.469	82	1131993	80.118	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	325349	73.052	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2325283	71.876	ng	0.00
79) Terphenyl-d14	13.015	244	2226381	77.286	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.687	88	228009	38.239	ng 99
3) Pyridine	3.446	79	581665	41.549	ng 99
4) n-Nitrosodimethylamine	3.398	42	306604	37.683	ng 100
6) Aniline	6.569	93	741992	46.451	ng 99
8) 2-Chlorophenol	6.686	128	499773	35.321	ng 99
9) Benzaldehyde	6.457	77	296061	31.061	ng 98
10) Phenol	6.539	94	678588	39.309	ng 98
11) bis(2-Chloroethyl)ether	6.639	93	564411	33.155	ng 99
12) 1,3-Dichlorobenzene	6.845	146	605214	37.387	ng 99
13) 1,4-Dichlorobenzene	6.922	146	609547	37.503	ng 99
14) 1,2-Dichlorobenzene	7.075	146	582029	37.307	ng 100
15) Benzyl Alcohol	7.045	79	409030	38.787	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	935009	36.780	ng 100
17) 2-Methylphenol	7.151	107	423442	36.964	ng 100
18) Hexachloroethane	7.422	117	195187	36.093	ng 100
19) n-Nitroso-di-n-propyla...	7.316	70	369696	36.699	ng 99
20) 3+4-Methylphenols	7.304	107	528183	36.944	ng 99
22) Acetophenone	7.316	105	718820	37.518	ng 99
24) Nitrobenzene	7.486	77	539770	40.528	ng 99
25) Isophorone	7.728	82	1020042	38.125	ng 100
26) 2-Nitrophenol	7.804	139	172239	28.633	ng 98
27) 2,4-Dimethylphenol	7.833	122	493156	36.661	ng 100
28) bis(2-Chloroethoxy)met...	7.933	93	645263	37.506	ng 99
29) 2,4-Dichlorophenol	8.039	162	442297	38.674	ng 99
30) 1,2,4-Trichlorobenzene	8.128	180	494889	38.450	ng 99
31) Naphthalene	8.210	128	1575374	37.722	ng 100
32) Benzoic acid	7.939	122	183872m	29.823	ng
33) 4-Chloroaniline	8.257	127	682578m	40.055	ng
34) Hexachlorobutadiene	8.328	225	294678	38.665	ng 99
35) Caprolactam	8.622	113	119393	35.820	ng 98
36) 4-Chloro-3-methylphenol	8.728	107	452528	38.065	ng 98
37) 2-Methylnaphthalene	8.904	142	990323	38.162	ng 99
38) 1-Methylnaphthalene	9.004	142	1019973	37.710	ng 100
40) 1,2,4,5-Tetrachloroben...	9.069	216	484697	37.622	ng 99
41) Hexachlorocyclopentadiene	9.057	237	284663	35.752	ng 99
43) 2,4,6-Trichlorophenol	9.175	196	285228	35.099	ng 98

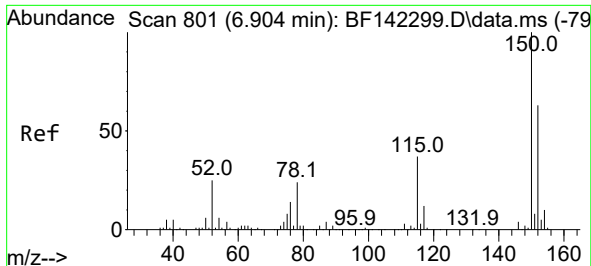
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	326429	37.752	ng	98
46) 1,1'-Biphenyl	9.369	154	1323095	37.408	ng	99
47) 2-Chloronaphthalene	9.392	162	979666	37.245	ng	99
48) 2-Nitroaniline	9.480	65	257854	38.246	ng	99
49) Acenaphthylene	9.810	152	1645302	37.392	ng	99
50) Dimethylphthalate	9.663	163	1111826	37.535	ng	100
51) 2,6-Dinitrotoluene	9.727	165	230546	41.581	ng	94
52) Acenaphthene	9.980	154	972733	36.766	ng	98
53) 3-Nitroaniline	9.898	138	268729	41.326	ng	97
54) 2,4-Dinitrophenol	9.998	184	68032	28.870	ng	# 29
55) Dibenzofuran	10.151	168	1461790	37.437	ng	99
56) 4-Nitrophenol	10.039	139	180394	36.860	ng	99
57) 2,4-Dinitrotoluene	10.127	165	301036	42.328	ng	99
58) Fluorene	10.492	166	1101006	36.948	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	256961	36.000	ng	99
60) Diethylphthalate	10.363	149	1098399	37.132	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	536542	37.321	ng	99
62) 4-Nitroaniline	10.504	138	192261	37.305	ng	99
63) Azobenzene	10.645	77	1059641	37.487	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	101146	30.747	ng	98
66) n-Nitrosodiphenylamine	10.604	169	980951	37.646	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	340382	38.355	ng	99
68) Hexachlorobenzene	11.039	284	374906	38.405	ng	99
69) Atrazine	11.127	200	268719	39.122	ng	100
70) Pentachlorophenol	11.233	266	182650	35.567	ng	98
71) Phenanthrene	11.457	178	1514031	36.886	ng	100
72) Anthracene	11.510	178	1574057	37.323	ng	100
73) Carbazole	11.663	167	1405022	37.133	ng	100
74) Di-n-butylphthalate	11.992	149	1524892	38.326	ng	100
75) Fluoranthene	12.645	202	1491288	36.346	ng	100
77) Benzidine	12.768	184	387705	50.036	ng	99
78) Pyrene	12.874	202	1495202	39.398	ng	100
80) Butylbenzylphthalate	13.492	149	330163	31.197	ng	96
81) Benzo(a)anthracene	14.062	228	1062341	38.473	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	262229	40.837	ng	99
83) Chrysene	14.098	228	982428	38.219	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	462415	33.467	ng	100
85) Di-n-octyl phthalate	14.668	149	800857	33.606	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1218906	40.525	ng	100
88) Benzo(b)fluoranthene	15.121	252	958783	36.612	ng	100
89) Benzo(k)fluoranthene	15.157	252	920053	38.392	ng	100
90) Benzo(a)pyrene	15.504	252	922025	39.291	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	1002556	40.346	ng	99
92) Benzo(g,h,i)perylene	17.533	276	993728	40.293	ng	99

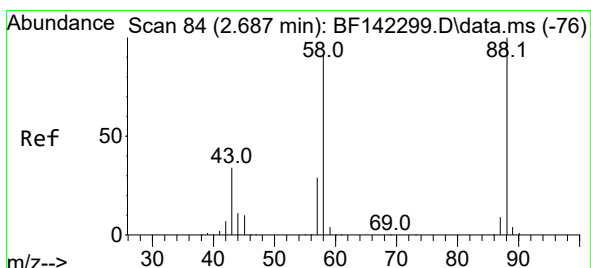
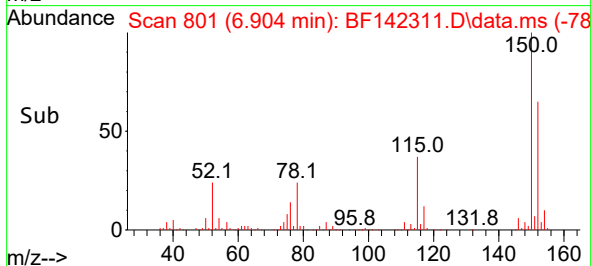
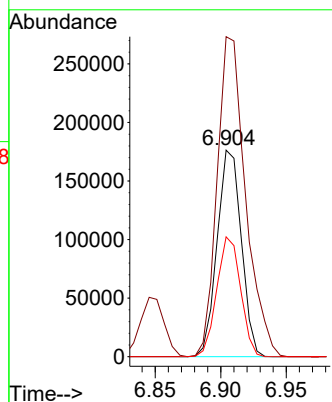
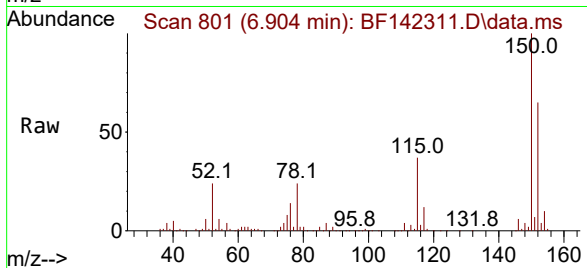
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142311.D
 Acq: 12 May 2025 10:47

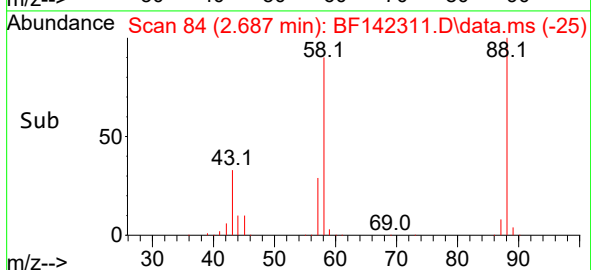
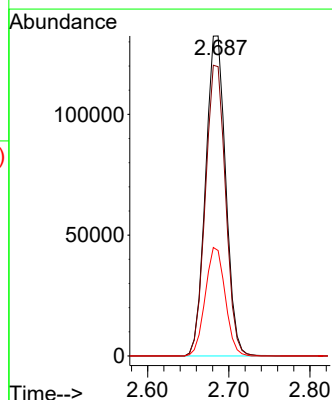
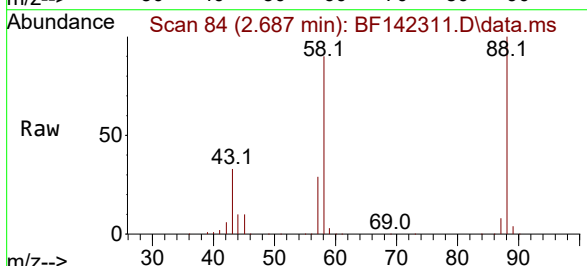
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

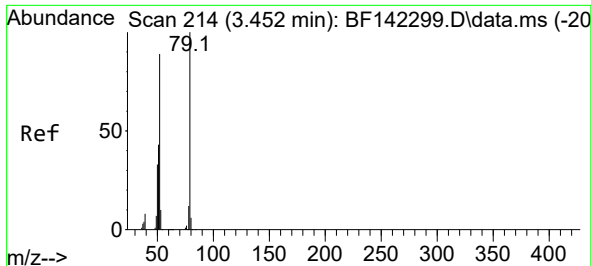
Tgt Ion:152 Resp: 226036
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.6 190.0
 115 58.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 38.239 ng
 RT: 2.687 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BF142311.D
 Acq: 12 May 2025 10:47

Tgt Ion: 88 Resp: 228009
 Ion Ratio Lower Upper
 88 100
 58 90.9 73.0 109.4
 43 33.6 27.8 41.6

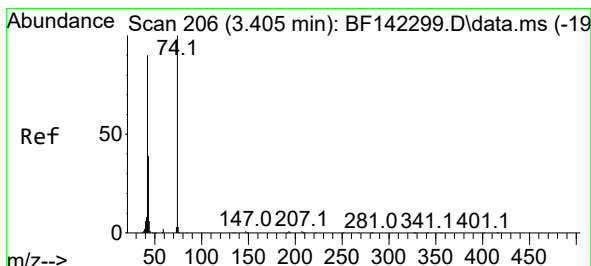
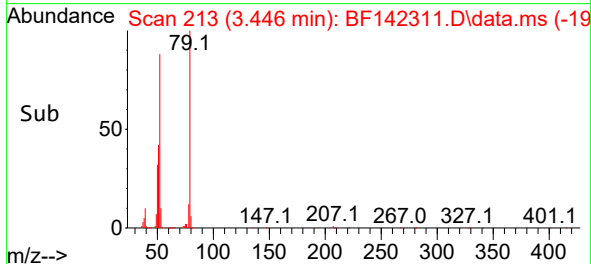
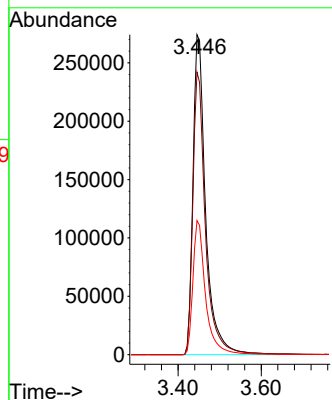
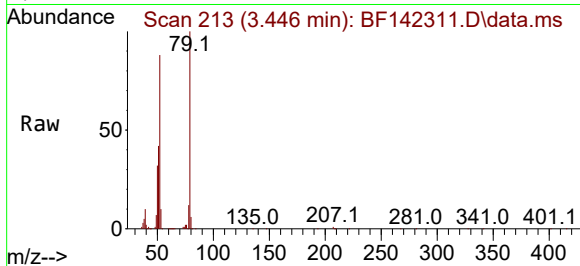




#3
Pyridine
Concen: 41.549 ng
RT: 3.446 min Scan# 214
Delta R.T. -0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

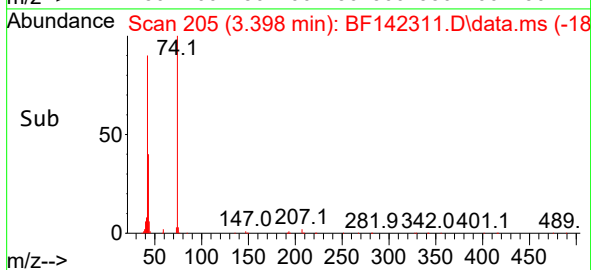
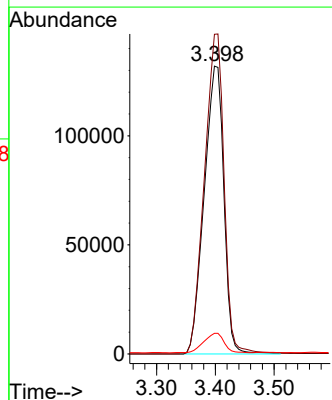
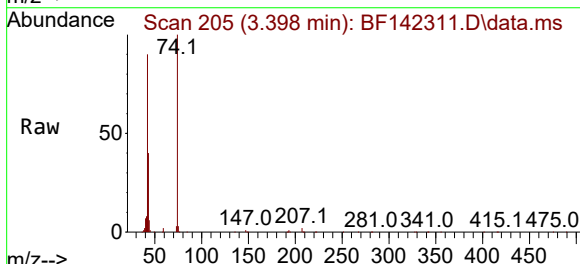
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ClientSampleId :
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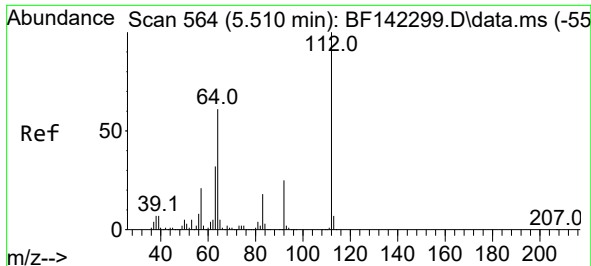
Tgt Ion: 79 Resp: 581665
Ion Ratio Lower Upper
79 100
52 88.2 71.0 106.4
51 41.9 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 37.683 ng
RT: 3.398 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion: 42 Resp: 306604
Ion Ratio Lower Upper
42 100
74 111.1 88.5 132.7
44 7.2 5.8 8.8

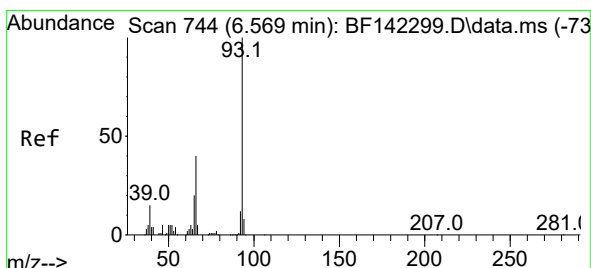
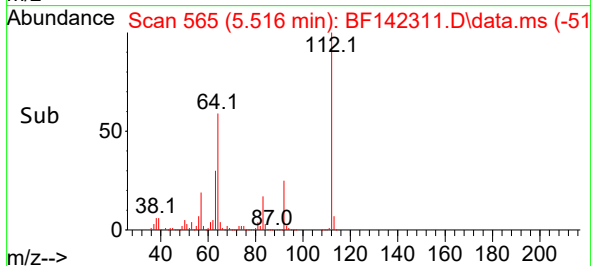
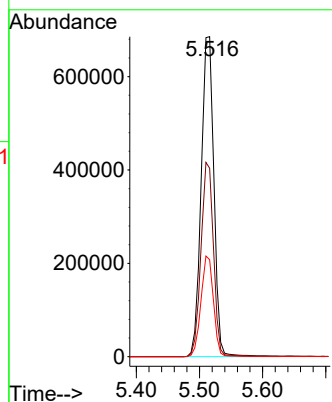
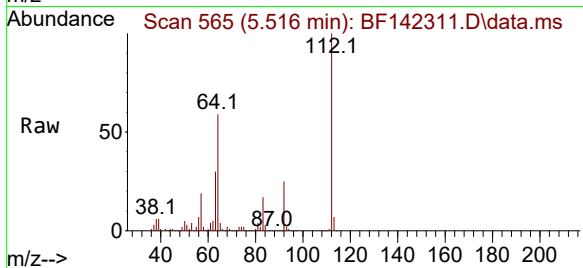




#5
2-Fluorophenol
Concen: 72.602 ng
RT: 5.516 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

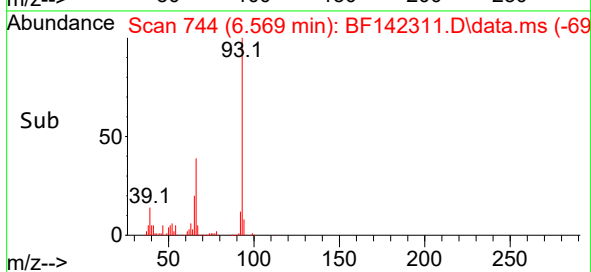
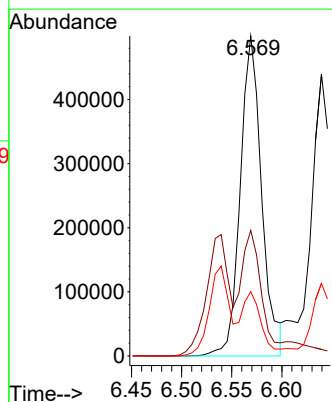
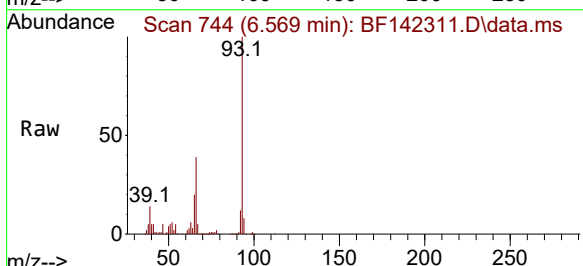
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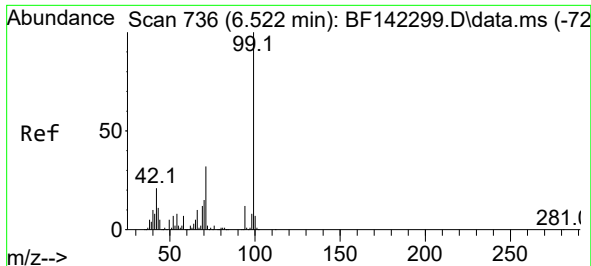
Tgt Ion:112 Resp: 961326
Ion Ratio Lower Upper
112 100
64 58.9 48.9 73.3
63 30.3 25.6 38.4



#6
Aniline
Concen: 46.451 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion: 93 Resp: 741992
Ion Ratio Lower Upper
93 100
66 39.3 32.2 48.4
65 20.1 16.3 24.5





#7
Phenol-d6
Concen: 73.503 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Instrument :

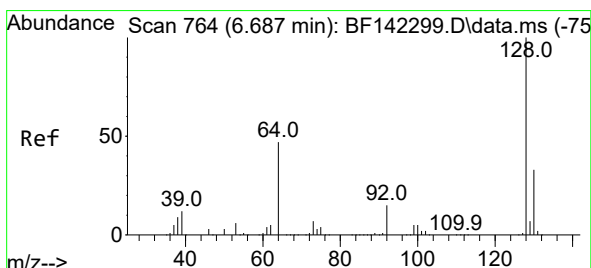
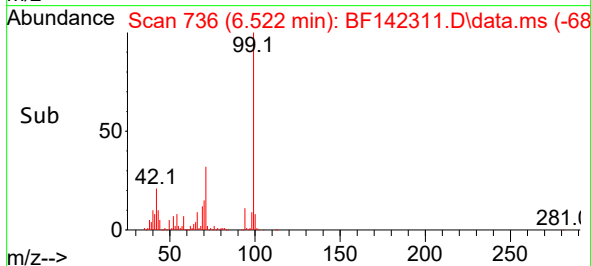
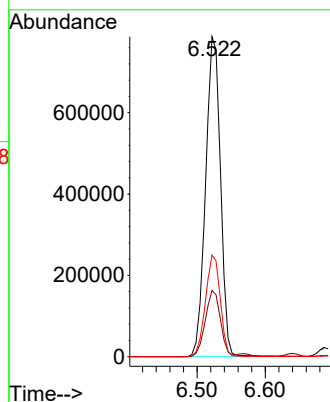
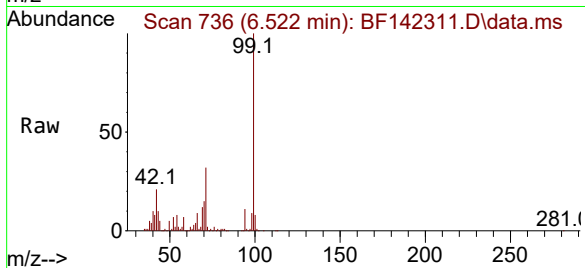
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1197038

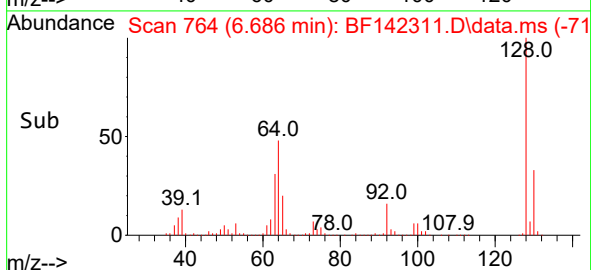
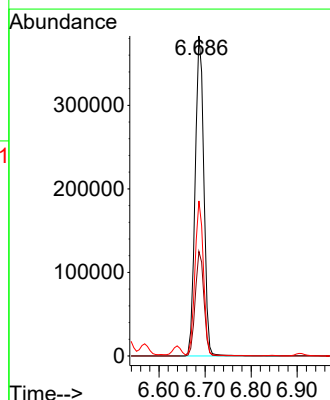
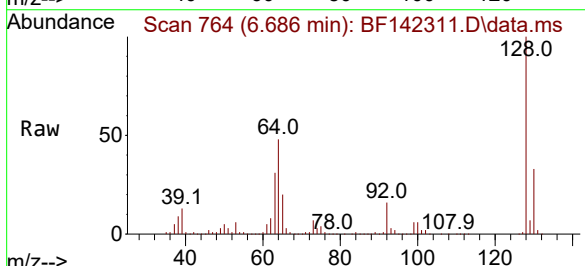
Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.4
71	31.8	25.8	38.8

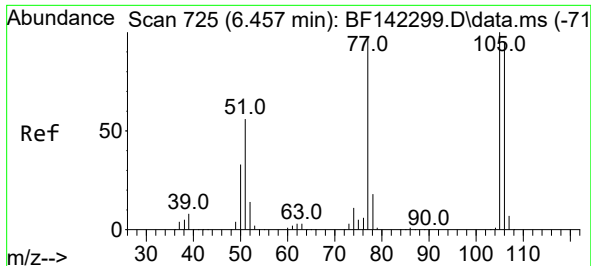


#8
2-Chlorophenol
Concen: 35.321 ng
RT: 6.686 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142311.D
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Tgt Ion:128 Resp: 499773

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	48.4	29.2	69.2

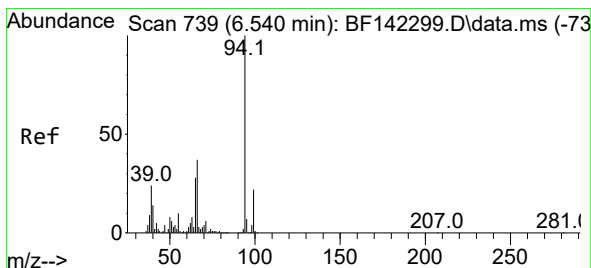
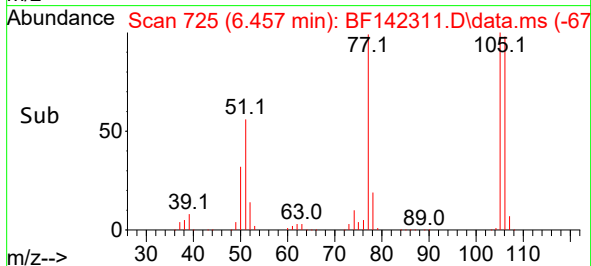
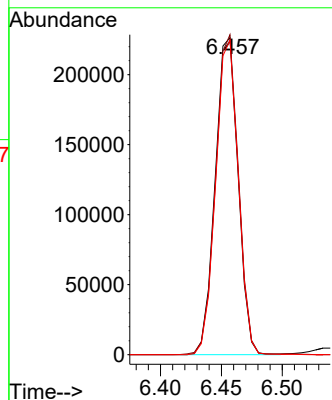
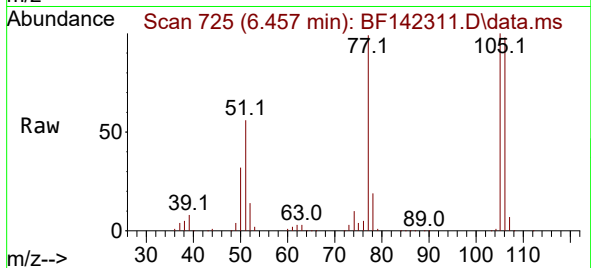




#9
Benzaldehyde
Concen: 31.061 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

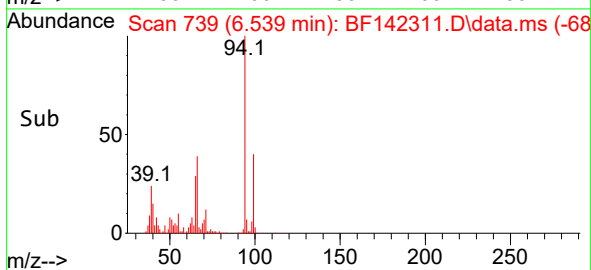
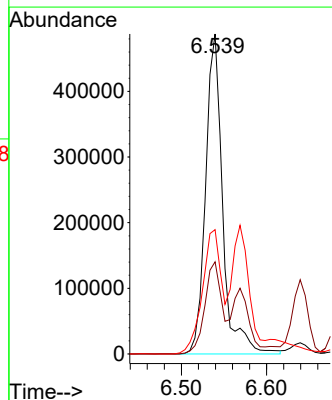
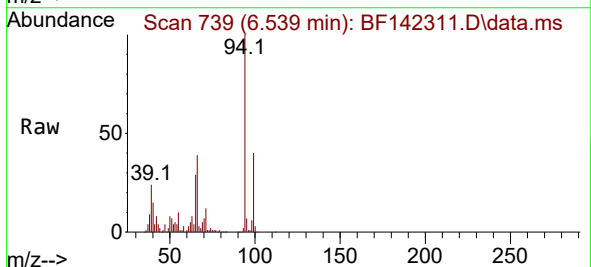
Instrument :
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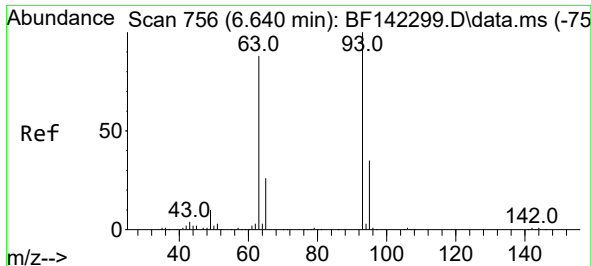
Tgt Ion: 77 Resp: 296061
Ion Ratio Lower Upper
77 100
105 101.0 82.0 122.0
106 99.3 77.2 117.2



#10
Phenol
Concen: 39.309 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion: 94 Resp: 678588
Ion Ratio Lower Upper
94 100
65 28.8 8.5 48.5
66 38.9 17.3 57.3

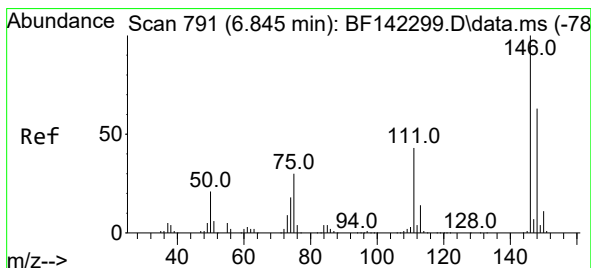
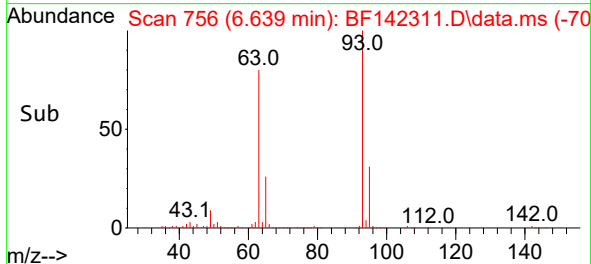
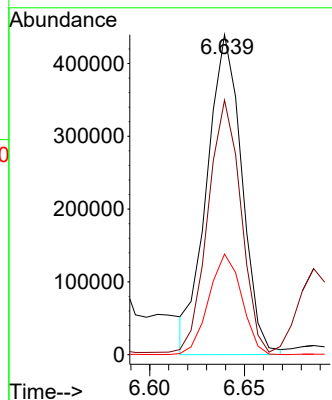
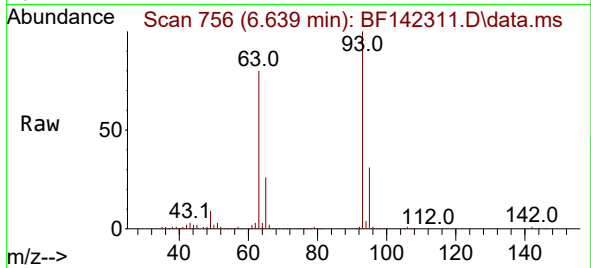




#11
bis(2-Chloroethyl)ether
Concen: 33.155 ng
RT: 6.639 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

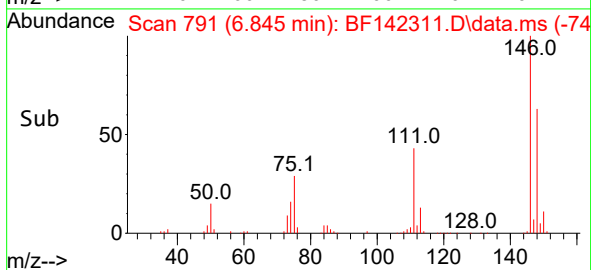
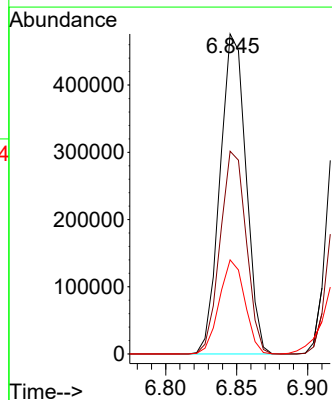
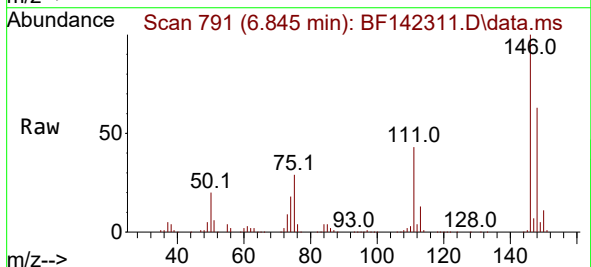
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

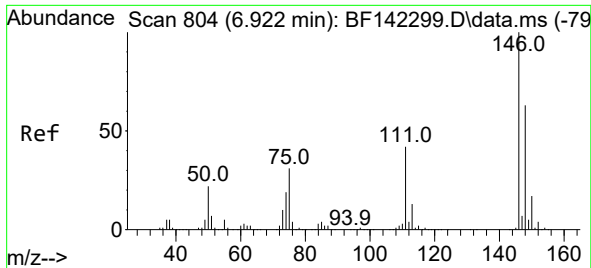
Tgt Ion: 93 Resp: 564411
Ion Ratio Lower Upper
93 100
63 79.6 58.4 98.4
95 31.5 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 37.387 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:146 Resp: 605214
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
75 29.4 24.2 36.4

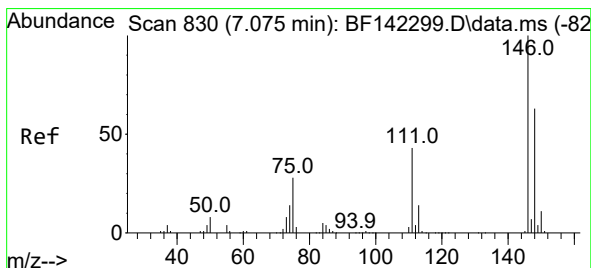
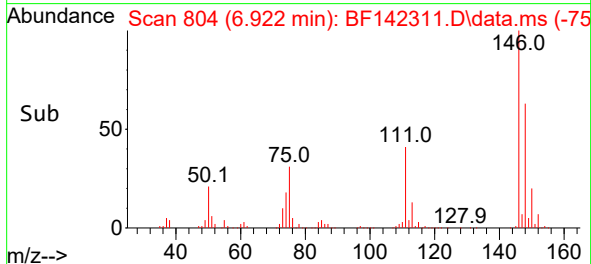
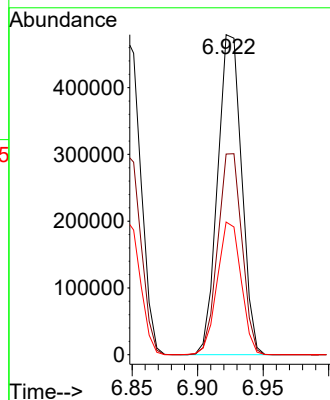
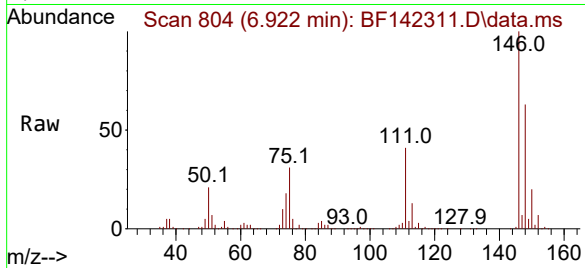




#13
1,4-Dichlorobenzene
Concen: 37.503 ng
RT: 6.922 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

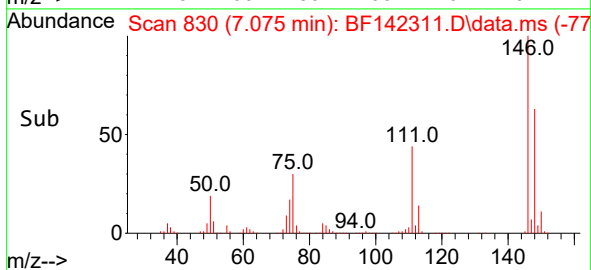
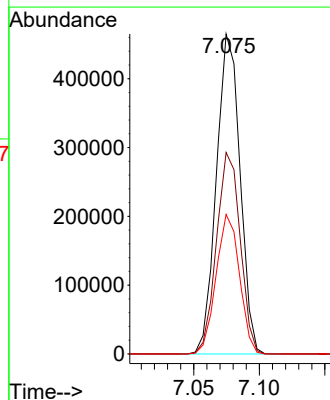
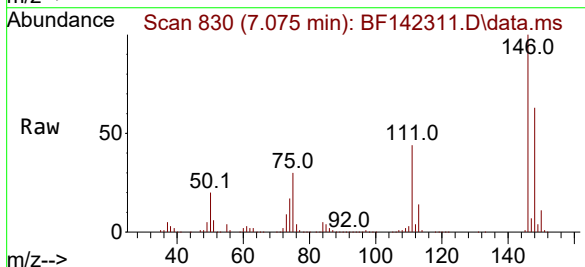
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

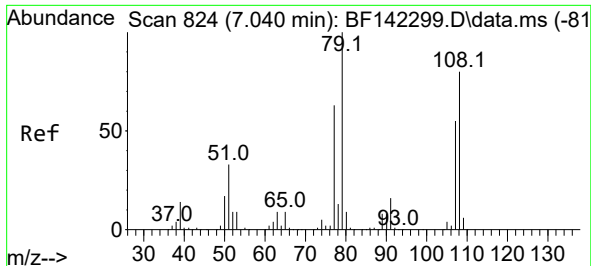
Tgt Ion:146 Resp: 609547
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 41.5 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 37.307 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:146 Resp: 582029
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 43.6 34.5 51.7





#15

Benzyl Alcohol

Concen: 38.787 ng

RT: 7.045 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

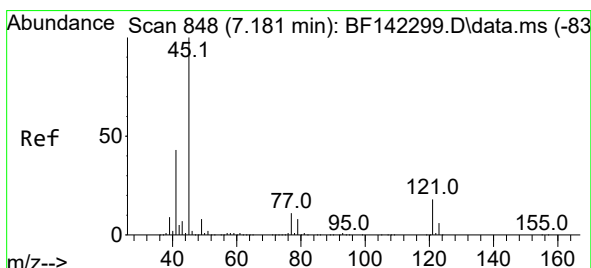
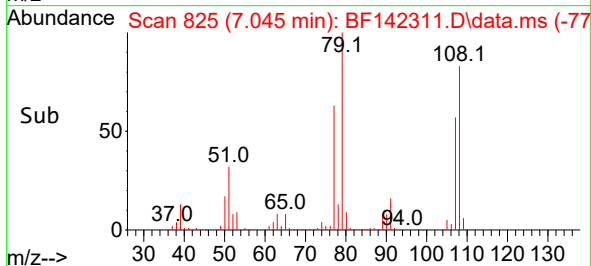
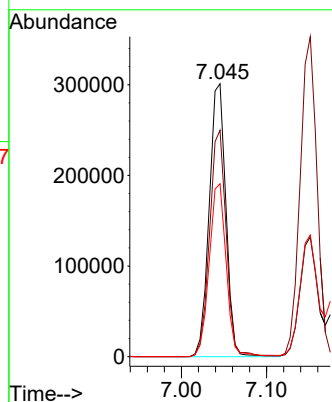
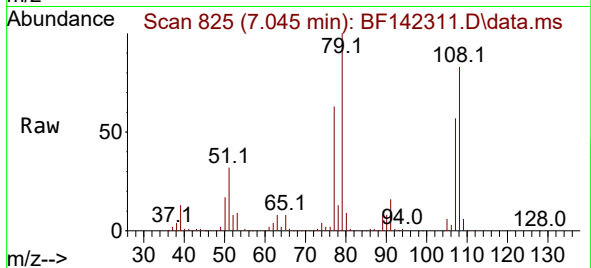
Tgt Ion: 79 Resp: 409030

Ion Ratio Lower Upper

79 100

108 82.9 63.9 95.9

77 63.3 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.780 ng

RT: 7.181 min Scan# 848

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

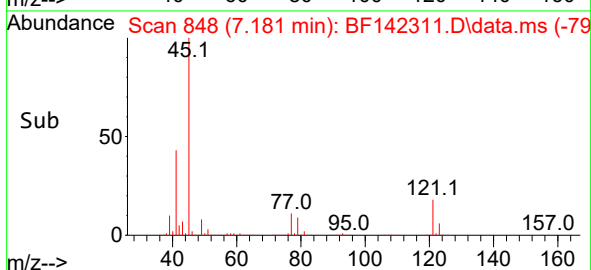
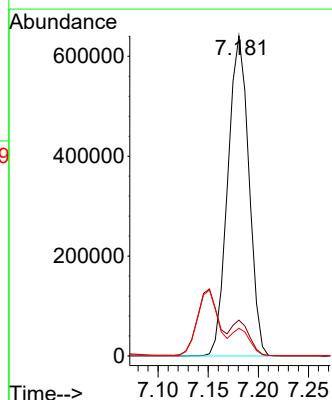
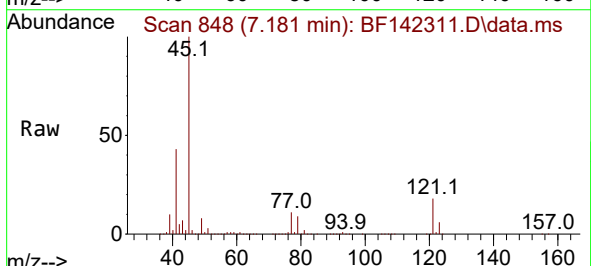
Tgt Ion: 45 Resp: 935009

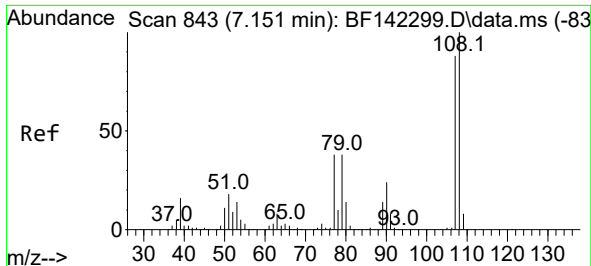
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.2

79 8.7 0.0 28.5



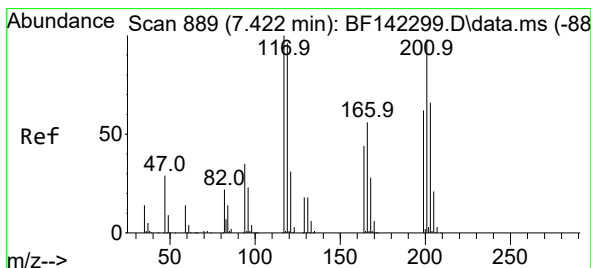
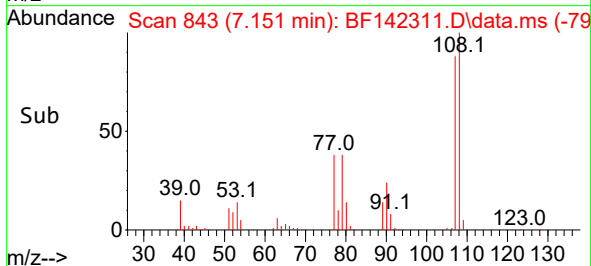
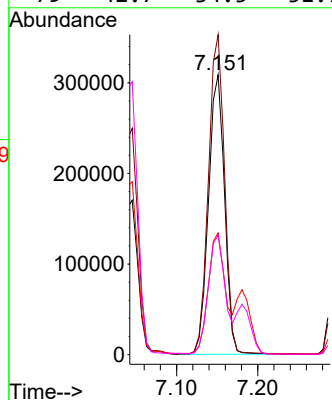
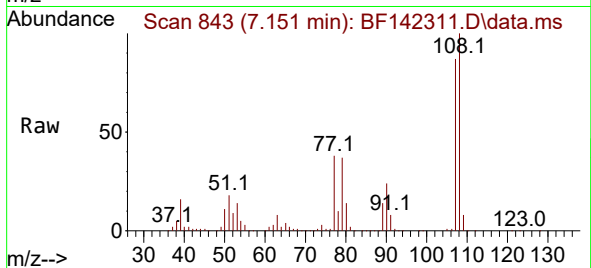


#17
2-Methylphenol
Concen: 36.964 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 423442

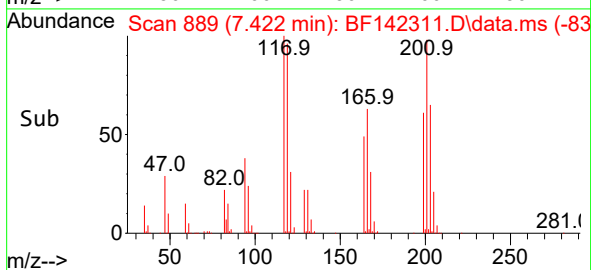
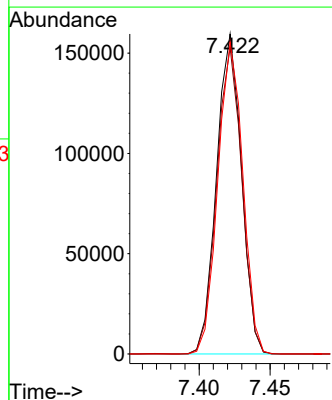
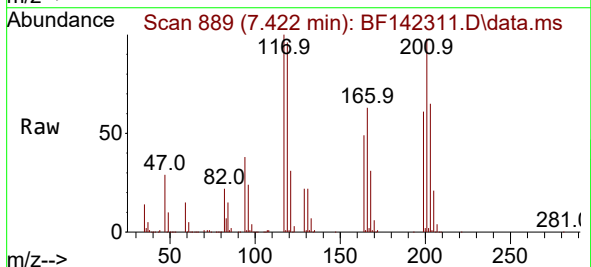
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.1	136.7
77	43.5	34.7	52.1
79	42.7	34.5	51.7

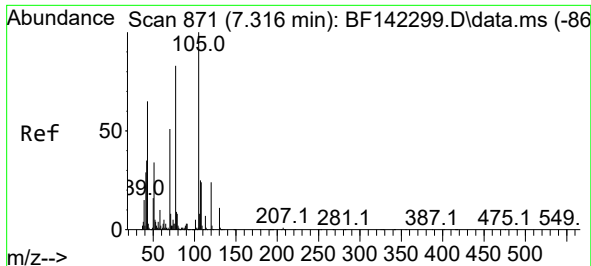


#18
Hexachloroethane
Concen: 36.093 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:117 Resp: 195187

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	97.5	78.0	117.0

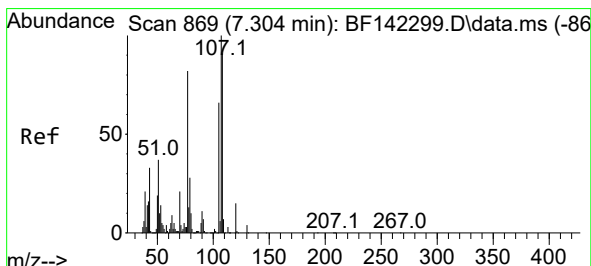
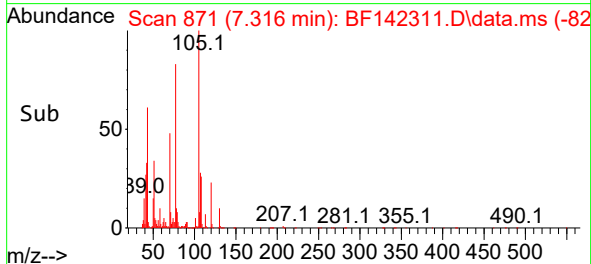
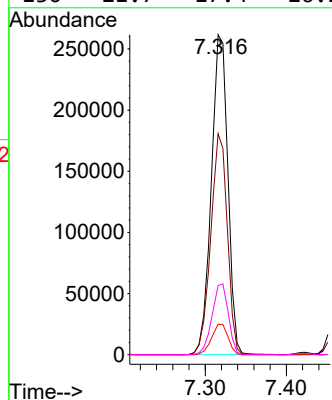
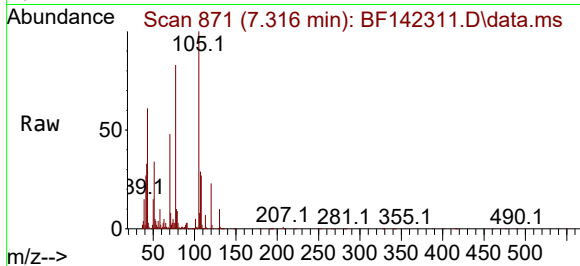




#19
n-Nitroso-di-n-propylamine
Concen: 36.699 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

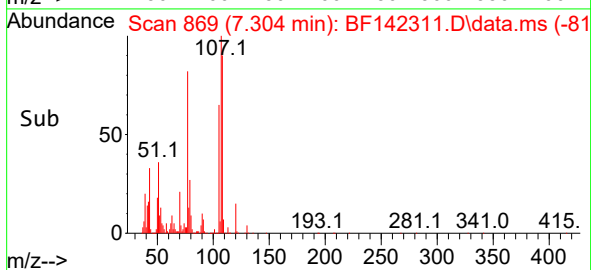
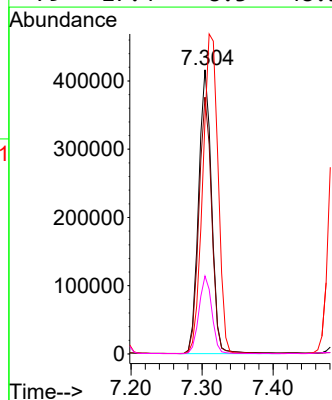
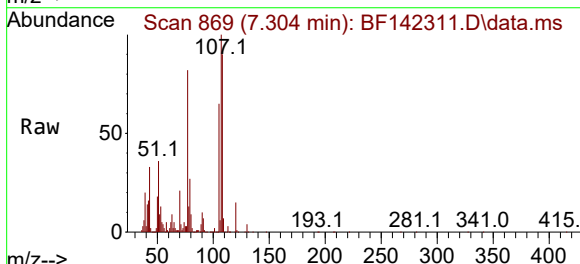
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

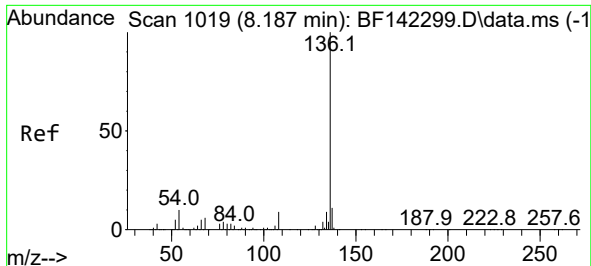
Tgt Ion: 70 Resp: 369696
Ion Ratio Lower Upper
70 100
42 69.1 54.8 82.2
101 9.5 7.7 11.5
130 21.7 17.4 26.2



#20
3+4-Methylphenols
Concen: 36.944 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion: 107 Resp: 528183
Ion Ratio Lower Upper
107 100
108 90.4 71.5 111.5
77 82.1 61.6 101.6
79 27.4 8.3 48.3

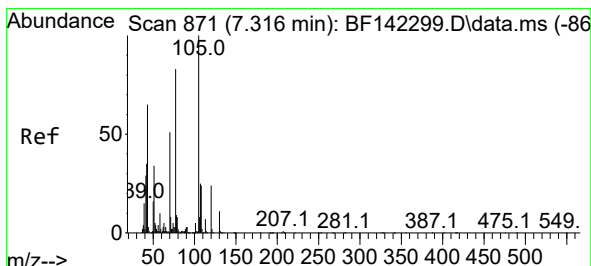
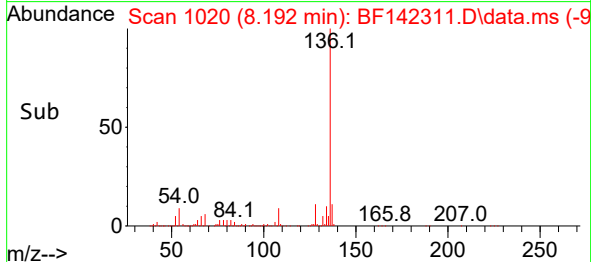
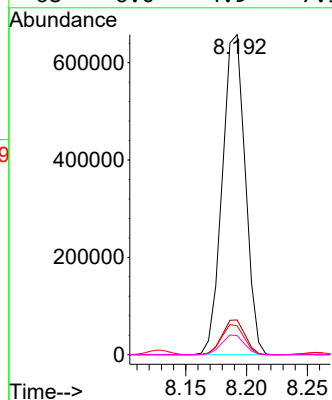
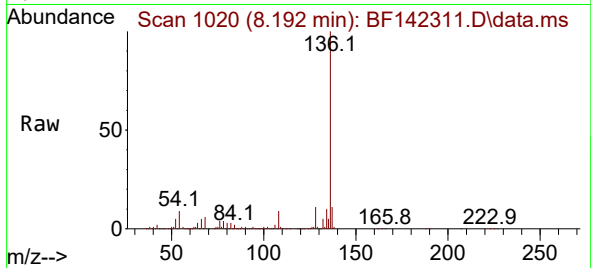




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

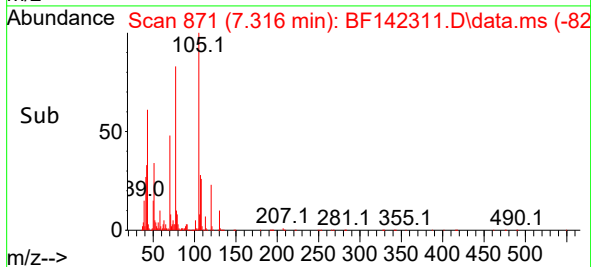
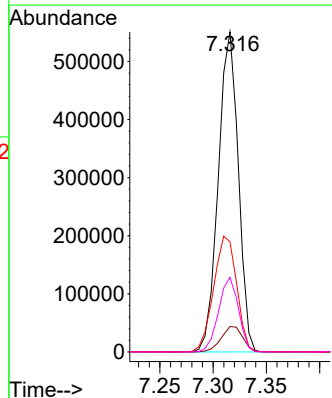
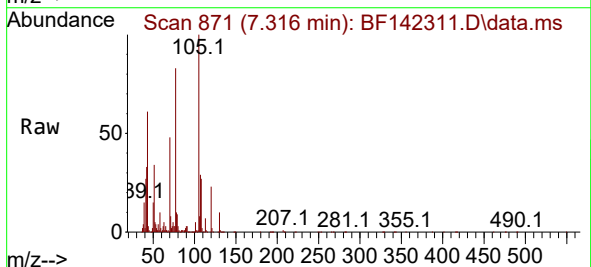
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

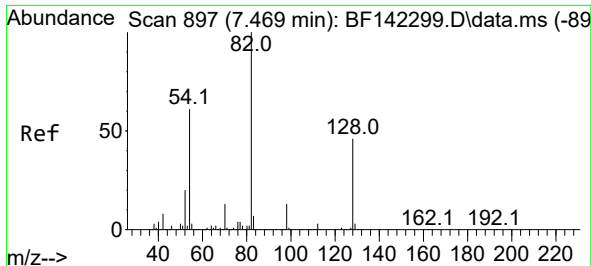
Tgt Ion:136	Resp: 861695
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 9.1	7.7 11.5
68 6.0	4.9 7.3



#22
Acetophenone
Concen: 37.518 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt	Ion:105	Resp:	718820
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.7	10.1
51	34.4	27.6	41.4
120	23.3	19.1	28.7





#23

Nitrobenzene-d5

Concen: 80.118 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

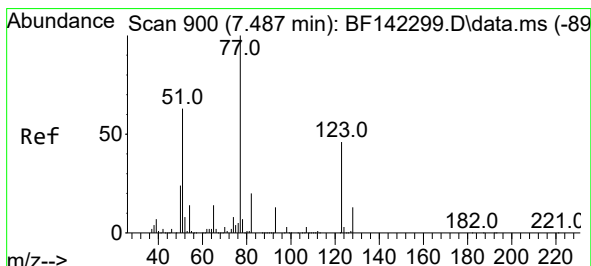
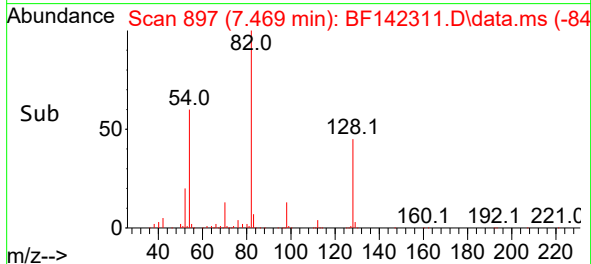
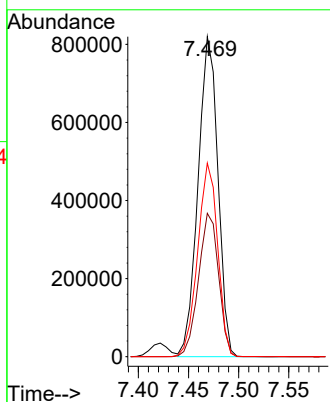
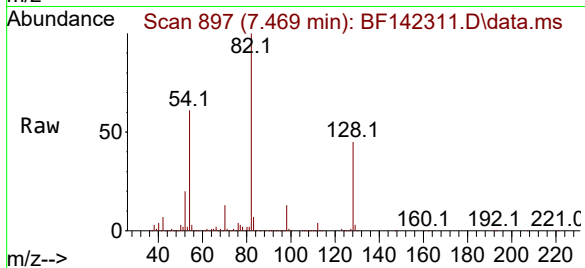
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1131993

Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.0	55.6
54	60.5	48.6	73.0



#24

Nitrobenzene

Concen: 40.528 ng

RT: 7.486 min Scan# 900

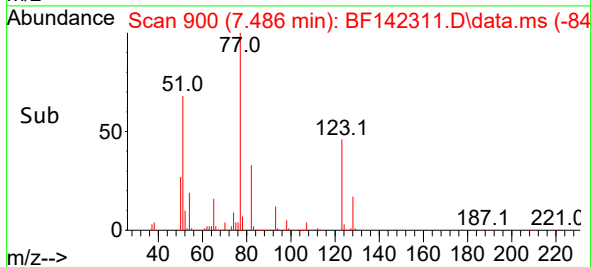
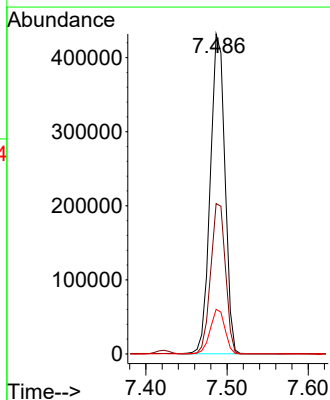
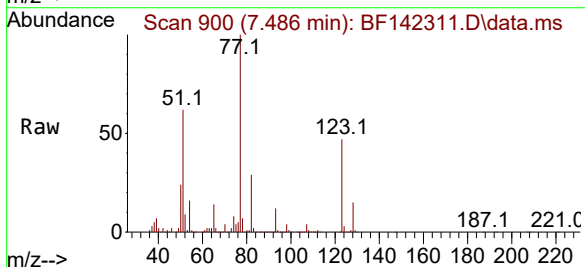
Delta R.T. -0.000 min

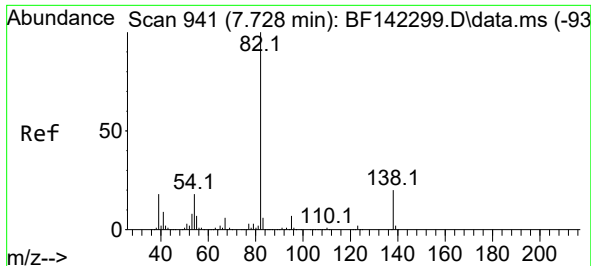
Lab File: BF142311.D

Acq: 12 May 2025 10:47

Tgt Ion: 77 Resp: 539770

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.8	56.8
65	13.9	11.4	17.0

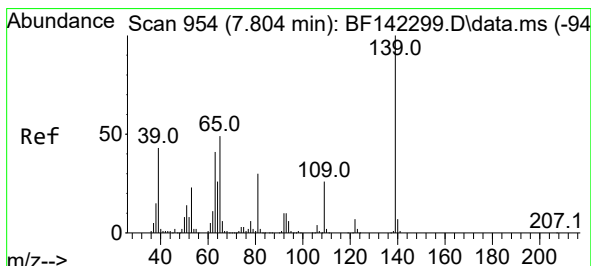
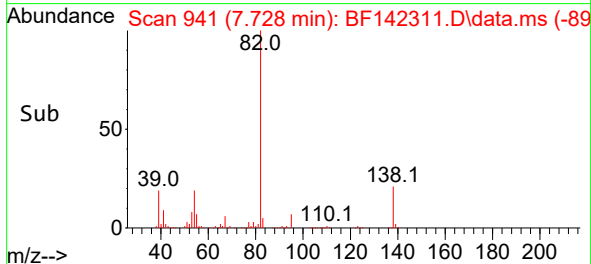
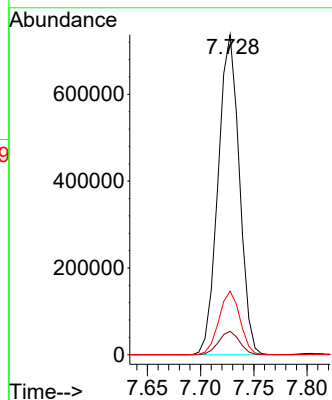
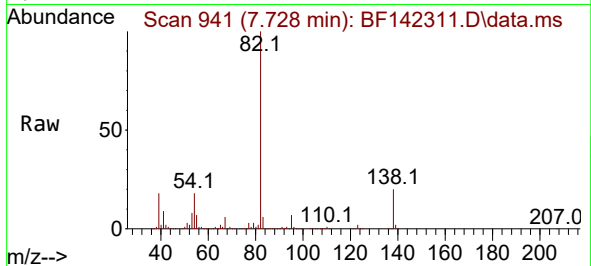




#25
Isophorone
Concen: 38.125 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

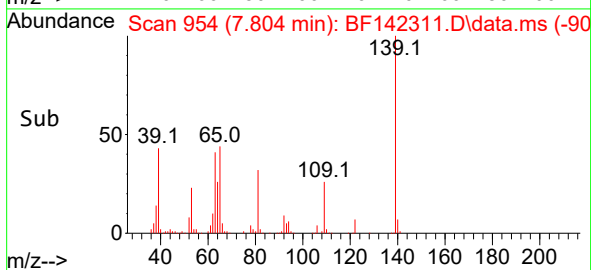
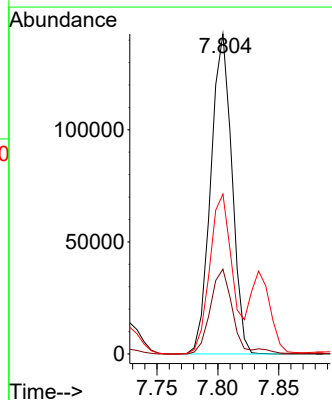
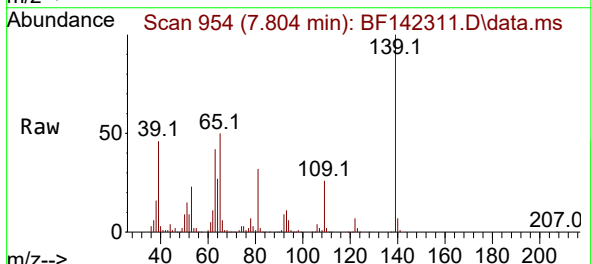
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

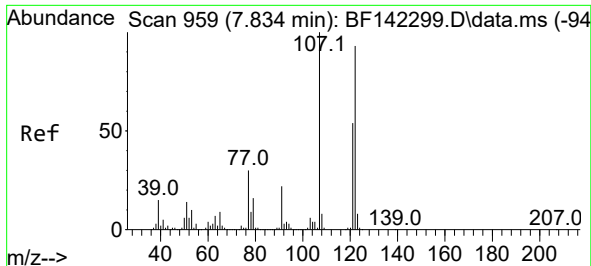
Tgt Ion: 82 Resp: 1020042
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 19.9 16.1 24.1



#26
2-Nitrophenol
Concen: 28.633 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:139 Resp: 172239
Ion Ratio Lower Upper
139 100
109 26.5 20.8 31.2
65 50.0 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 36.661 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142311.D

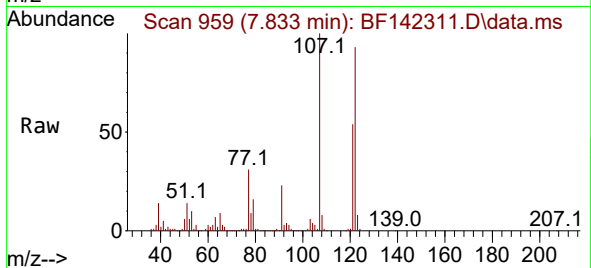
Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



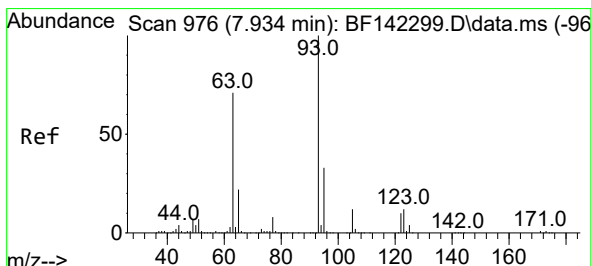
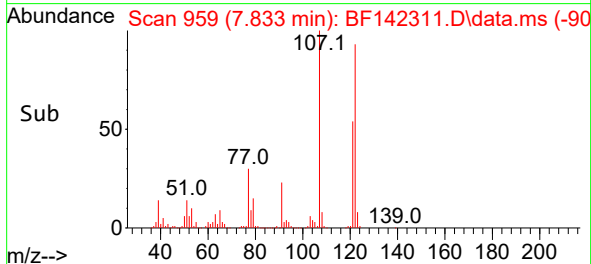
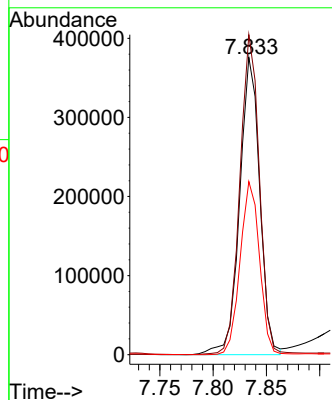
Tgt Ion:122 Resp: 493156

Ion Ratio Lower Upper

122 100

107 107.6 86.0 129.0

121 58.2 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.506 ng

RT: 7.933 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

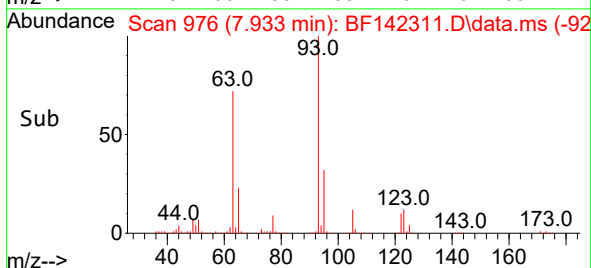
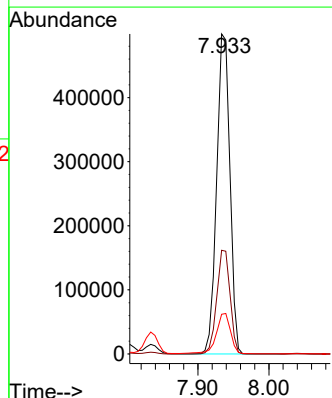
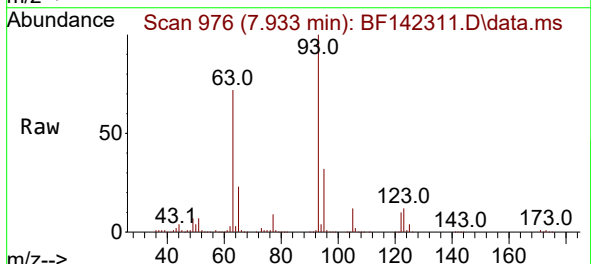
Tgt Ion: 93 Resp: 645263

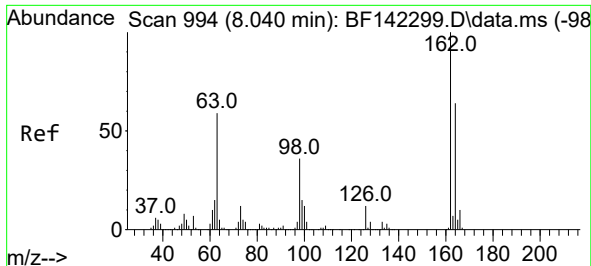
Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.674 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

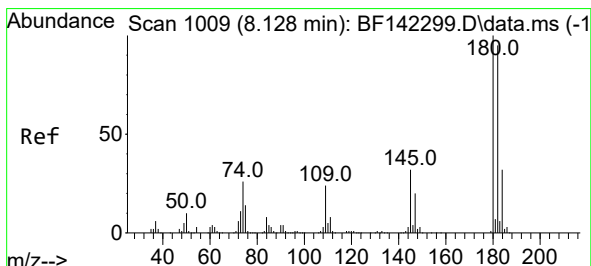
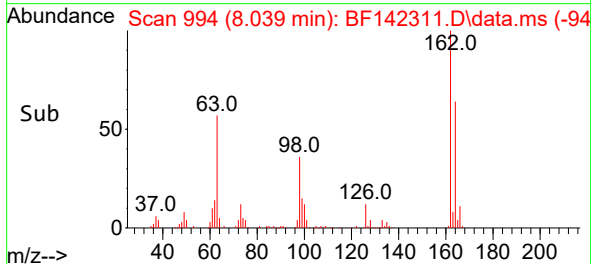
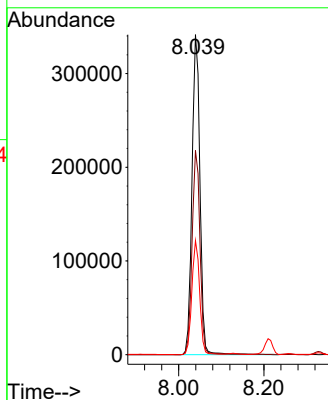
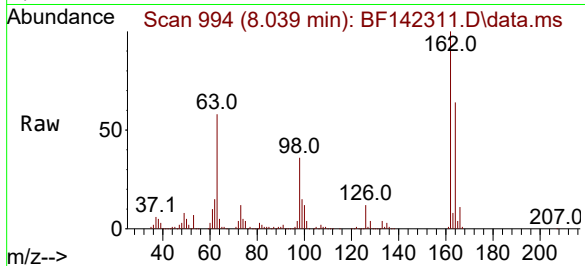
Tgt Ion:162 Resp: 442297

Ion Ratio Lower Upper

162 100

164 63.8 43.6 83.6

98 35.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 38.450 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

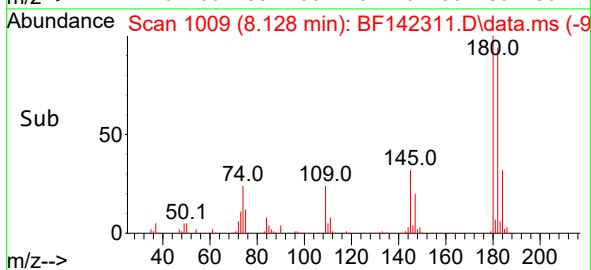
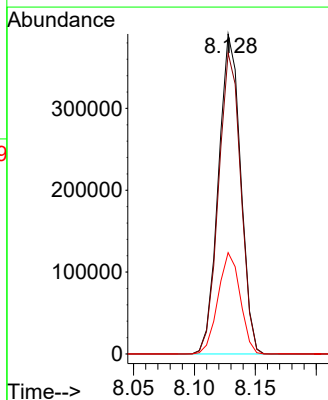
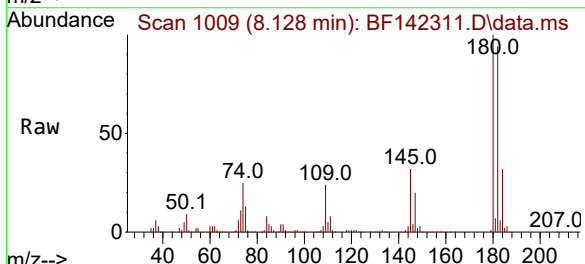
Tgt Ion:180 Resp: 494889

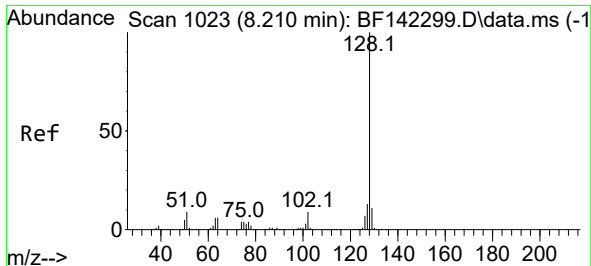
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.4

145 31.6 25.8 38.6

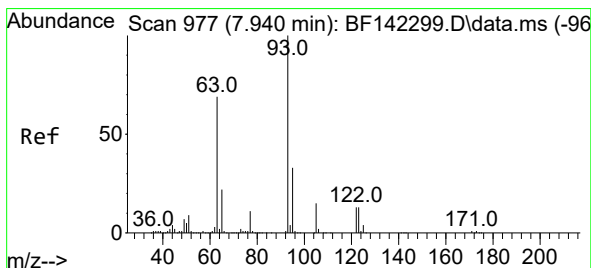
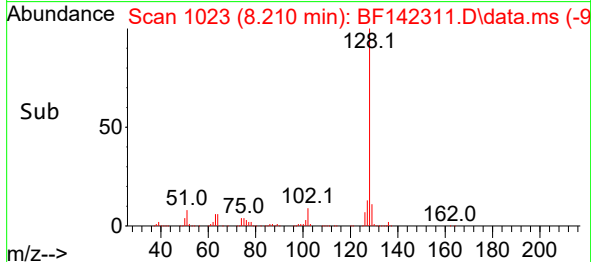
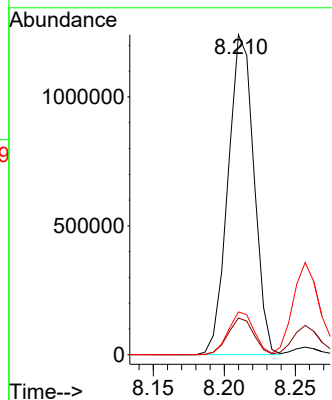
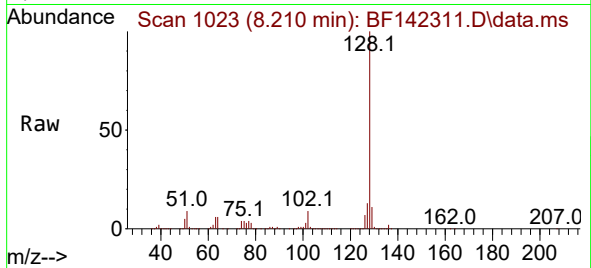




#31
Naphthalene
Concen: 37.722 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

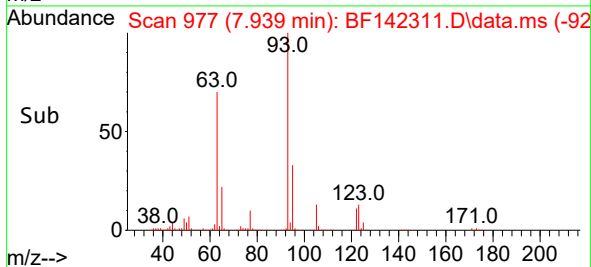
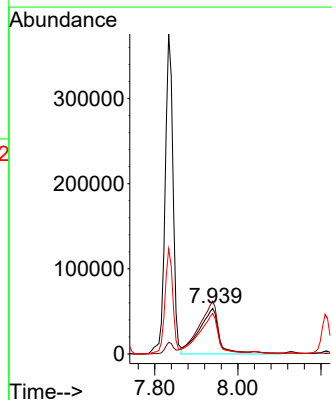
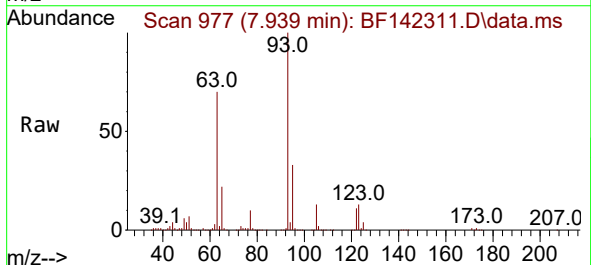
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

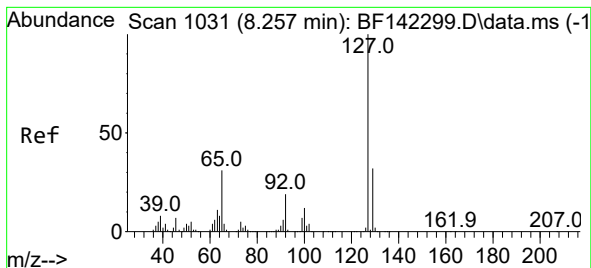
Tgt Ion:128 Resp: 1575374
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 29.823 ng m
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:122 Resp: 183872
Ion Ratio Lower Upper
122 100
105 115.9 97.9 137.9
77 88.9 67.7 107.7





#33

4-Chloroaniline

Concen: 40.055 ng m

RT: 8.257 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 682578

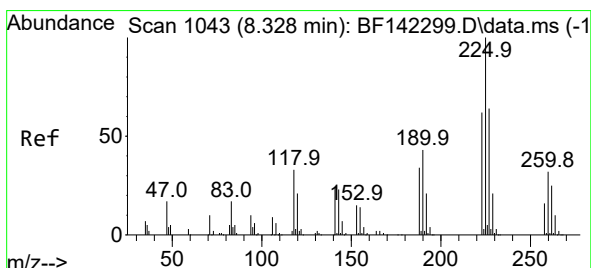
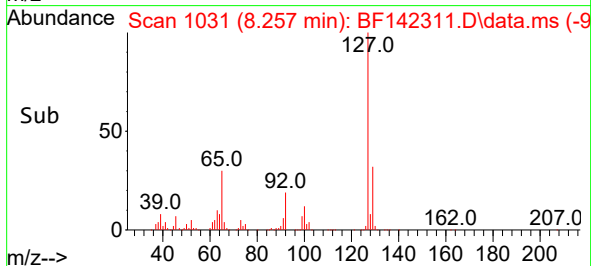
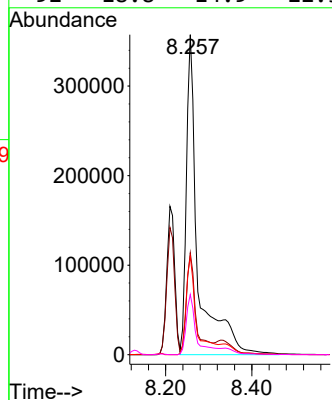
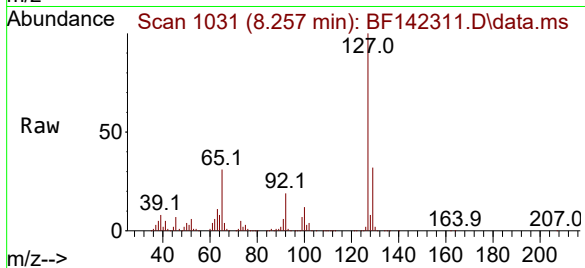
Ion Ratio Lower Upper

127 100

129 31.8 25.7 38.5

65 30.8 24.9 37.3

92 18.8 14.9 22.3



#34

Hexachlorobutadiene

Concen: 38.665 ng

RT: 8.328 min Scan# 1043

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

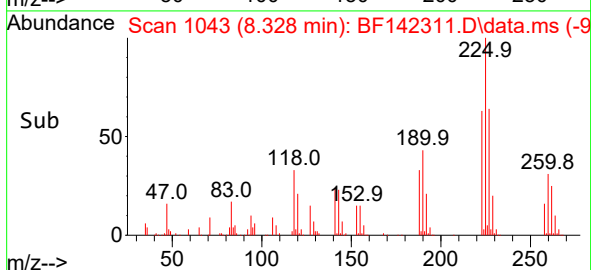
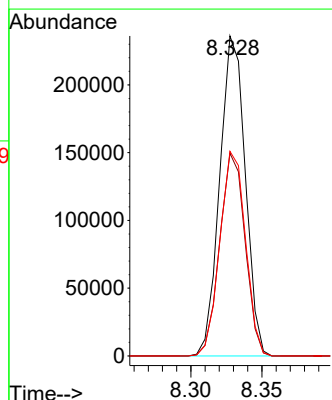
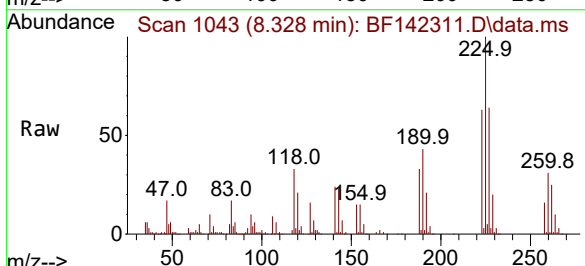
Tgt Ion:225 Resp: 294678

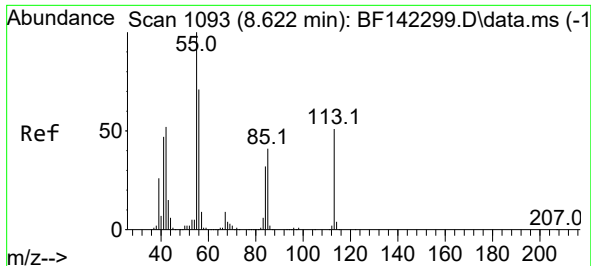
Ion Ratio Lower Upper

225 100

223 63.4 49.8 74.6

227 64.0 50.9 76.3

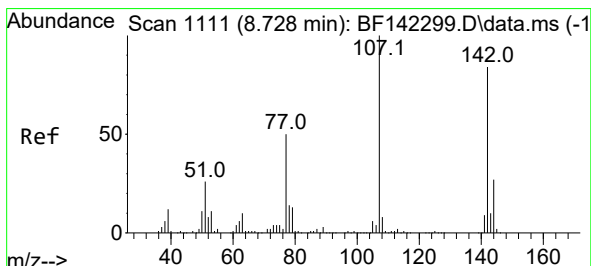
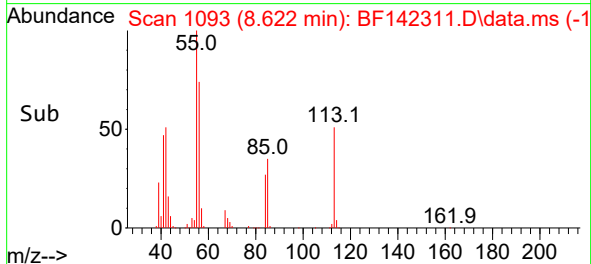
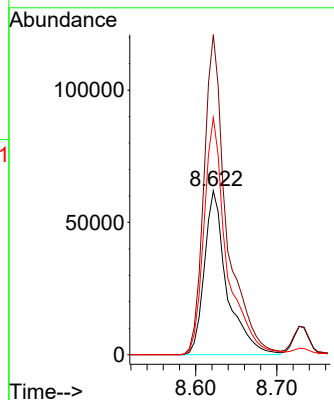
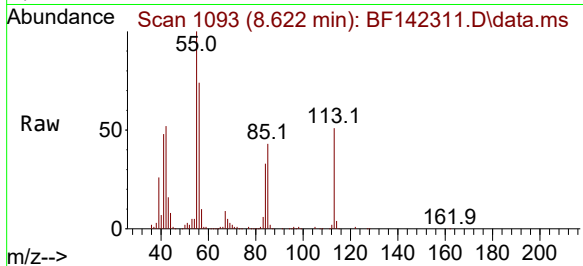




#35
 Caprolactam
 Concen: 35.820 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF142311.D
 Acq: 12 May 2025 10:47

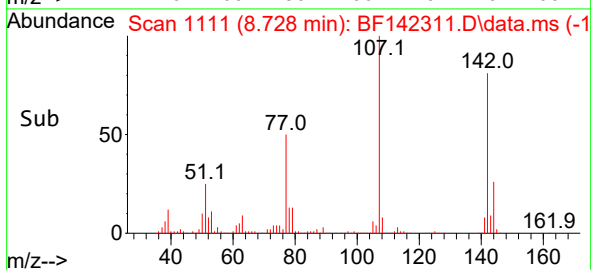
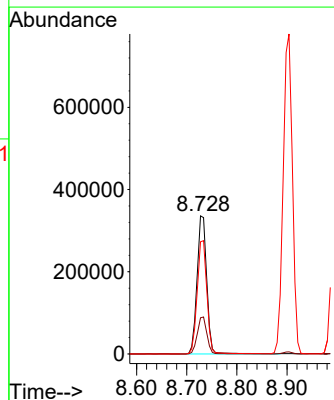
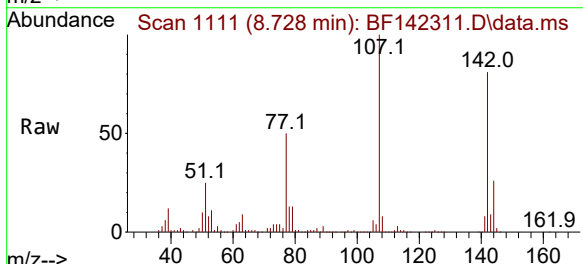
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

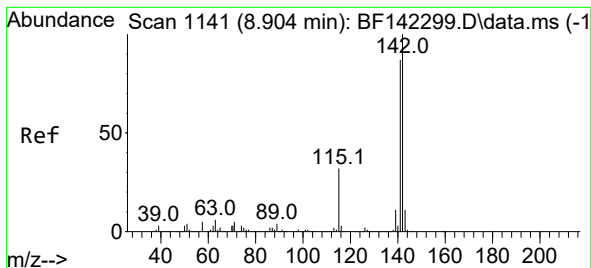
Tgt Ion:113 Resp: 119393
 Ion Ratio Lower Upper
 113 100
 55 195.2 176.4 216.4
 56 144.5 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.065 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142311.D
 Acq: 12 May 2025 10:47

Tgt Ion:107 Resp: 452528
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.3 31.9
 142 81.3 66.9 100.3





#37

2-Methylnaphthalene

Concen: 38.162 ng

RT: 8.904 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

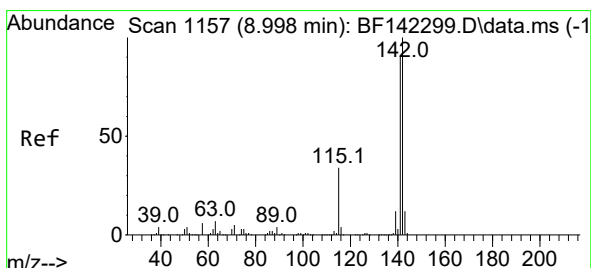
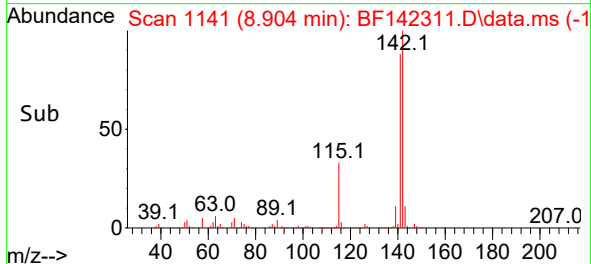
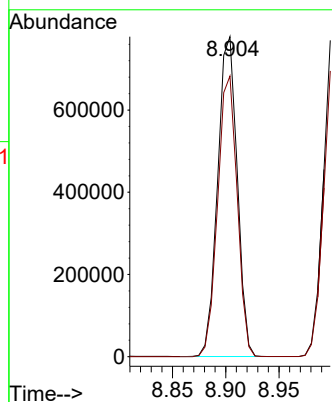
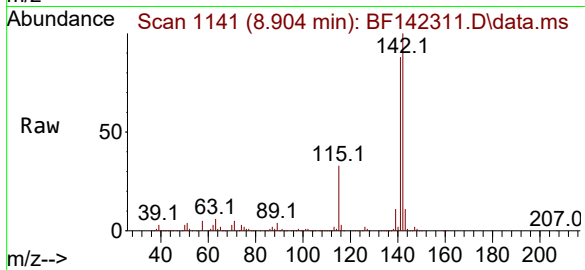
SSTDCCC040

Tgt Ion:142 Resp: 990323

Ion Ratio Lower Upper

142 100

141 87.7 69.4 104.2



#38

1-Methylnaphthalene

Concen: 37.710 ng

RT: 9.004 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF142311.D

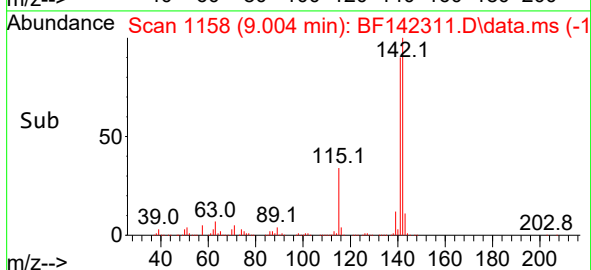
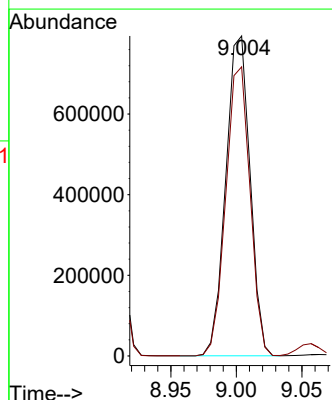
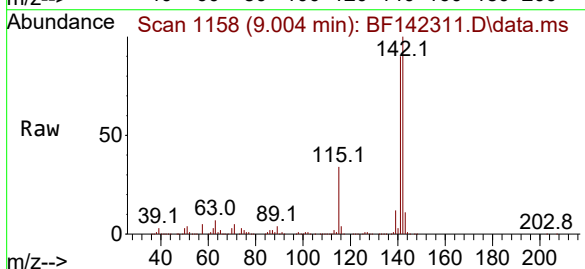
Acq: 12 May 2025 10:47

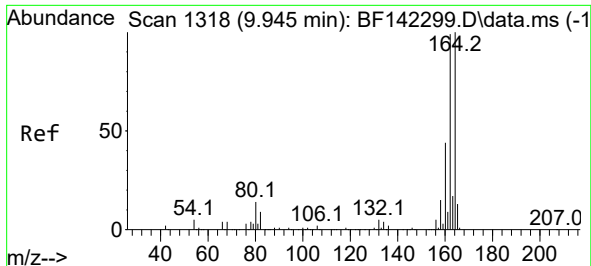
Tgt Ion:142 Resp: 1019973

Ion Ratio Lower Upper

142 100

141 90.4 72.5 108.7

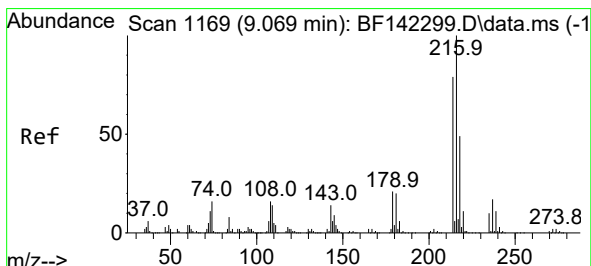
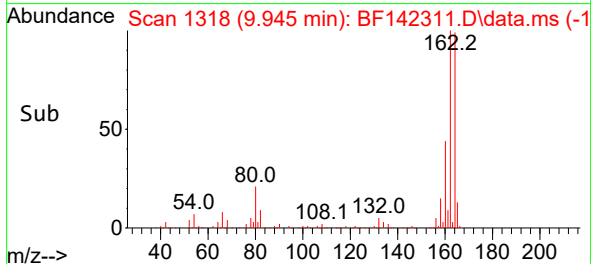
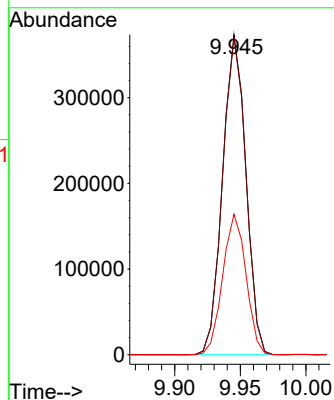
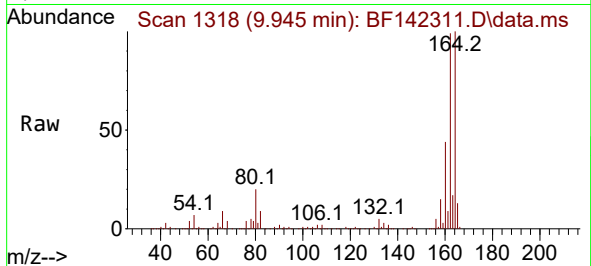




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

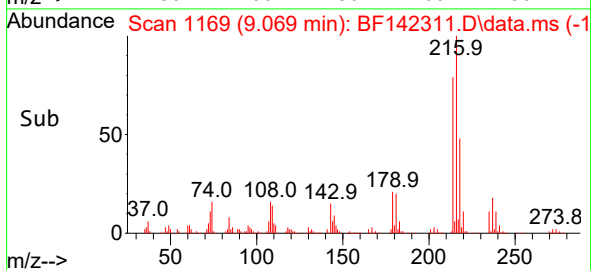
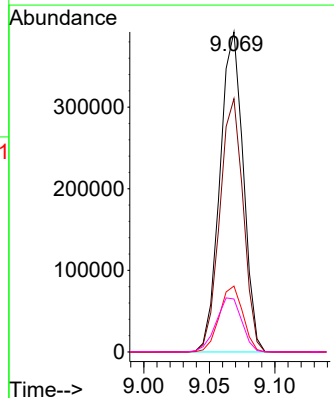
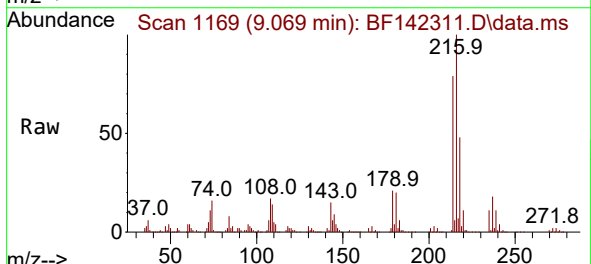
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

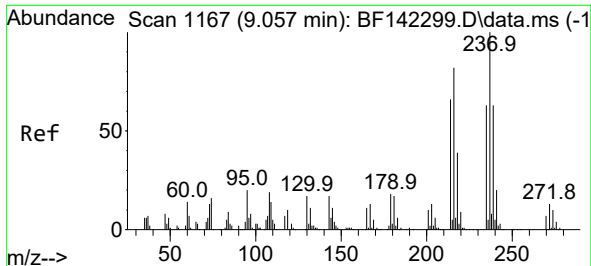
Tgt Ion:164 Resp: 461291
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 43.9 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.622 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:216 Resp: 484697
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 20.8 17.0 25.6
108 18.6 15.0 22.6

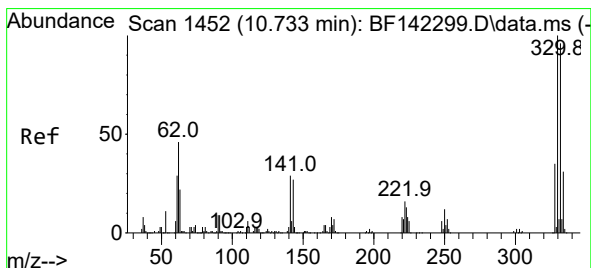
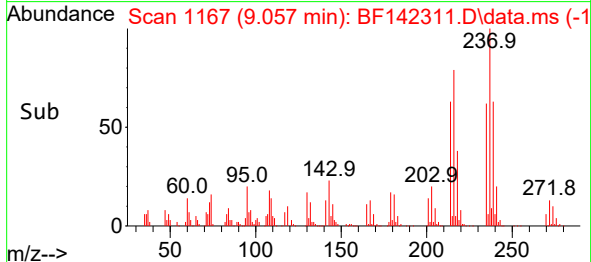
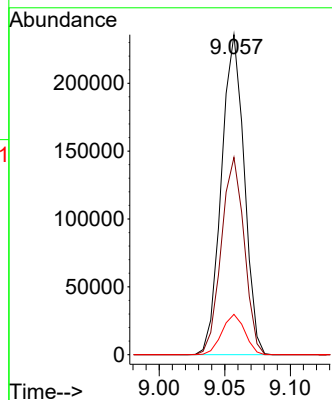
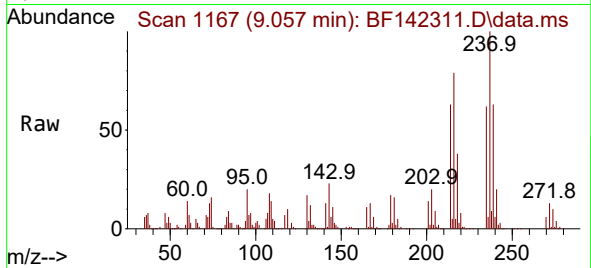




#41
Hexachlorocyclopentadiene
Concen: 35.752 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

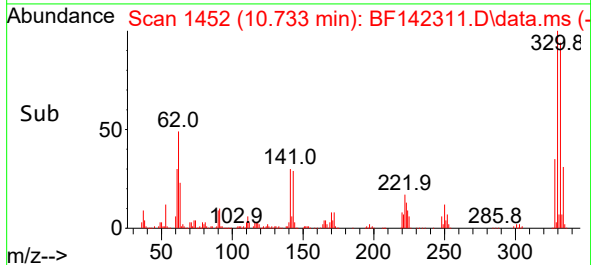
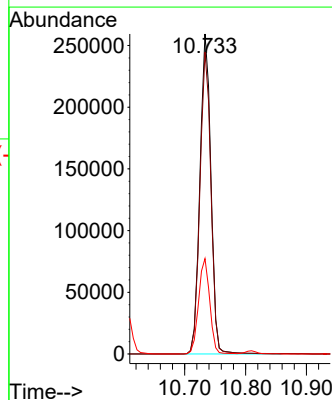
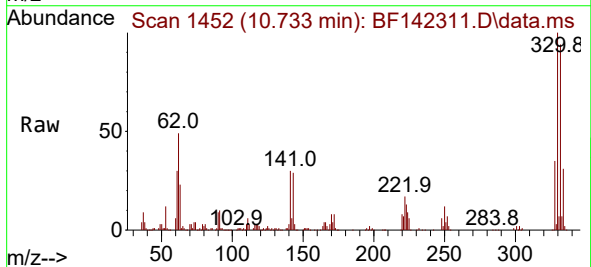
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

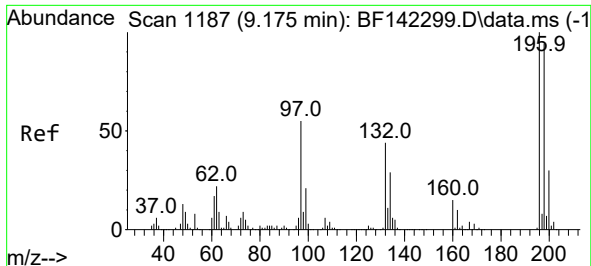
Tgt Ion:237 Resp: 284663
Ion Ratio Lower Upper
237 100
235 61.6 42.8 82.8
272 12.6 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 73.052 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:330 Resp: 325349
Ion Ratio Lower Upper
330 100
332 94.7 76.8 115.2
141 30.2 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 35.099 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

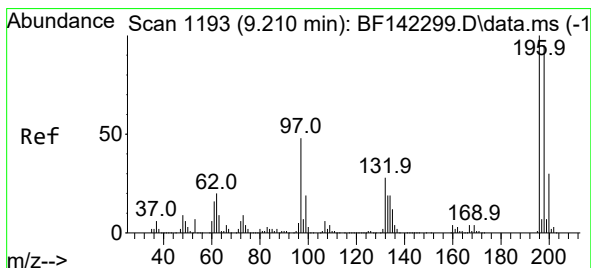
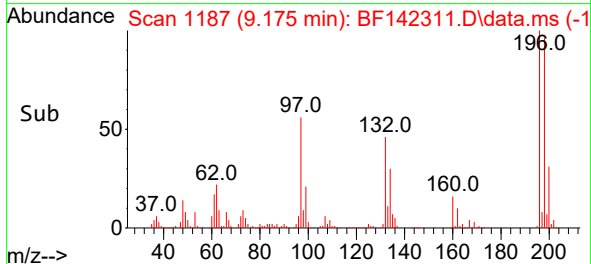
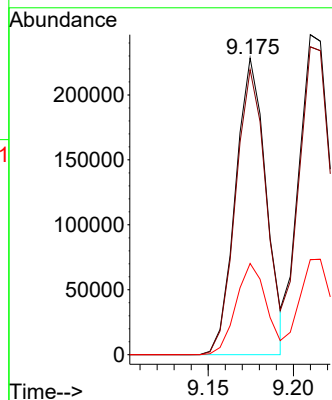
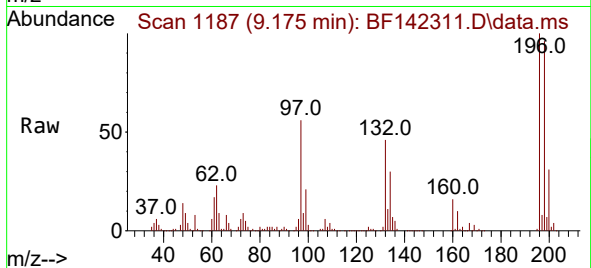
Tgt Ion:196 Resp: 285228

Ion Ratio Lower Upper

196 100

198 96.0 75.4 113.0

200 30.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 37.752 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Tgt Ion:196 Resp: 326429

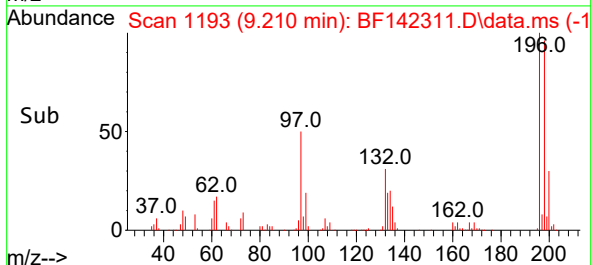
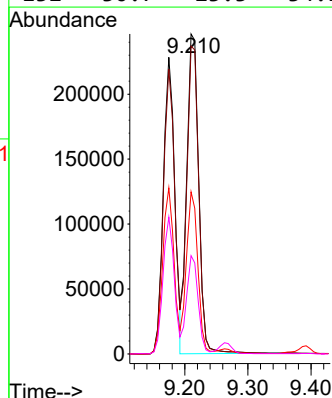
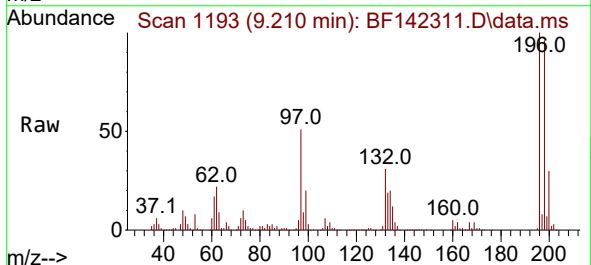
Ion Ratio Lower Upper

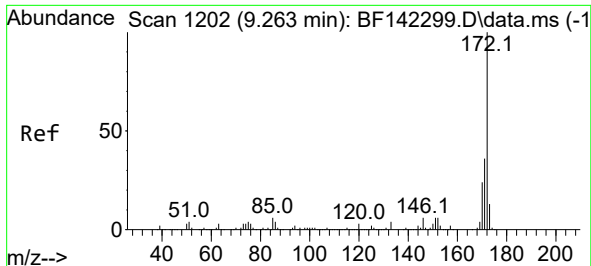
196 100

198 96.2 76.1 114.1

97 50.7 39.0 58.4

132 30.7 23.3 34.9

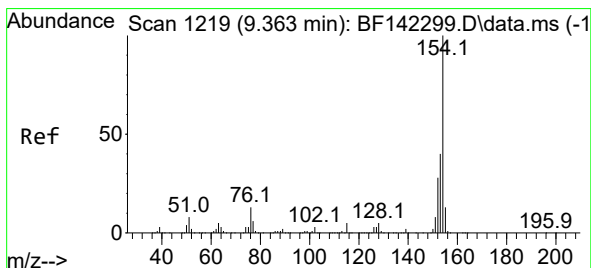
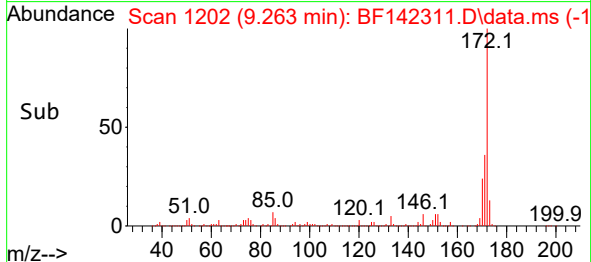
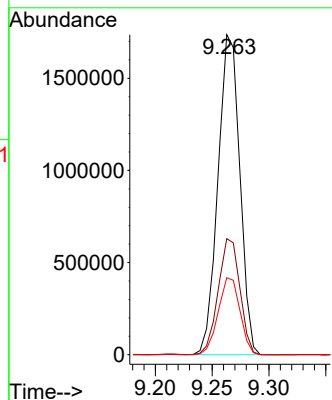
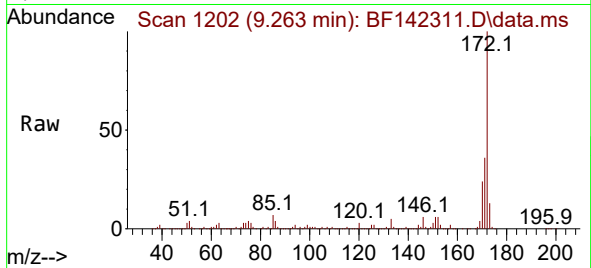




#45
2-Fluorobiphenyl
Concen: 71.876 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

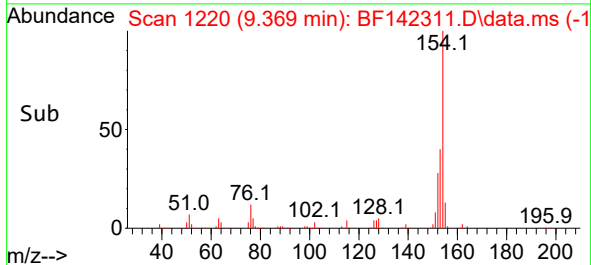
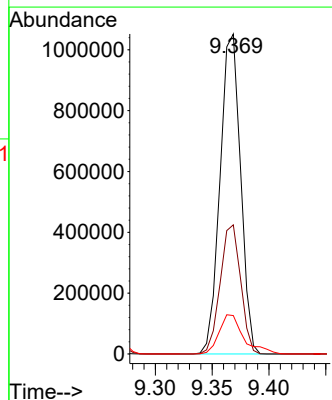
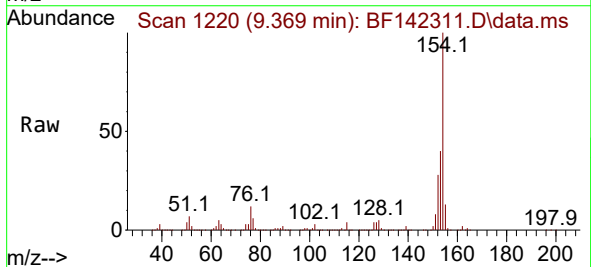
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

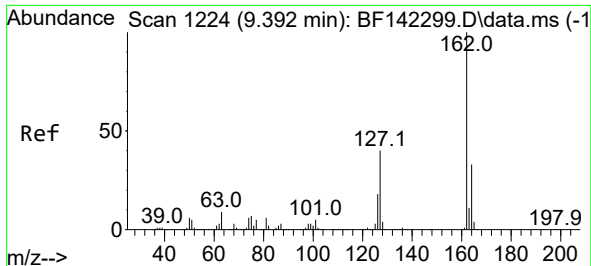
Tgt Ion:172 Resp: 2325283
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 24.1 19.0 28.4



#46
1,1'-Biphenyl
Concen: 37.408 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:154 Resp: 1323095
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.0 0.0 32.8

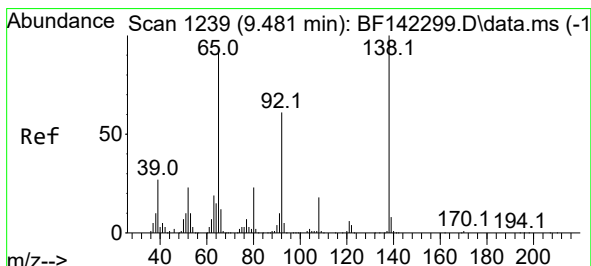
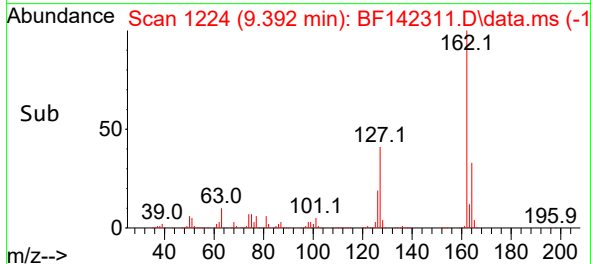
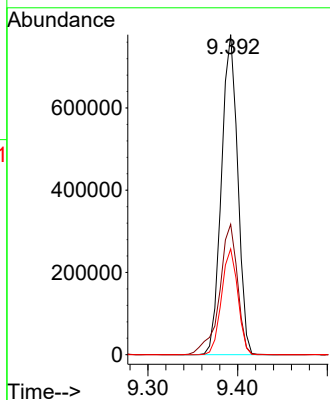
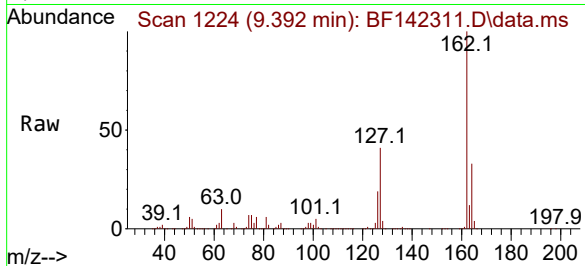




#47
2-Chloronaphthalene
Concen: 37.245 ng
RT: 9.392 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

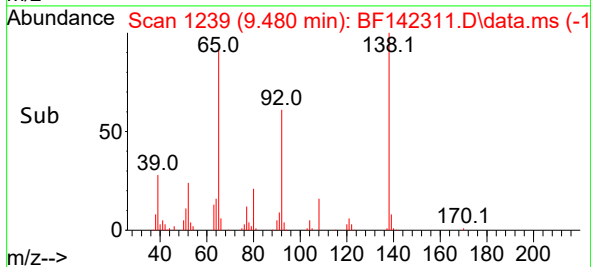
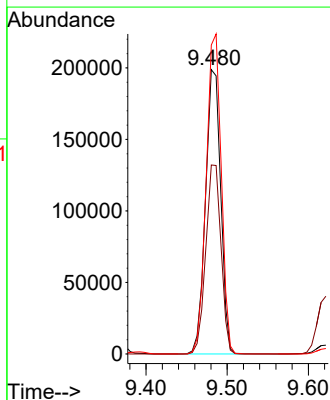
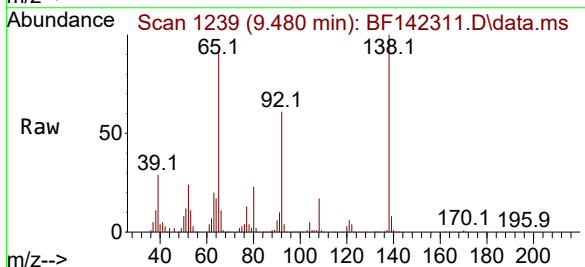
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

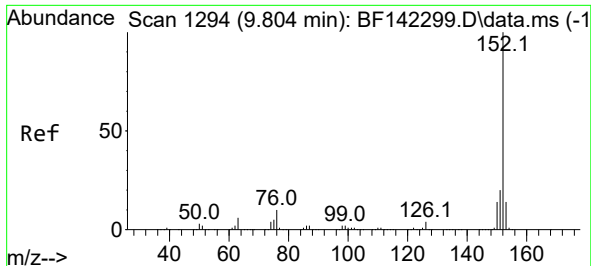
Tgt Ion:162 Resp: 979666
Ion Ratio Lower Upper
162 100
127 40.7 32.3 48.5
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 38.246 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion: 65 Resp: 257854
Ion Ratio Lower Upper
65 100
92 66.4 52.3 78.5
138 108.7 85.6 128.4





#49

Acenaphthylene

Concen: 37.392 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

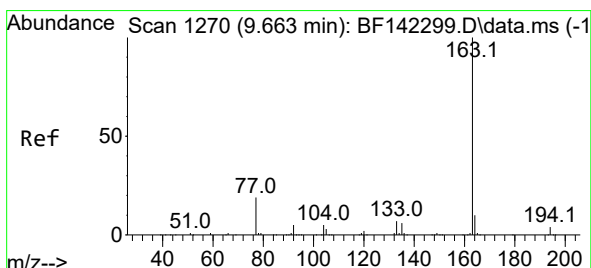
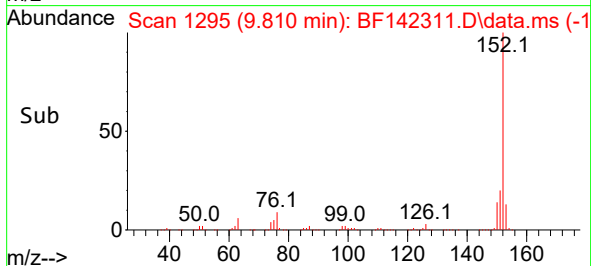
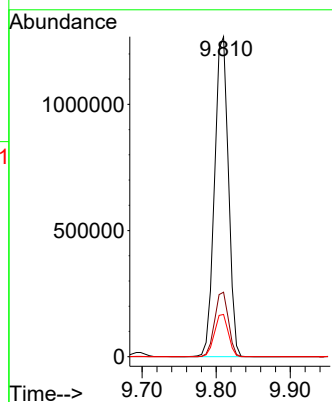
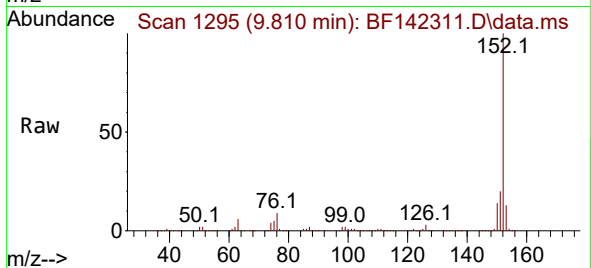
Tgt Ion:152 Resp: 1645302

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 37.535 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

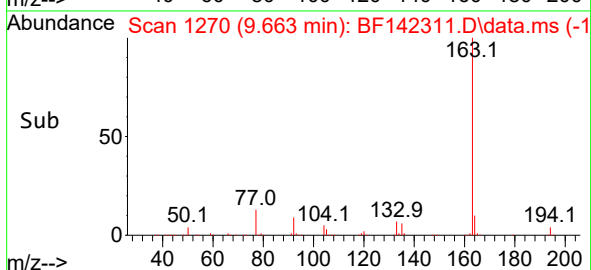
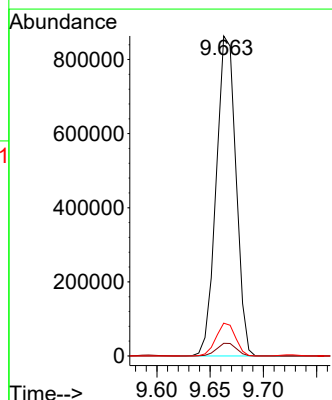
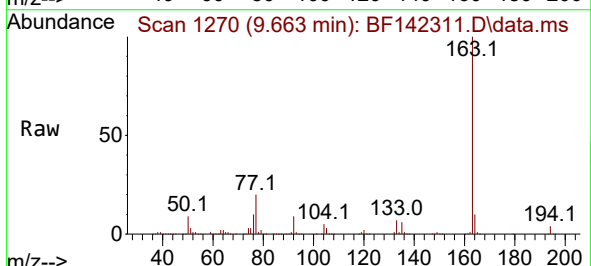
Tgt Ion:163 Resp: 1111826

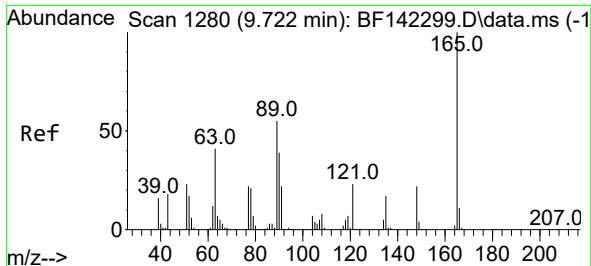
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.3 12.5

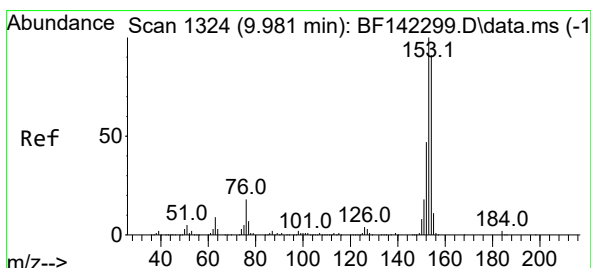
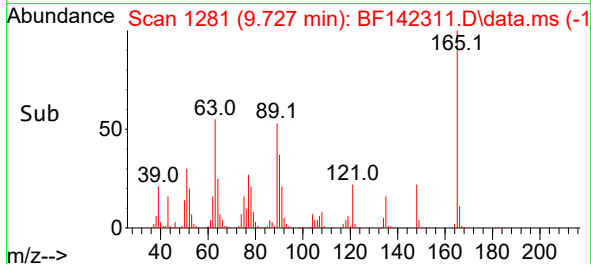
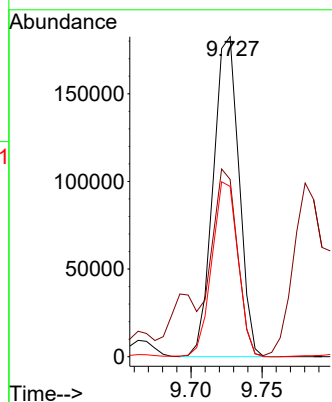
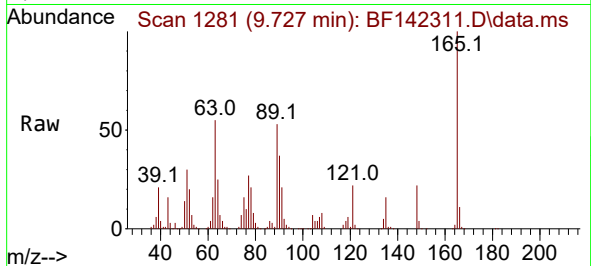




#51
2,6-Dinitrotoluene
Concen: 41.581 ng
RT: 9.727 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

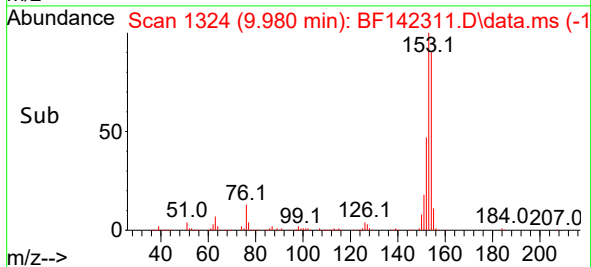
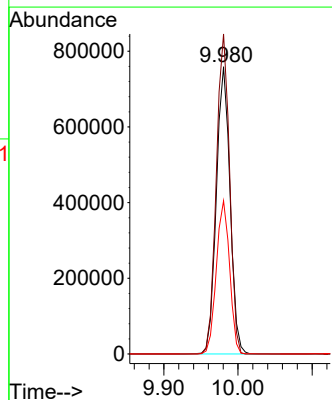
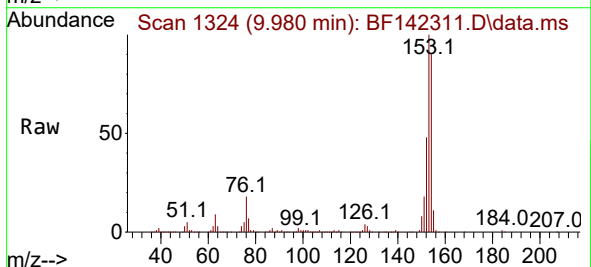
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

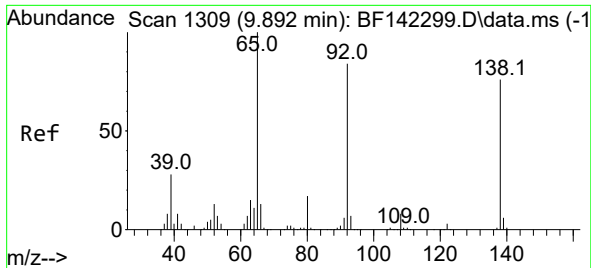
Tgt Ion:165 Resp: 230546
Ion Ratio Lower Upper
165 100
63 55.4 49.5 74.3
89 53.2 44.6 66.8



#52
Acenaphthene
Concen: 36.766 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:154 Resp: 972733
Ion Ratio Lower Upper
154 100
153 111.4 88.0 132.0
152 53.3 41.6 62.4

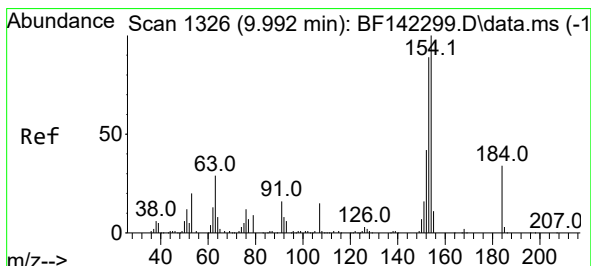
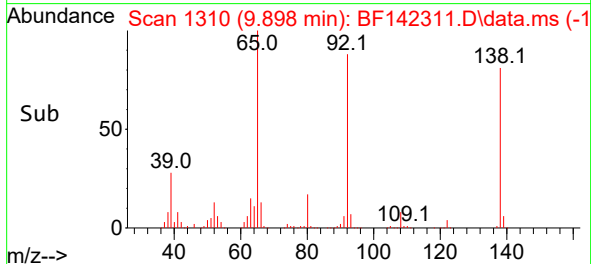
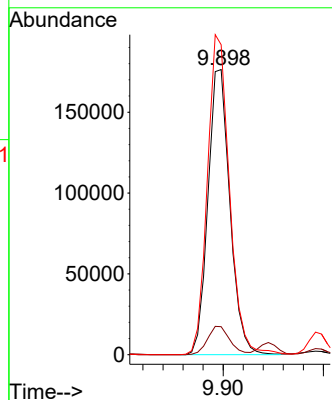
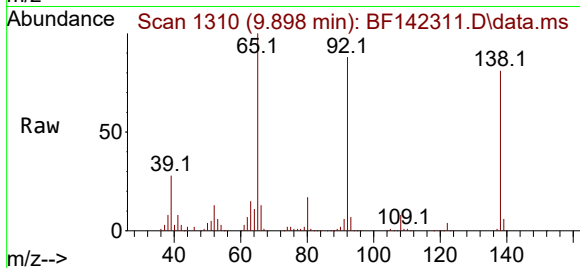




#53
3-Nitroaniline
Concen: 41.326 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

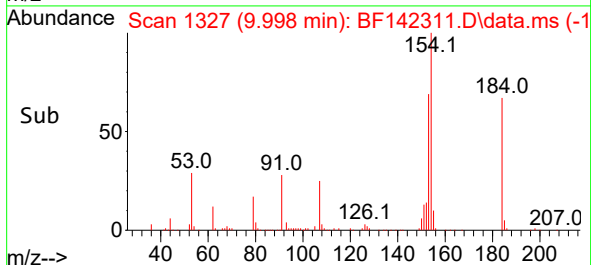
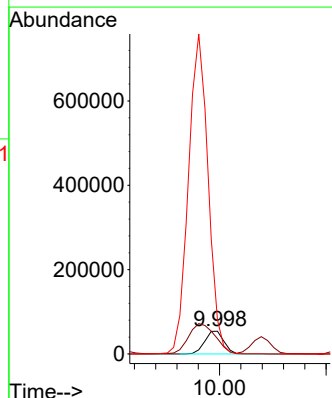
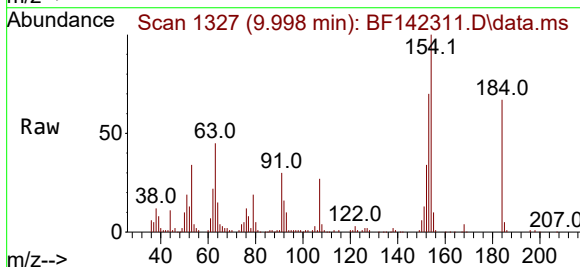
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

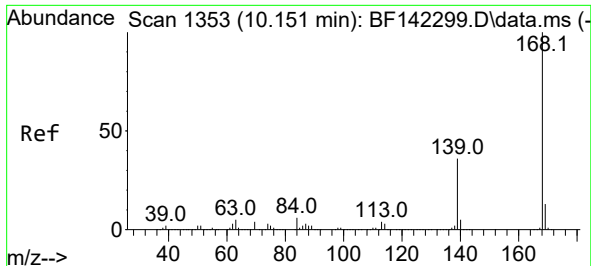
Tgt Ion:138 Resp: 268729
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 108.7 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 28.870 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:184 Resp: 68032
Ion Ratio Lower Upper
184 100
63 67.3 70.6 105.8#
154 148.7 257.2 385.8#

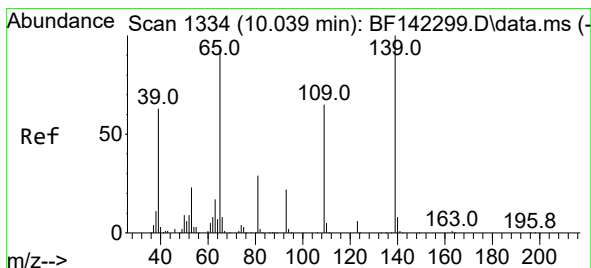
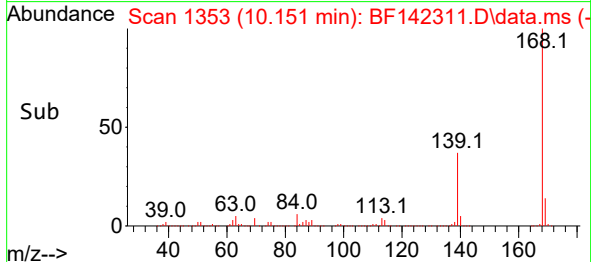
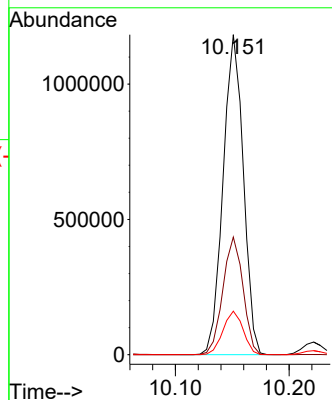
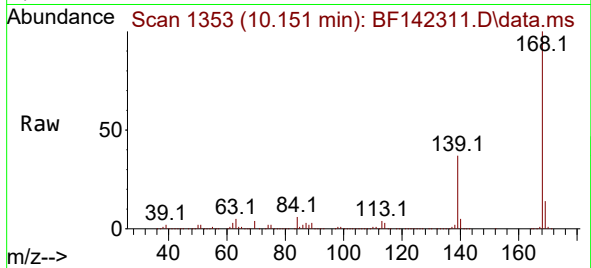




#55
Dibenzofuran
Concen: 37.437 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

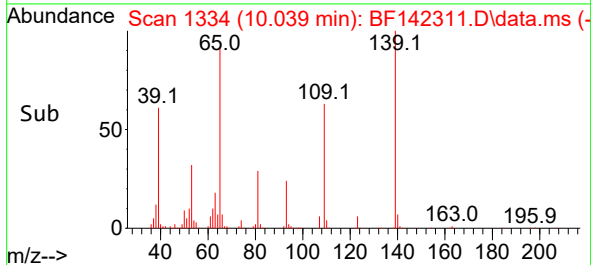
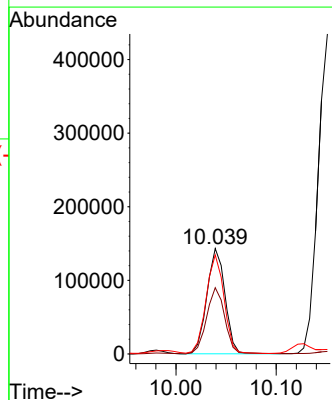
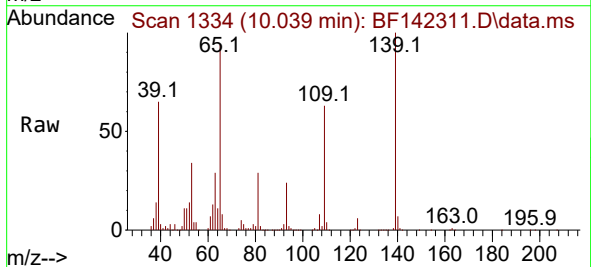
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

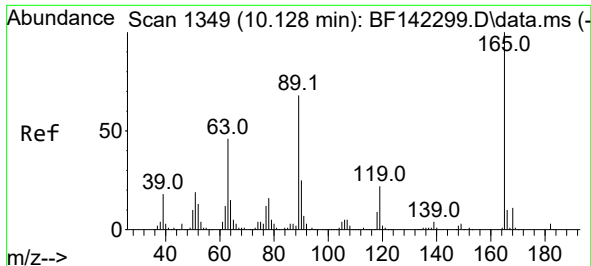
Tgt Ion:168 Resp: 1461790
Ion Ratio Lower Upper
168 100
139 36.8 29.0 43.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 36.860 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:139 Resp: 180394
Ion Ratio Lower Upper
139 100
109 62.8 45.3 85.3
65 93.8 73.9 113.9





#57

2,4-Dinitrotoluene

Concen: 42.328 ng

RT: 10.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 301036

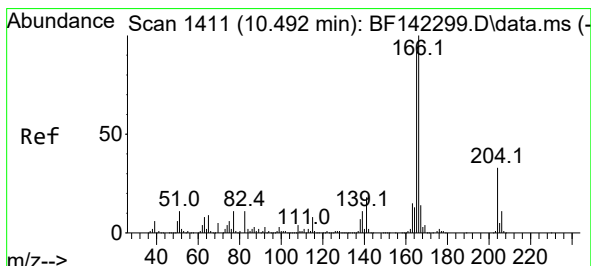
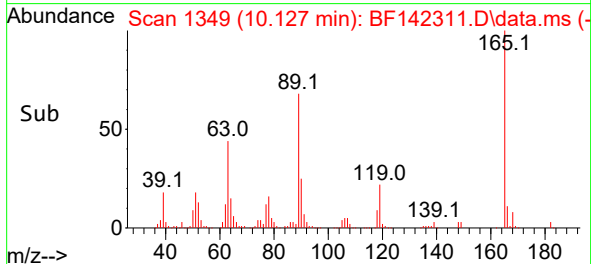
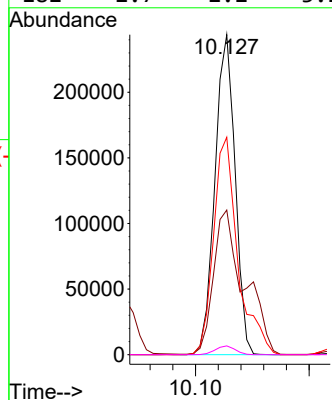
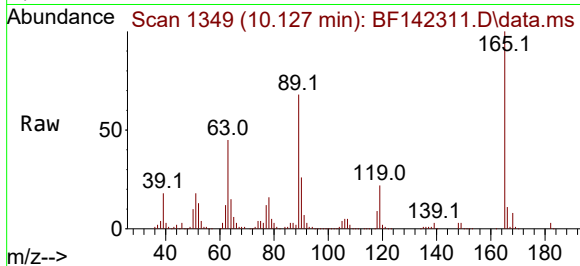
Ion Ratio Lower Upper

165 100

63 45.2 37.1 55.7

89 68.0 54.4 81.6

182 2.7 2.2 3.2



#58

Fluorene

Concen: 36.948 ng

RT: 10.492 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

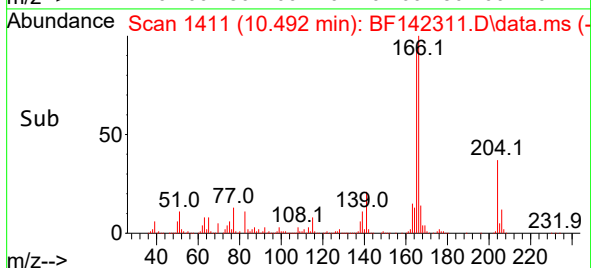
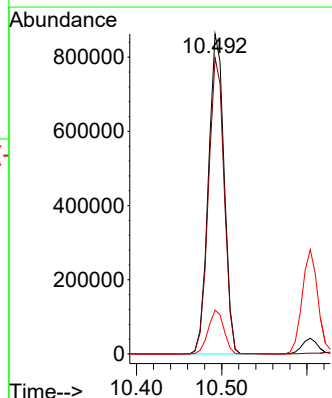
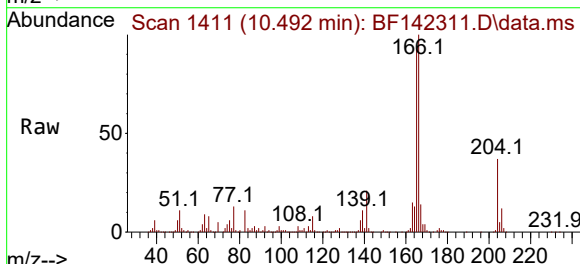
Tgt Ion:166 Resp: 1101006

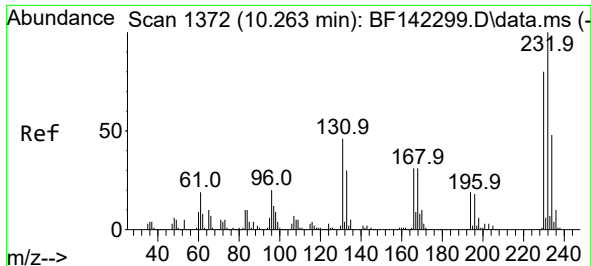
Ion Ratio Lower Upper

166 100

165 92.6 74.0 111.0

167 13.7 10.9 16.3

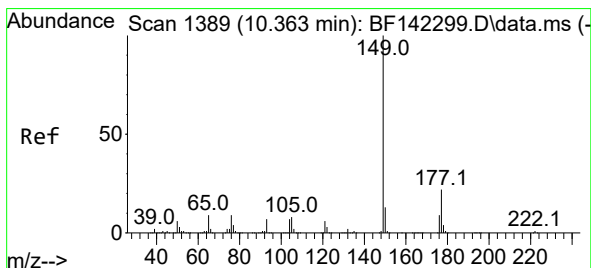
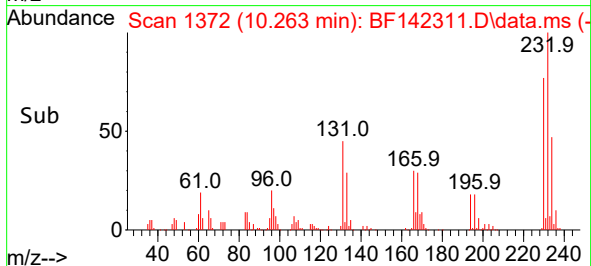
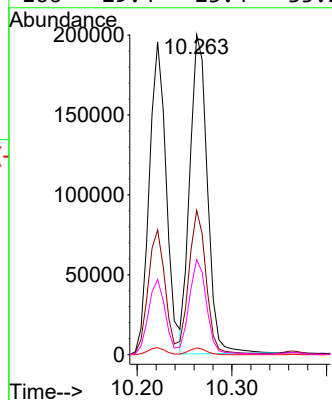
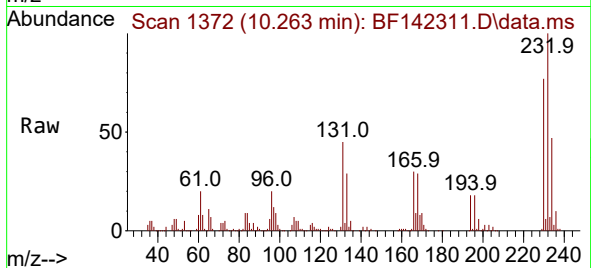




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.000 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

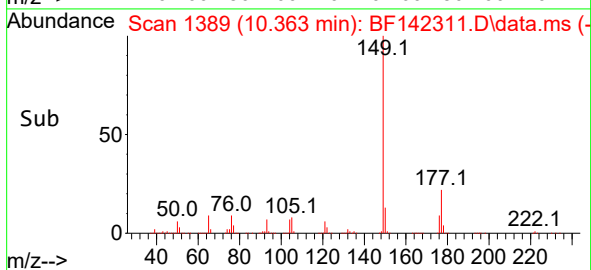
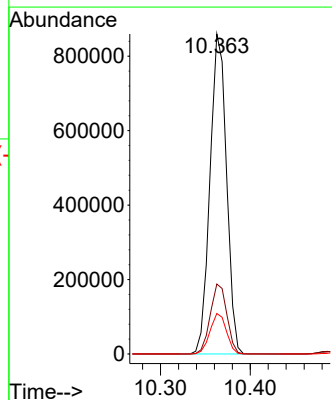
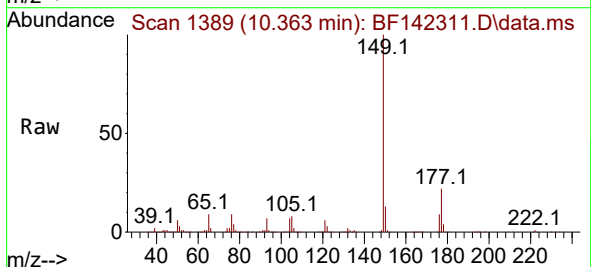
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

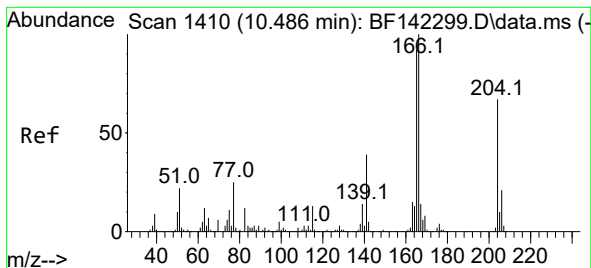
Tgt Ion:232 Resp: 256961
Ion Ratio Lower Upper
232 100
131 45.6 36.0 54.0
130 2.1 1.8 2.6
166 29.4 23.4 35.2



#60
Diethylphthalate
Concen: 37.132 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:149 Resp: 1098399
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.6 10.1 15.1

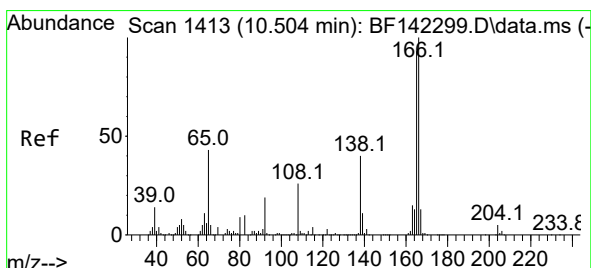
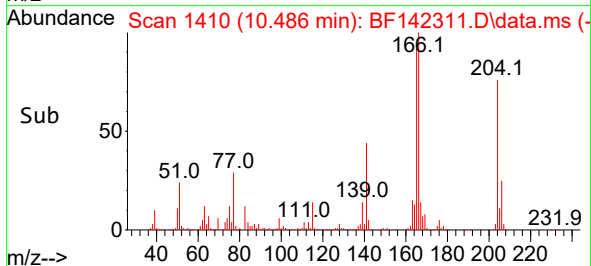
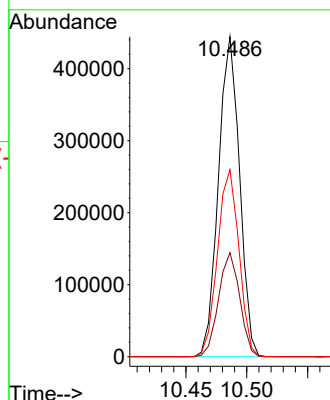
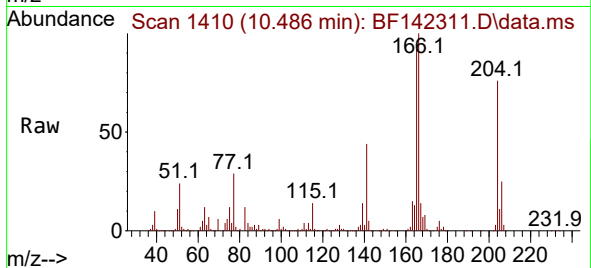




#61
4-Chlorophenyl-phenylether
Concen: 37.321 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

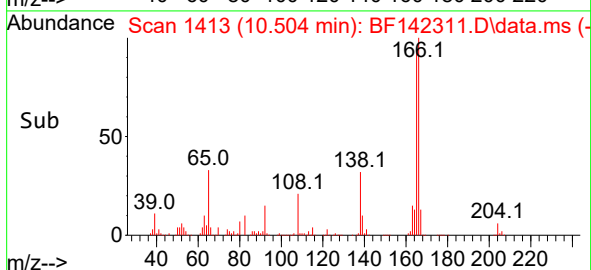
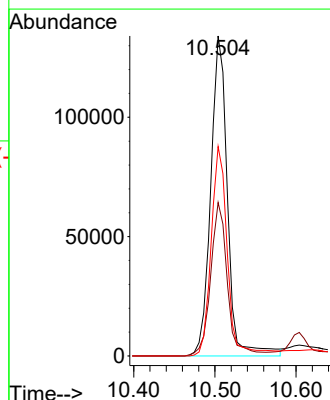
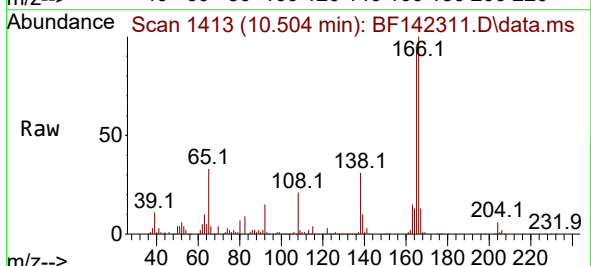
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

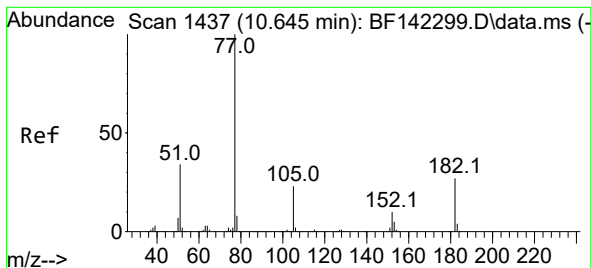
Tgt Ion:204 Resp: 536542
Ion Ratio Lower Upper
204 100
206 32.5 25.5 38.3
141 58.5 46.4 69.6



#62
4-Nitroaniline
Concen: 37.305 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:138 Resp: 192261
Ion Ratio Lower Upper
138 100
92 48.0 27.3 67.3
108 65.4 45.1 85.1





#63

Azobenzene

Concen: 37.487 ng

RT: 10.645 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1059641

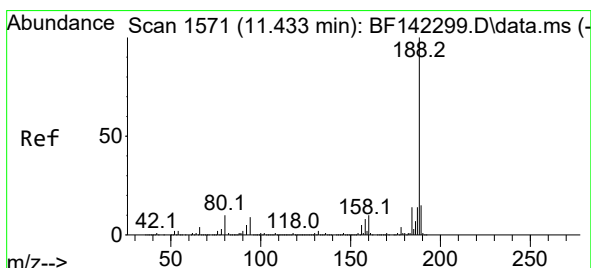
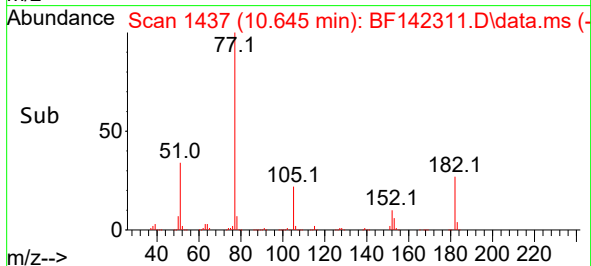
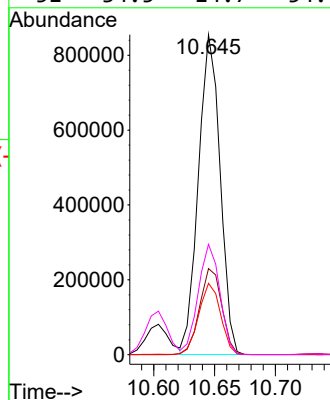
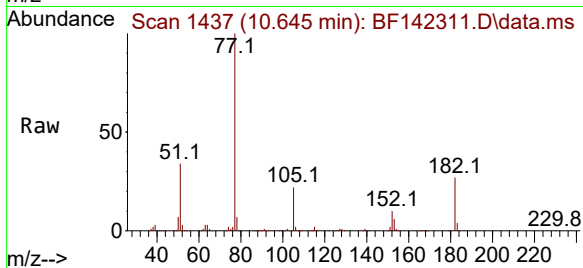
Ion Ratio Lower Upper

77 100

182 26.9 6.9 46.9

105 22.3 2.7 42.7

51 34.5 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

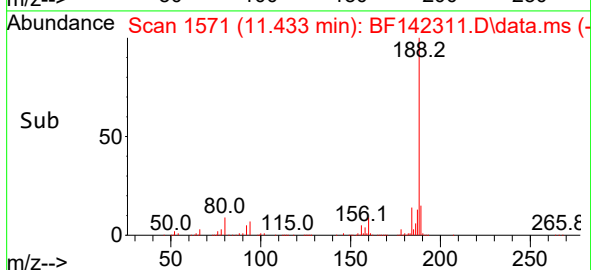
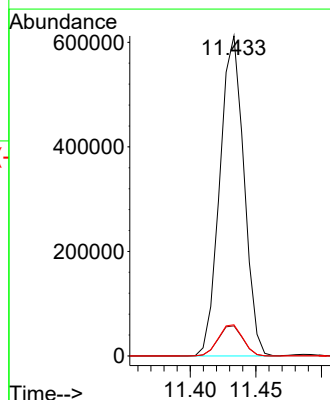
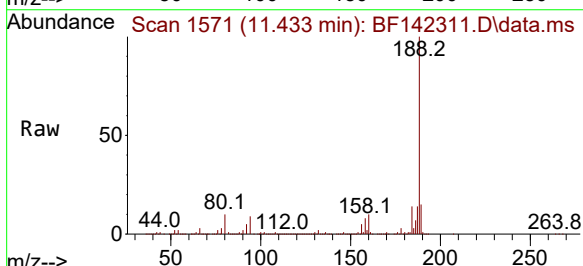
Tgt Ion:188 Resp: 783052

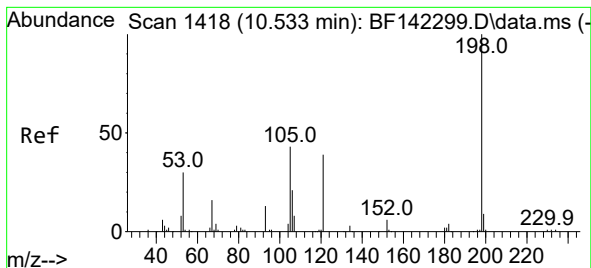
Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 9.7 7.9 11.9

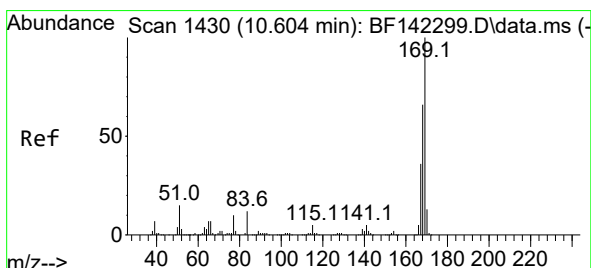
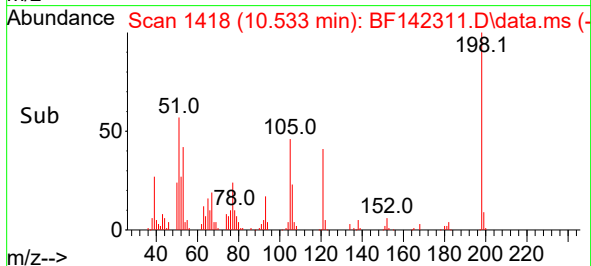
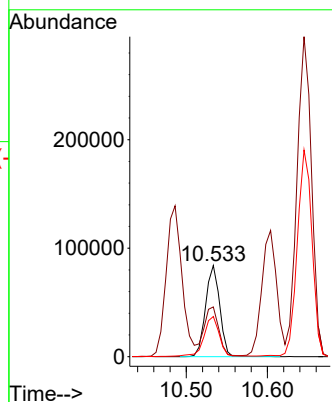
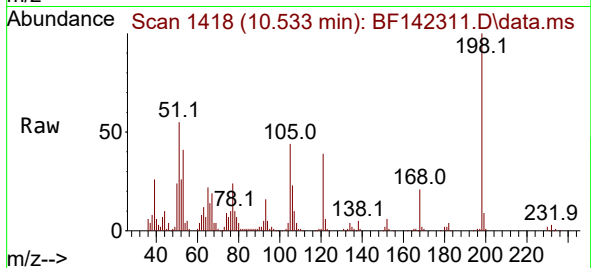




#65
4,6-Dinitro-2-methylphenol
Concen: 30.747 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

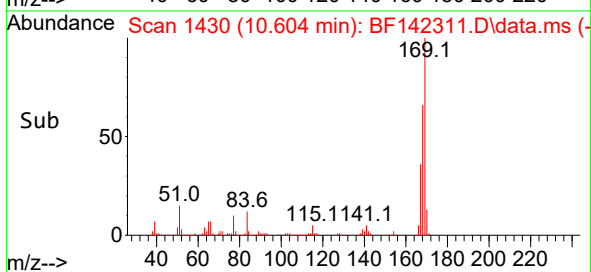
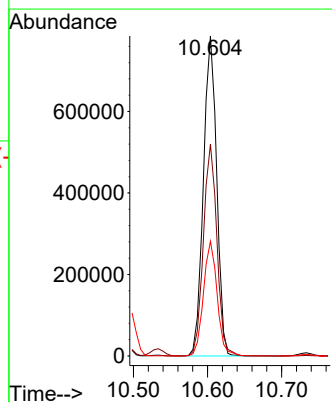
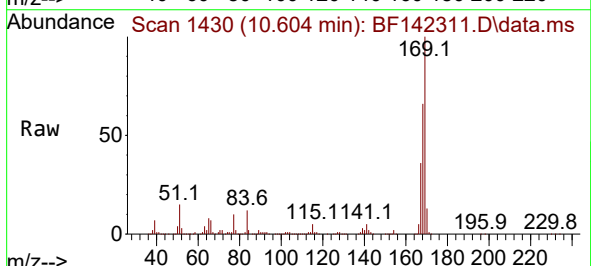
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

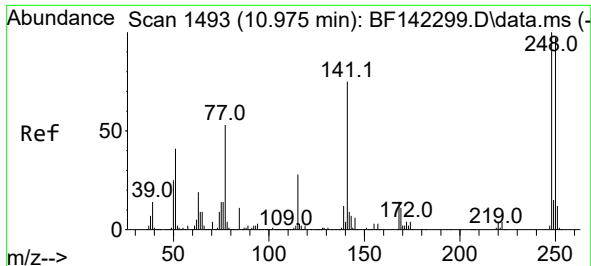
Tgt Ion:198 Resp: 101146
Ion Ratio Lower Upper
198 100
51 54.7 32.9 72.9
105 44.0 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 37.646 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:169 Resp: 980951
Ion Ratio Lower Upper
169 100
168 66.2 53.2 79.8
167 35.9 28.9 43.3

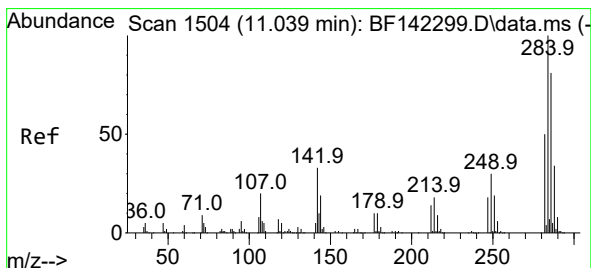
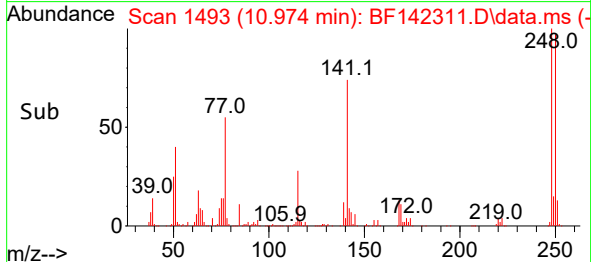
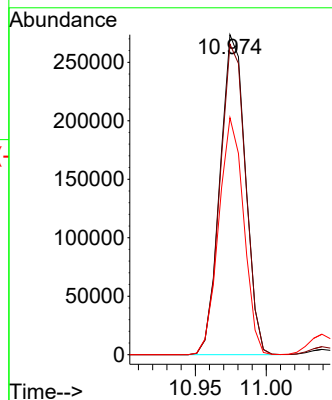
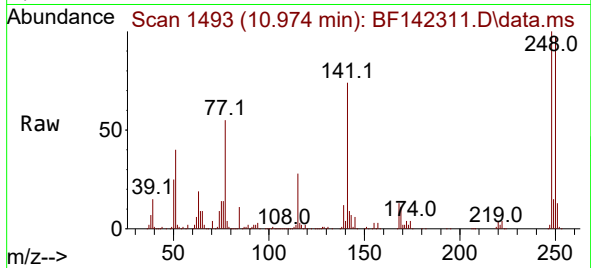




#67
4-Bromophenyl-phenylether
Concen: 38.355 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

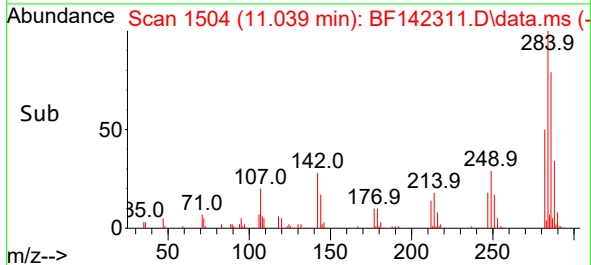
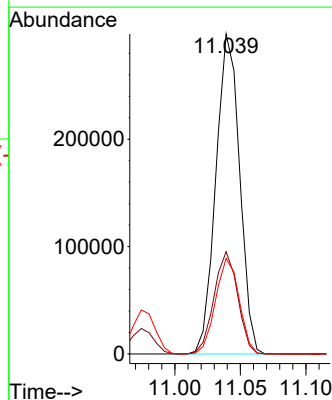
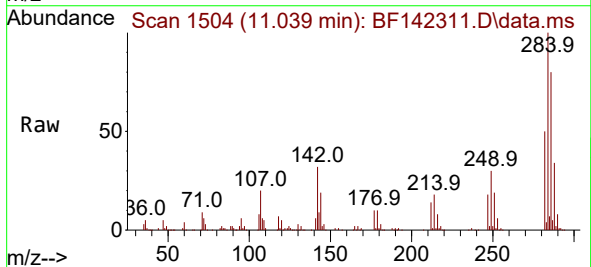
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

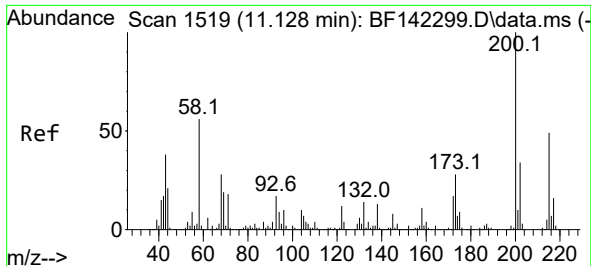
Tgt Ion:248 Resp: 340382
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 74.0 59.8 89.8



#68
Hexachlorobenzene
Concen: 38.405 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:284 Resp: 374906
Ion Ratio Lower Upper
284 100
142 32.0 26.6 39.8
249 29.9 24.1 36.1

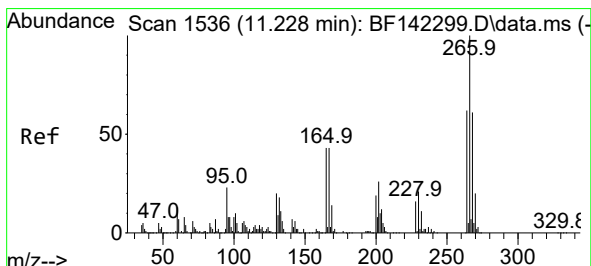
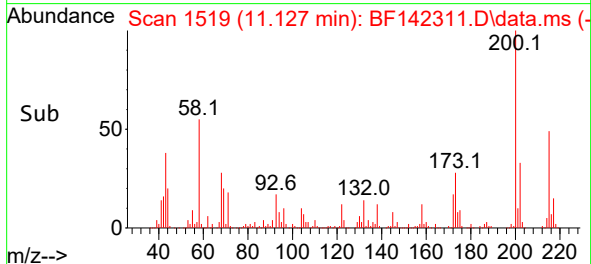
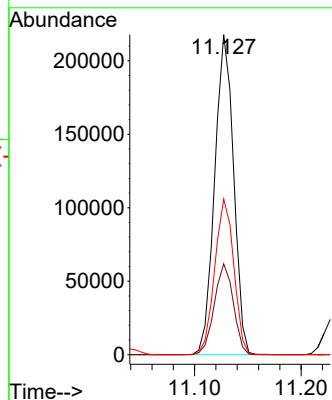
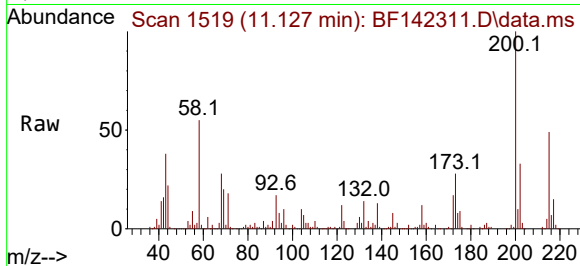




#69
 Atrazine
 Concen: 39.122 ng
 RT: 11.127 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142311.D
 Acq: 12 May 2025 10:47

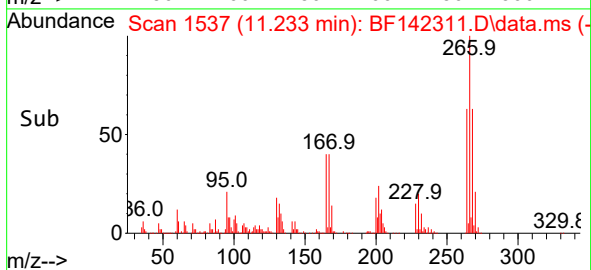
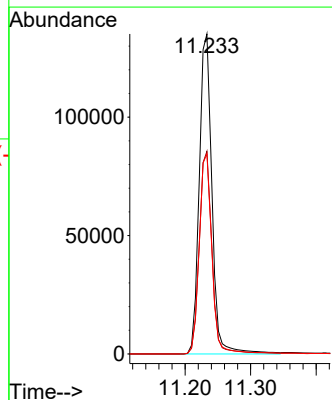
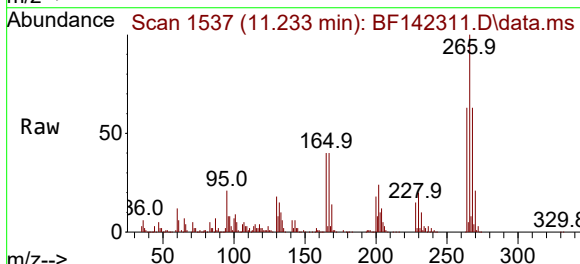
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

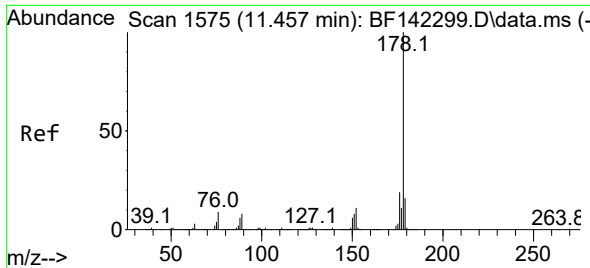
Tgt Ion:200 Resp: 268719
 Ion Ratio Lower Upper
 200 100
 173 28.4 8.1 48.1
 215 48.7 28.8 68.8



#70
 Pentachlorophenol
 Concen: 35.567 ng
 RT: 11.233 min Scan# 1537
 Delta R.T. 0.006 min
 Lab File: BF142311.D
 Acq: 12 May 2025 10:47

Tgt Ion:266 Resp: 182650
 Ion Ratio Lower Upper
 266 100
 268 63.3 48.7 73.1
 264 62.6 49.8 74.6

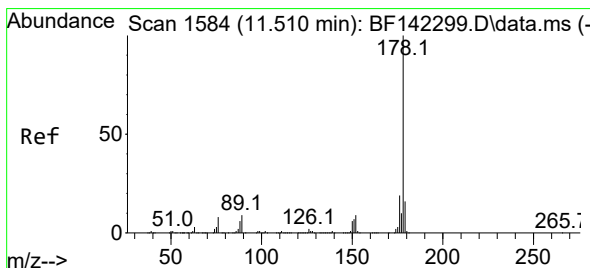
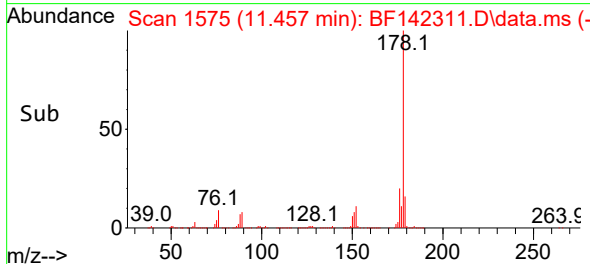
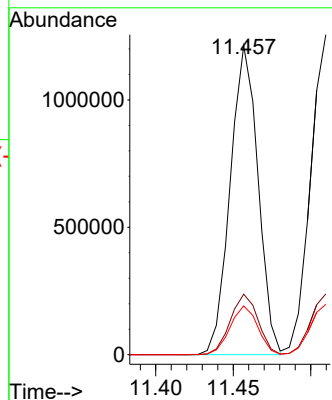
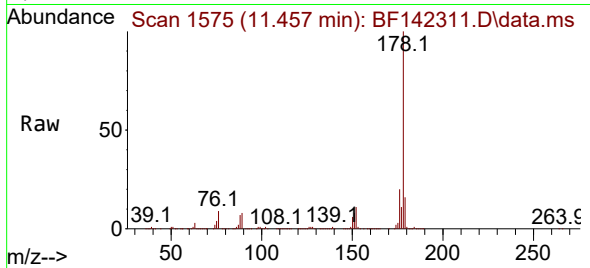




#71
Phenanthrene
Concen: 36.886 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

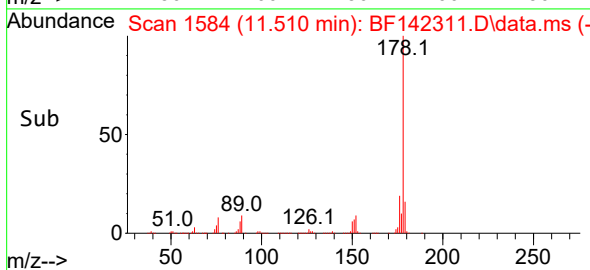
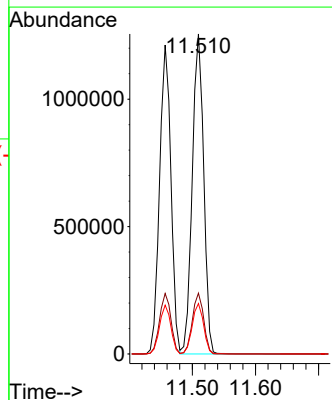
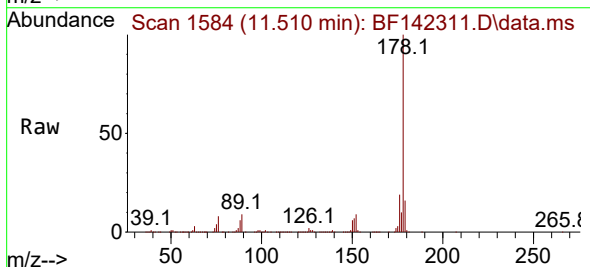
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

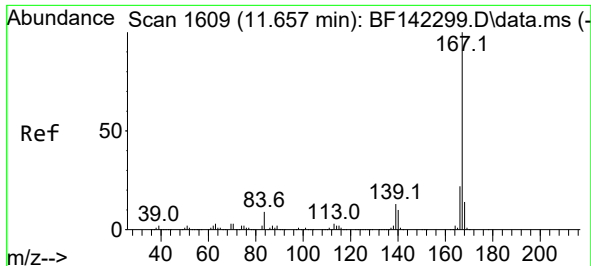
Tgt Ion:178 Resp: 1514031
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.8 12.6 18.8



#72
Anthracene
Concen: 37.323 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:178 Resp: 1574057
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.6 18.8

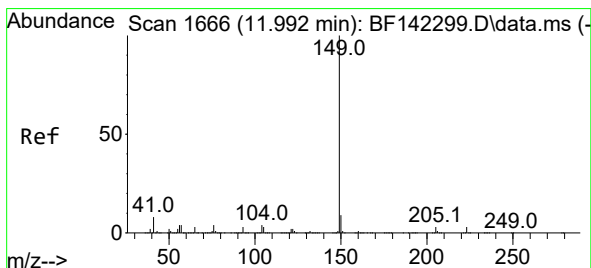
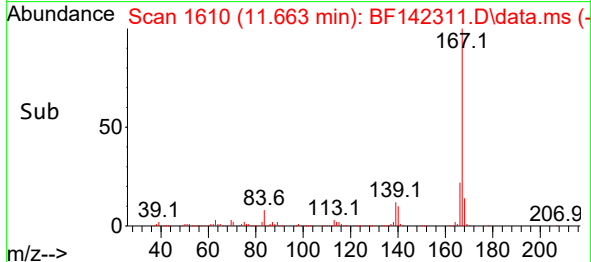
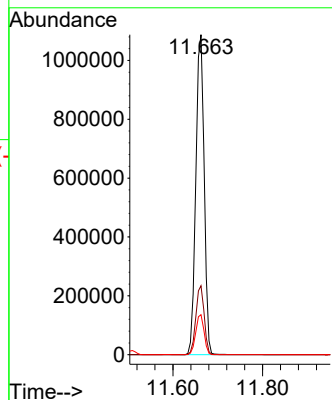
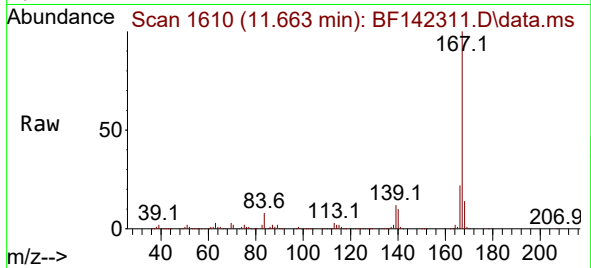




#73
Carbazole
Concen: 37.133 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

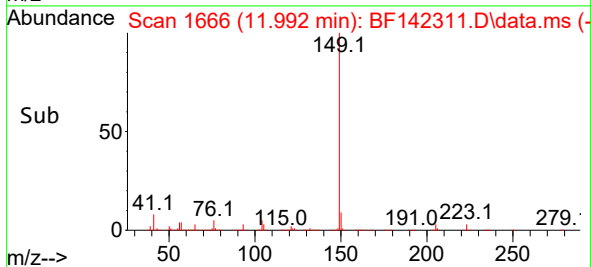
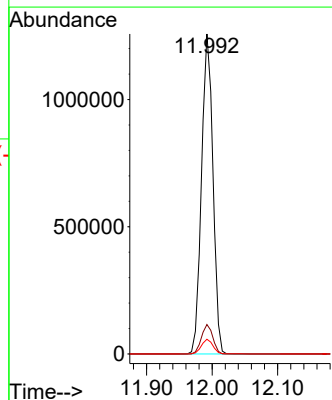
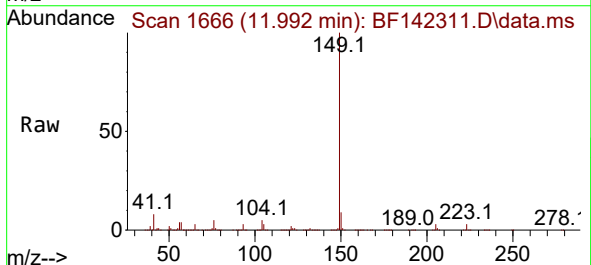
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

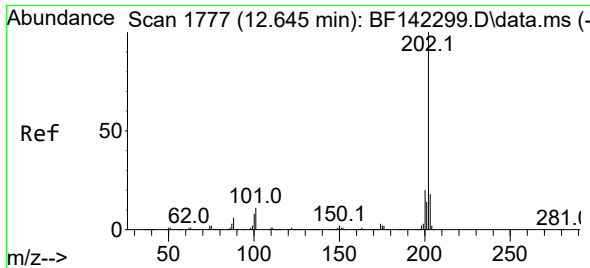
Tgt Ion:167 Resp: 1405022
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 12.5 10.3 15.5



#74
Di-n-butylphthalate
Concen: 38.326 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:149 Resp: 1524892
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.6 3.6 5.4

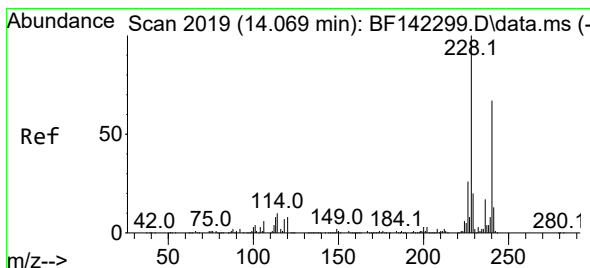
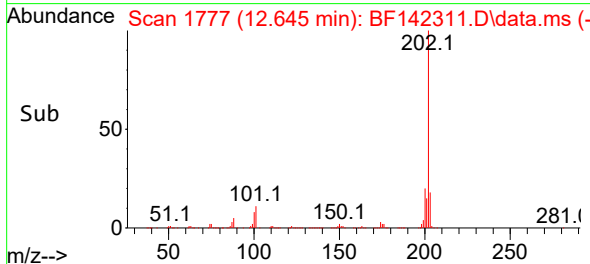
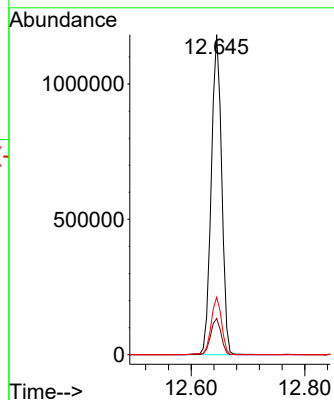
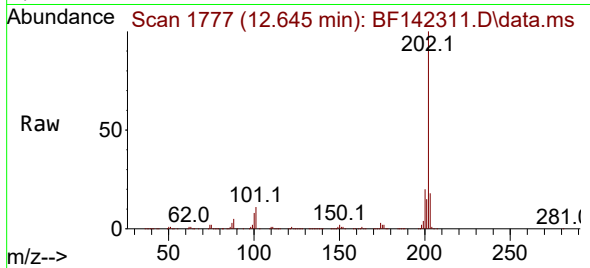




#75
Fluoranthene
Concen: 36.346 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

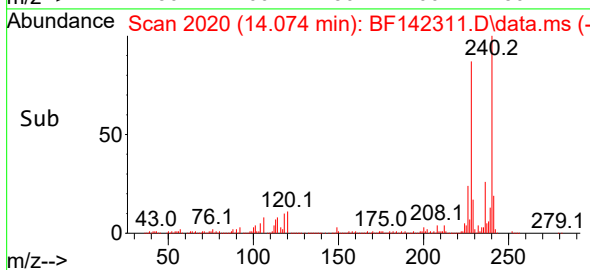
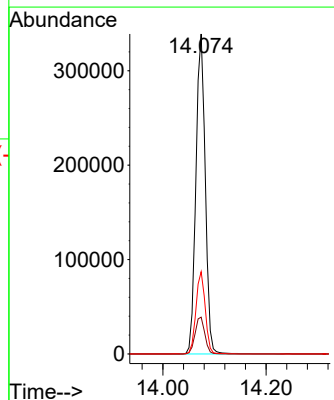
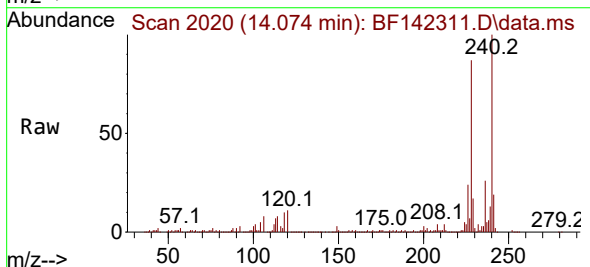
Instrument :
BNA_F
ClientSampleId :
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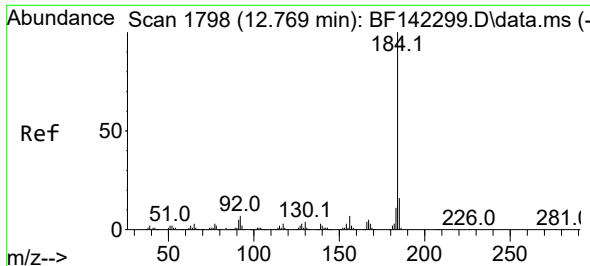
Tgt Ion:202 Resp: 1491288
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:240 Resp: 426377
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.7 20.0 30.0

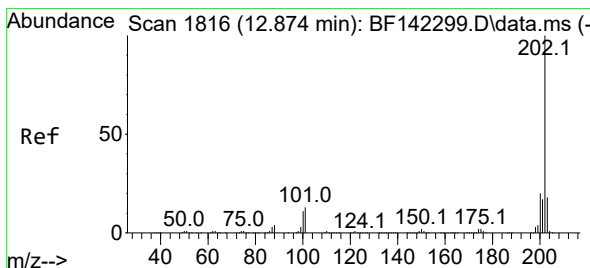
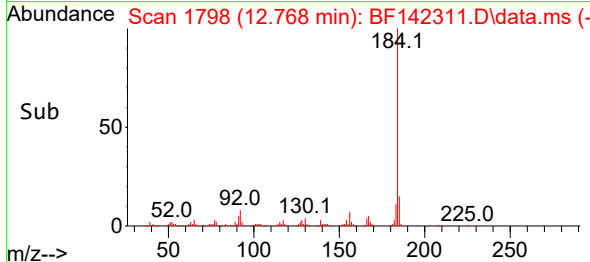
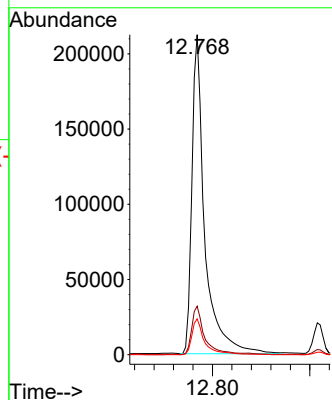
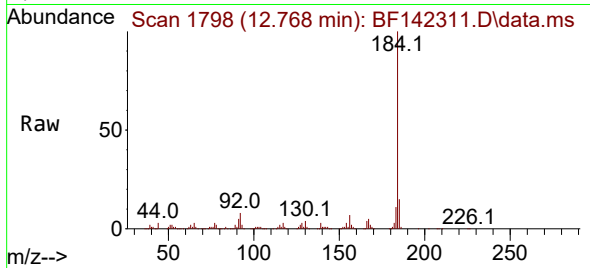




#77
Benzidine
Concen: 50.036 ng
RT: 12.768 min Scan# 1798
Delta R.T. -0.001 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

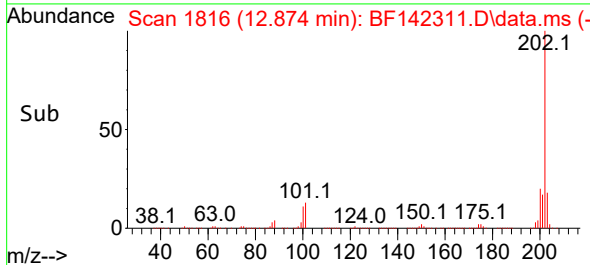
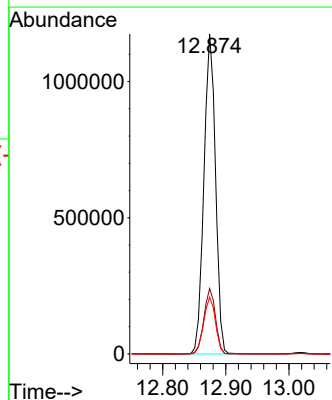
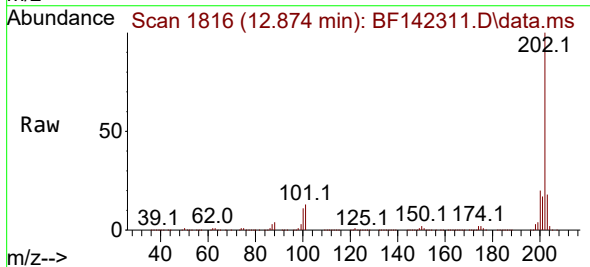
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

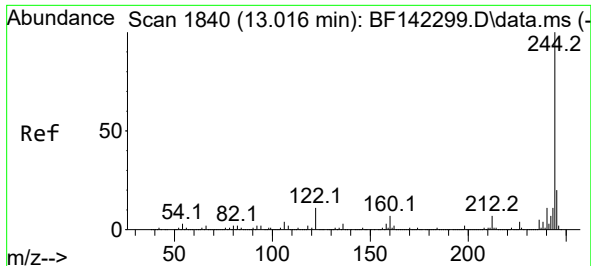
Tgt Ion:184 Resp: 387705
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 11.2 8.6 12.8



#78
Pyrene
Concen: 39.398 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:202 Resp: 1495202
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.4
203 17.8 14.3 21.5

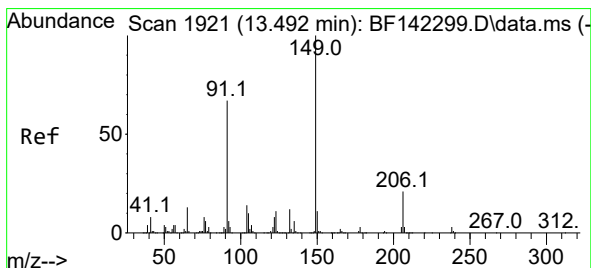
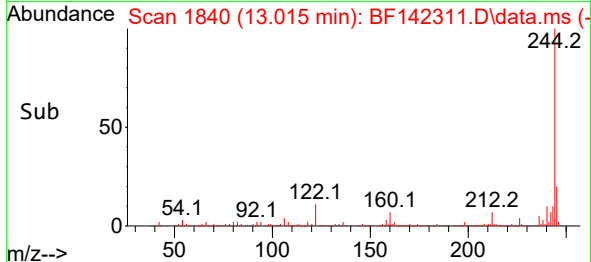
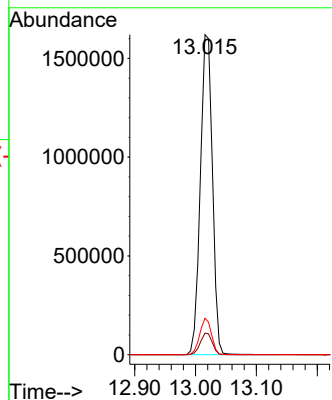
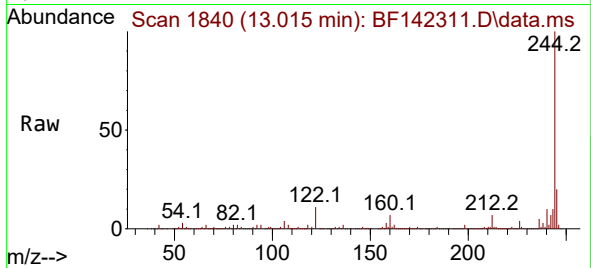




#79
 Terphenyl-d14
 Concen: 77.286 ng
 RT: 13.015 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142311.D
 Acq: 12 May 2025 10:47

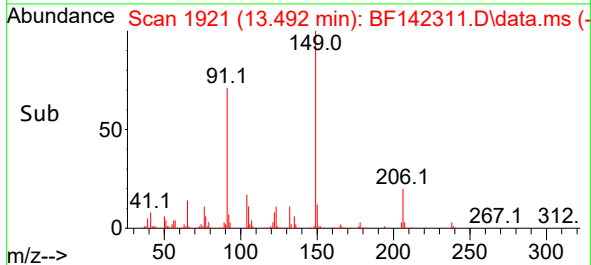
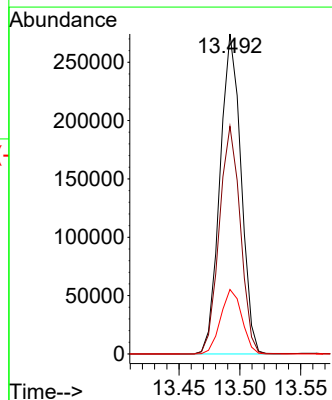
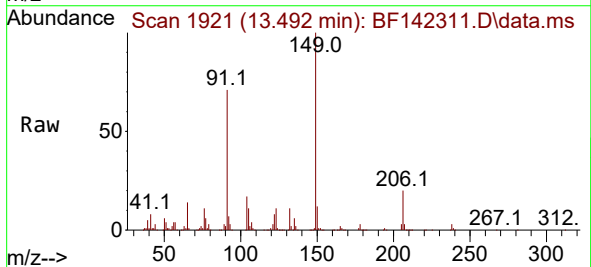
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

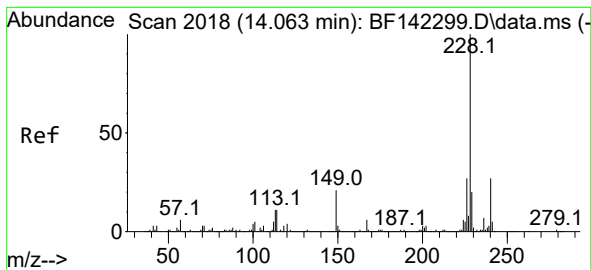
Tgt Ion:244 Resp: 2226381
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 31.197 ng
 RT: 13.492 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF142311.D
 Acq: 12 May 2025 10:47

Tgt Ion:149 Resp: 330163
 Ion Ratio Lower Upper
 149 100
 91 71.2 53.8 80.6
 206 20.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 38.473 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

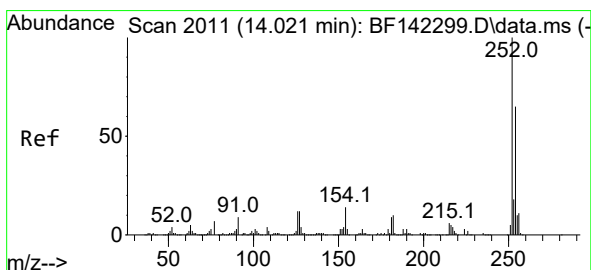
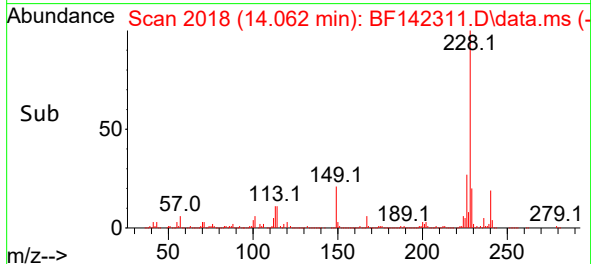
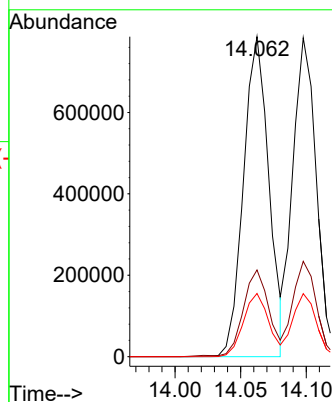
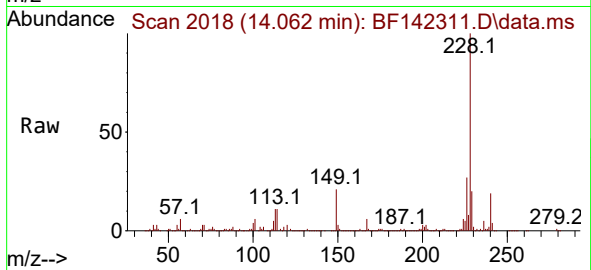
Tgt Ion:228 Resp: 1062341

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 40.837 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

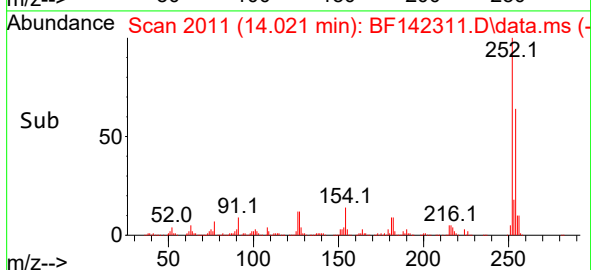
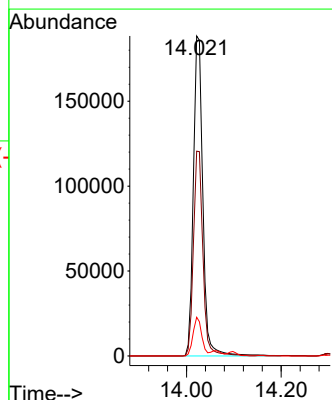
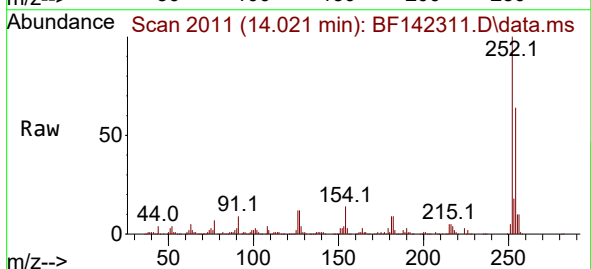
Tgt Ion:252 Resp: 262229

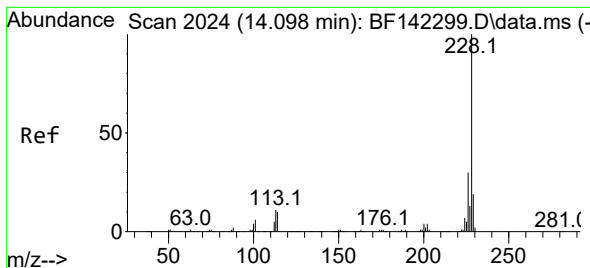
Ion Ratio Lower Upper

252 100

254 64.0 52.0 78.0

126 12.1 9.7 14.5





#83

Chrysene

Concen: 38.219 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

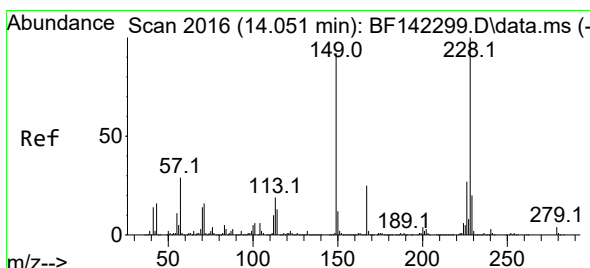
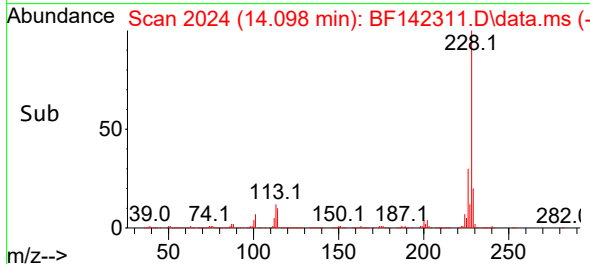
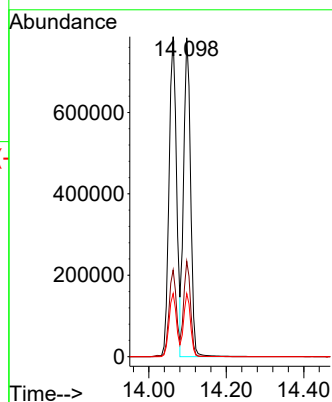
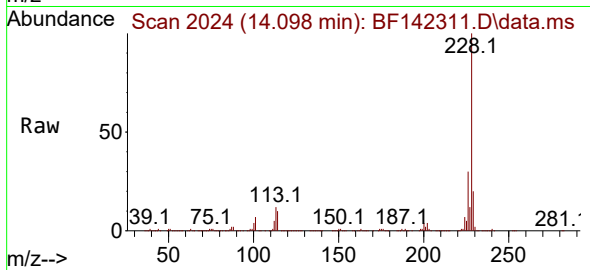
Tgt Ion:228 Resp: 982428

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.467 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

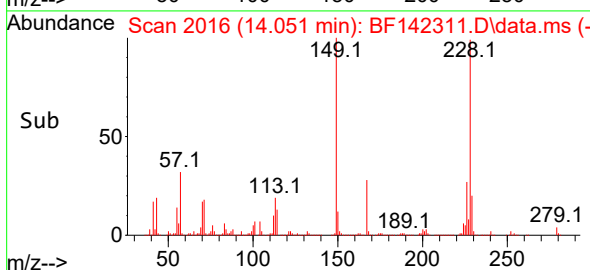
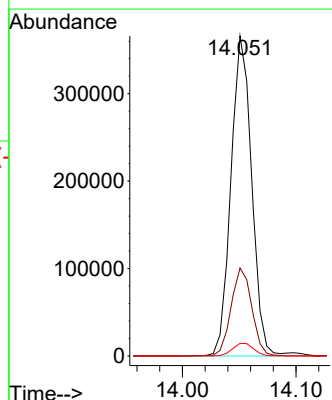
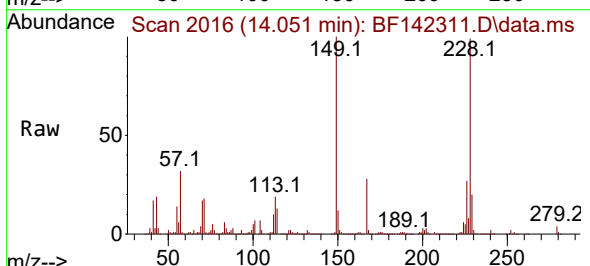
Tgt Ion:149 Resp: 462415

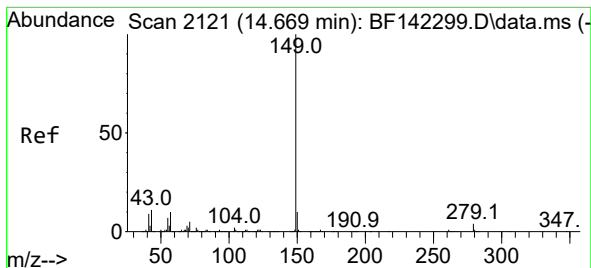
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 3.9 3.0 4.6

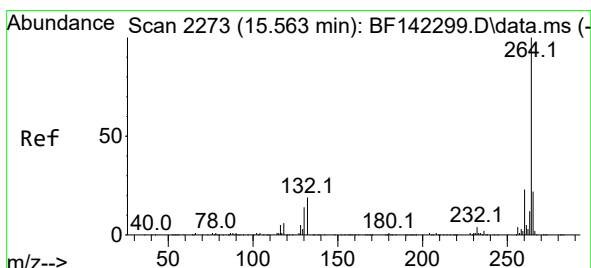
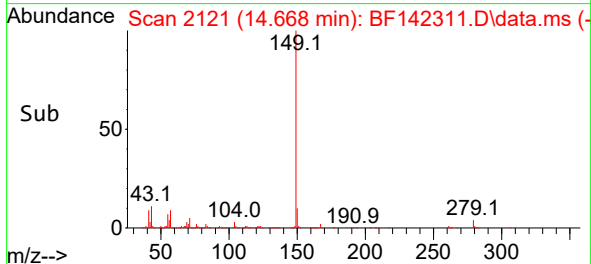
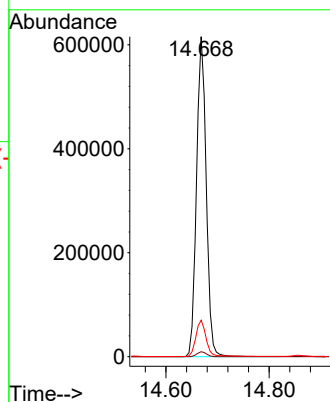
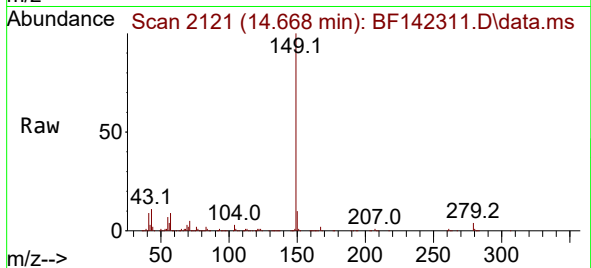




#85
Di-n-octyl phthalate
Concen: 33.606 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

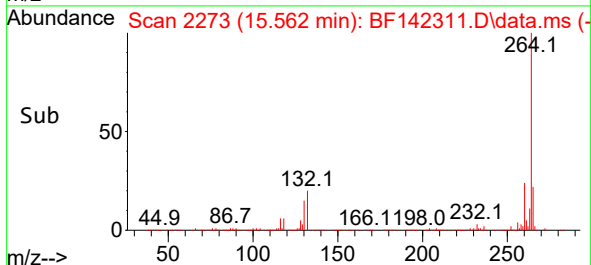
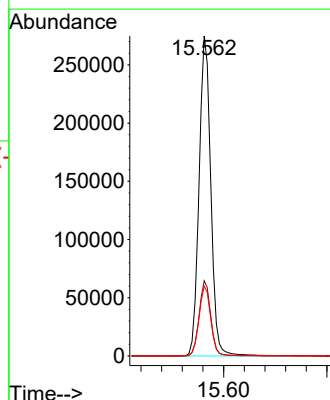
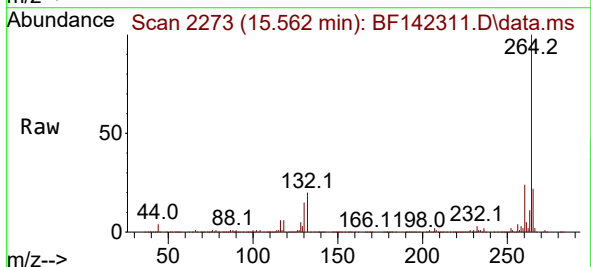
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

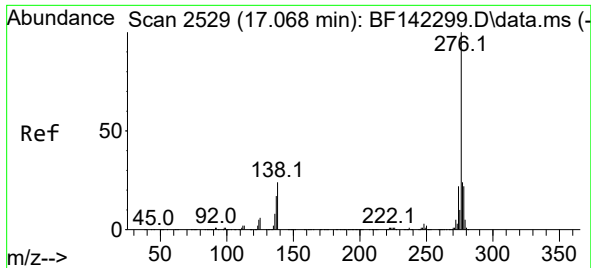
Tgt Ion:149 Resp: 800857
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.3 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:264 Resp: 432380
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.8 17.5 26.3

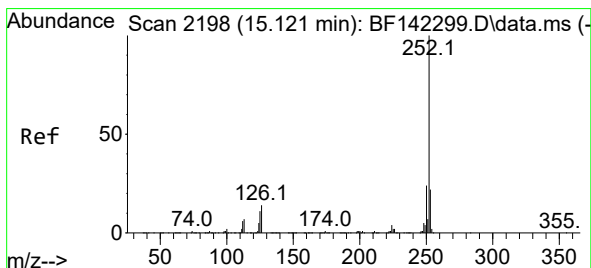
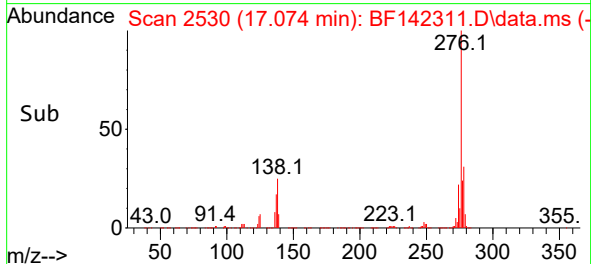
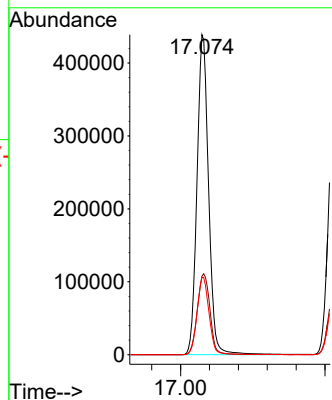
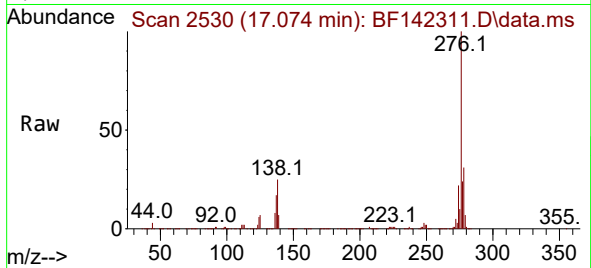




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.525 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

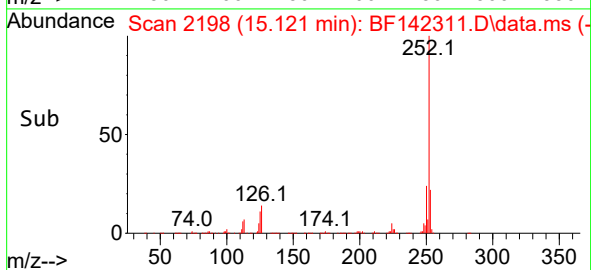
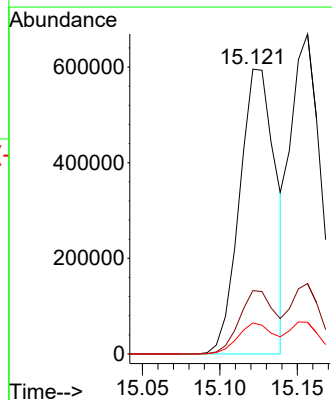
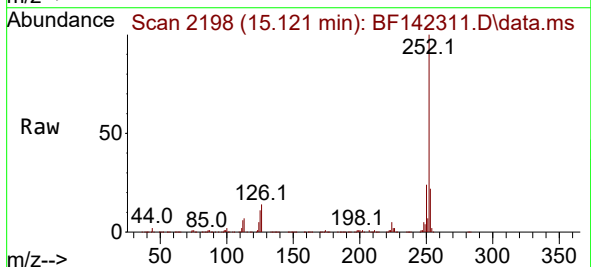
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

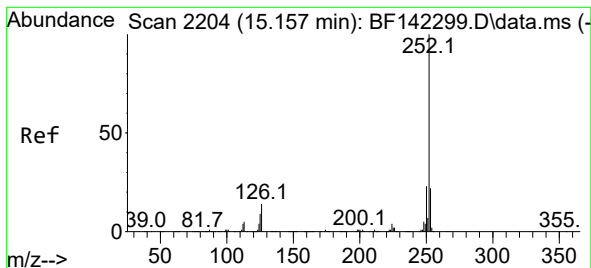
Tgt Ion:276 Resp: 1218906
Ion Ratio Lower Upper
276 100
138 27.6 22.0 33.0
277 25.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 36.612 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:252 Resp: 958783
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.9 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 38.392 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

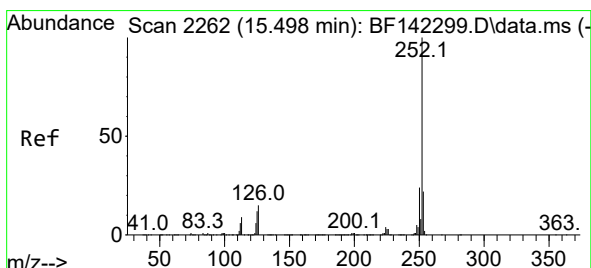
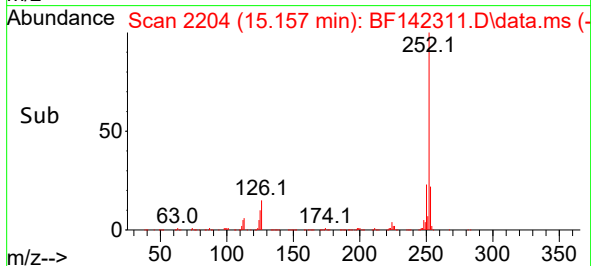
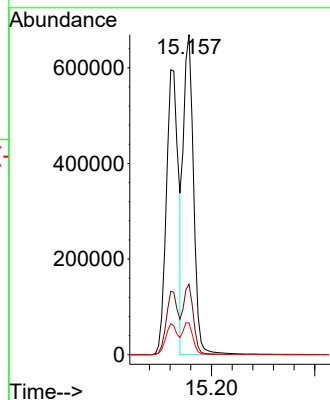
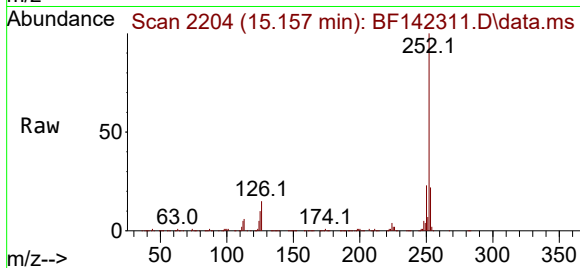
Tgt Ion:252 Resp: 920053

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.9 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.291 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF142311.D

Acq: 12 May 2025 10:47

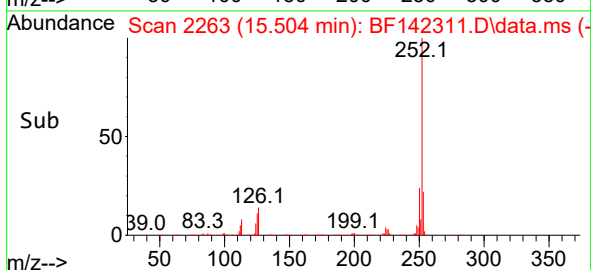
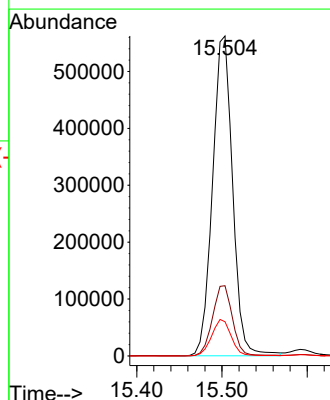
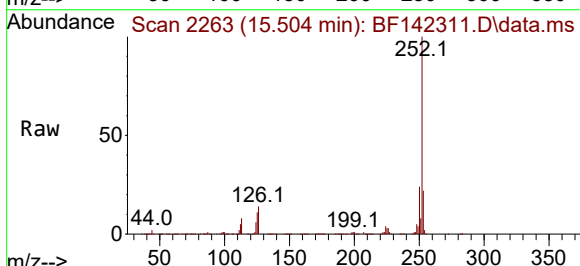
Tgt Ion:252 Resp: 922025

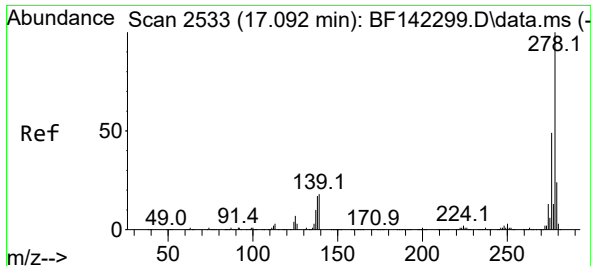
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.7 9.4 14.0

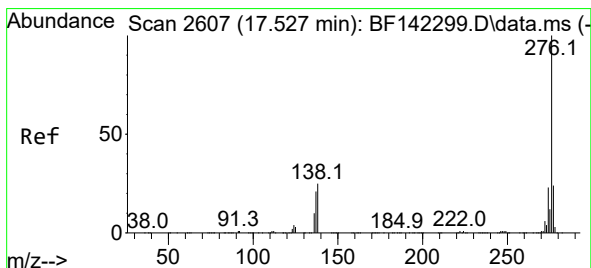
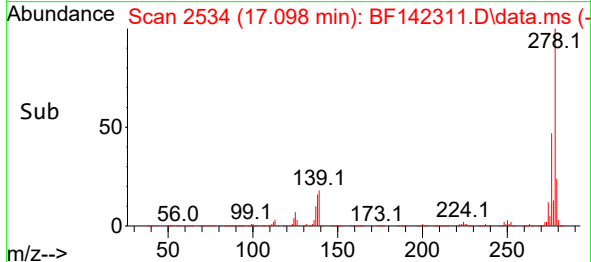
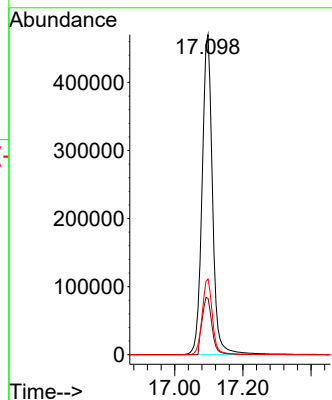
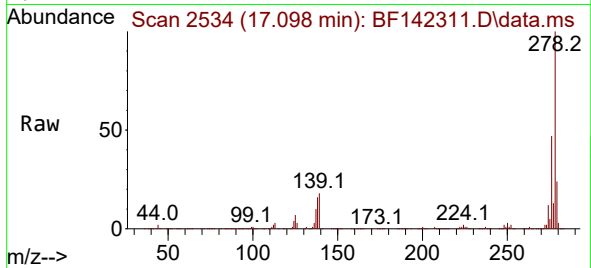




#91
Dibenzo(a,h)anthracene
Concen: 40.346 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1002556
Ion Ratio Lower Upper
278 100
139 17.6 14.5 21.7
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.293 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142311.D
Acq: 12 May 2025 10:47

Tgt Ion:276 Resp: 993728
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 24.0 19.8 29.6

