

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142748.D
 Acq On : 12 Jun 2025 09:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 12 11:52:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	70133	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	258971	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	130776	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	201441	20.000	ng	0.00
76) Chrysene-d12	14.068	240	120471	20.000	ng	0.00
86) Perylene-d12	15.562	264	146263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	329486	80.014	ng	0.00
7) Phenol-d6	6.522	99	376588	77.709	ng	0.00
23) Nitrobenzene-d5	7.457	82	374556	79.154	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	104333	72.793	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	788374	80.091	ng	0.00
79) Terphenyl-d14	13.010	244	600158	68.422	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	66882	41.041	ng	99
3) Pyridine	3.434	79	165652	40.540	ng	99
4) n-Nitrosodimethylamine	3.387	42	83985	40.171	ng	97
6) Aniline	6.557	93	250577	38.633	ng	99
8) 2-Chlorophenol	6.675	128	177033	39.340	ng	99
9) Benzaldehyde	6.445	77	111764	37.242	ng	98
10) Phenol	6.534	94	209919	38.970	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	153270	38.094	ng	100
12) 1,3-Dichlorobenzene	6.834	146	200489	39.039	ng	100
13) 1,4-Dichlorobenzene	6.910	146	203549	39.218	ng	99
14) 1,2-Dichlorobenzene	7.063	146	191488	38.489	ng	100
15) Benzyl Alcohol	7.034	79	138577	37.834	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	238329	37.623	ng	97
17) 2-Methylphenol	7.145	107	133351	38.654	ng	98
18) Hexachloroethane	7.404	117	72032	38.727	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	111480	36.135	ng	99
20) 3+4-Methylphenols	7.298	107	164259	37.767	ng	96
22) Acetophenone	7.304	105	223776	38.846	ng	98
24) Nitrobenzene	7.475	77	167873	39.972	ng	97
25) Isophorone	7.716	82	294180	36.718	ng	99
26) 2-Nitrophenol	7.792	139	91018	38.833	ng	99
27) 2,4-Dimethylphenol	7.828	122	157079	39.362	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	188926	37.980	ng	99
29) 2,4-Dichlorophenol	8.033	162	143852	39.061	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	160740	39.499	ng	99
31) Naphthalene	8.198	128	498957	38.957	ng	99
32) Benzoic acid	7.933	122	78408	34.889	ng	99
33) 4-Chloroaniline	8.245	127	195086	37.937	ng	98
34) Hexachlorobutadiene	8.316	225	103103	39.758	ng	99
35) Caprolactam	8.610	113	34257	34.460	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	141074	36.840	ng	97
37) 2-Methylnaphthalene	8.886	142	305097	37.635	ng	99
38) 1-Methylnaphthalene	8.986	142	316731	37.715	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	155435	41.066	ng	99
41) Hexachlorocyclopentadiene	9.039	237	94006	38.696	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	99742	40.709	ng	99

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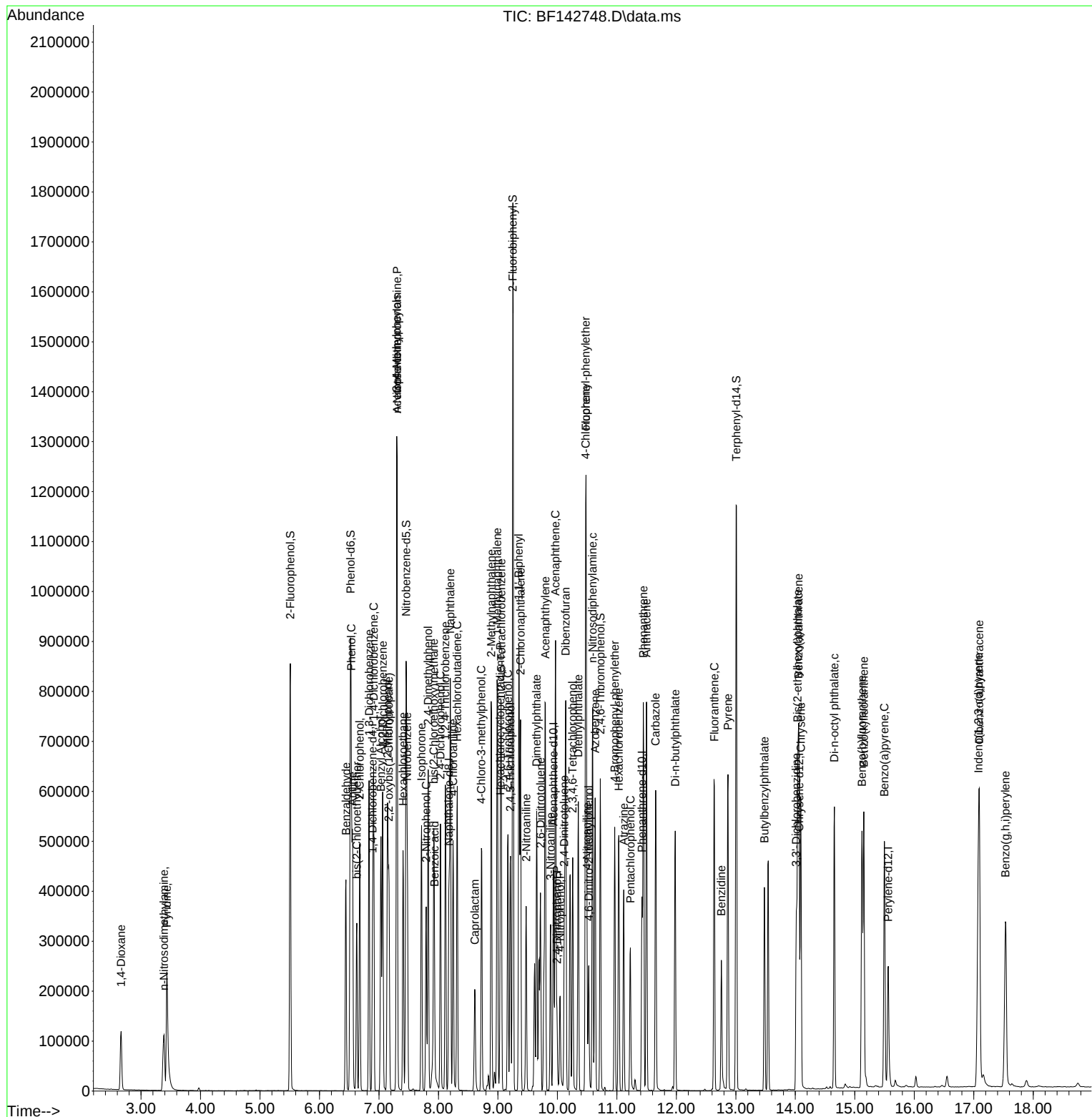
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	105174	39.743	ng	98
46) 1,1'-Biphenyl	9.351	154	407565	40.135	ng	100
47) 2-Chloronaphthalene	9.380	162	302204	40.394	ng	99
48) 2-Nitroaniline	9.475	65	82073	38.571	ng	97
49) Acenaphthylene	9.798	152	500419	39.670	ng	99
50) Dimethylphthalate	9.651	163	326405	37.376	ng	100
51) 2,6-Dinitrotoluene	9.716	165	69605	36.878	ng	94
52) Acenaphthene	9.969	154	301998	38.612	ng	100
53) 3-Nitroaniline	9.886	138	75792	37.023	ng	100
54) 2,4-Dinitrophenol	9.992	184	32667	31.596	ng	93
55) Dibenzofuran	10.139	168	429895	38.599	ng	99
56) 4-Nitrophenol	10.045	139	48481	34.917	ng	98
57) 2,4-Dinitrotoluene	10.116	165	91979	36.858	ng	98
58) Fluorene	10.480	166	328798	37.384	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	82049	36.854	ng	99
60) Diethylphthalate	10.351	149	307692	35.532	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	162013	37.719	ng	98
62) 4-Nitroaniline	10.498	138	66486	36.302	ng	99
63) Azobenzene	10.633	77	276276	36.531	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	45921	36.403	ng	96
66) n-Nitrosodiphenylamine	10.592	169	275769	39.826	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	93175	39.186	ng	97
68) Hexachlorobenzene	11.033	284	102465	38.821	ng	97
69) Atrazine	11.116	200	67086	36.340	ng	99
70) Pentachlorophenol	11.227	266	51113	36.943	ng	99
71) Phenanthrene	11.445	178	415432	38.495	ng	100
72) Anthracene	11.498	178	431416	38.643	ng	99
73) Carbazole	11.651	167	359418	38.456	ng	99
74) Di-n-butylphthalate	11.980	149	383024	36.702	ng	100
75) Fluoranthene	12.639	202	382336	37.257	ng	100
77) Benzidine	12.757	184	166513	38.811	ng	99
78) Pyrene	12.868	202	384138	34.312	ng	99
80) Butylbenzylphthalate	13.480	149	136432	41.210	ng	98
81) Benzo(a)anthracene	14.057	228	312617	39.159	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	112029	43.517	ng	99
83) Chrysene	14.092	228	292572	39.694	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	212853	42.841	ng	99
85) Di-n-octyl phthalate	14.657	149	396275	41.573	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	414622	38.253	ng	99
88) Benzo(b)fluoranthene	15.121	252	318602	36.994	ng	100
89) Benzo(k)fluoranthene	15.151	252	331629	39.687	ng	99
90) Benzo(a)pyrene	15.498	252	319962	39.075	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	335674	37.928	ng	100
92) Benzo(g,h,i)perylene	17.533	276	328990	37.382	ng	99

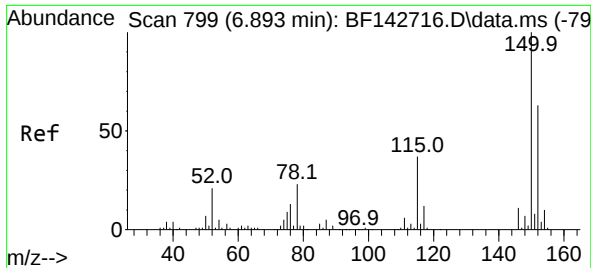
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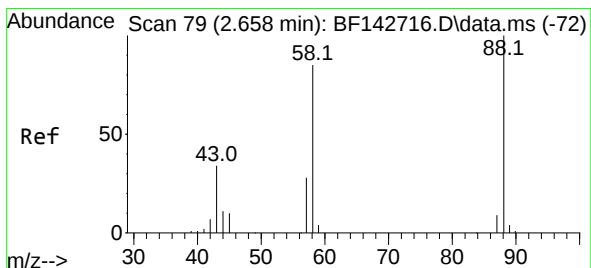
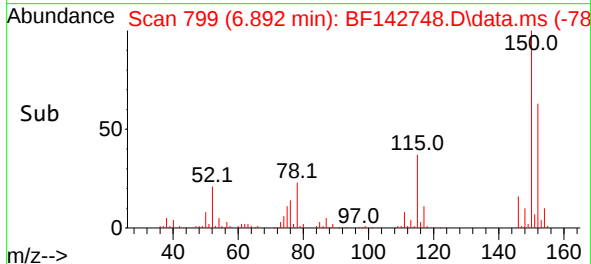
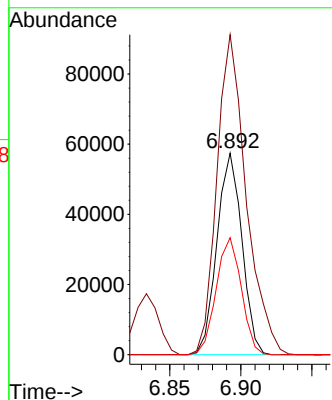
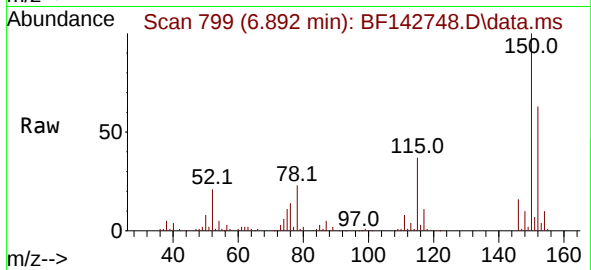




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF142748.D
 Acq: 12 Jun 2025 09:50

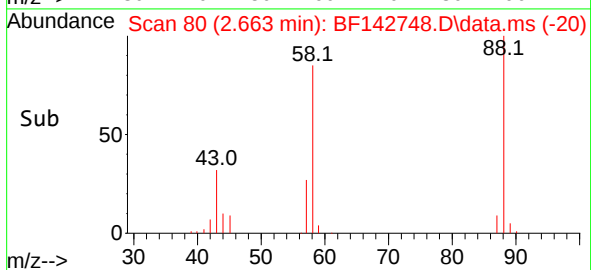
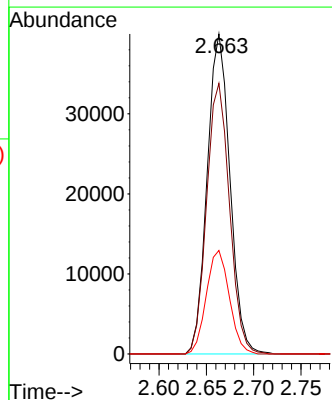
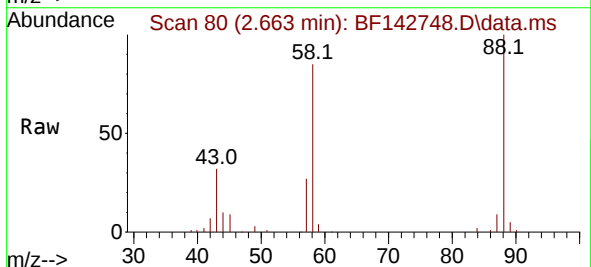
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

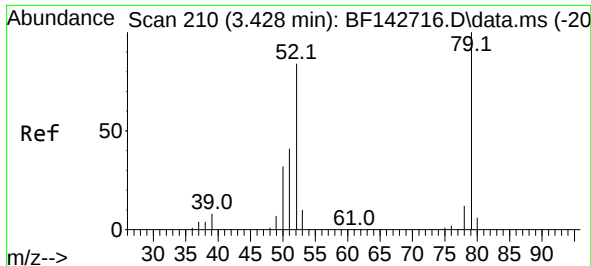
Tgt Ion:152 Resp: 70133
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.9 190.3
 115 58.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 41.041 ng
 RT: 2.663 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF142748.D
 Acq: 12 Jun 2025 09:50

Tgt Ion: 88 Resp: 66882
 Ion Ratio Lower Upper
 88 100
 58 85.0 68.4 102.6
 43 32.7 27.0 40.6





#3

Pyridine

Concen: 40.540 ng

RT: 3.434 min Scan# 210

Delta R.T. 0.006 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

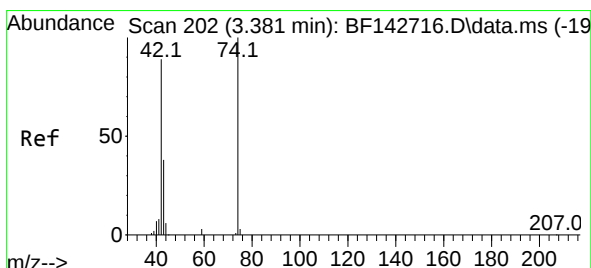
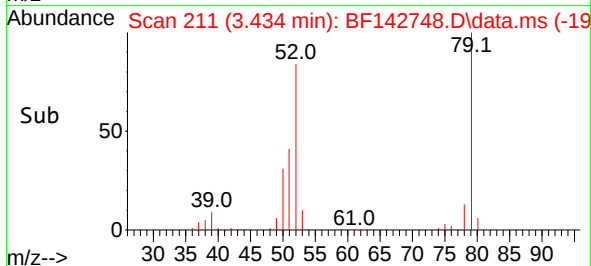
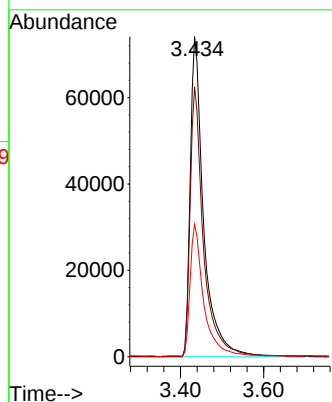
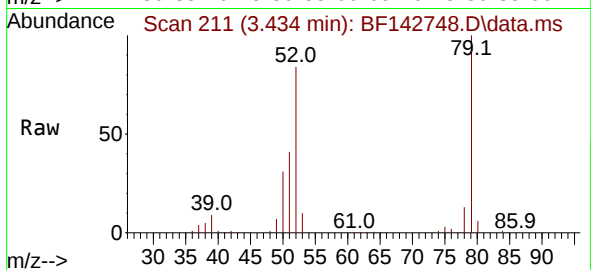
Tgt Ion: 79 Resp: 165652

Ion Ratio Lower Upper

79 100

52 84.4 67.1 100.7

51 41.4 32.6 48.8



#4

n-Nitrosodimethylamine

Concen: 40.171 ng

RT: 3.387 min Scan# 203

Delta R.T. 0.006 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

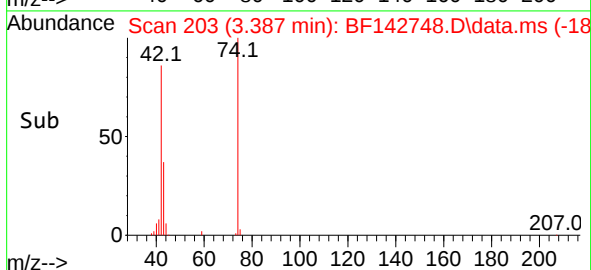
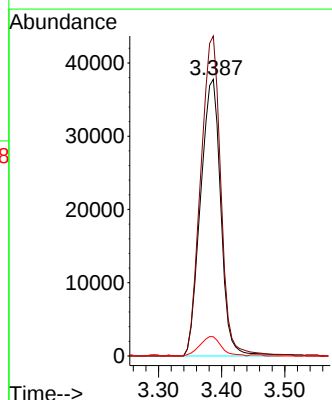
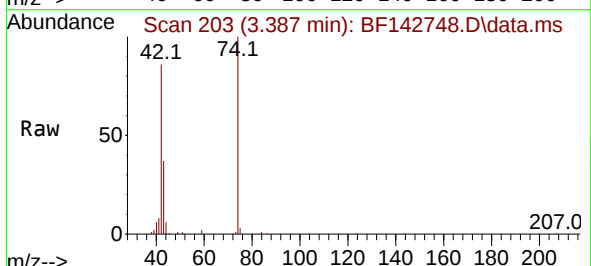
Tgt Ion: 42 Resp: 83985

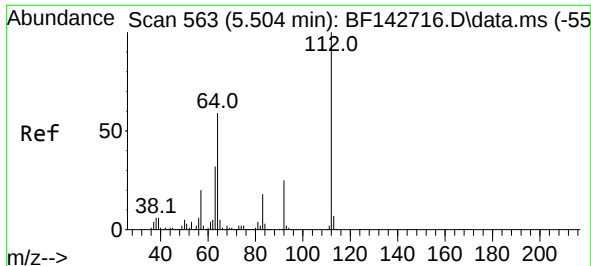
Ion Ratio Lower Upper

42 100

74 115.7 89.6 134.4

44 6.9 5.4 8.2

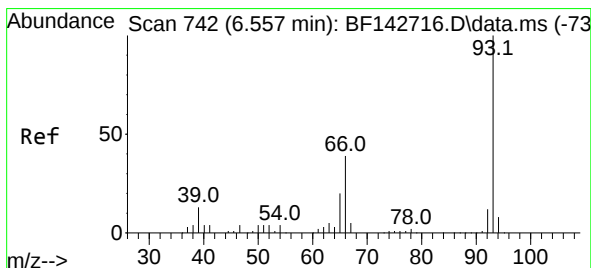
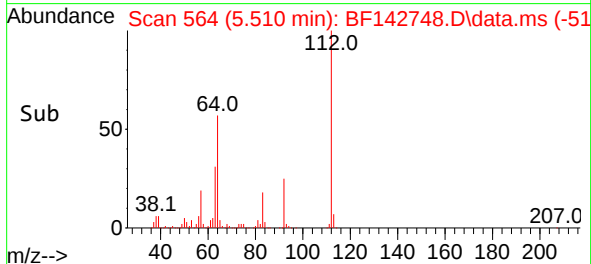
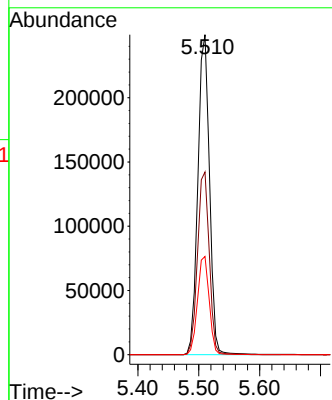
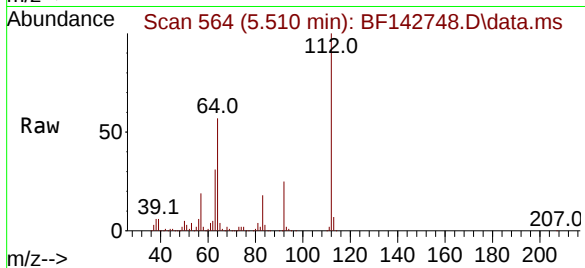




#5
2-Fluorophenol
Concen: 80.014 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

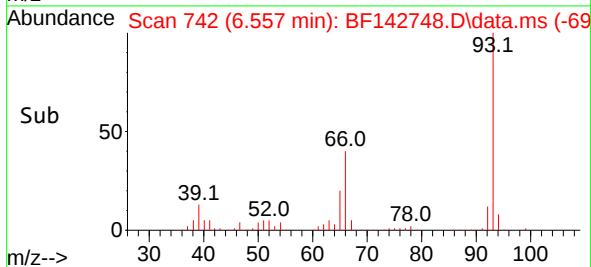
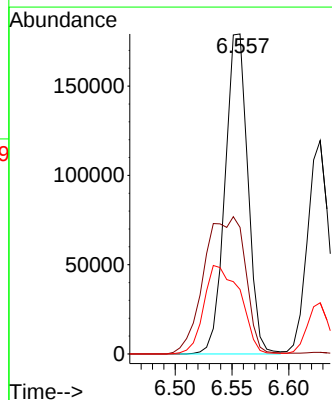
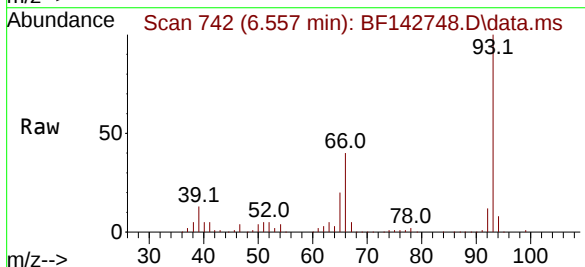
Instrument :
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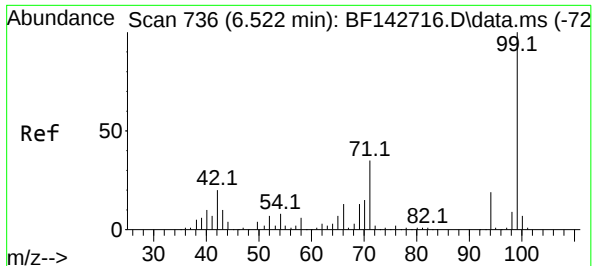
Tgt Ion:112 Resp: 329486
Ion Ratio Lower Upper
112 100
64 57.1 47.4 71.2
63 30.7 25.4 38.0



#6
Aniline
Concen: 38.633 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion: 93 Resp: 250577
Ion Ratio Lower Upper
93 100
66 39.6 32.0 48.0
65 20.2 16.1 24.1

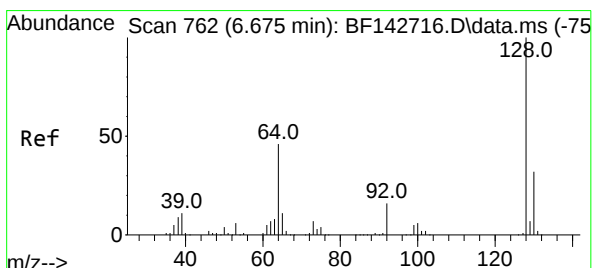
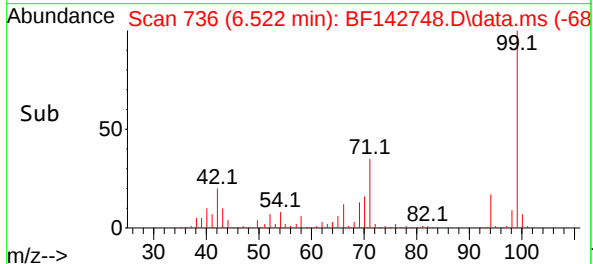
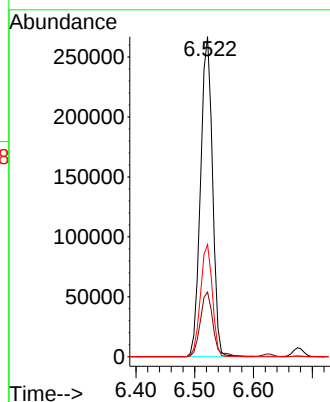
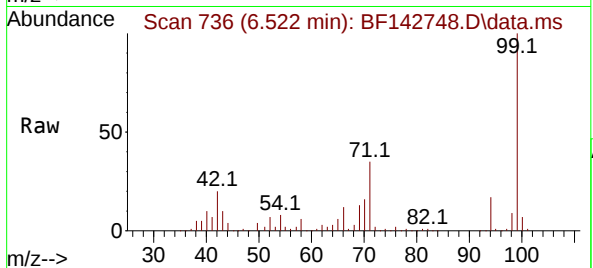




#7
Phenol-d6
Concen: 77.709 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

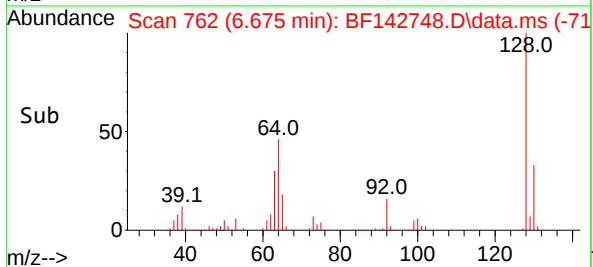
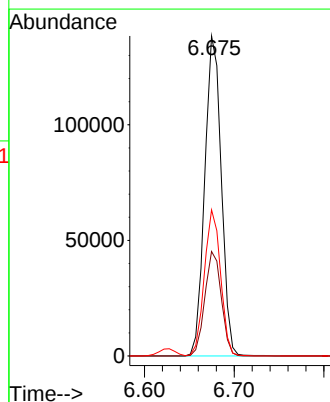
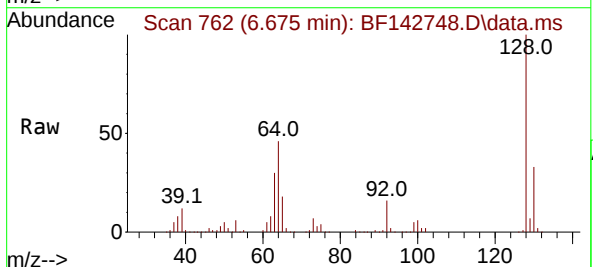
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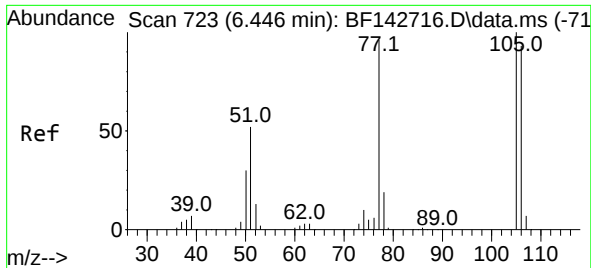
Tgt Ion: 99 Resp: 376588
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 35.1 28.0 42.0



#8
2-Chlorophenol
Concen: 39.340 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion: 128 Resp: 177033
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 45.6 26.5 66.5





#9

Benzaldehyde

Concen: 37.242 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.001 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

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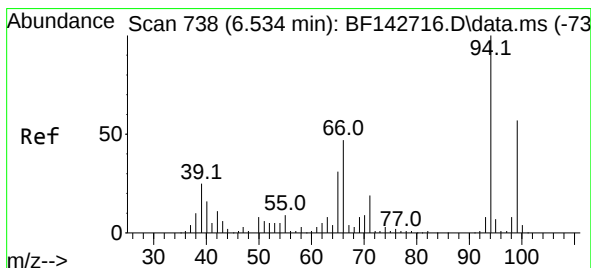
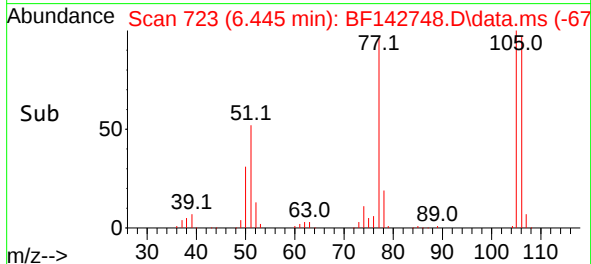
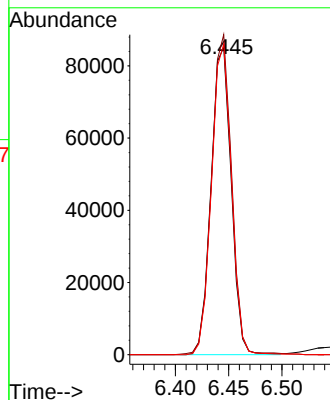
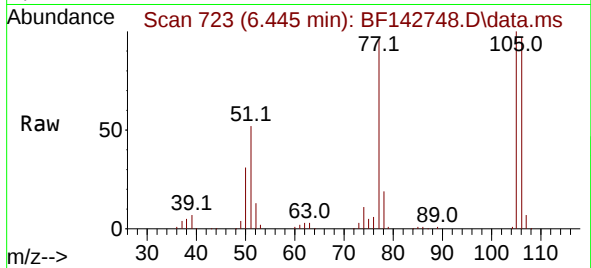
Tgt Ion: 77 Resp: 111764

Ion Ratio Lower Upper

77 100

105 104.1 84.1 124.1

106 101.1 77.2 117.2



#10

Phenol

Concen: 38.970 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.000 min

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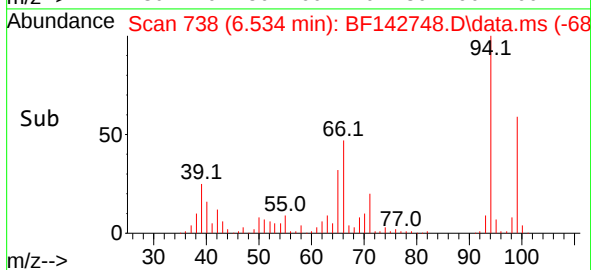
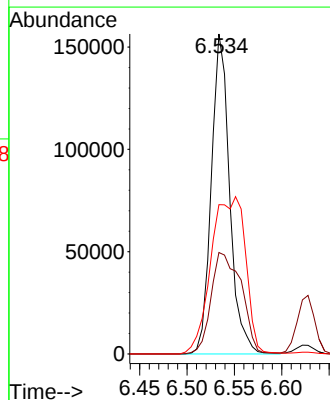
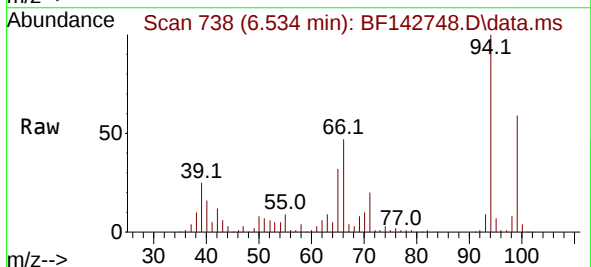
Tgt Ion: 94 Resp: 209919

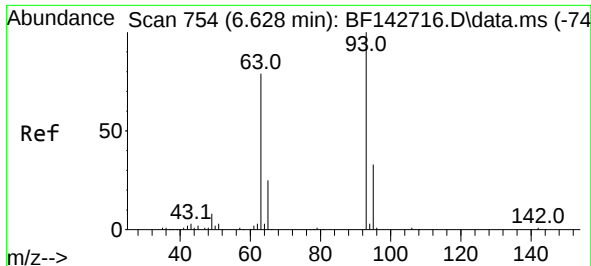
Ion Ratio Lower Upper

94 100

65 31.7 11.4 51.4

66 46.7 26.7 66.7

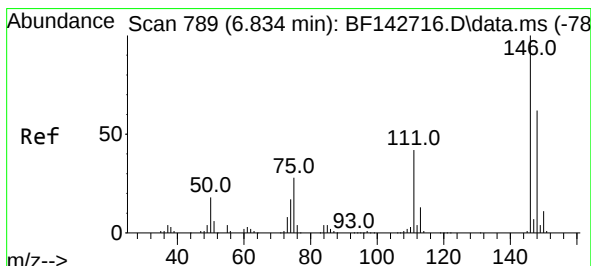
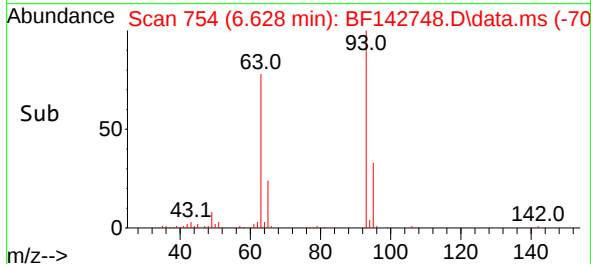
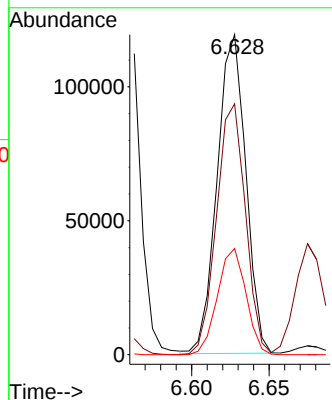
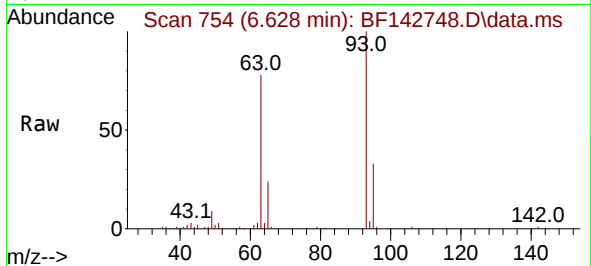




#11
bis(2-Chloroethyl)ether
Concen: 38.094 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

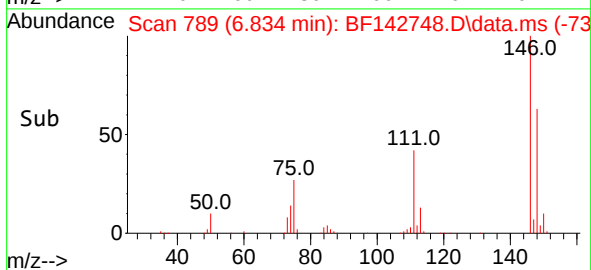
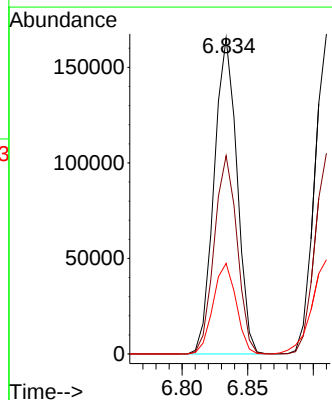
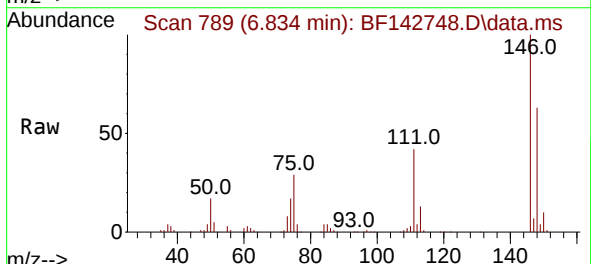
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

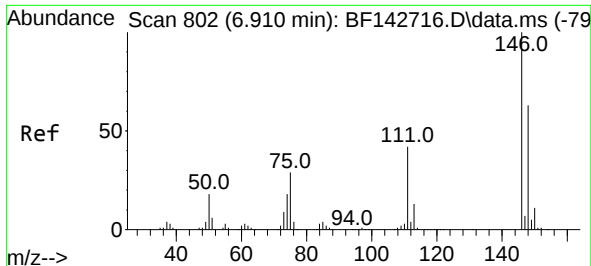
Tgt Ion: 93 Resp: 153270
Ion Ratio Lower Upper
93 100
63 78.4 58.3 98.3
95 33.2 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 39.039 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:146 Resp: 200489
Ion Ratio Lower Upper
146 100
148 62.7 49.9 74.9
75 28.7 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 39.218 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

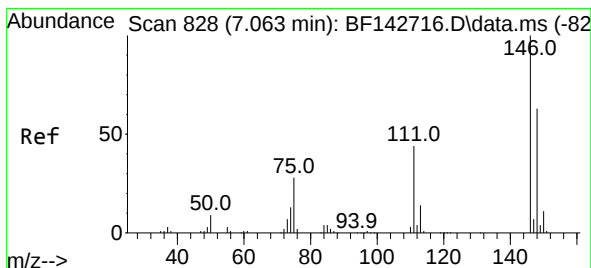
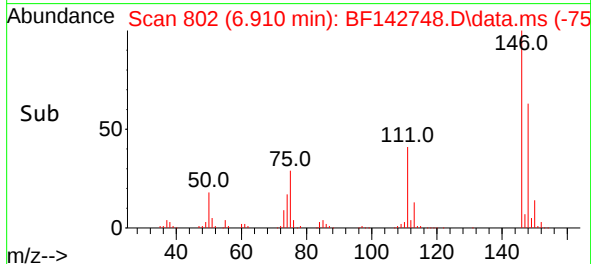
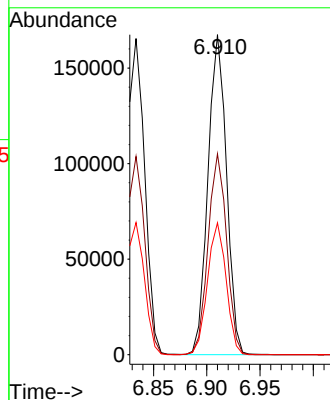
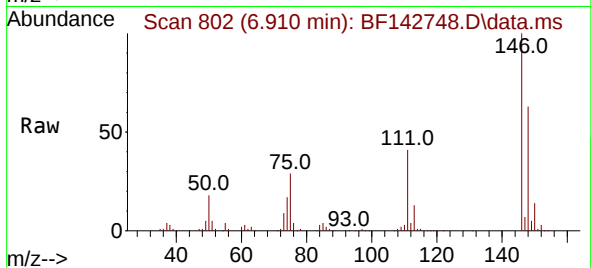
Tgt Ion:146 Resp: 203549

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 41.2 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 38.489 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

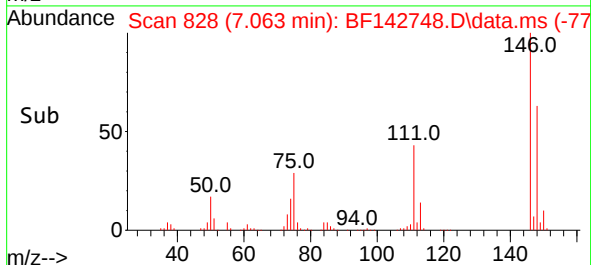
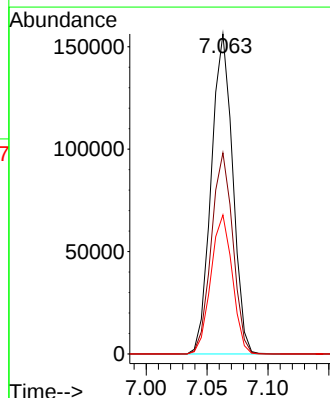
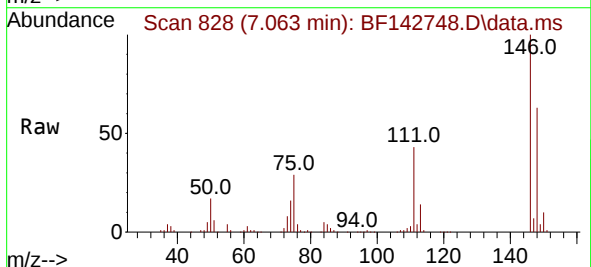
Tgt Ion:146 Resp: 191488

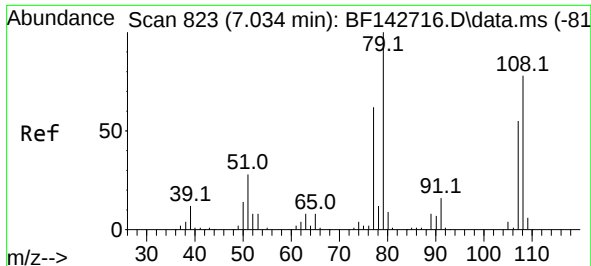
Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

111 43.4 35.2 52.8

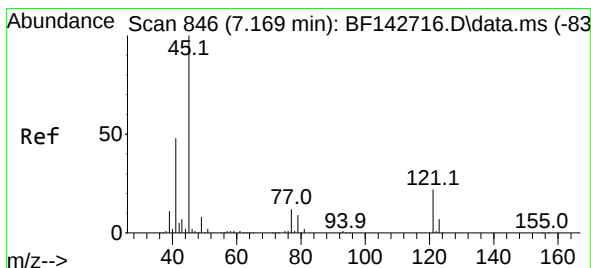
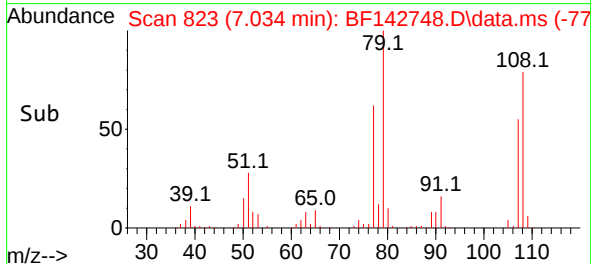
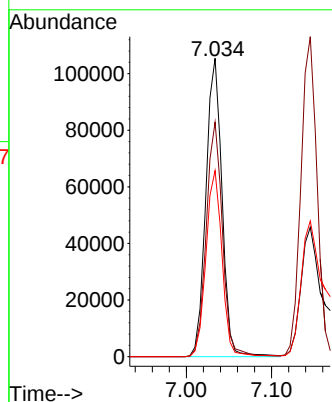
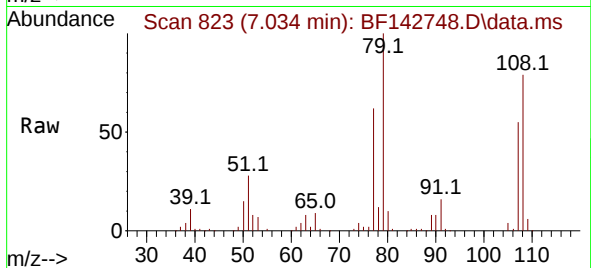




#15
Benzyl Alcohol
Concen: 37.834 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

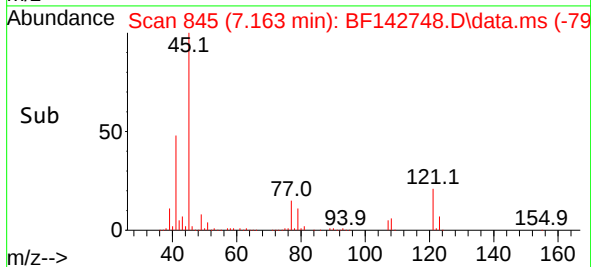
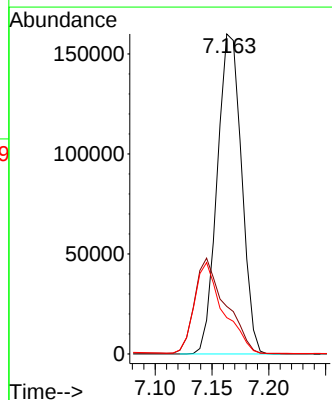
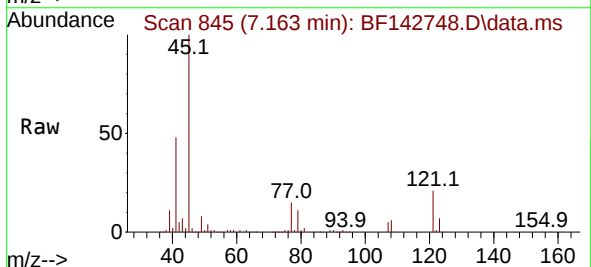
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

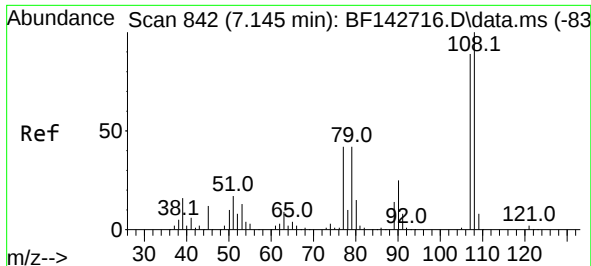
Tgt Ion: 79 Resp: 138577
Ion Ratio Lower Upper
79 100
108 78.6 62.6 94.0
77 62.4 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.623 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion: 45 Resp: 238329
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.1
79 11.4 0.0 30.5

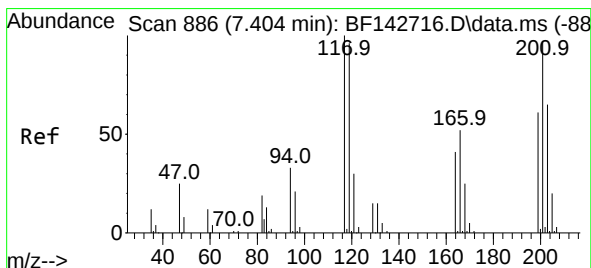
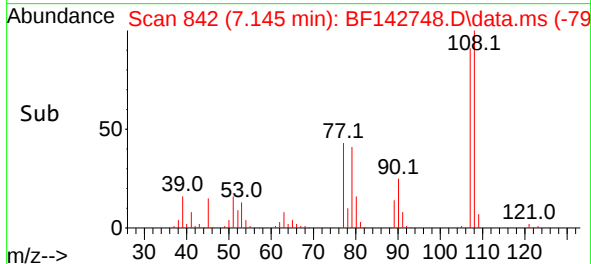
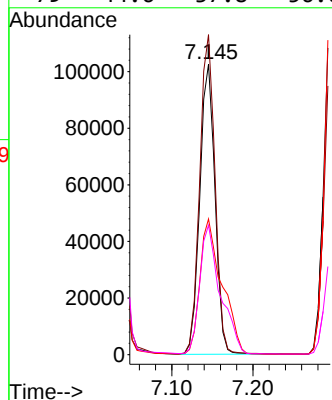
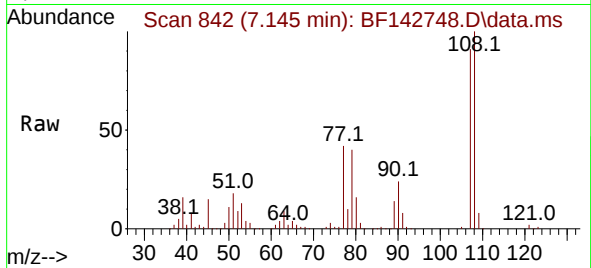




#17
2-Methylphenol
Concen: 38.654 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

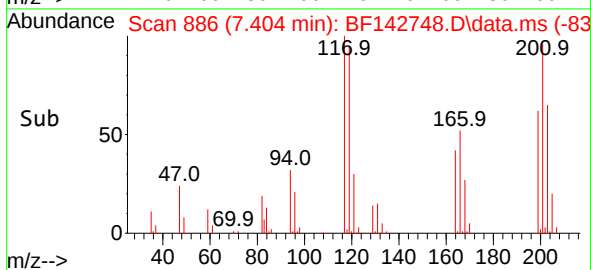
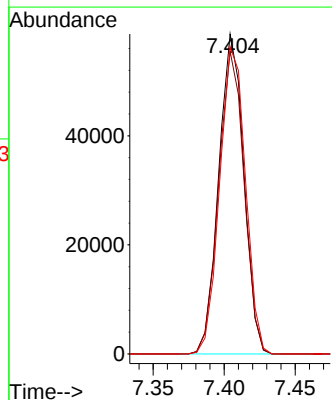
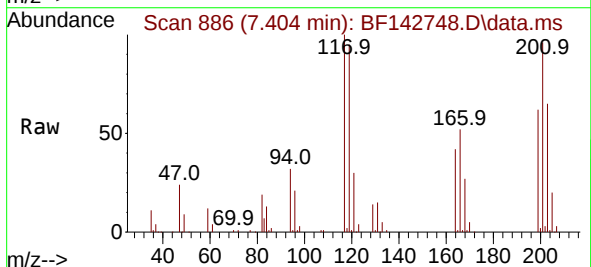
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

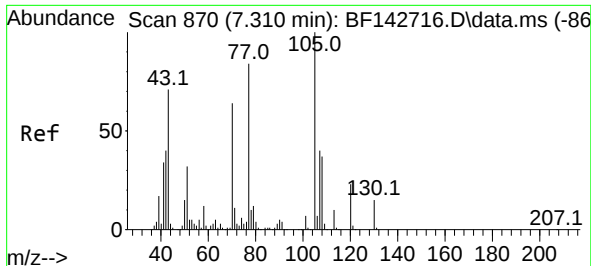
Tgt Ion:107 Resp: 133351
Ion Ratio Lower Upper
107 100
108 110.2 90.0 135.0
77 46.7 38.2 57.2
79 44.6 37.8 56.6



#18
Hexachloroethane
Concen: 38.727 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:117 Resp: 72032
Ion Ratio Lower Upper
117 100
119 94.5 76.4 114.6
201 96.0 77.8 116.6



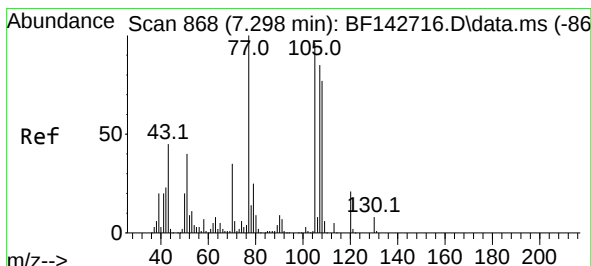
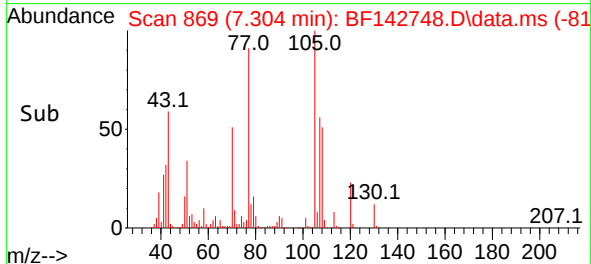
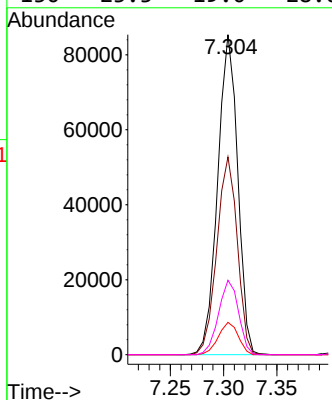
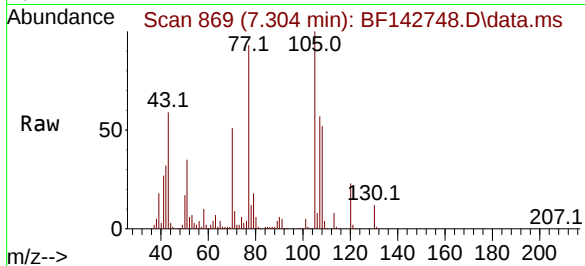


#19
n-Nitroso-di-n-propylamine
Concen: 36.135 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 111480

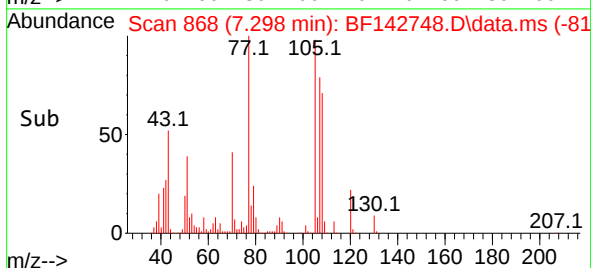
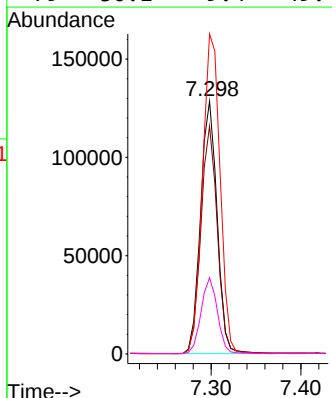
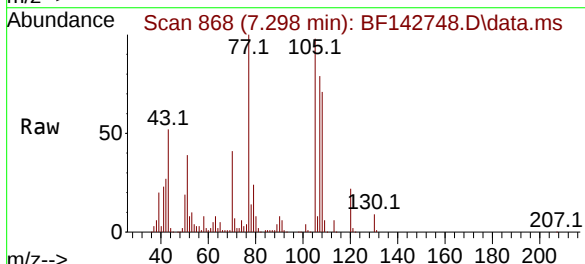
Ion	Ratio	Lower	Upper
70	100		
42	61.8	50.2	75.4
101	10.1	8.3	12.5
130	23.3	19.0	28.6

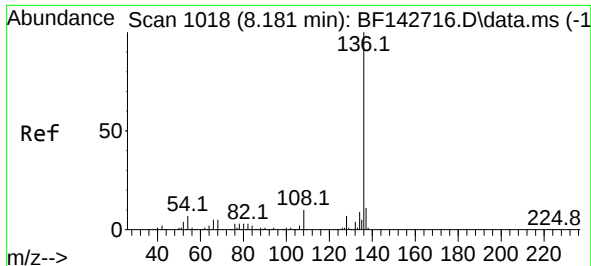


#20
3+4-Methylphenols
Concen: 37.767 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion: 107 Resp: 164259

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.9	109.9
77	126.6	97.4	137.4
79	30.1	9.4	49.4

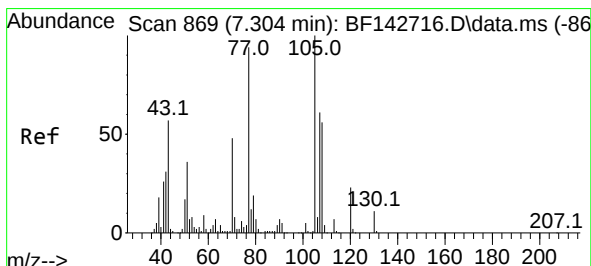
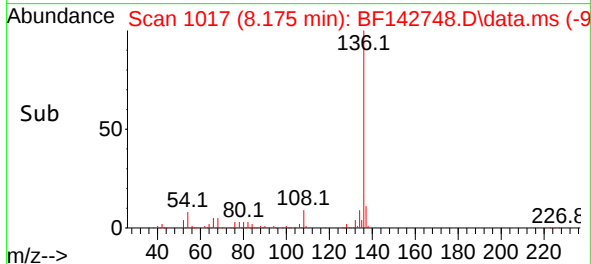
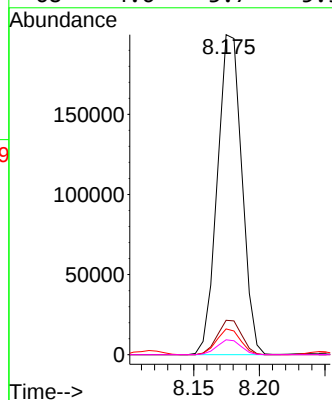
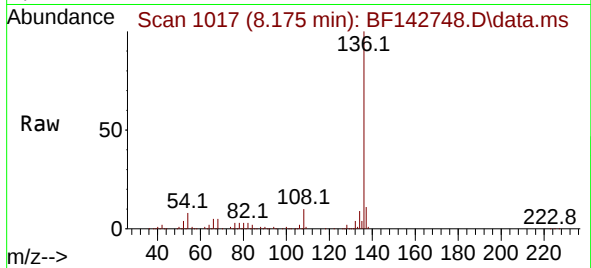




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

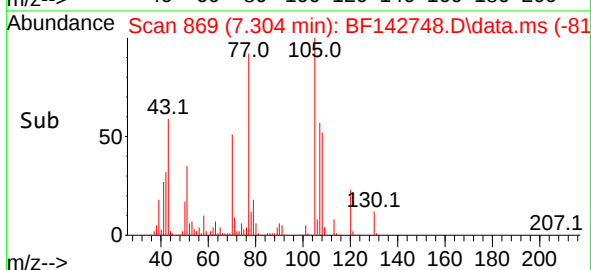
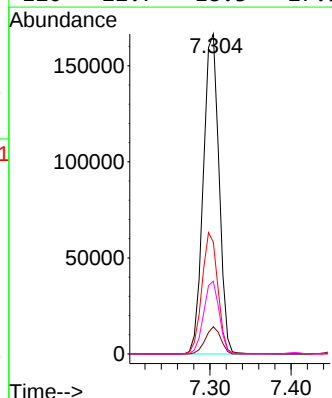
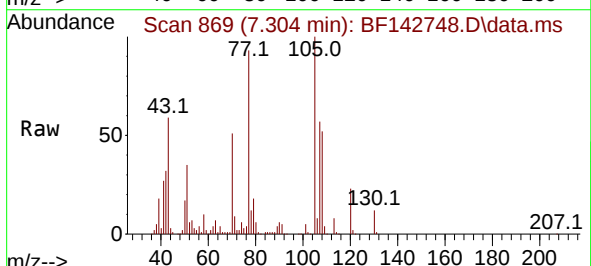
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

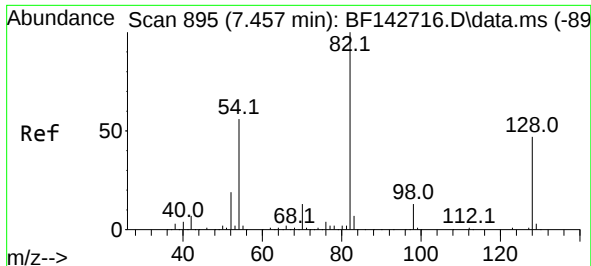
Tgt Ion:136 Resp: 258971
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.1 5.9 8.9
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 38.846 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:105 Resp: 223776
Ion Ratio Lower Upper
105 100
71 8.5 6.4 9.6
51 35.0 29.1 43.7
120 22.7 18.3 27.5





#23

Nitrobenzene-d5

Concen: 79.154 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

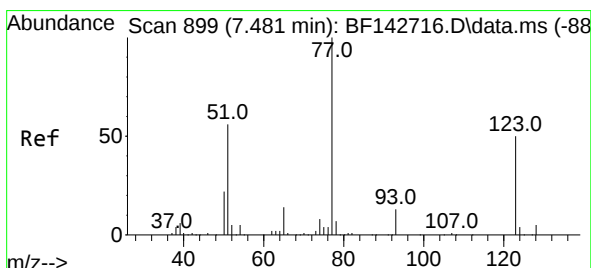
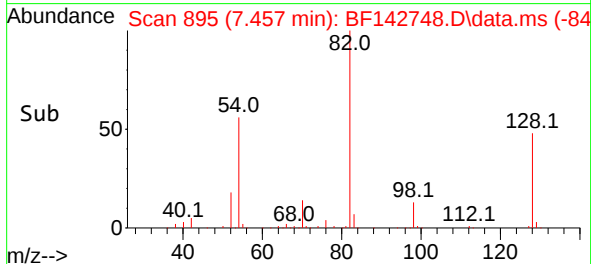
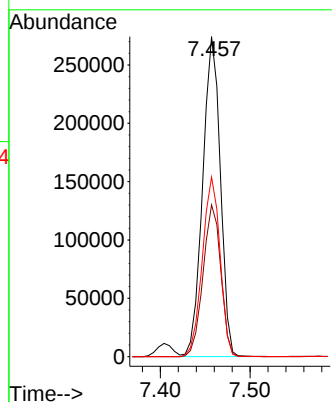
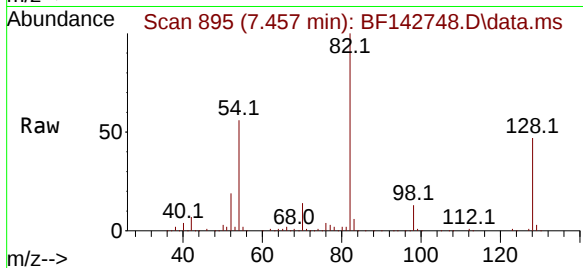
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 374556

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.8	56.8
54	56.1	44.9	67.3



#24

Nitrobenzene

Concen: 39.972 ng

RT: 7.475 min Scan# 898

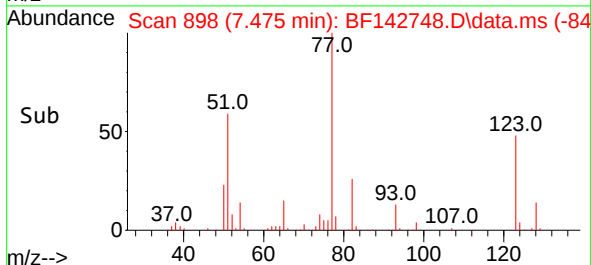
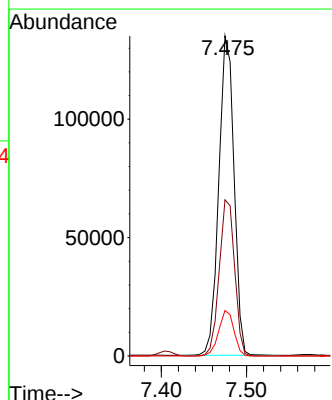
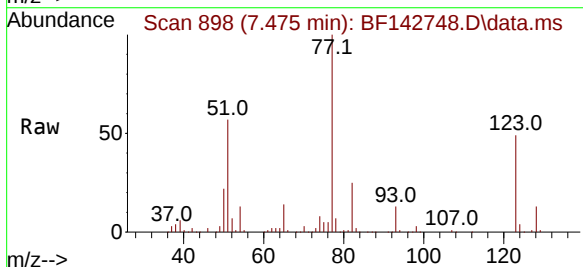
Delta R.T. -0.006 min

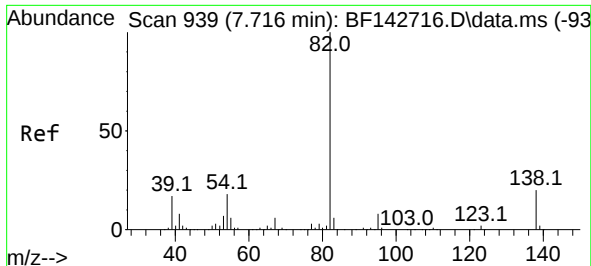
Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Tgt Ion: 77 Resp: 167873

Ion	Ratio	Lower	Upper
77	100		
123	48.8	40.8	61.2
65	14.2	11.5	17.3

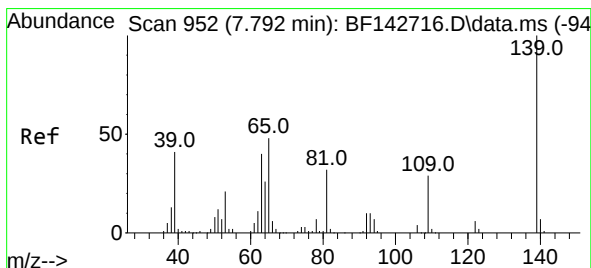
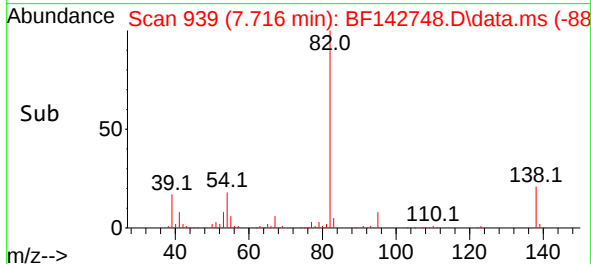
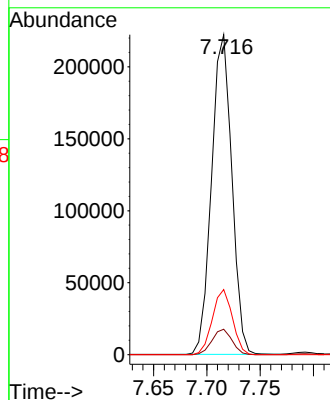
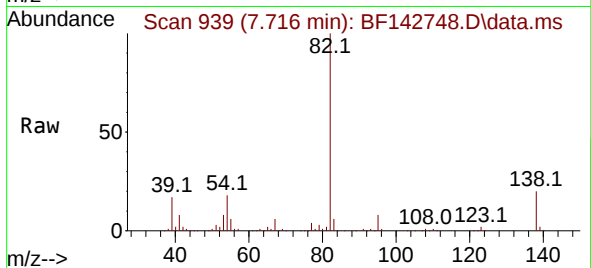




#25
Isophorone
Concen: 36.718 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

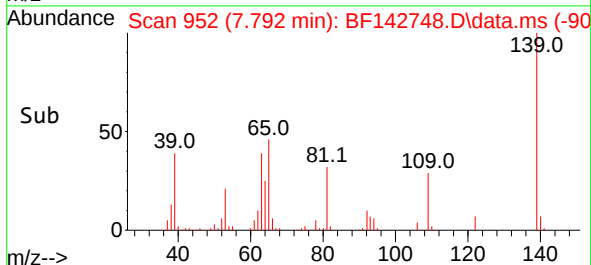
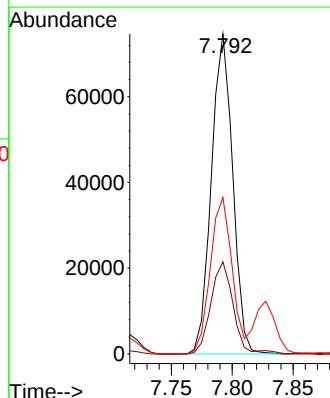
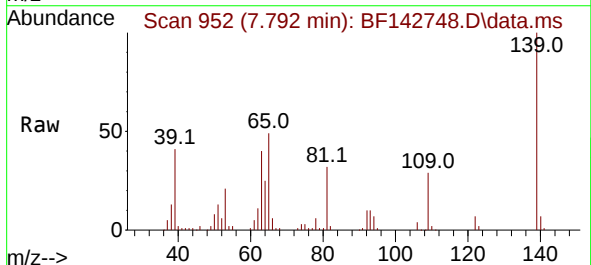
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

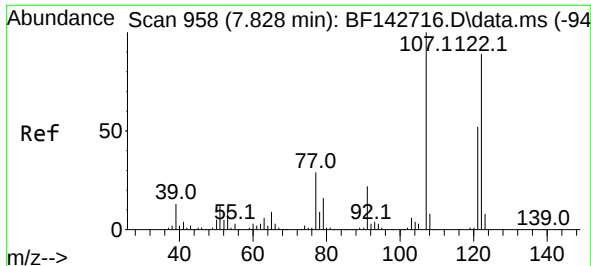
Tgt Ion: 82 Resp: 294180
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 20.3 15.8 23.6



#26
2-Nitrophenol
Concen: 38.833 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:139 Resp: 91018
Ion Ratio Lower Upper
139 100
109 28.8 23.4 35.2
65 48.9 38.7 58.1

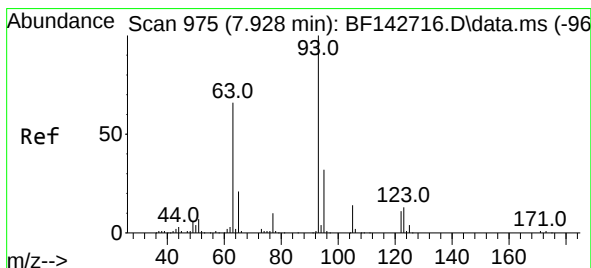
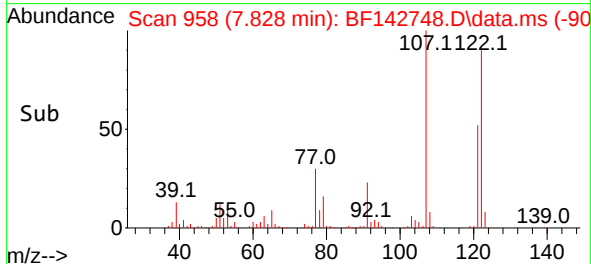
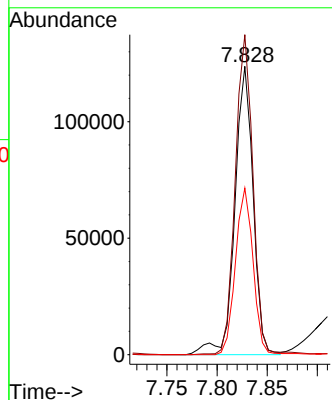
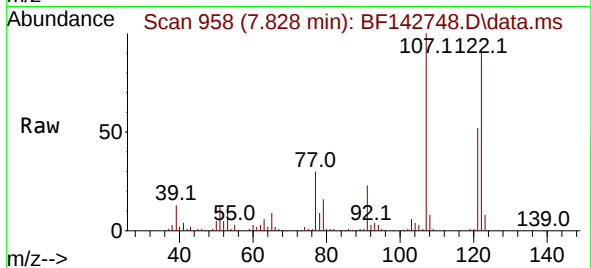




#27
2,4-Dimethylphenol
Concen: 39.362 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

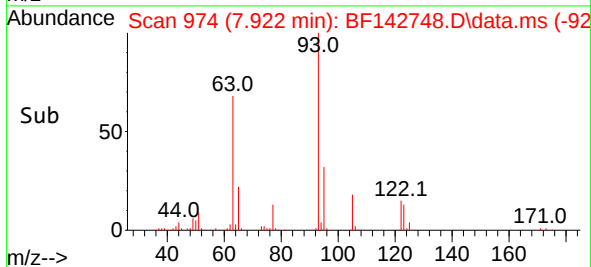
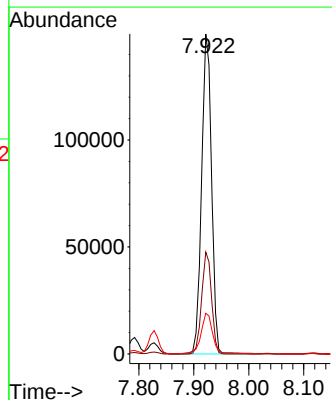
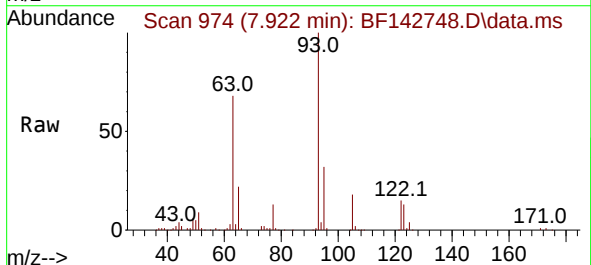
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

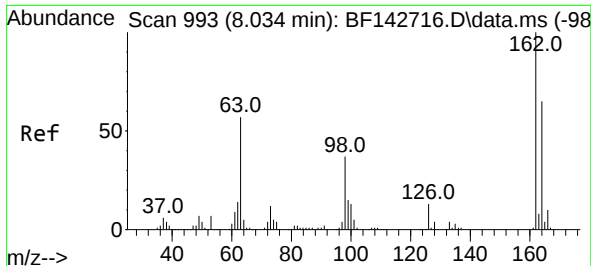
Tgt Ion:122 Resp: 157079
Ion Ratio Lower Upper
122 100
107 111.0 90.4 135.6
121 57.8 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 37.980 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion: 93 Resp: 188926
Ion Ratio Lower Upper
93 100
95 31.9 25.9 38.9
123 12.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 39.061 ng

RT: 8.033 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

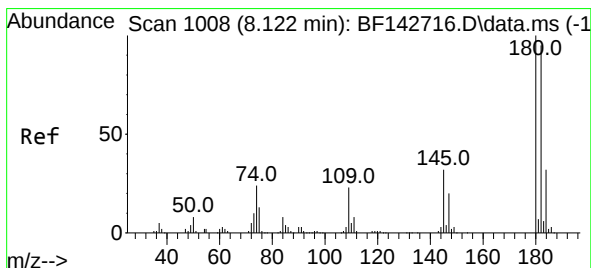
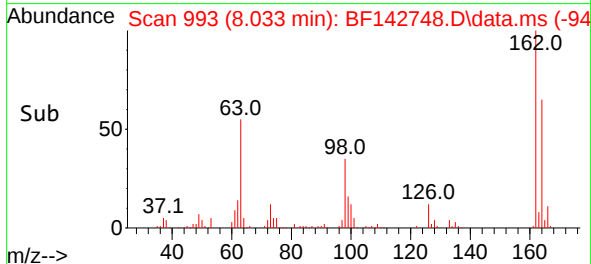
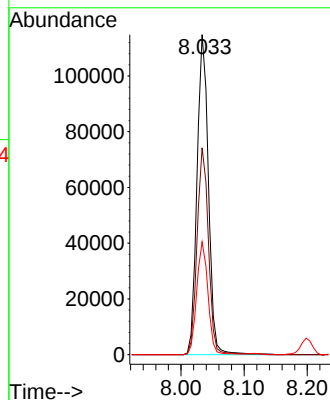
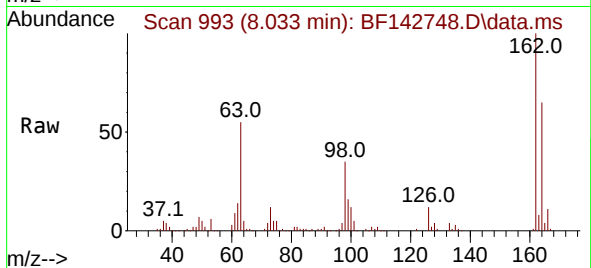
Tgt Ion:162 Resp: 143852

Ion Ratio Lower Upper

162 100

164 64.7 45.1 85.1

98 35.3 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 39.499 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

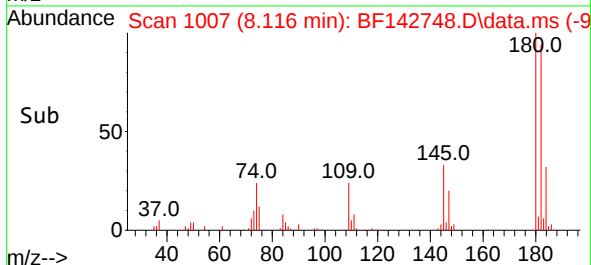
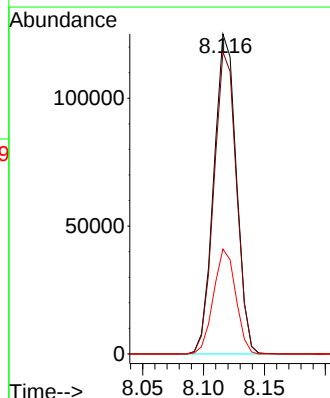
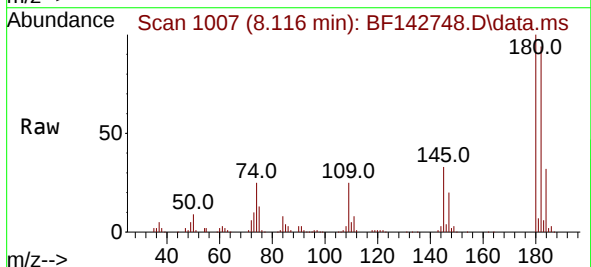
Tgt Ion:180 Resp: 160740

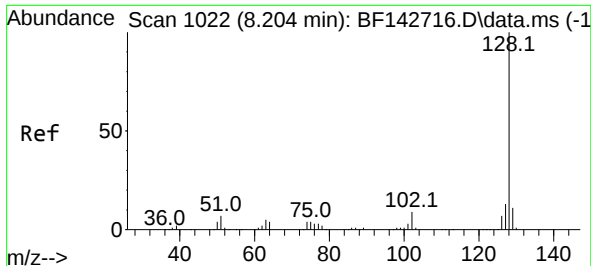
Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 32.8 25.7 38.5

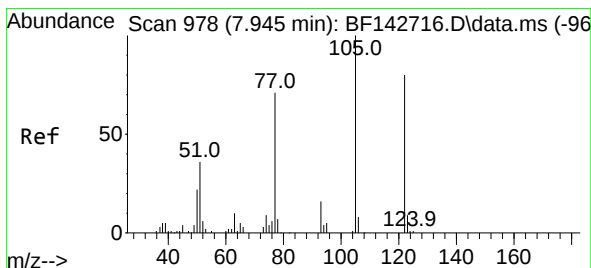
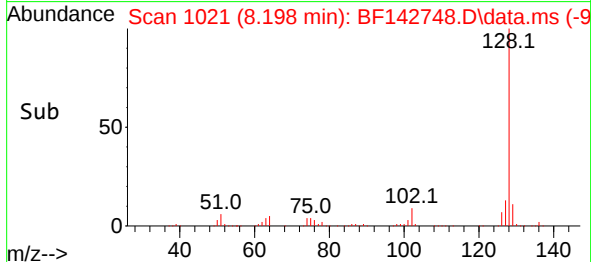
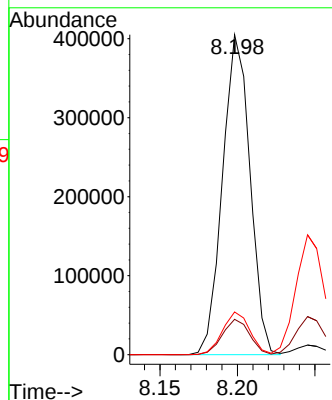
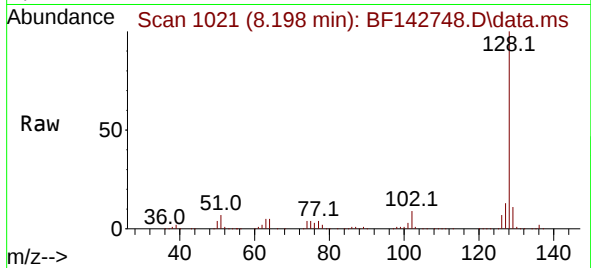




#31
Naphthalene
Concen: 38.957 ng
RT: 8.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

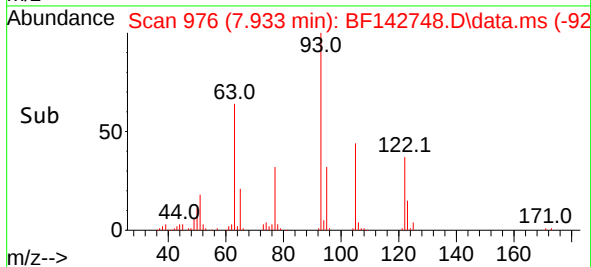
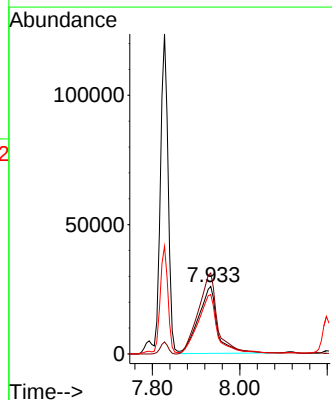
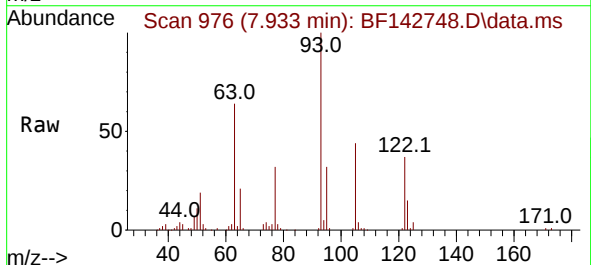
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

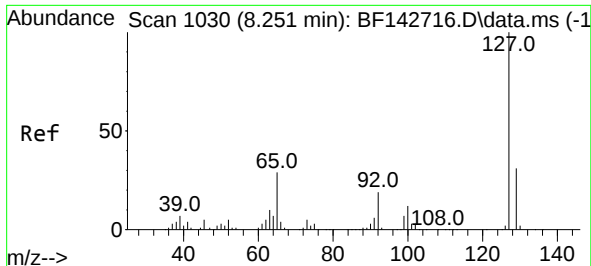
Tgt Ion:128 Resp: 498957
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 34.889 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:122 Resp: 78408
Ion Ratio Lower Upper
122 100
105 120.0 102.6 142.6
77 87.9 68.2 108.2

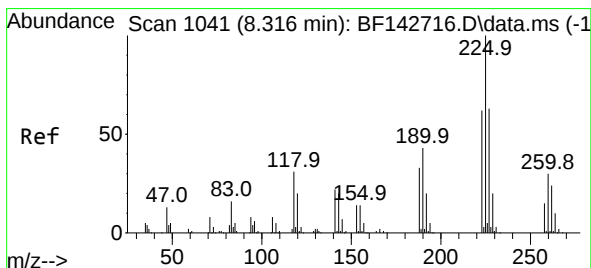
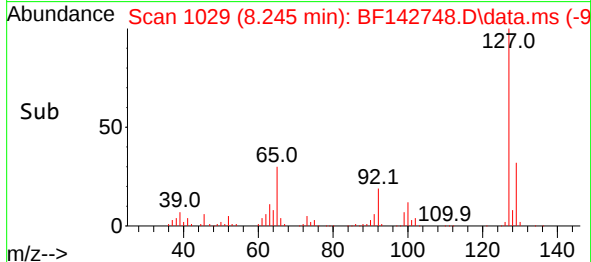
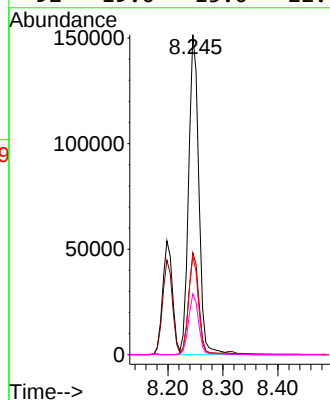
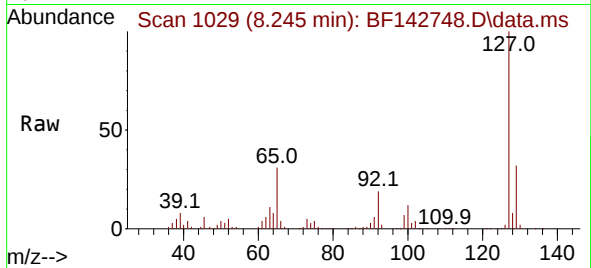




#33
4-Chloroaniline
Concen: 37.937 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

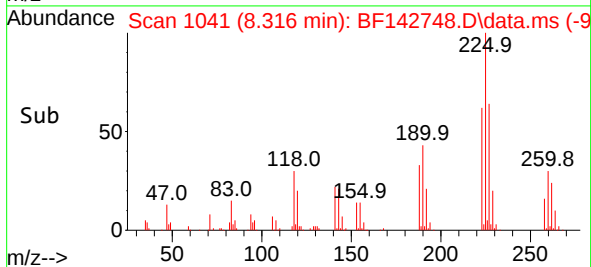
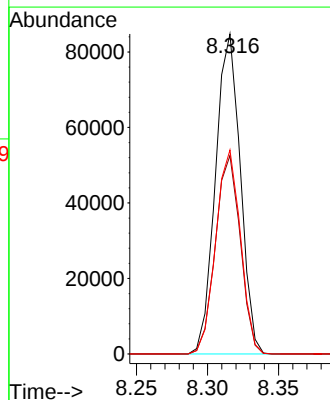
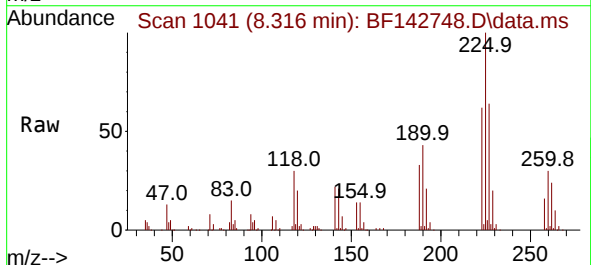
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

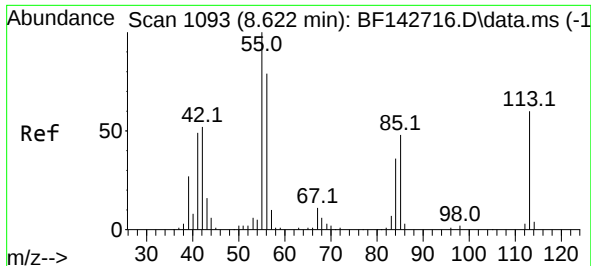
Tgt Ion:127	Resp: 195086
Ion Ratio	Lower Upper
127 100	
129 31.8	25.6 38.4
65 30.7	23.0 34.4
92 19.0	15.0 22.4



#34
Hexachlorobutadiene
Concen: 39.758 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt	Ion:225	Resp:	103103
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.3	73.9
227	63.7	50.6	75.8

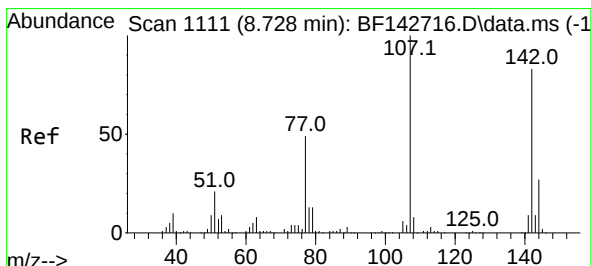
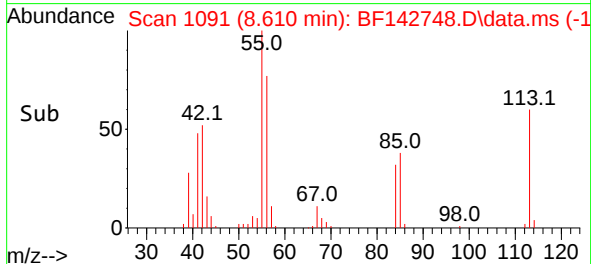
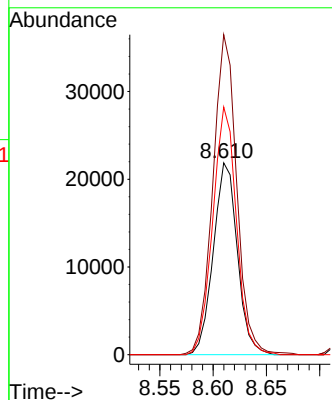
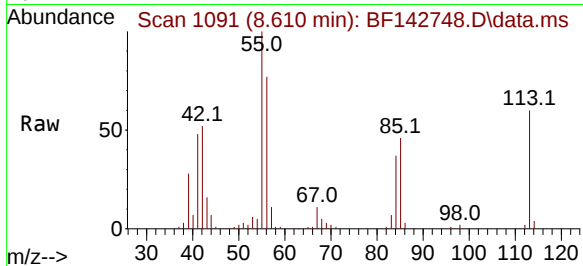




#35
 Caprolactam
 Concen: 34.460 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF142748.D
 Acq: 12 Jun 2025 09:50

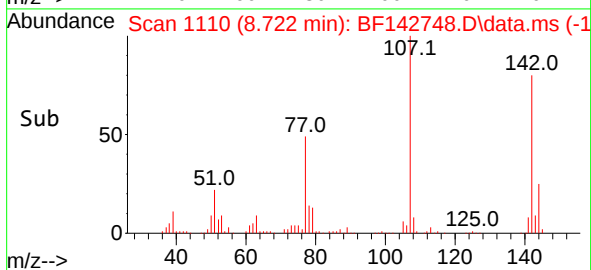
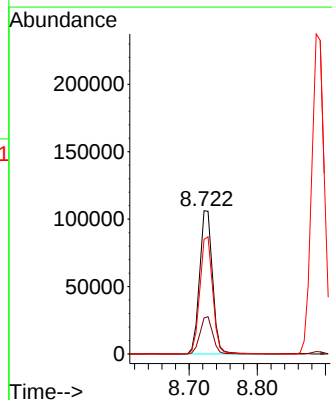
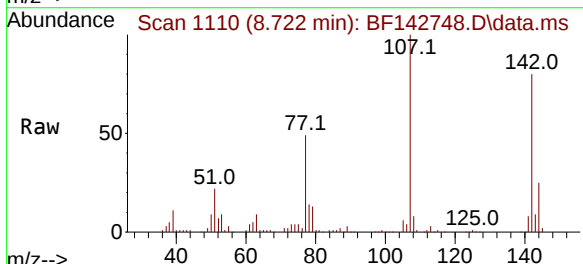
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

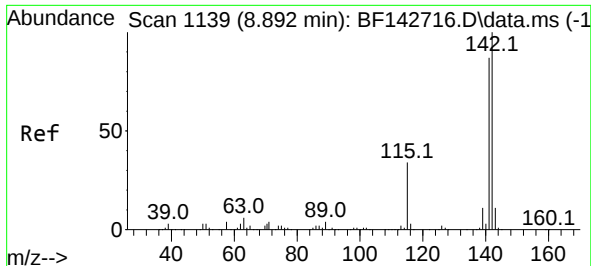
Tgt Ion:113 Resp: 34257
 Ion Ratio Lower Upper
 113 100
 55 166.8 147.9 187.9
 56 129.1 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.840 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF142748.D
 Acq: 12 Jun 2025 09:50

Tgt Ion:107 Resp: 141074
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.3 31.9
 142 80.0 66.2 99.2

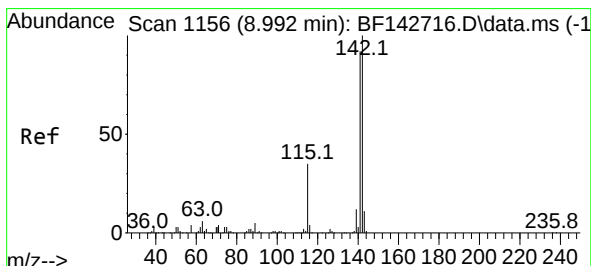
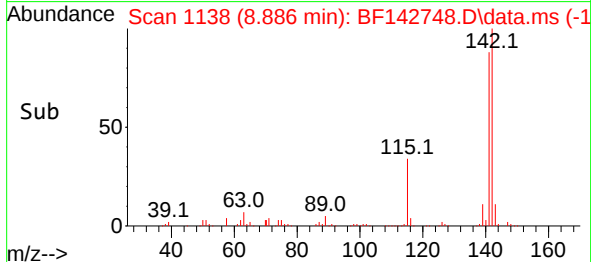
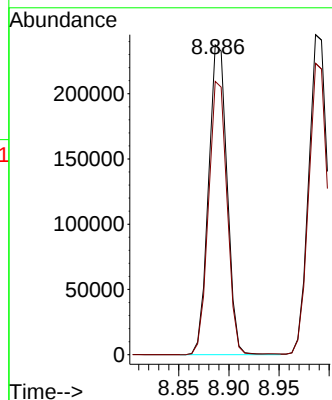
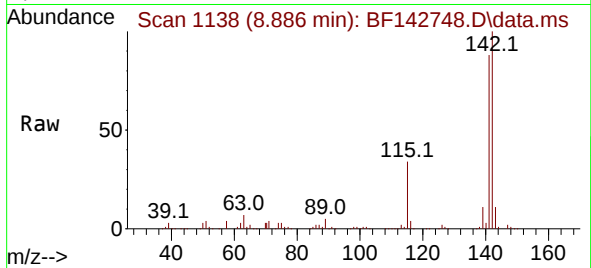




#37
2-Methylnaphthalene
Concen: 37.635 ng
RT: 8.886 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

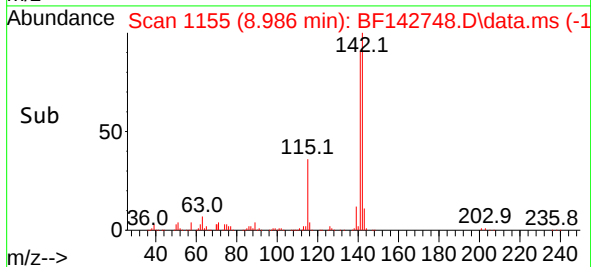
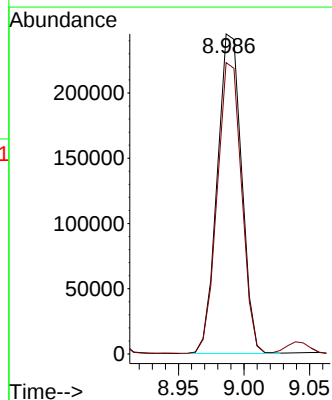
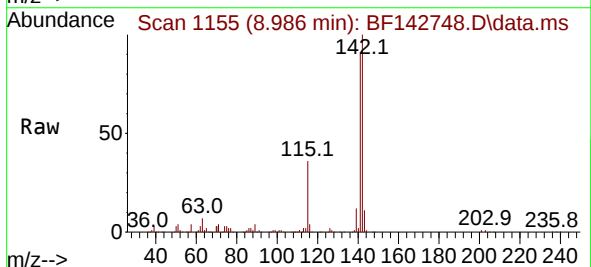
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

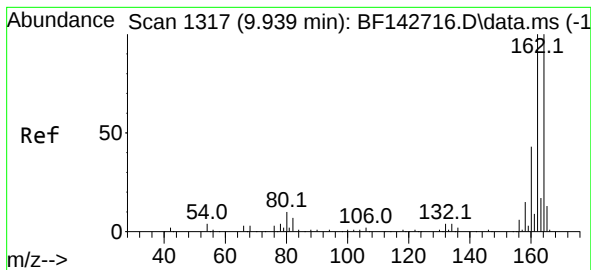
Tgt Ion:142 Resp: 305097
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 37.715 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:142 Resp: 316731
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

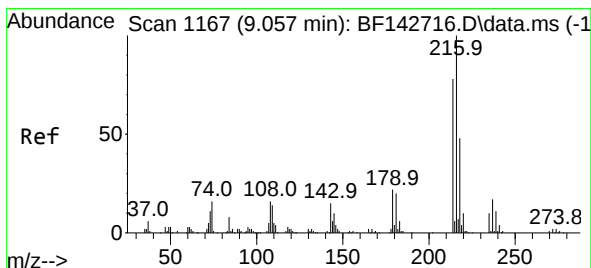
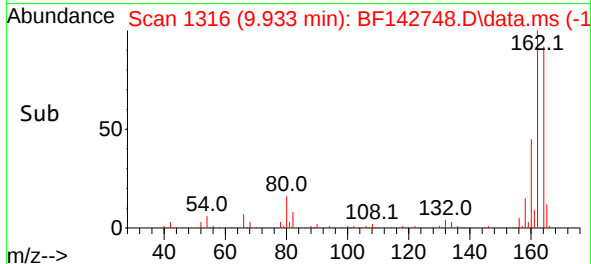
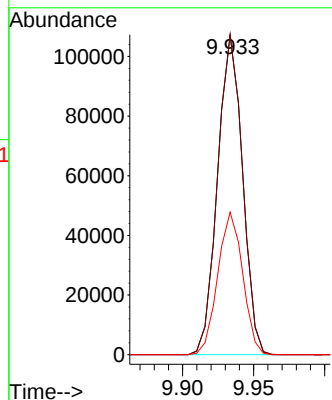
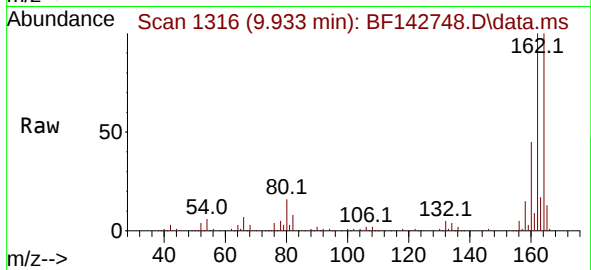
Tgt Ion:164 Resp: 130776

Ion Ratio Lower Upper

164 100

162 99.7 79.9 119.9

160 44.5 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.066 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Tgt Ion:216 Resp: 155435

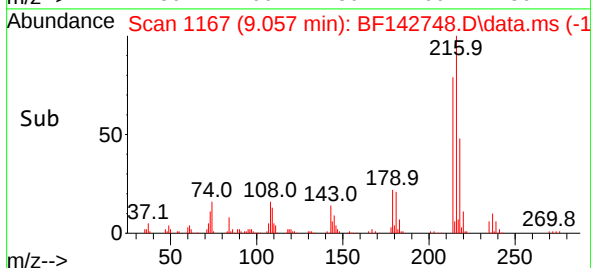
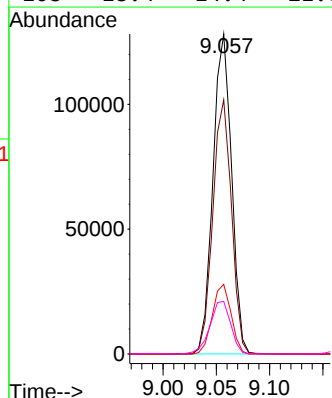
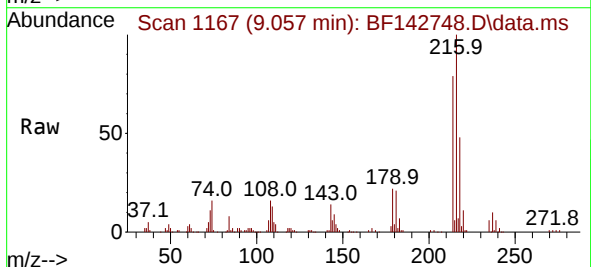
Ion Ratio Lower Upper

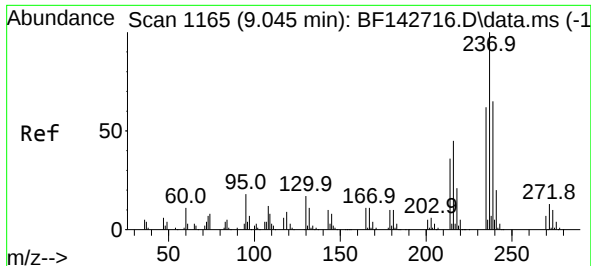
216 100

214 79.6 62.6 94.0

179 21.9 17.1 25.7

108 18.4 14.4 21.6

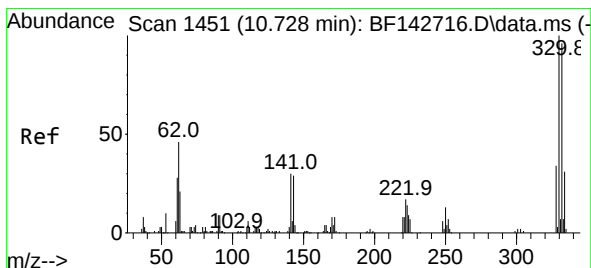
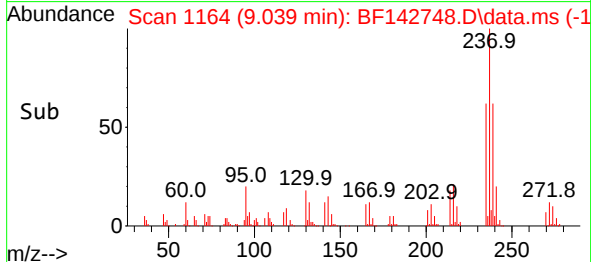
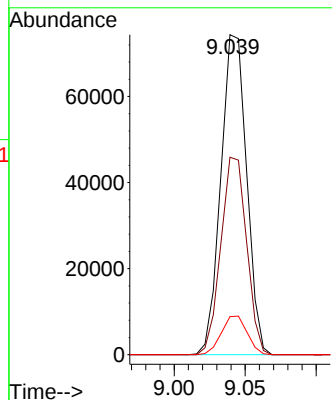
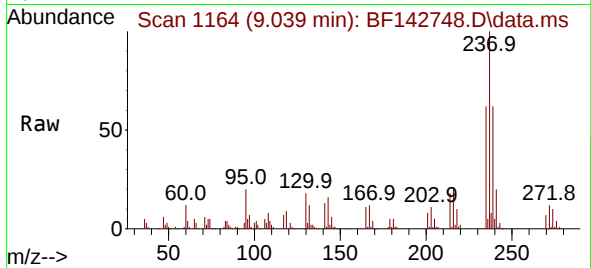




#41
Hexachlorocyclopentadiene
Concen: 38.696 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

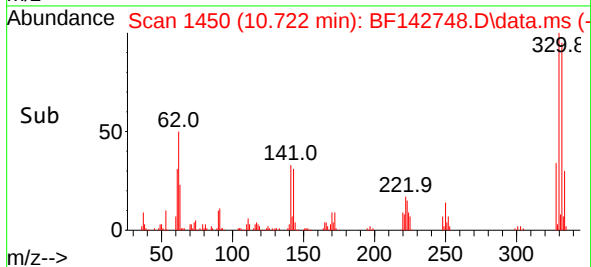
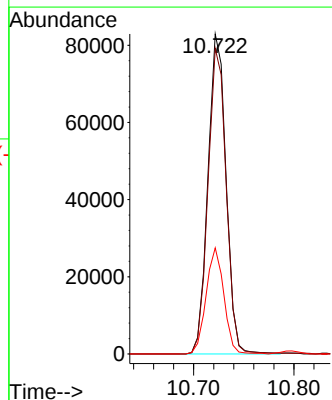
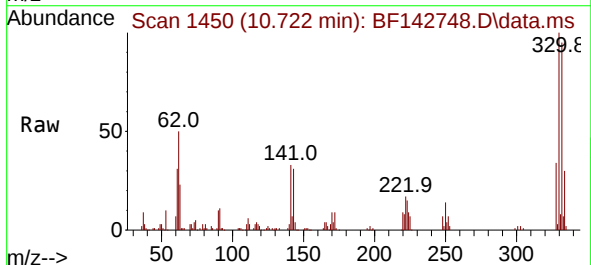
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

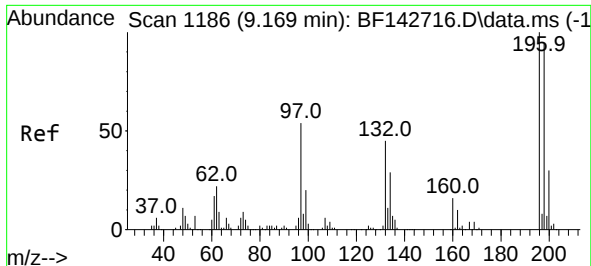
Tgt Ion:237 Resp: 94006
Ion Ratio Lower Upper
237 100
235 61.7 41.9 81.9
272 11.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 72.793 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:330 Resp: 104333
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 32.6 25.4 38.0

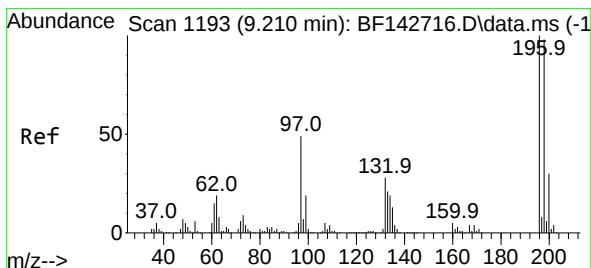
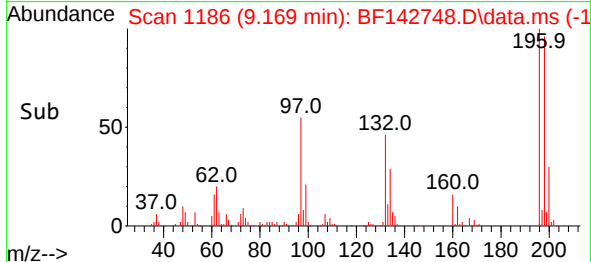
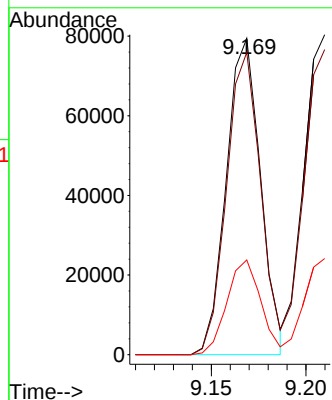
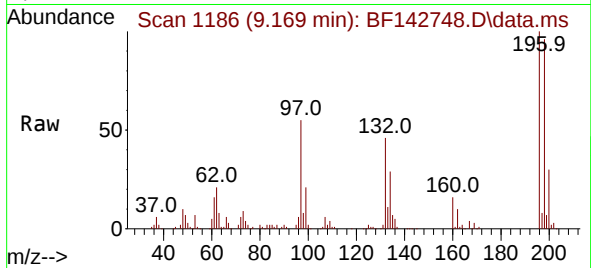




#43
2,4,6-Trichlorophenol
Concen: 40.709 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

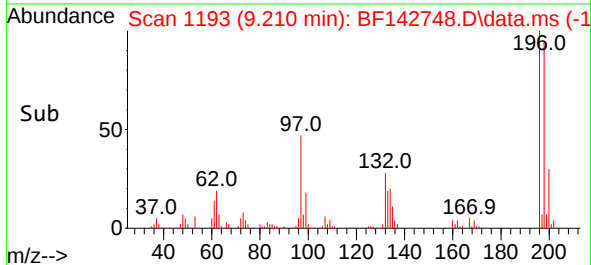
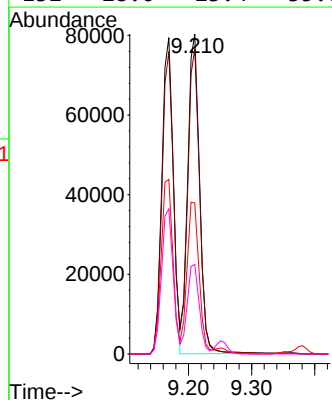
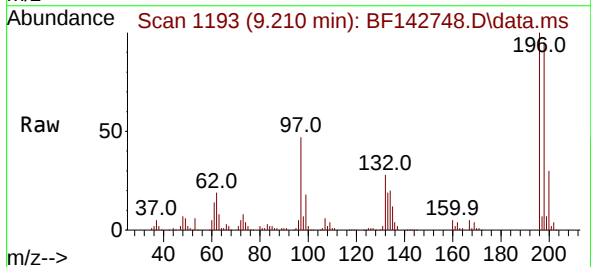
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

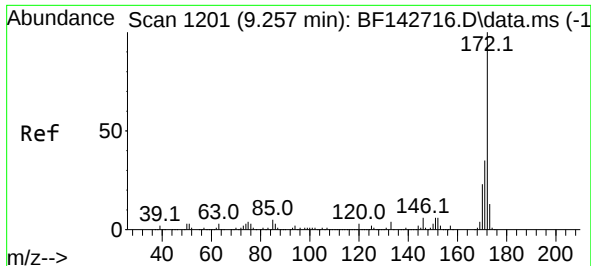
Tgt Ion:196 Resp: 99742
Ion Ratio Lower Upper
196 100
198 95.6 75.5 113.3
200 29.9 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 39.743 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:196 Resp: 105174
Ion Ratio Lower Upper
196 100
198 95.4 78.2 117.2
97 47.2 38.6 57.8
132 28.0 23.4 35.0

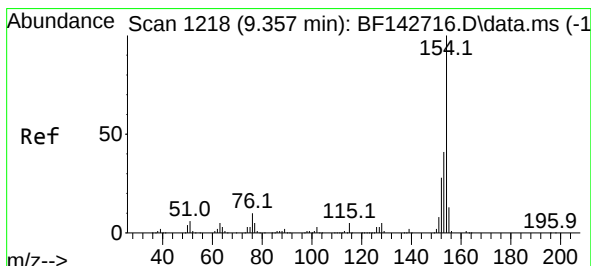
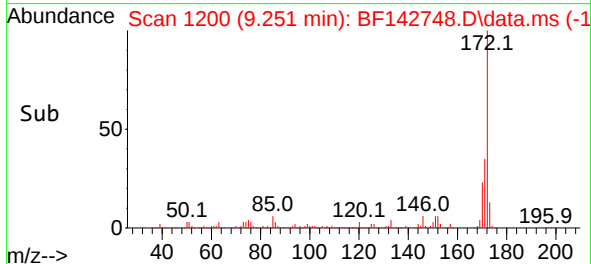
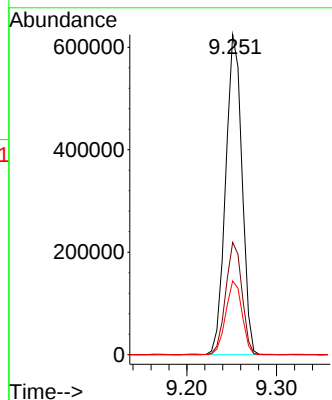
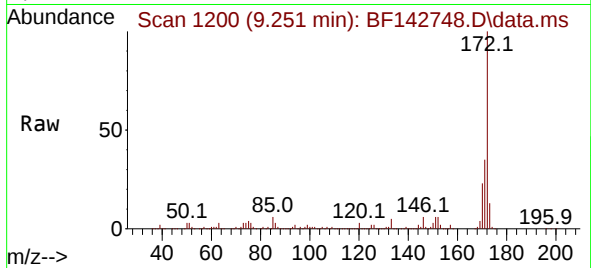




#45
2-Fluorobiphenyl
Concen: 80.091 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

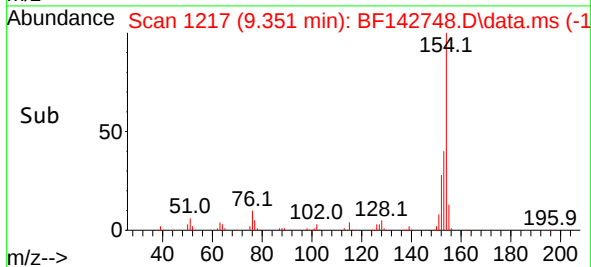
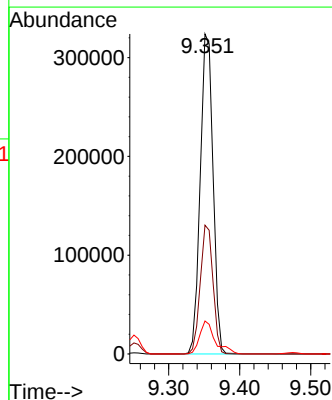
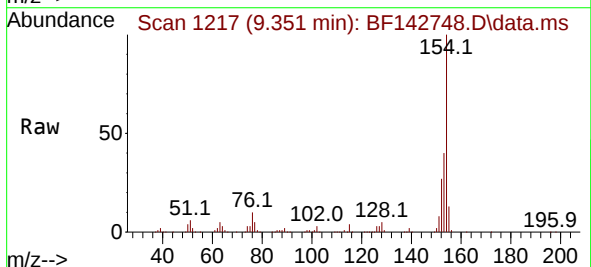
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

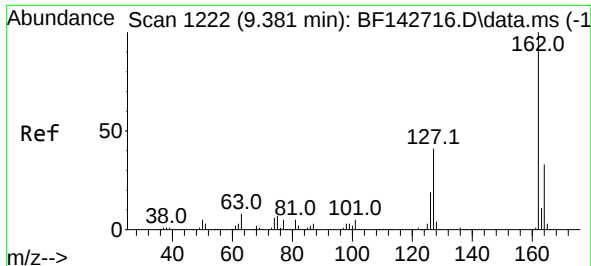
Tgt Ion:172 Resp: 788374
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 40.135 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:154 Resp: 407565
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 10.3 0.0 30.2





#47

2-Chloronaphthalene

Concen: 40.394 ng

RT: 9.380 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

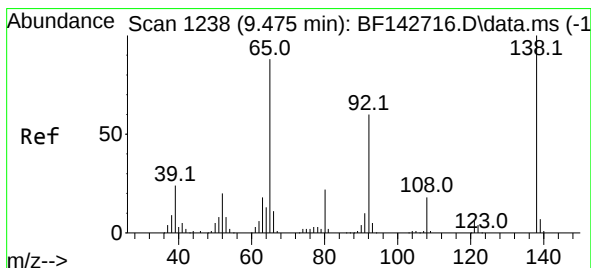
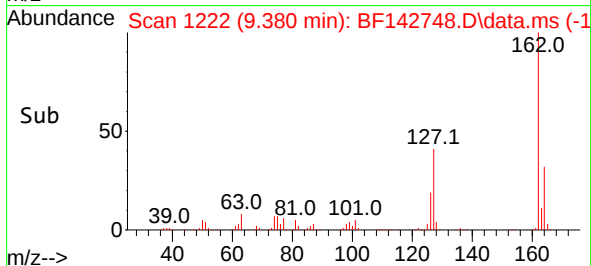
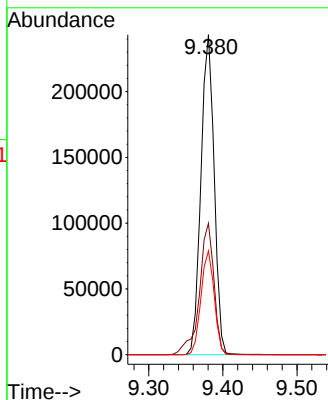
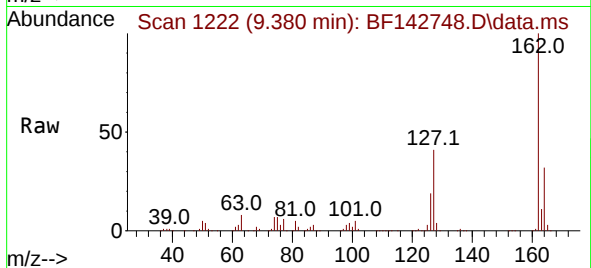
Tgt Ion:162 Resp: 302204

Ion Ratio Lower Upper

162 100

127 41.1 33.5 50.3

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 38.571 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

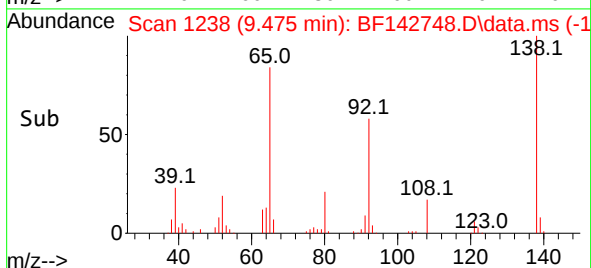
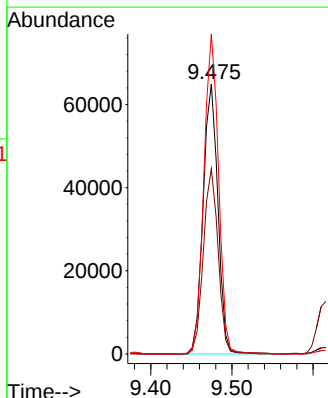
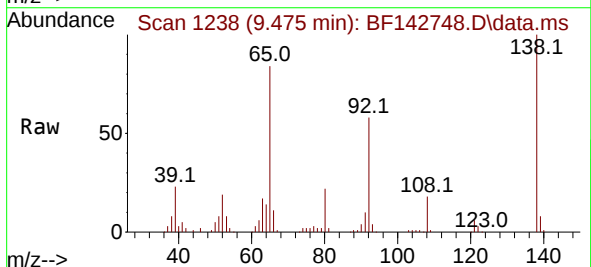
Tgt Ion: 65 Resp: 82073

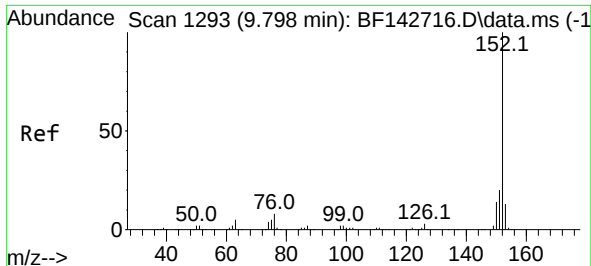
Ion Ratio Lower Upper

65 100

92 68.6 54.5 81.7

138 118.5 90.6 136.0





#49

Acenaphthylene

Concen: 39.670 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

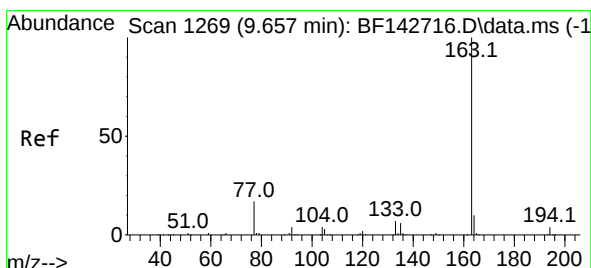
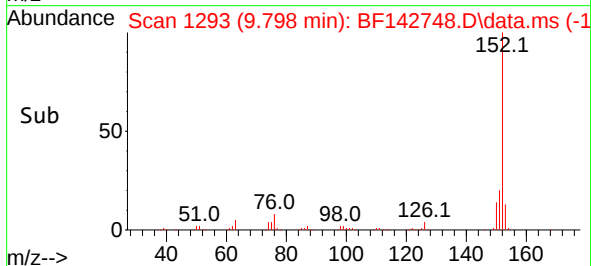
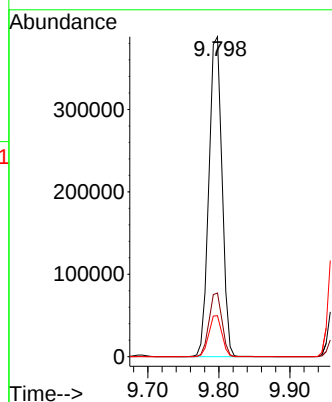
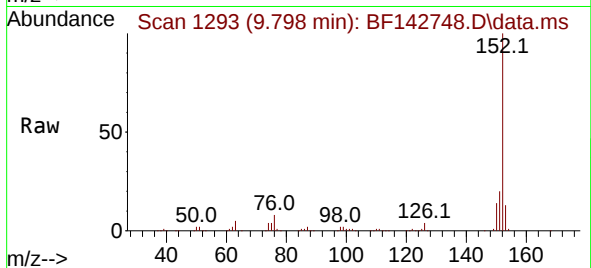
Tgt Ion:152 Resp: 500419

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 37.376 ng

RT: 9.651 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

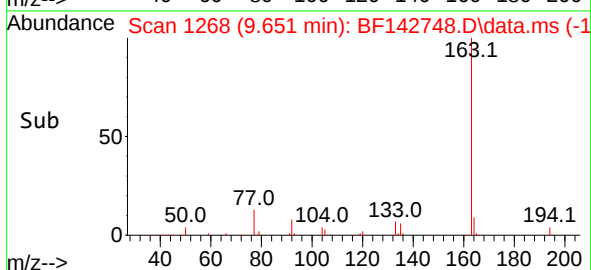
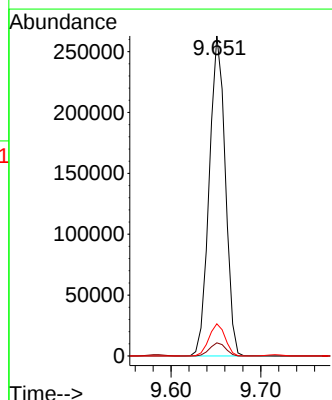
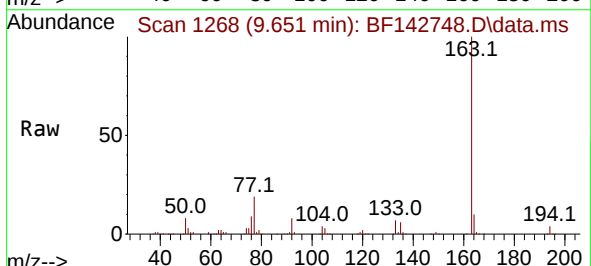
Tgt Ion:163 Resp: 326405

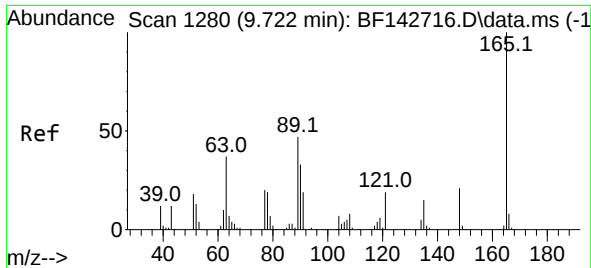
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 8.0 12.0

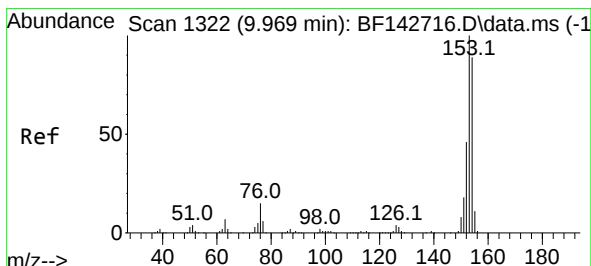
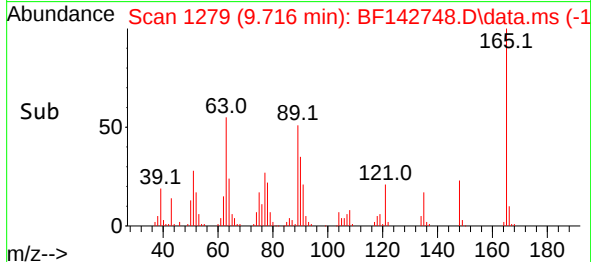
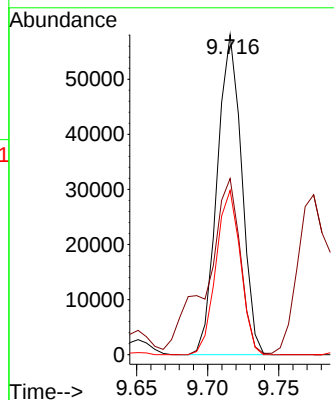
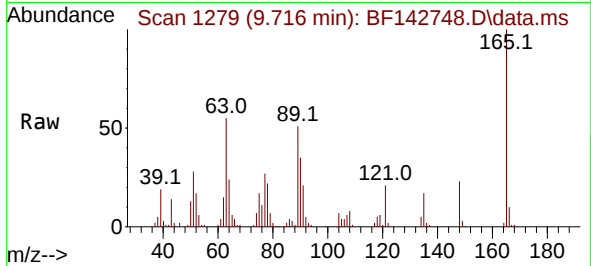




#51
2,6-Dinitrotoluene
Concen: 36.878 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

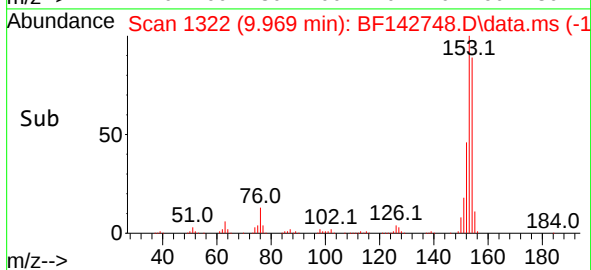
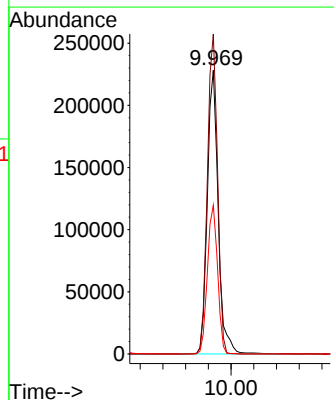
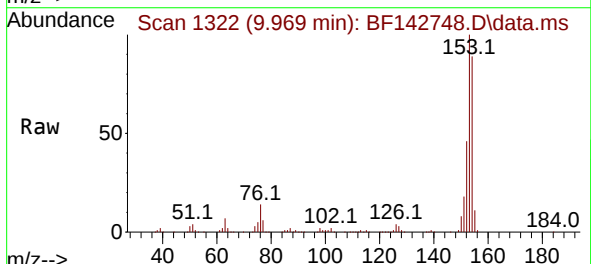
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

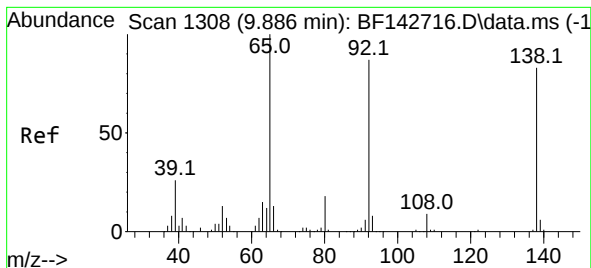
Tgt Ion:165 Resp: 69605
Ion Ratio Lower Upper
165 100
63 55.1 40.6 60.8
89 51.3 37.6 56.4



#52
Acenaphthene
Concen: 38.612 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:154 Resp: 301998
Ion Ratio Lower Upper
154 100
153 112.8 90.1 135.1
152 52.4 41.9 62.9





#53

3-Nitroaniline

Concen: 37.023 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

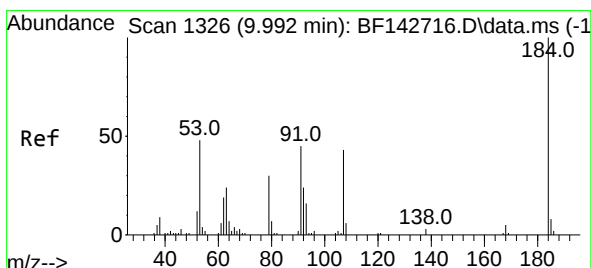
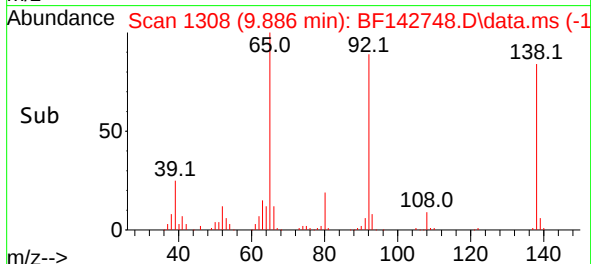
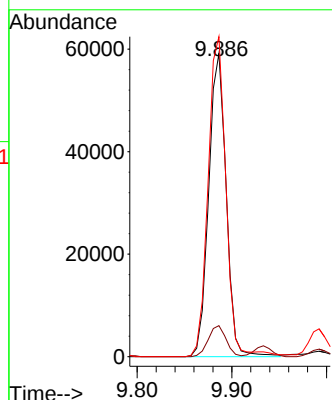
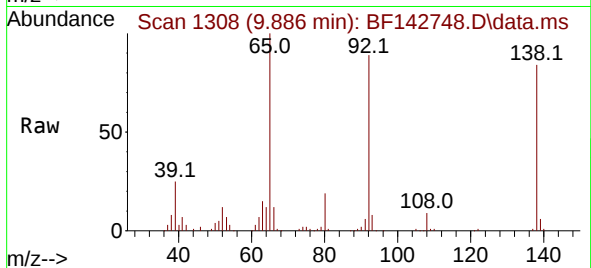
Tgt Ion:138 Resp: 75792

Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

92 105.5 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 31.596 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

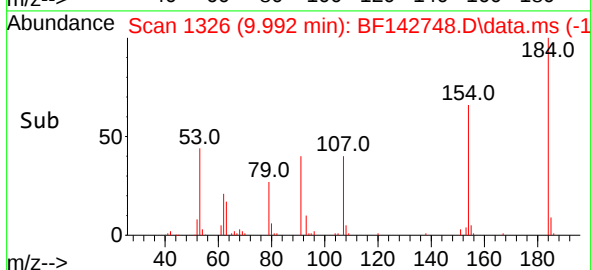
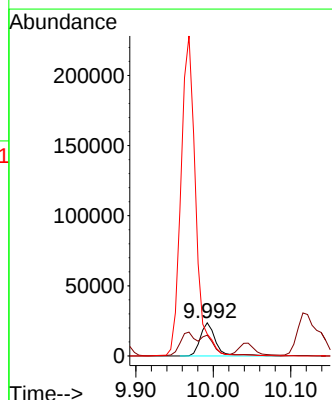
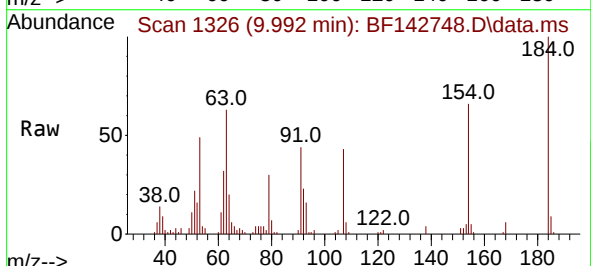
Tgt Ion:184 Resp: 32667

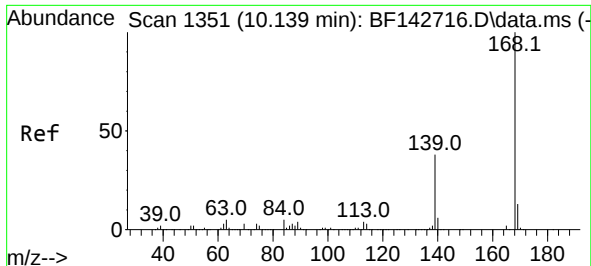
Ion Ratio Lower Upper

184 100

63 62.7 51.7 77.5

154 66.2 60.1 90.1

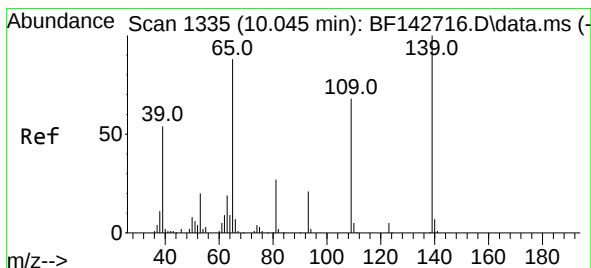
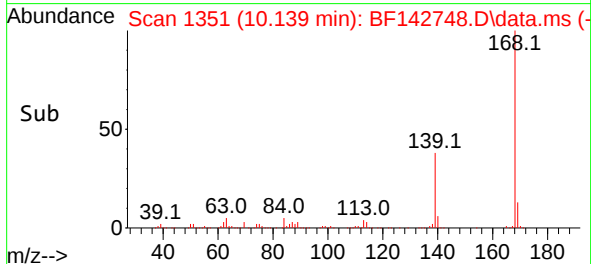
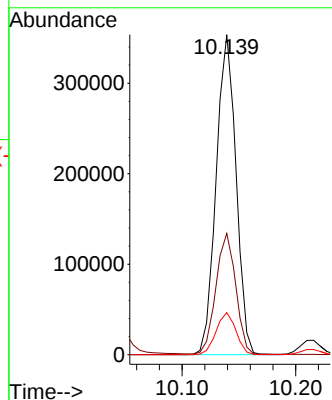
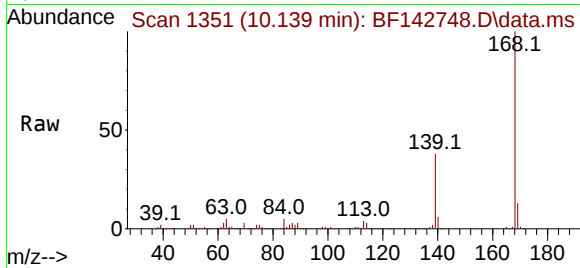




#55
Dibenzofuran
Concen: 38.599 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

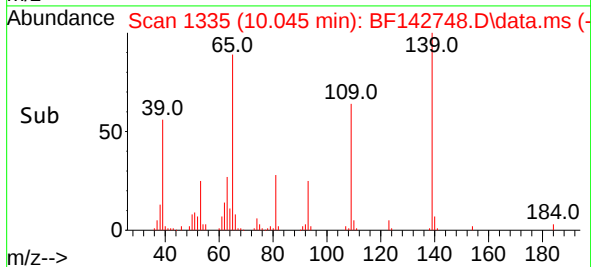
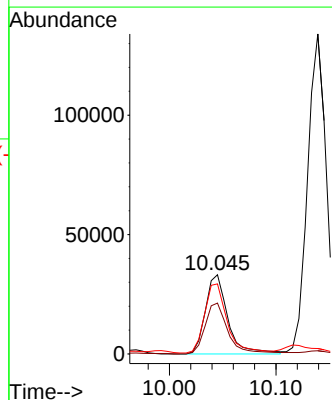
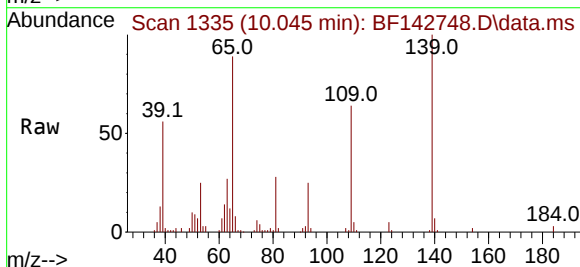
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

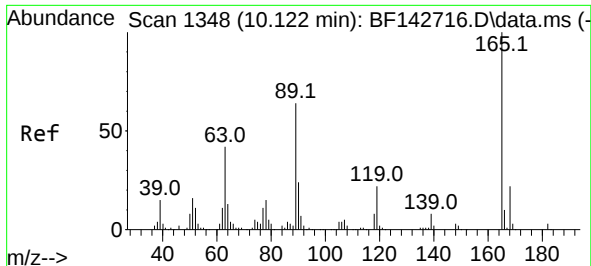
Tgt Ion:168 Resp: 429895
Ion Ratio Lower Upper
168 100
139 37.9 30.9 46.3
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 34.917 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:139 Resp: 48481
Ion Ratio Lower Upper
139 100
109 64.4 47.5 87.5
65 88.6 69.2 109.2

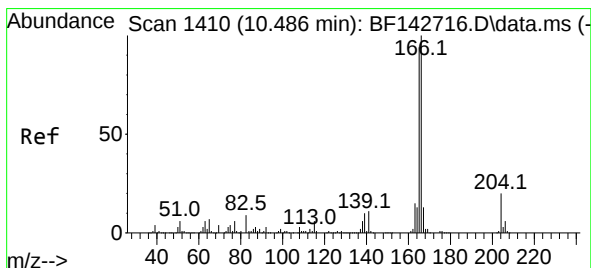
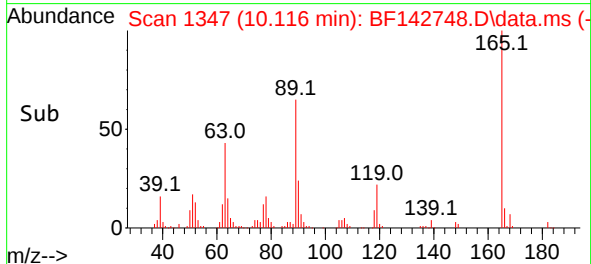
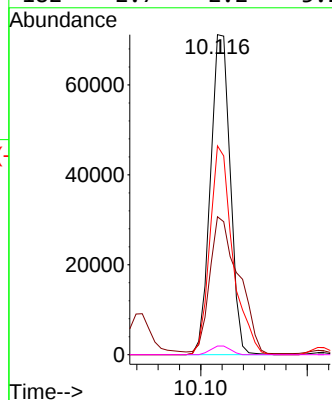
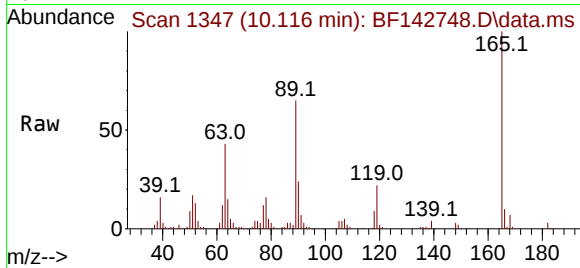




#57
2,4-Dinitrotoluene
Concen: 36.858 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

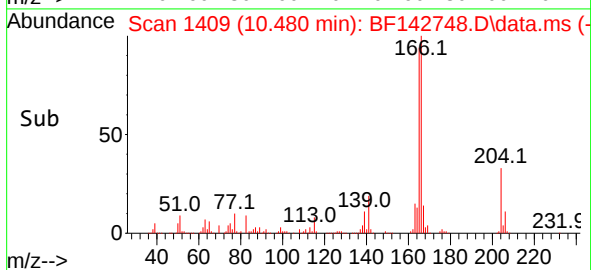
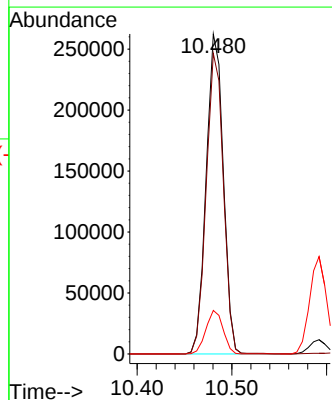
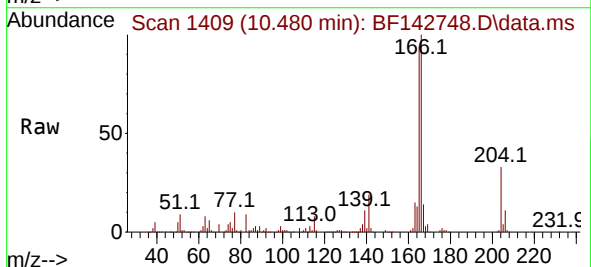
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

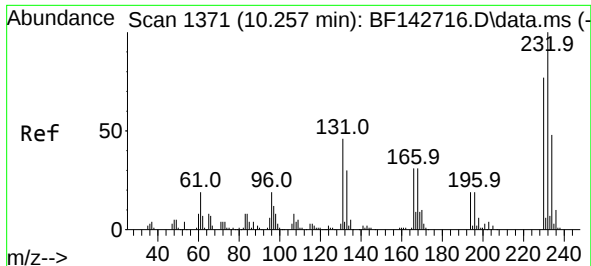
Tgt Ion:165 Resp: 91979
Ion Ratio Lower Upper
165 100
63 43.1 34.1 51.1
89 65.3 50.8 76.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 37.384 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:166 Resp: 328798
Ion Ratio Lower Upper
166 100
165 93.9 74.9 112.3
167 13.6 10.7 16.1



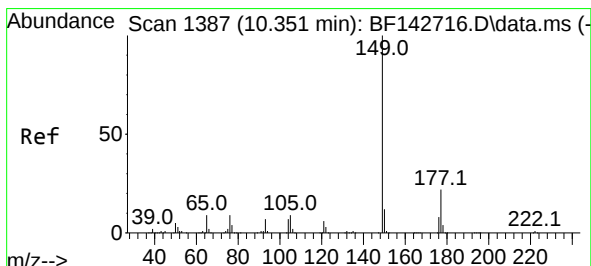
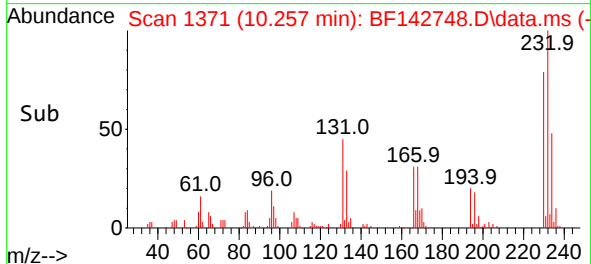
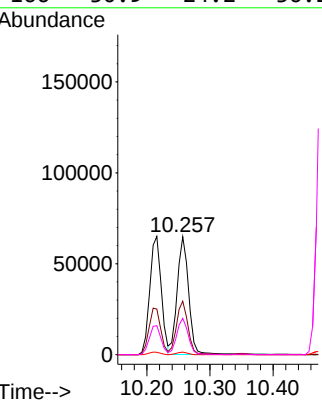
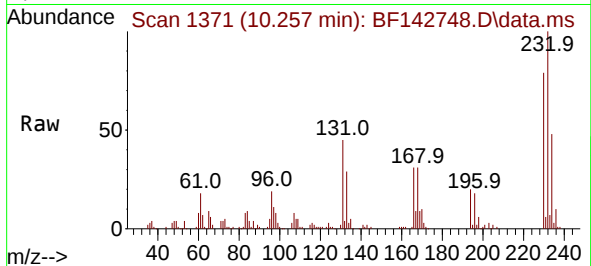


#59
2,3,4,6-Tetrachlorophenol
Concen: 36.854 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 82049

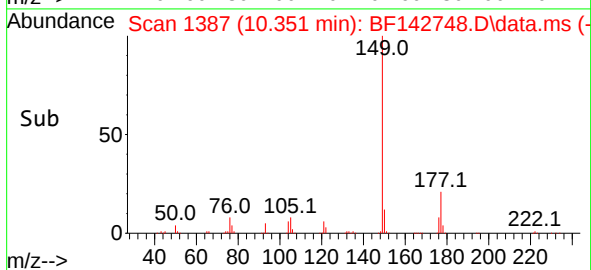
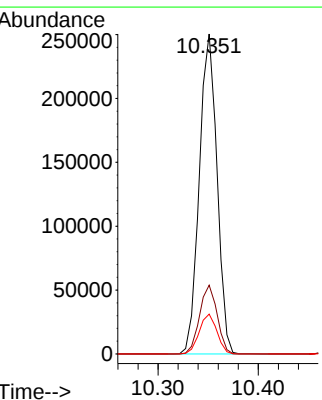
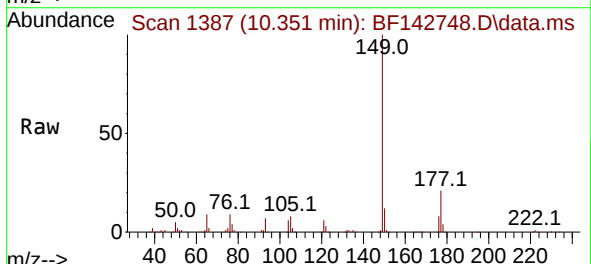
Ion	Ratio	Lower	Upper
232	100		
131	45.6	35.8	53.8
130	2.1	1.8	2.6
166	30.9	24.2	36.2

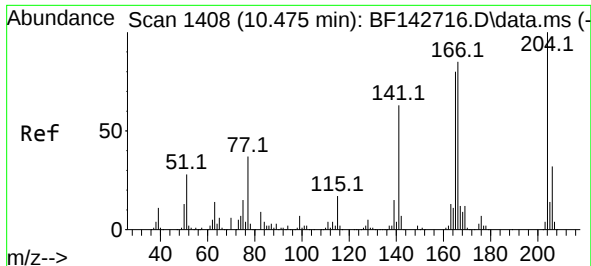


#60
Diethylphthalate
Concen: 35.532 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:149 Resp: 307692

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.0
150	12.4	10.0	15.0

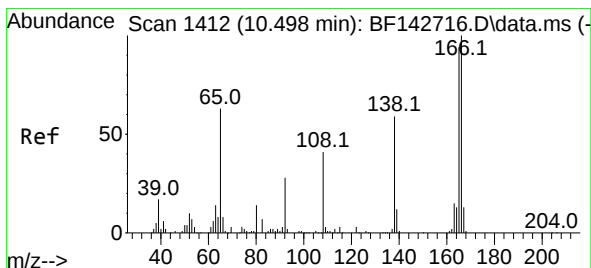
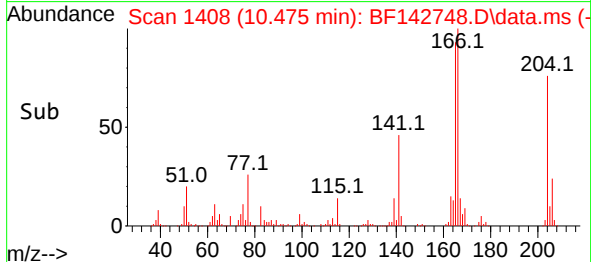
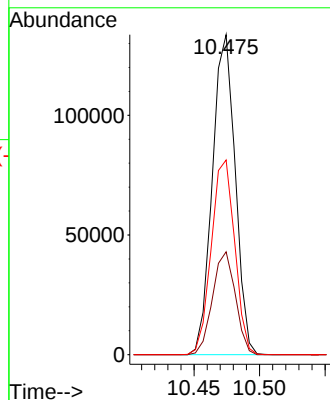
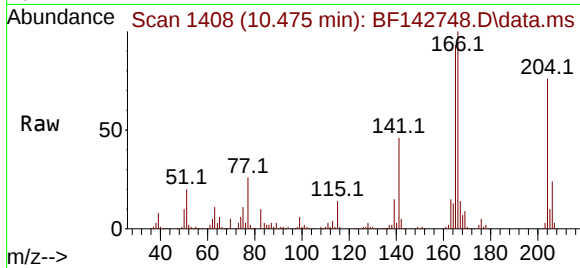




#61
4-Chlorophenyl-phenylether
Concen: 37.719 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

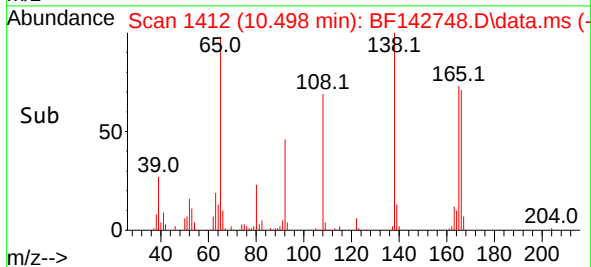
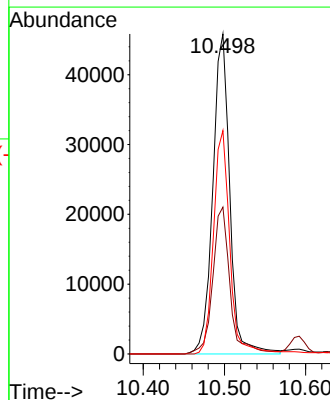
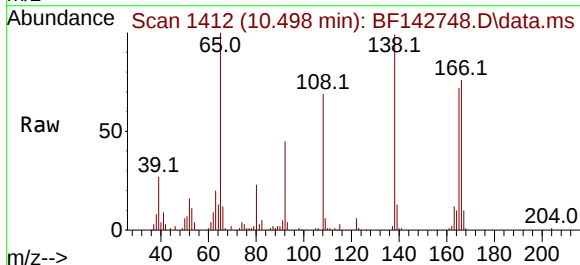
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

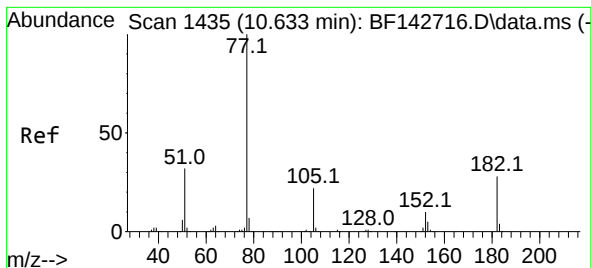
Tgt Ion:204 Resp: 162013
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 60.8 50.2 75.4



#62
4-Nitroaniline
Concen: 36.302 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:138 Resp: 66486
Ion Ratio Lower Upper
138 100
92 45.9 27.2 67.2
108 69.8 49.9 89.9





#63

Azobenzene

Concen: 36.531 ng

RT: 10.633 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 276276

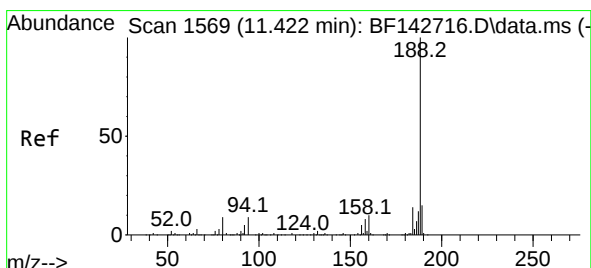
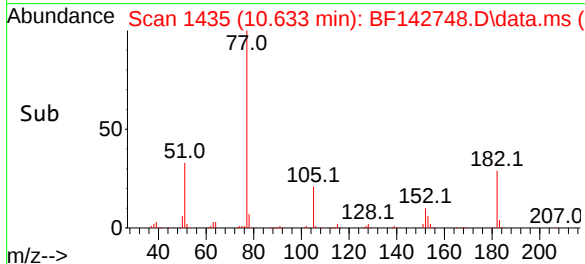
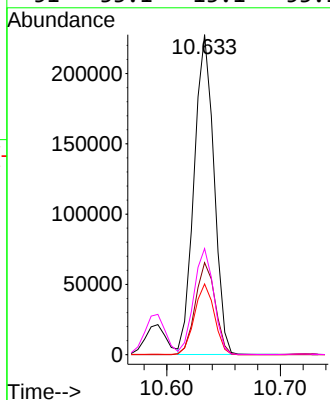
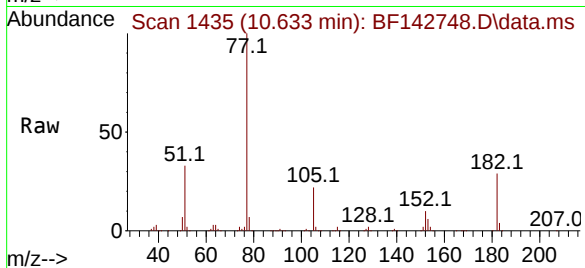
Ion Ratio Lower Upper

77 100

182 28.7 7.8 47.8

105 22.1 1.9 41.9

51 33.1 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

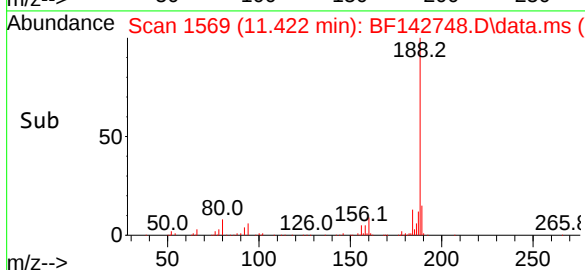
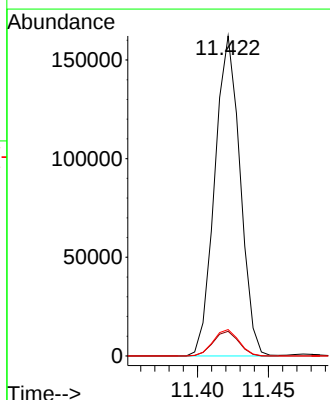
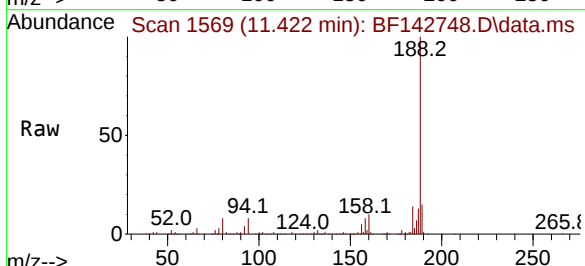
Tgt Ion:188 Resp: 201441

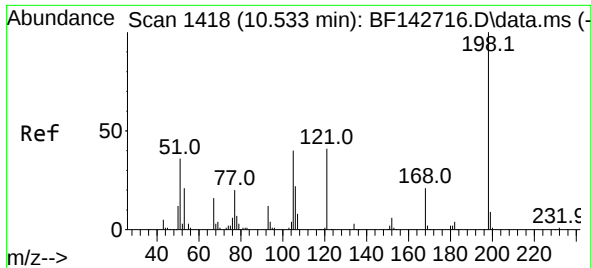
Ion Ratio Lower Upper

188 100

94 7.7 6.8 10.2

80 8.3 7.1 10.7

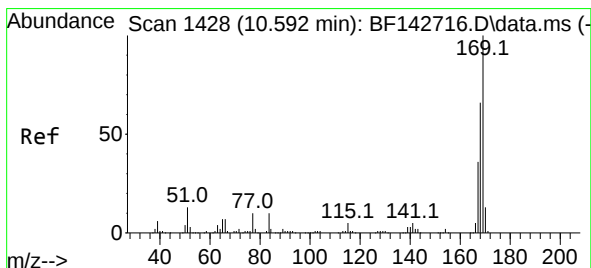
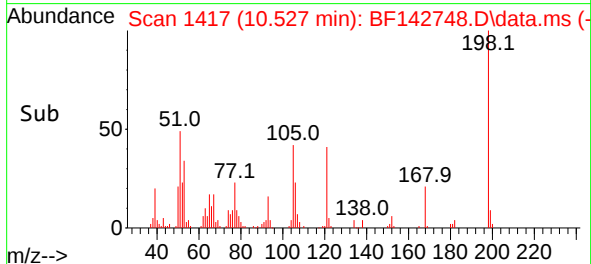
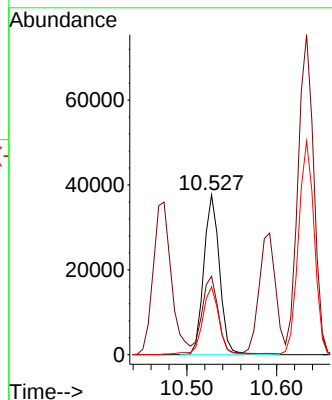
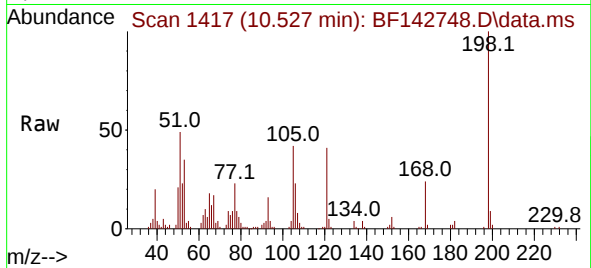




#65
4,6-Dinitro-2-methylphenol
Concen: 36.403 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

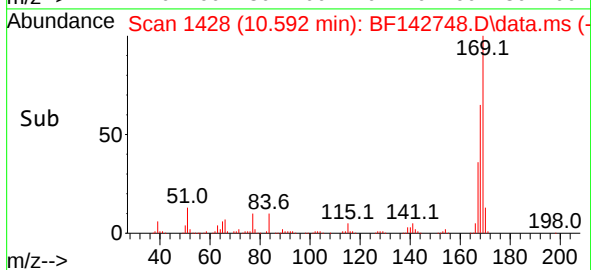
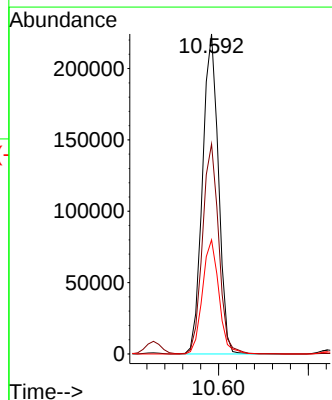
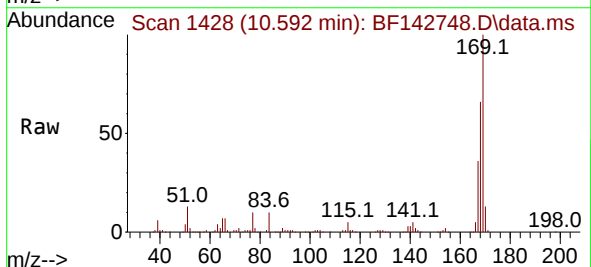
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

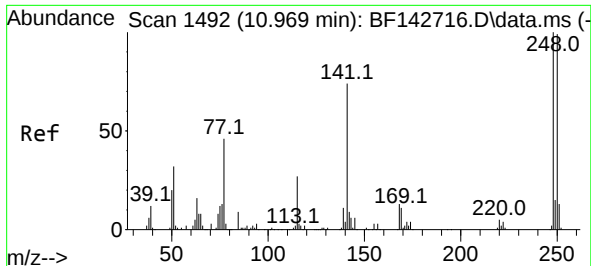
Tgt Ion:198 Resp: 45921
Ion Ratio Lower Upper
198 100
51 49.1 25.5 65.5
105 42.4 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 39.826 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:169 Resp: 275769
Ion Ratio Lower Upper
169 100
168 65.6 53.0 79.4
167 35.7 28.7 43.1

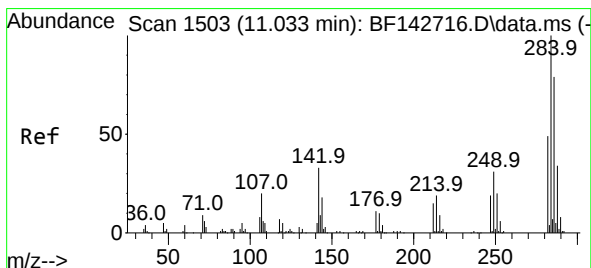
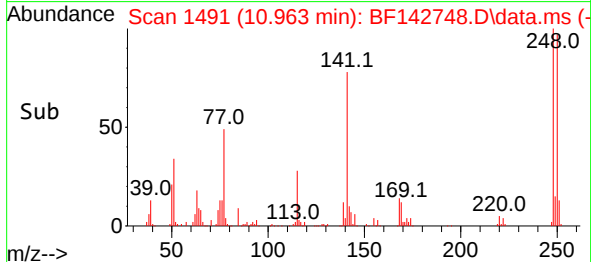
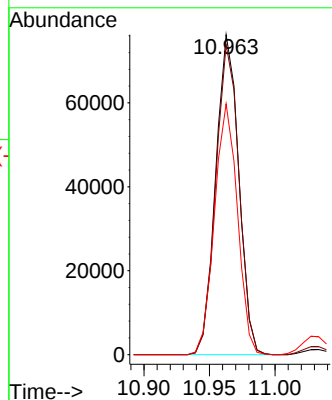
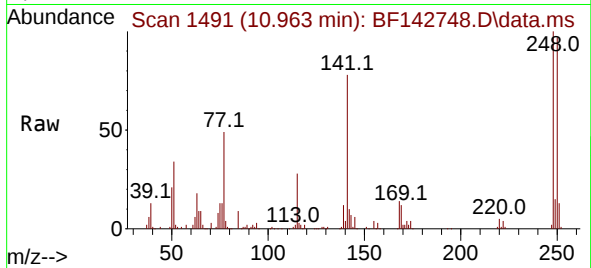




#67
4-Bromophenyl-phenylether
Concen: 39.186 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

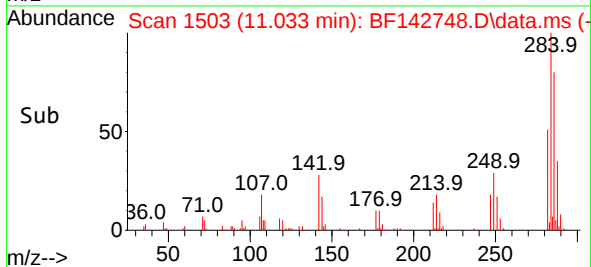
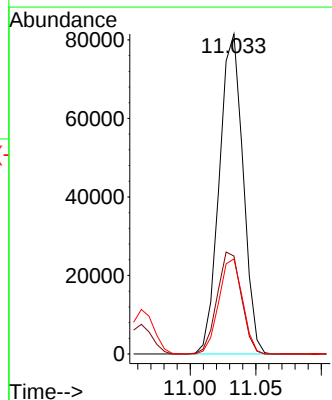
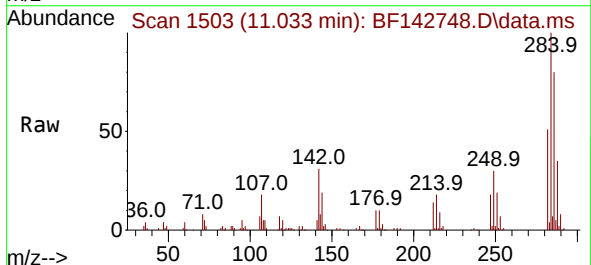
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

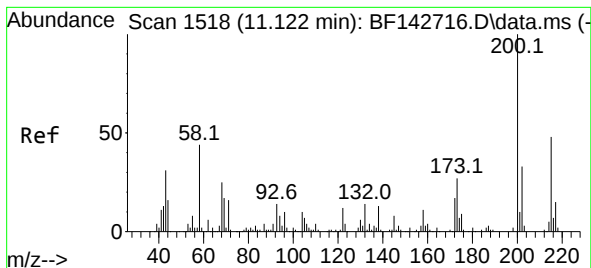
Tgt Ion:248 Resp: 93175
Ion Ratio Lower Upper
248 100
250 96.9 79.2 118.8
141 78.4 59.3 88.9



#68
Hexachlorobenzene
Concen: 38.821 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:284 Resp: 102465
Ion Ratio Lower Upper
284 100
142 30.6 26.0 39.0
249 29.7 24.6 37.0





#69

Atrazine

Concen: 36.340 ng

RT: 11.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

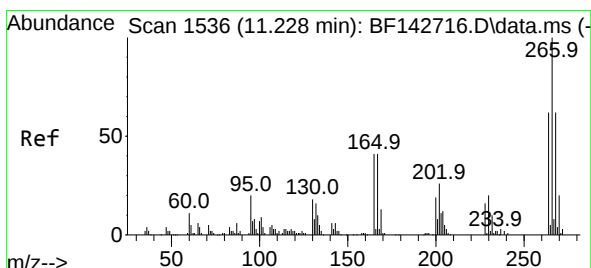
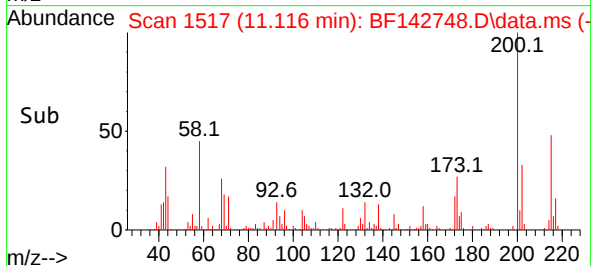
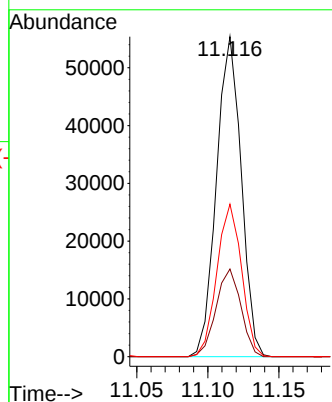
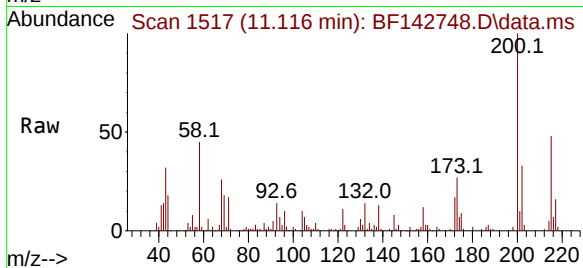
Tgt Ion:200 Resp: 67086

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 36.943 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

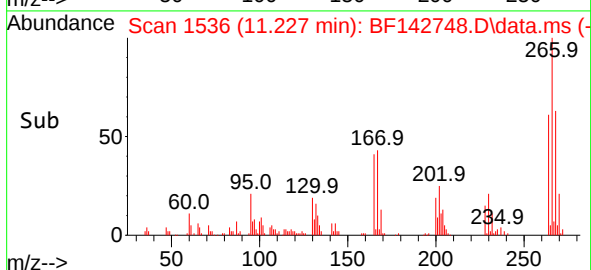
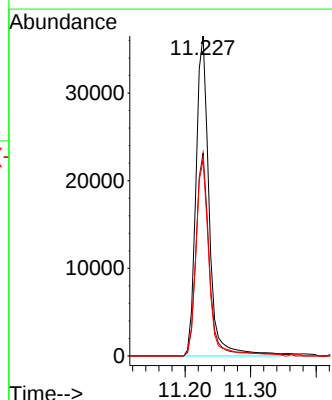
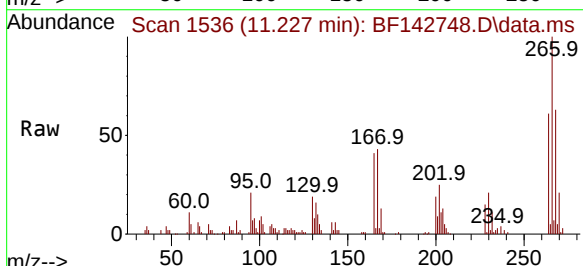
Tgt Ion:266 Resp: 51113

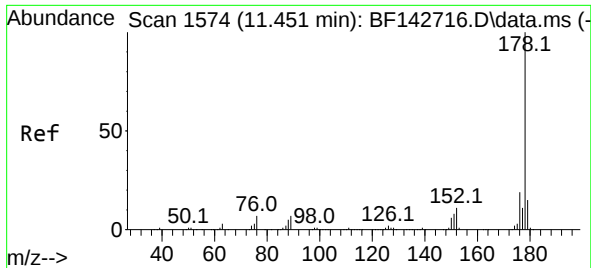
Ion Ratio Lower Upper

266 100

268 63.4 49.6 74.4

264 61.2 49.5 74.3

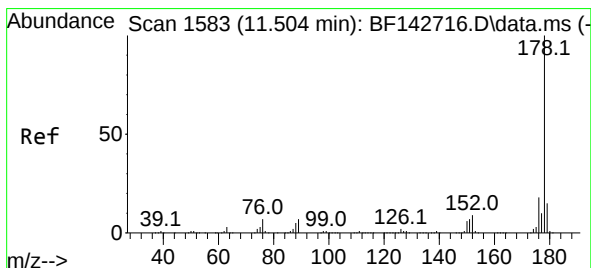
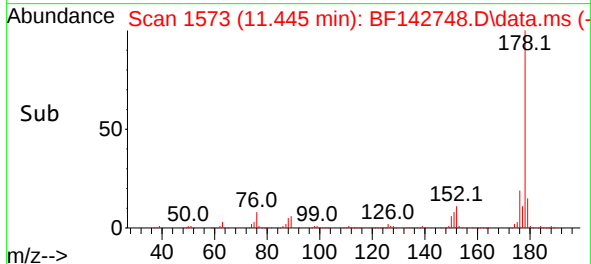
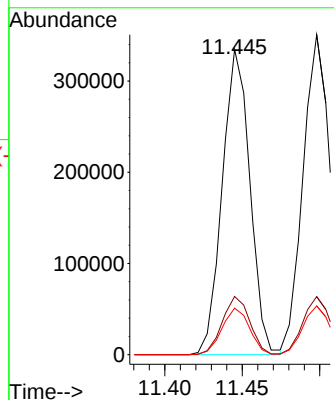
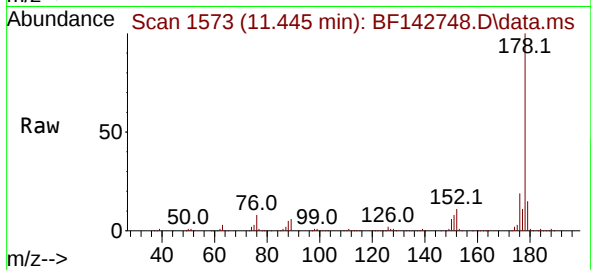




#71
Phenanthrene
Concen: 38.495 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

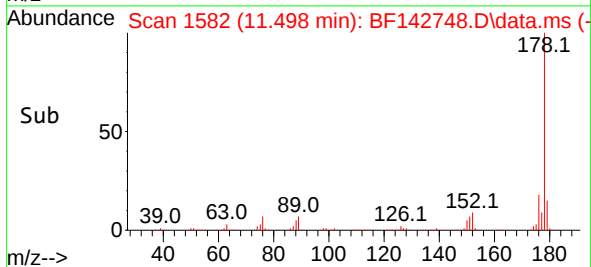
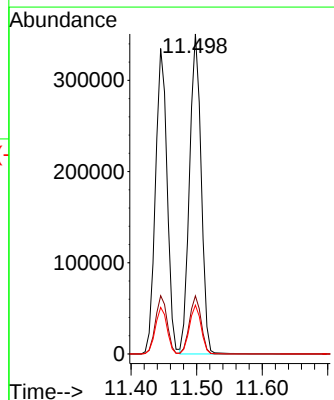
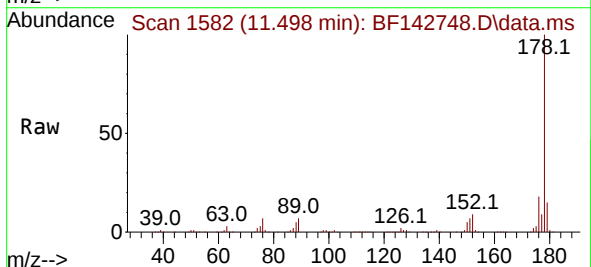
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

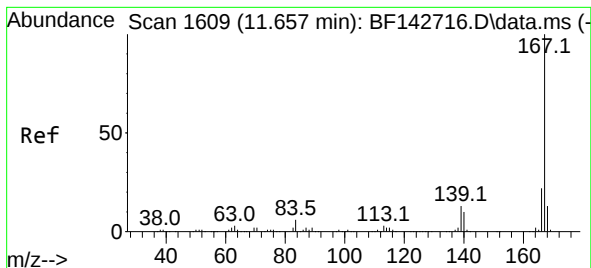
Tgt Ion:178 Resp: 415432
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.2 12.2 18.4



#72
Anthracene
Concen: 38.643 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:178 Resp: 431416
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.3 12.2 18.2





#73

Carbazole

Concen: 38.456 ng

RT: 11.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

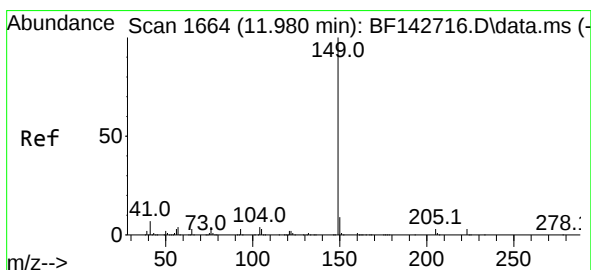
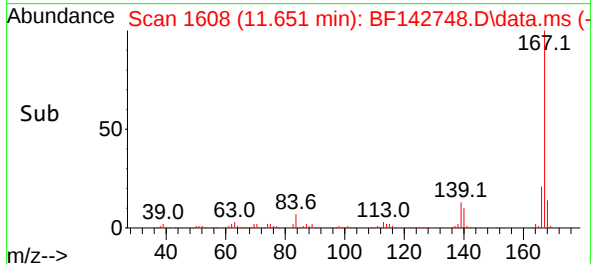
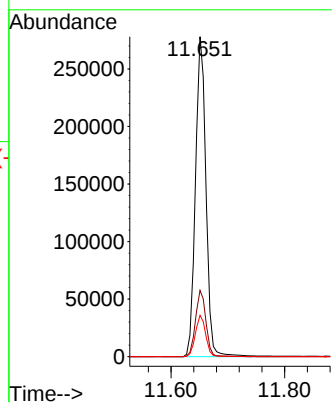
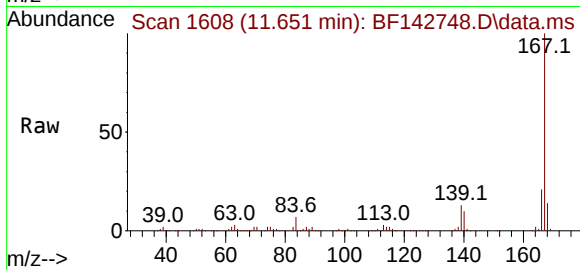
Tgt Ion:167 Resp: 359418

Ion Ratio Lower Upper

167 100

166 20.7 17.2 25.8

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 36.702 ng

RT: 11.980 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

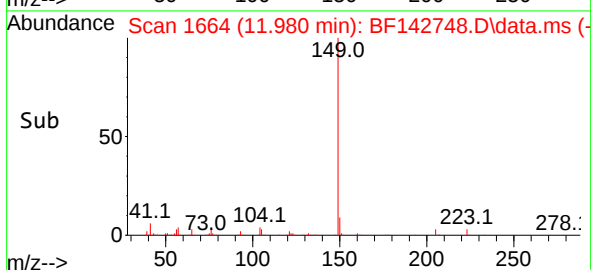
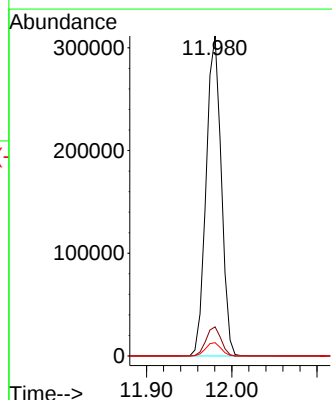
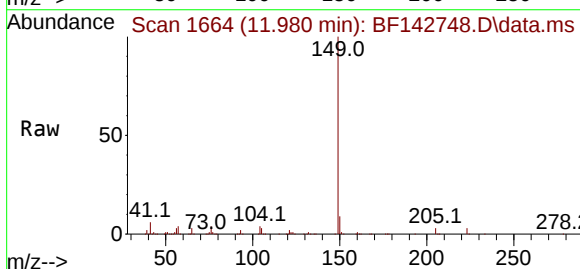
Tgt Ion:149 Resp: 383024

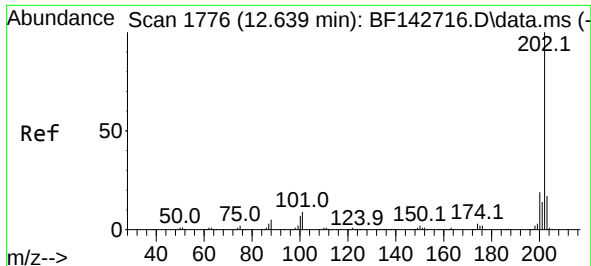
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 4.2 3.4 5.2

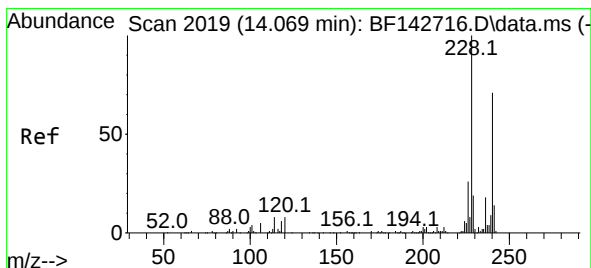
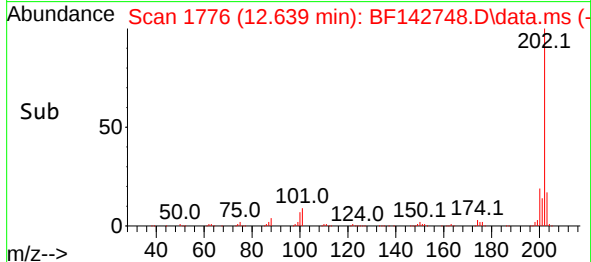
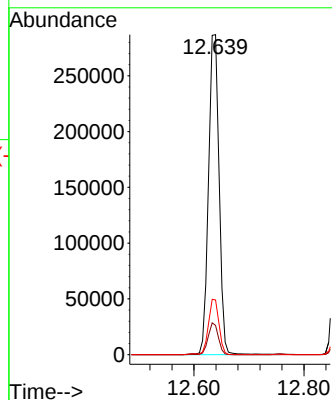
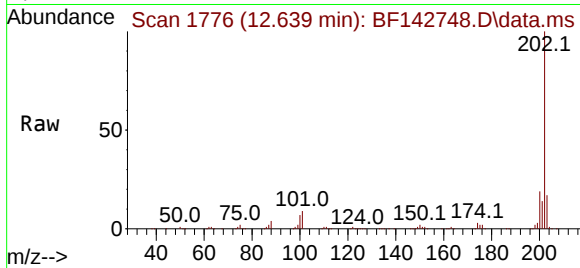




#75
Fluoranthene
Concen: 37.257 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

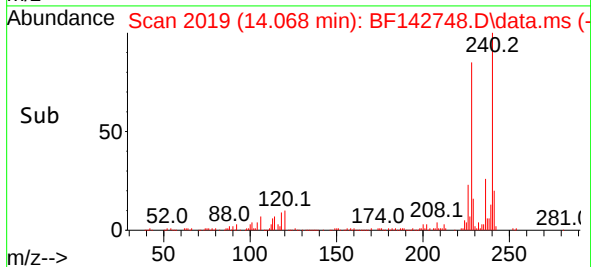
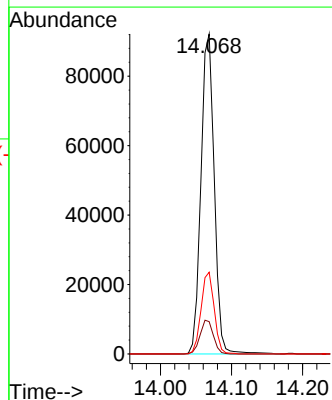
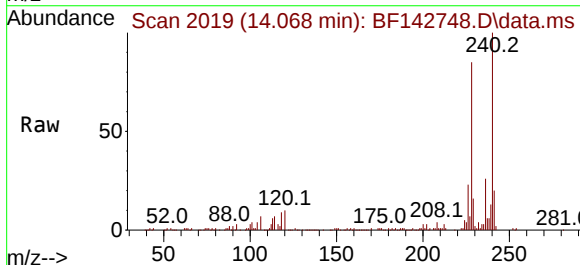
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

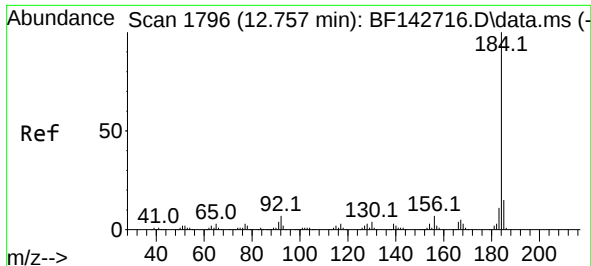
Tgt Ion:202 Resp: 382336
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.5
203 17.1 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:240 Resp: 120471
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.5 20.1 30.1

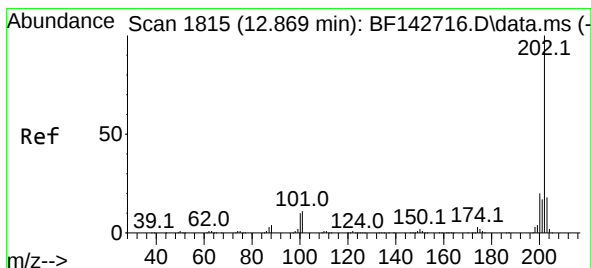
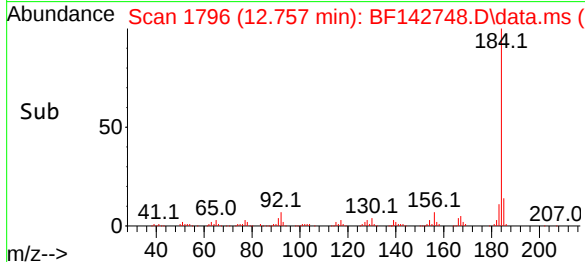
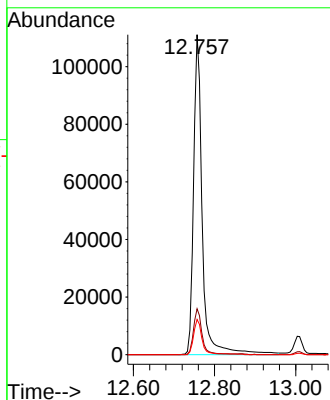
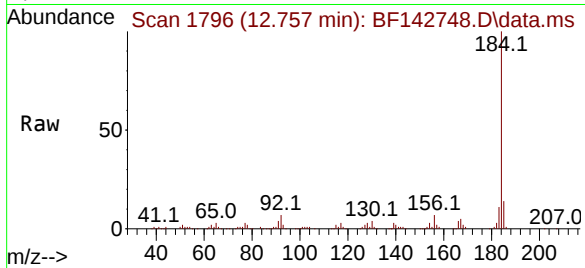




#77
Benzidine
Concen: 38.811 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

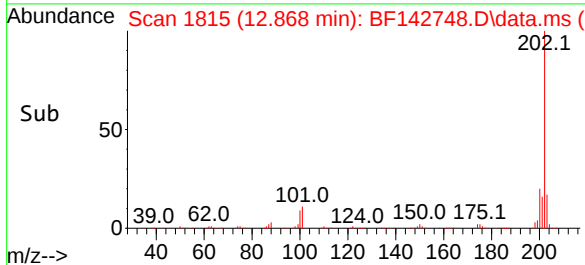
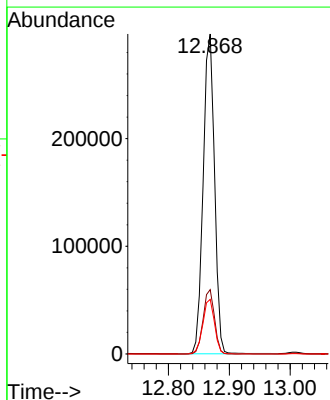
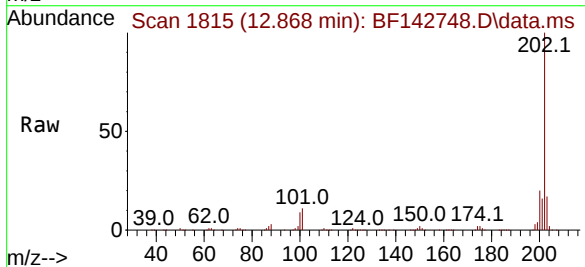
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

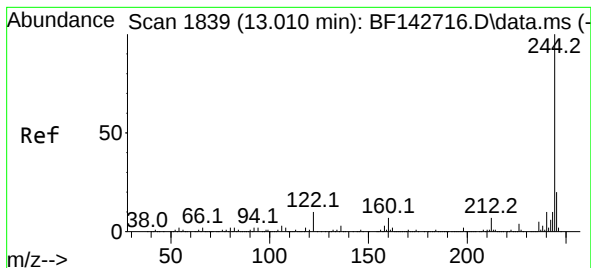
Tgt Ion:184 Resp: 166513
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.0 8.6 12.8



#78
Pyrene
Concen: 34.312 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:202 Resp: 384138
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.1 14.1 21.1

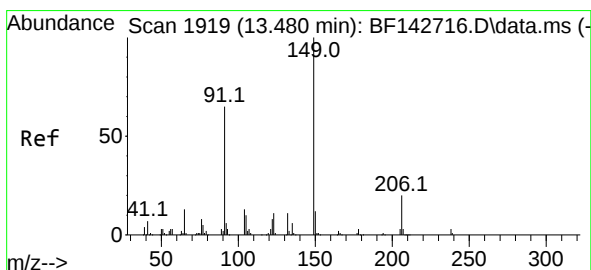
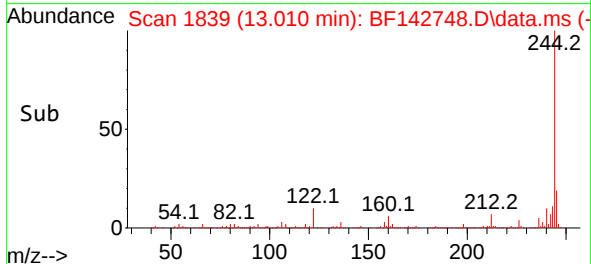
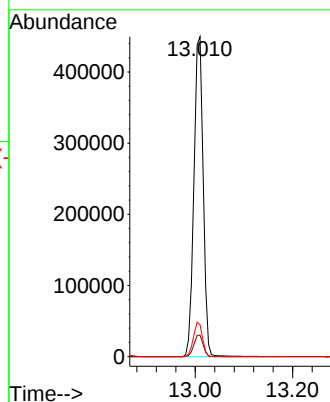
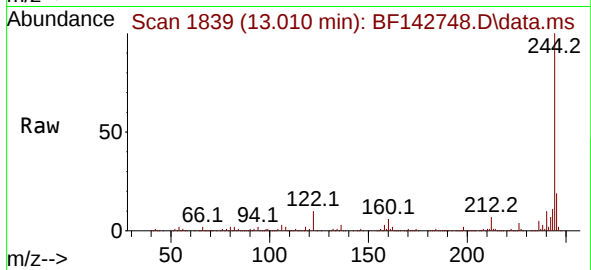




#79
 Terphenyl-d14
 Concen: 68.422 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142748.D
 Acq: 12 Jun 2025 09:50

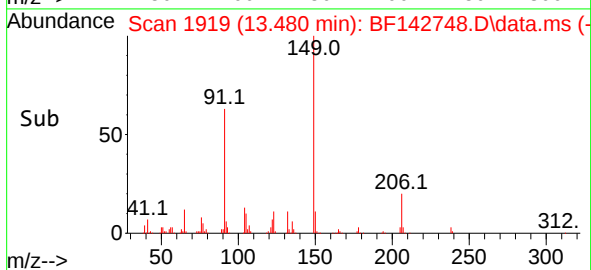
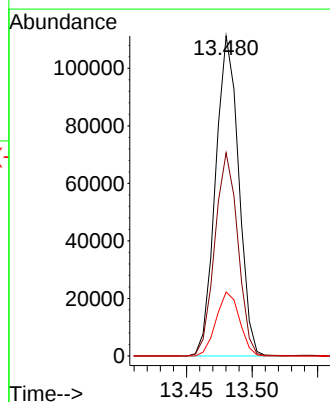
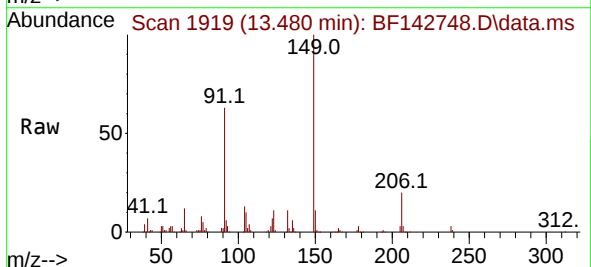
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

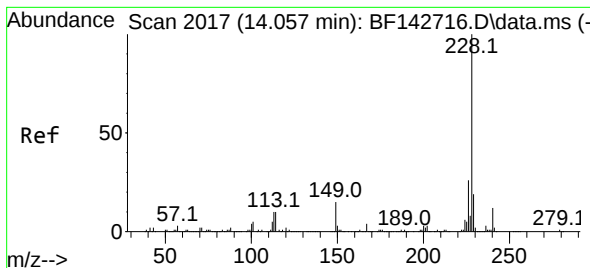
Tgt Ion:244 Resp: 600158
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.0 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 41.210 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF142748.D
 Acq: 12 Jun 2025 09:50

Tgt Ion:149 Resp: 136432
 Ion Ratio Lower Upper
 149 100
 91 63.5 52.3 78.5
 206 20.0 16.0 24.0





#81

Benzo(a)anthracene

Concen: 39.159 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

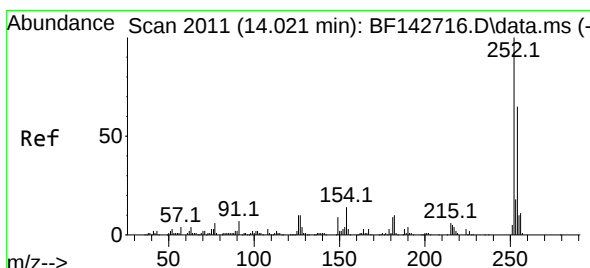
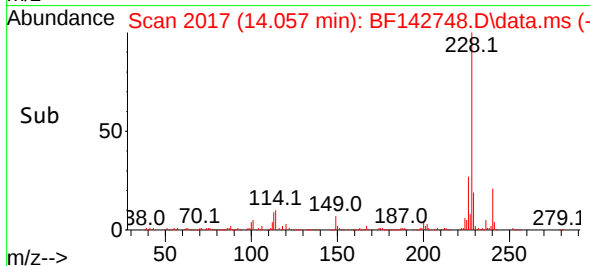
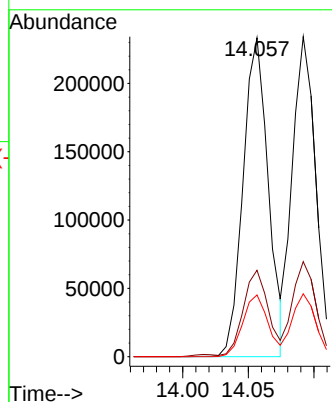
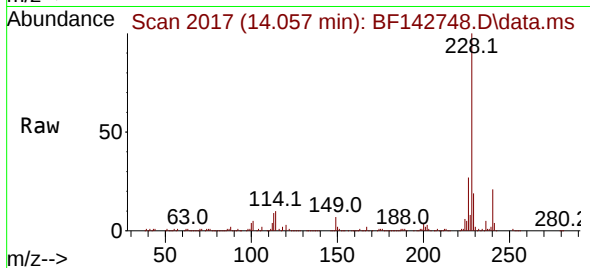
Tgt Ion:228 Resp: 312617

Ion Ratio Lower Upper

228 100

226 27.1 21.0 31.4

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 43.517 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

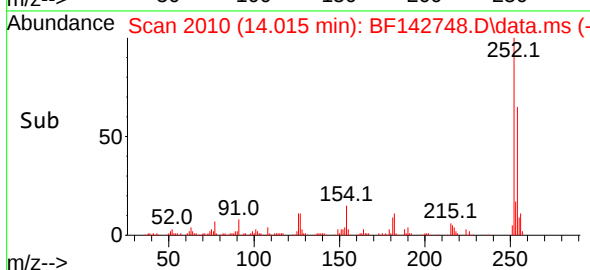
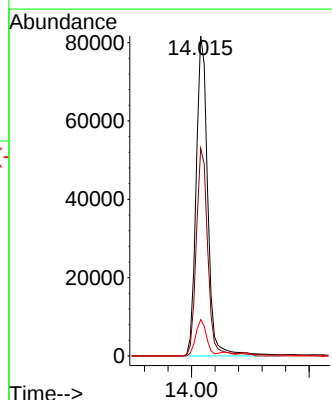
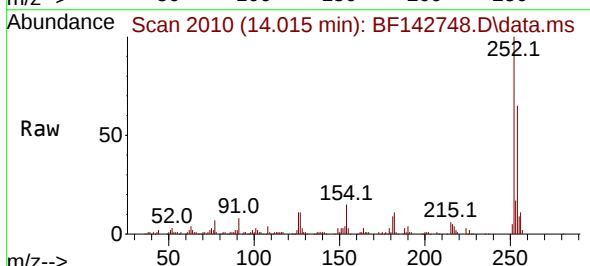
Tgt Ion:252 Resp: 112029

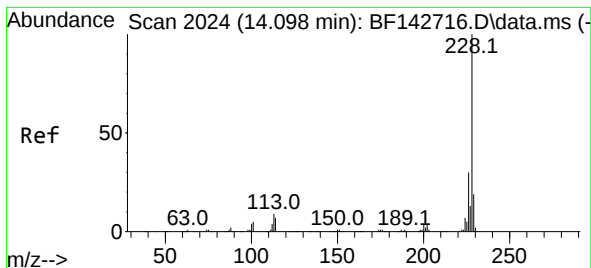
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.6

126 11.4 8.1 12.1





#83

Chrysene

Concen: 39.694 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

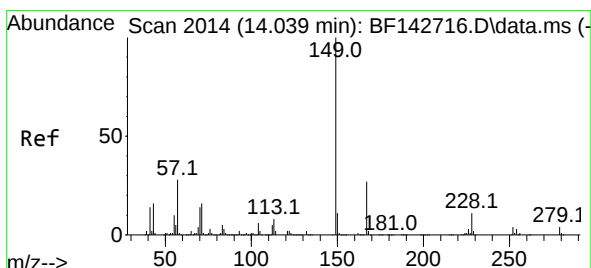
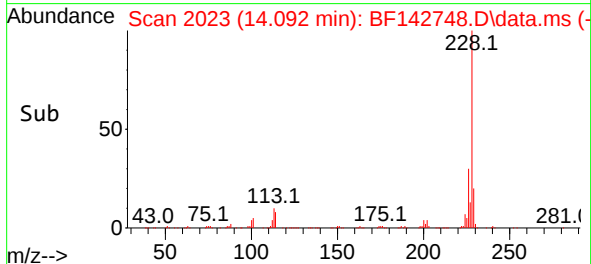
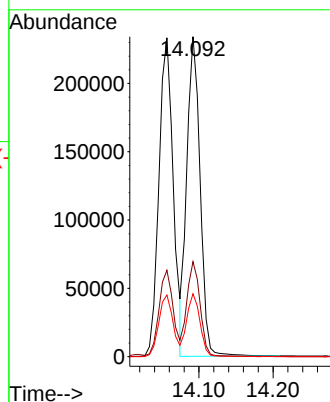
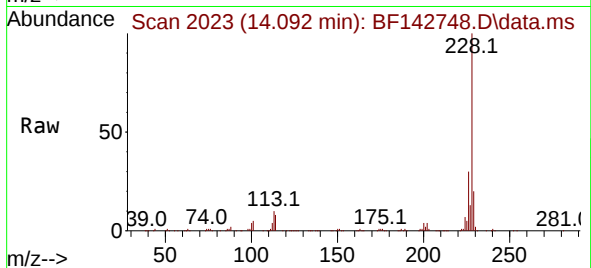
Tgt Ion:228 Resp: 292572

Ion Ratio Lower Upper

228 100

226 29.7 23.6 35.4

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.841 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF142748.D

Acq: 12 Jun 2025 09:50

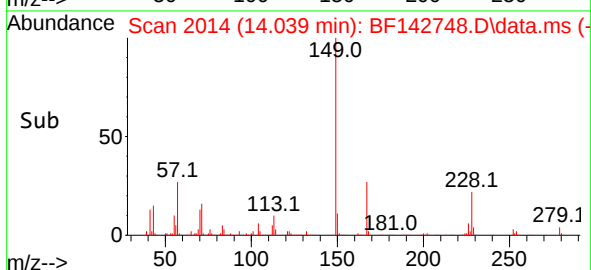
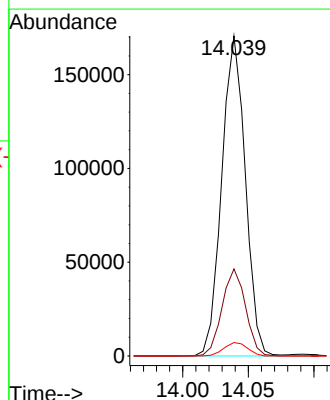
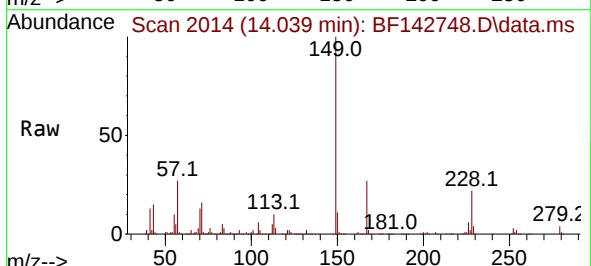
Tgt Ion:149 Resp: 212853

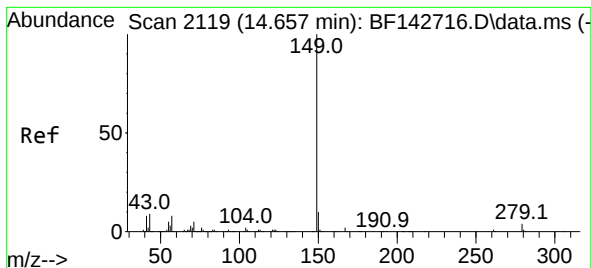
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.2 3.0 4.4

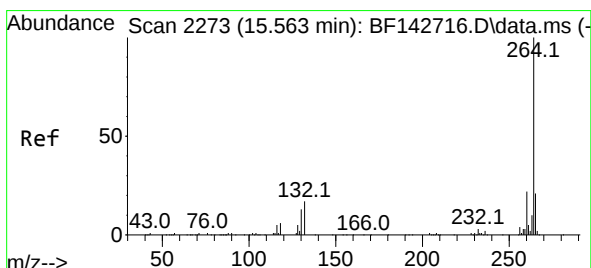
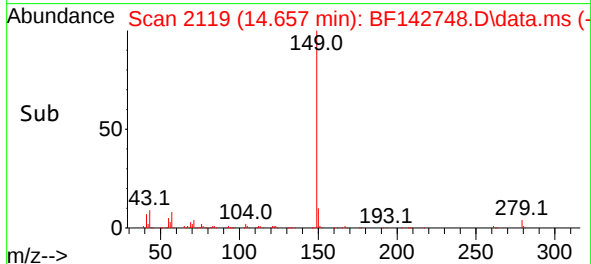
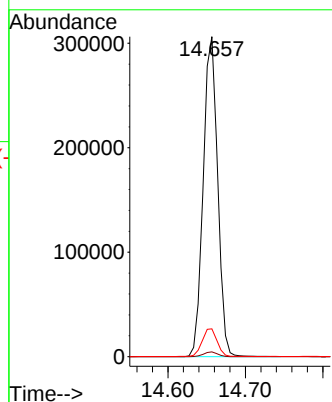
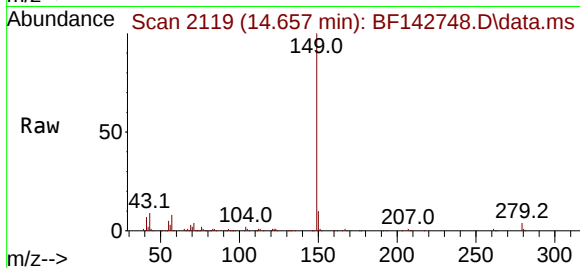




#85
Di-n-octyl phthalate
Concen: 41.573 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

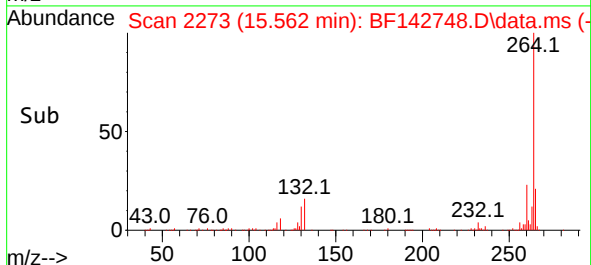
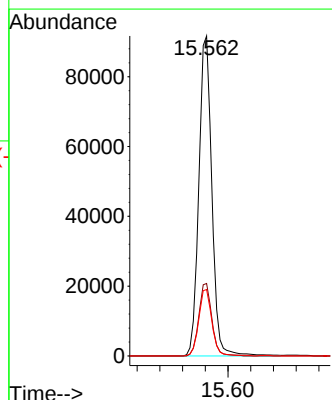
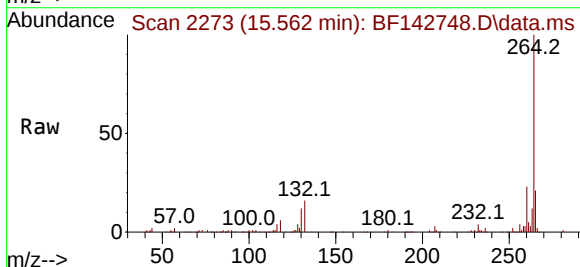
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

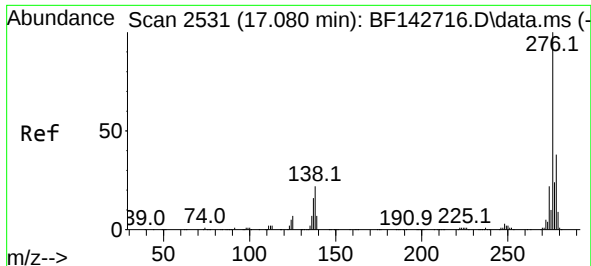
Tgt Ion:149 Resp: 396275
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:264 Resp: 146263
Ion Ratio Lower Upper
264 100
260 22.7 17.8 26.6
265 20.8 16.6 25.0

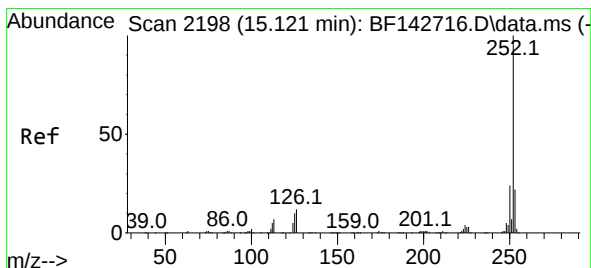
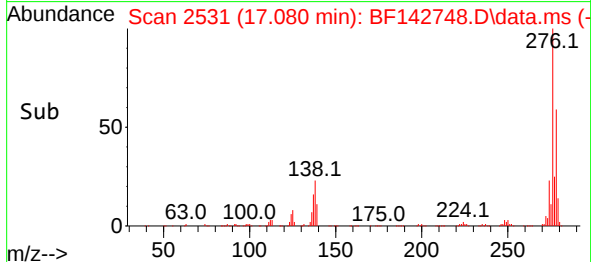
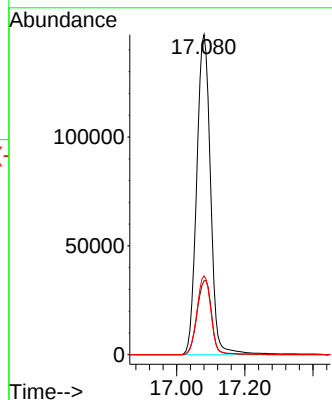
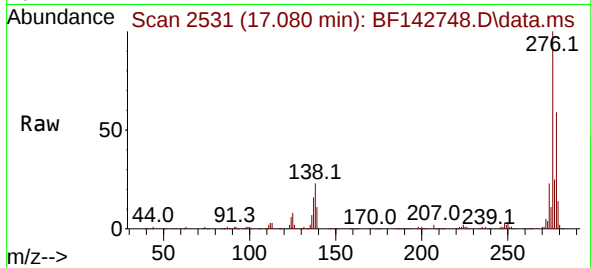




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.253 ng
 RT: 17.080 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142748.D
 Acq: 12 Jun 2025 09:50

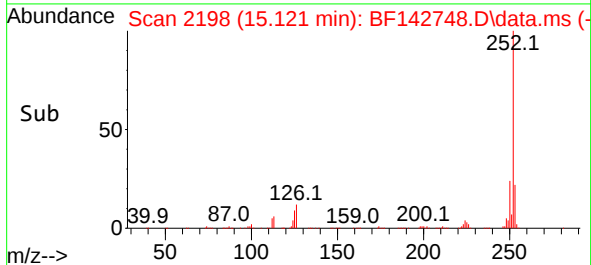
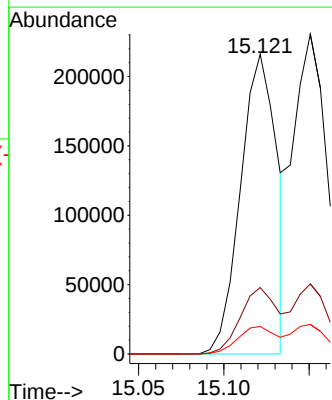
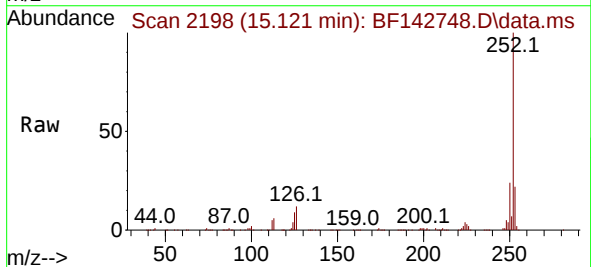
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

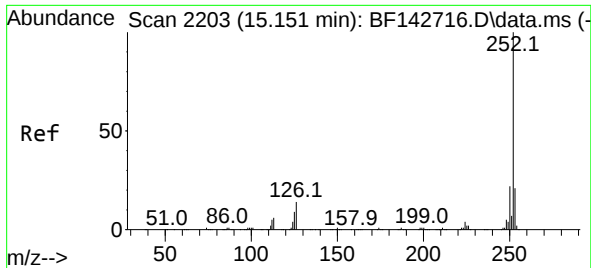
Tgt Ion:276 Resp: 414622
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.3 28.9
 277 24.8 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 36.994 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142748.D
 Acq: 12 Jun 2025 09:50

Tgt Ion:252 Resp: 318602
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 9.2 7.8 11.6

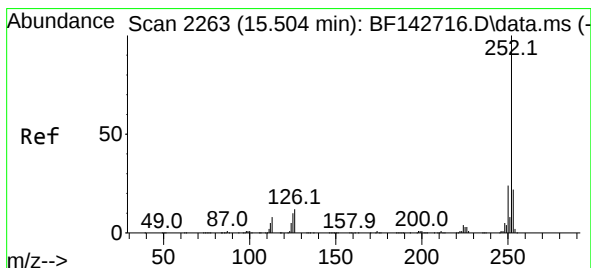
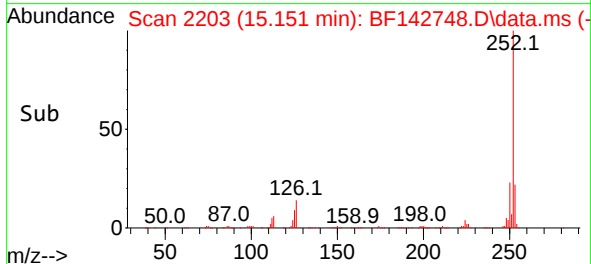
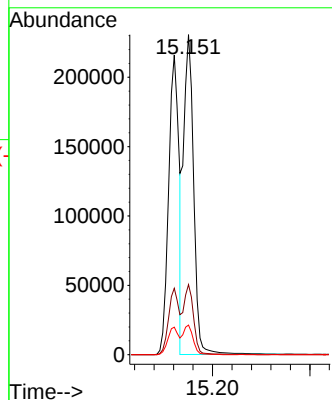
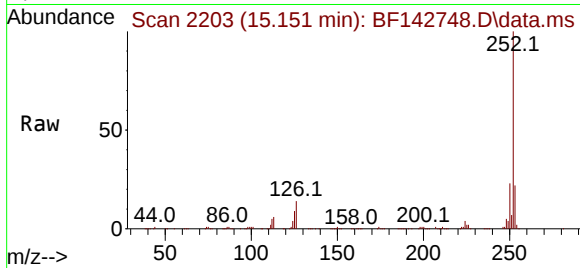




#89
Benzo(k)fluoranthene
Concen: 39.687 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

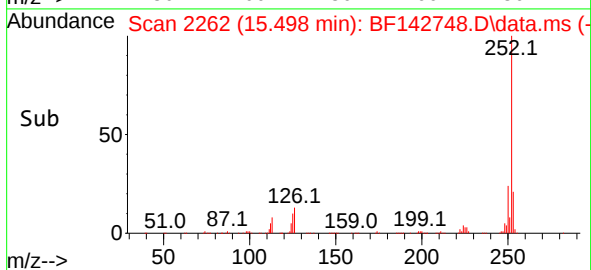
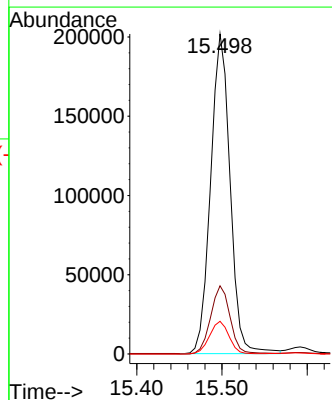
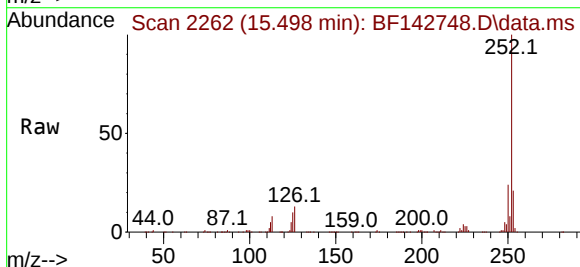
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

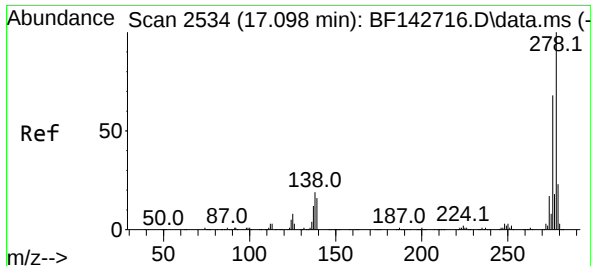
Tgt Ion:252 Resp: 331629
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 39.075 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:252 Resp: 319962
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 10.2 8.0 12.0

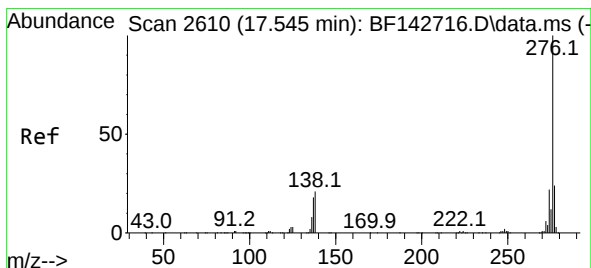
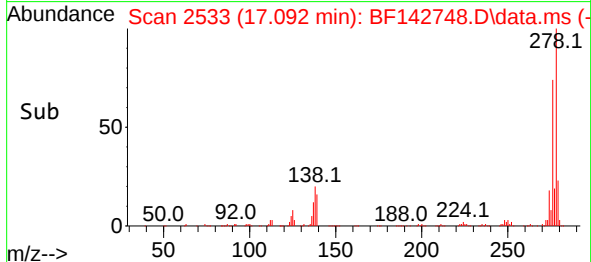
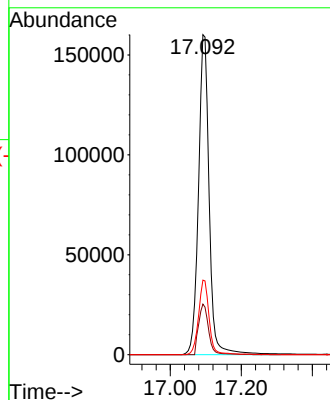
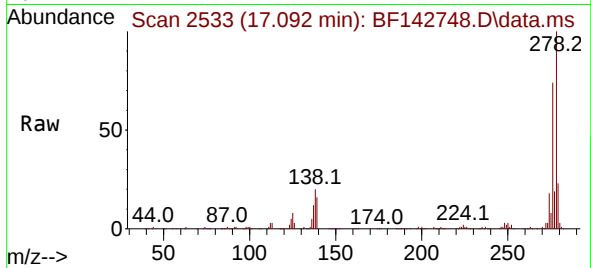




#91
Dibenzo(a,h)anthracene
Concen: 37.928 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 335674
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 23.3 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 37.382 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF142748.D
Acq: 12 Jun 2025 09:50

Tgt Ion:276 Resp: 328990
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.8 16.4 24.6

