

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141100.D
 Acq On : 09 Jan 2025 11:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 09 11:40:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	189129	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	729791	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	388875	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	628795	20.000	ng	0.00
76) Chrysene-d12	13.992	240	374061	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	398568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	922157	73.497	ng	0.00
7) Phenol-d6	6.451	99	1158978	71.705	ng	0.00
23) Nitrobenzene-d5	7.392	82	1065211	93.383	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	338412	89.557	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1890743	77.465	ng	0.00
79) Terphenyl-d14	12.933	244	1904116	84.551	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	201645	35.499	ng	97
3) Pyridine	3.293	79	500049	36.021	ng	98
4) n-Nitrosodimethylamine	3.240	42	244059	34.699	ng	97
6) Aniline	6.492	93	528882	36.689	ng	99
8) 2-Chlorophenol	6.610	128	501254	37.892	ng	100
9) Benzaldehyde	6.381	77	312768	39.474	ng	97
10) Phenol	6.469	94	622635	37.255	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	470837	34.890	ng	98
12) 1,3-Dichlorobenzene	6.769	146	562028	38.498	ng	100
13) 1,4-Dichlorobenzene	6.845	146	562287	38.207	ng	99
14) 1,2-Dichlorobenzene	6.998	146	527909	38.473	ng	100
15) Benzyl Alcohol	6.969	79	432308	37.220	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	688415	33.732	ng	98
17) 2-Methylphenol	7.075	107	402172	36.595	ng	98
18) Hexachloroethane	7.345	117	206775	39.552	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	343664	34.706	ng	99
20) 3+4-Methylphenols	7.234	107	511288	36.764	ng	# 81
22) Acetophenone	7.239	105	654668	36.568	ng	99
24) Nitrobenzene	7.410	77	560466	43.972	ng	97
25) Isophorone	7.651	82	909510	36.641	ng	99
26) 2-Nitrophenol	7.728	139	260198	49.613	ng	98
27) 2,4-Dimethylphenol	7.757	122	339125	37.383	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	574773	36.547	ng	99
29) 2,4-Dichlorophenol	7.963	162	409114	39.764	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	462951	39.755	ng	100
31) Naphthalene	8.133	128	1475383	38.366	ng	99
32) Benzoic acid	7.863	122	337278	45.630	ng	99
33) 4-Chloroaniline	8.181	127	505196	36.314	ng	99
34) Hexachlorobutadiene	8.251	225	278651	40.589	ng	100
35) Caprolactam	8.545	113	132042	37.751	ng	95
36) 4-Chloro-3-methylphenol	8.651	107	446961	39.117	ng	99
37) 2-Methylnaphthalene	8.822	142	945550	38.435	ng	99
38) 1-Methylnaphthalene	8.922	142	926664	38.327	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	429996	40.192	ng	99
41) Hexachlorocyclopentadiene	8.975	237	158369	44.670	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	300460	42.197	ng	100

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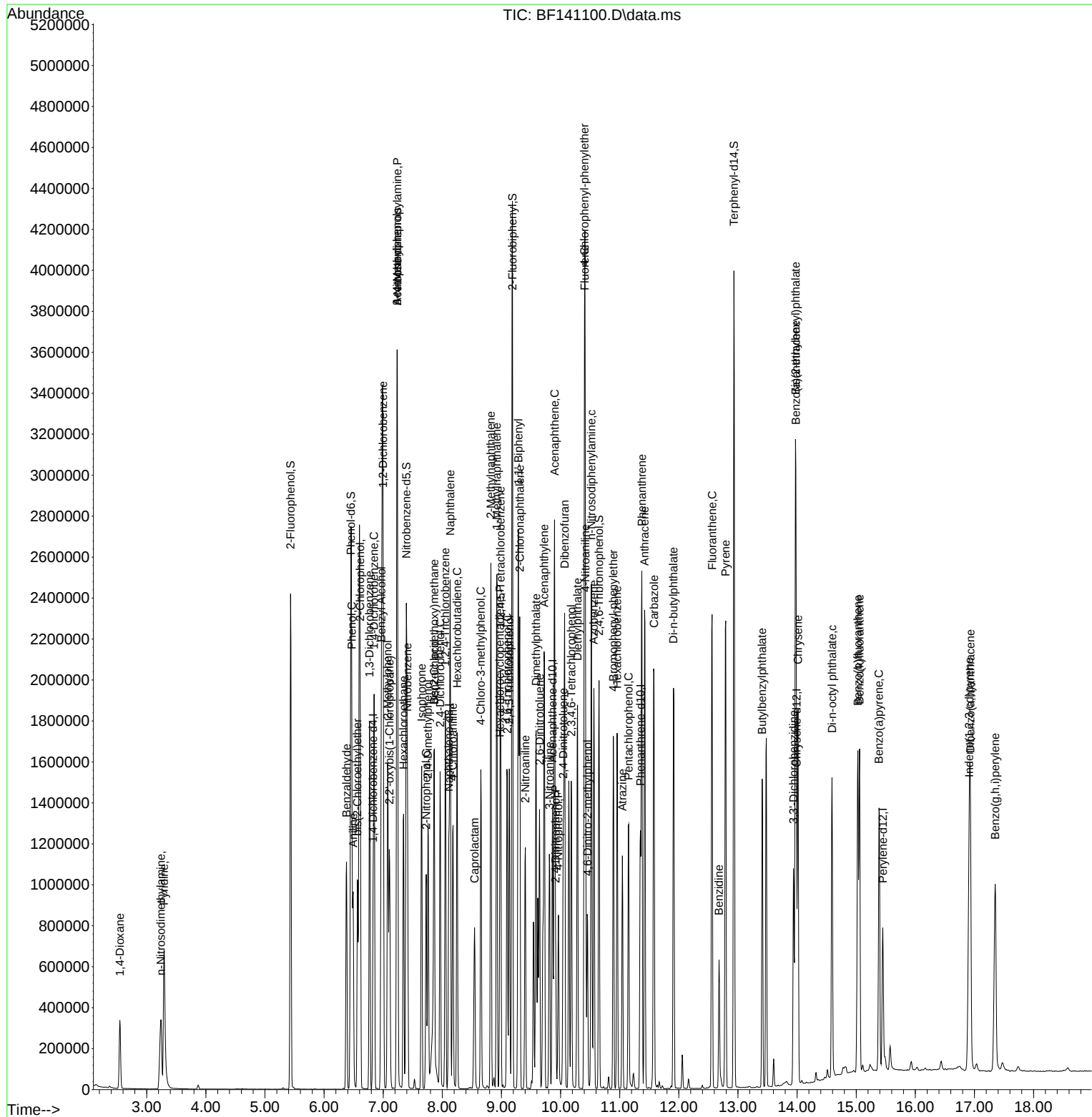
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	304296	41.767	ng	99
46) 1,1'-Biphenyl	9.286	154	1159930	38.955	ng	99
47) 2-Chloronaphthalene	9.310	162	898480	38.906	ng	100
48) 2-Nitroaniline	9.404	65	276990	46.057	ng	93
49) Acenaphthylene	9.722	152	1303797	39.219	ng	100
50) Dimethylphthalate	9.586	163	1018029	39.799	ng	100
51) 2,6-Dinitrotoluene	9.645	165	242319	46.571	ng	96
52) Acenaphthene	9.898	154	914126	40.674	ng	100
53) 3-Nitroaniline	9.810	138	247527	43.930	ng	# 95
54) 2,4-Dinitrophenol	9.916	184	116634	63.026	ng	# 1
55) Dibenzofuran	10.069	168	1239124	39.232	ng	100
56) 4-Nitrophenol	9.963	139	190444	43.525	ng	98
57) 2,4-Dinitrotoluene	10.045	165	314831	49.197	ng	95
58) Fluorene	10.410	166	961724	39.267	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	256132	42.449	ng	98
60) Diethylphthalate	10.286	149	1001009	39.640	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	470788	39.948	ng	99
62) 4-Nitroaniline	10.422	138	244871	43.541	ng	94
63) Azobenzene	10.563	77	992705	37.453	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	164837	62.294	ng	90
66) n-Nitrosodiphenylamine	10.522	169	835615	42.201	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	296377	43.602	ng	99
68) Hexachlorobenzene	10.957	284	324048	43.234	ng	99
69) Atrazine	11.045	200	188650	34.104	ng	98
70) Pentachlorophenol	11.151	266	216126	46.314	ng	99
71) Phenanthrene	11.374	178	1332993	40.279	ng	99
72) Anthracene	11.422	178	1311023	40.429	ng	99
73) Carbazole	11.580	167	1202415	38.571	ng	99
74) Di-n-butylphthalate	11.910	149	1413400	39.862	ng	99
75) Fluoranthene	12.563	202	1341498	37.375	ng	97
77) Benzidine	12.680	184	359243	45.443	ng	99
78) Pyrene	12.792	202	1332974	40.746	ng	99
80) Butylbenzylphthalate	13.410	149	473333	39.623	ng	99
81) Benzo(a)anthracene	13.980	228	968207	37.139	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	321372	41.030	ng	99
83) Chrysene	14.015	228	864774	36.797	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	556689	35.926	ng	99
85) Di-n-octyl phthalate	14.592	149	944424	42.111	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1060066	42.216	ng	96
88) Benzo(b)fluoranthene	15.027	252	955090	34.359	ng	99
89) Benzo(k)fluoranthene	15.057	252	888029	40.760	ng	99
90) Benzo(a)pyrene	15.386	252	824367	38.208	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	867732	42.630	ng	97
92) Benzo(g,h,i)perylene	17.351	276	889592	42.137	ng	97

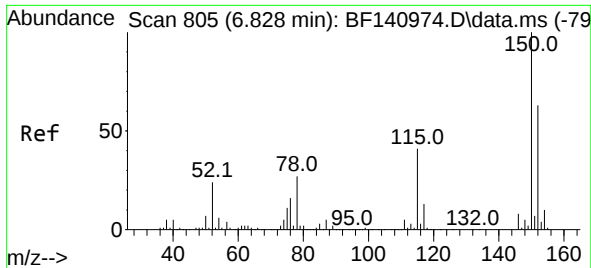
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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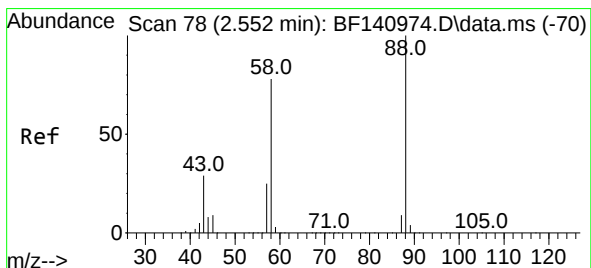
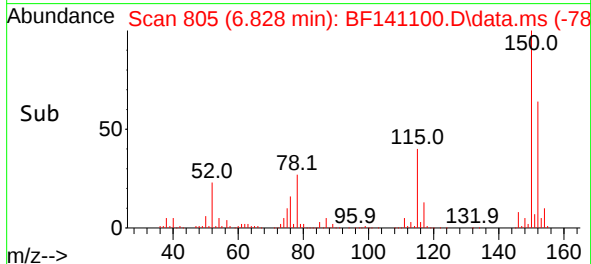
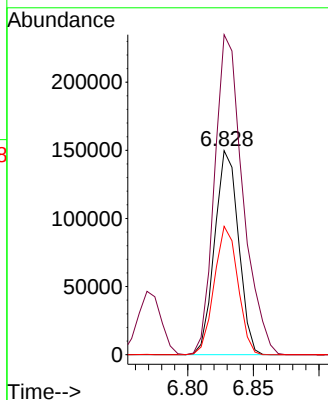
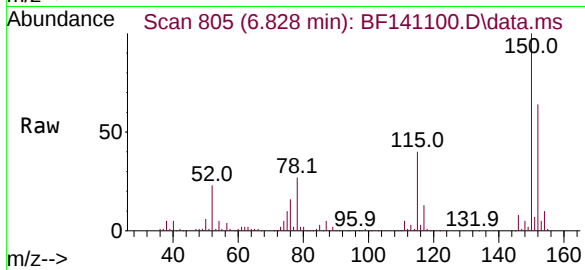




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141100.D
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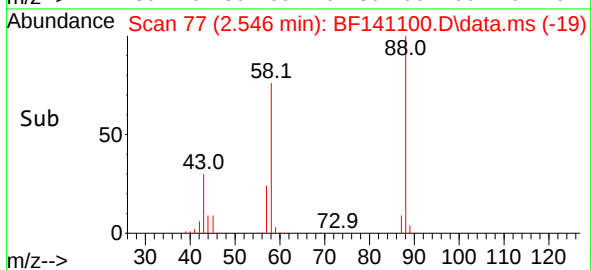
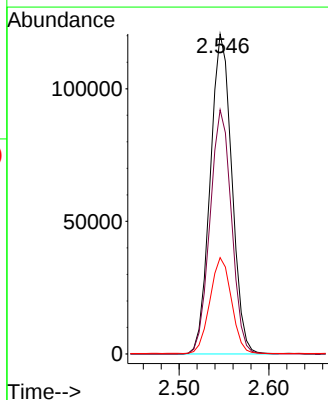
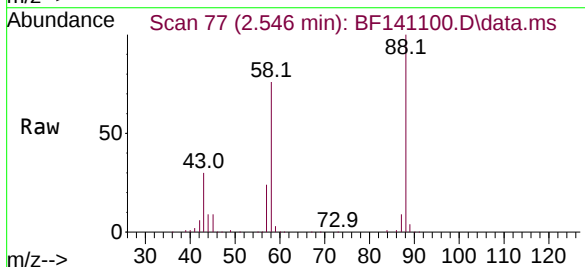
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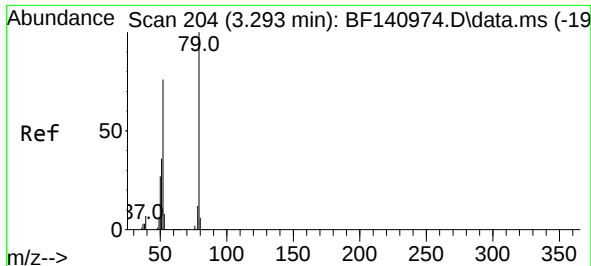
Tgt Ion:152 Resp: 189129
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.0 190.6
 115 62.9 51.7 77.5



#2
 1,4-Dioxane
 Concen: 35.499 ng
 RT: 2.546 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BF141100.D
 Acq: 09 Jan 2025 11:04

Tgt Ion: 88 Resp: 201645
 Ion Ratio Lower Upper
 88 100
 58 75.9 63.0 94.4
 43 29.8 23.4 35.2

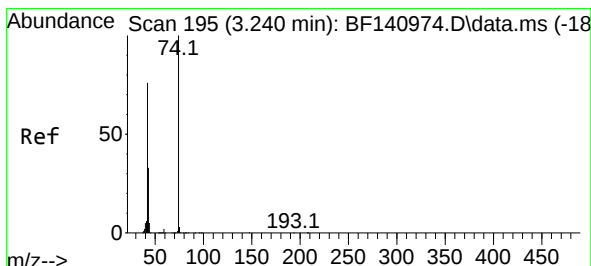
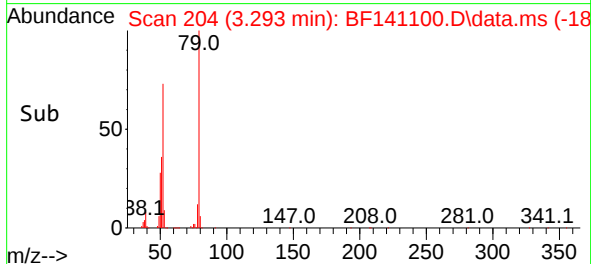
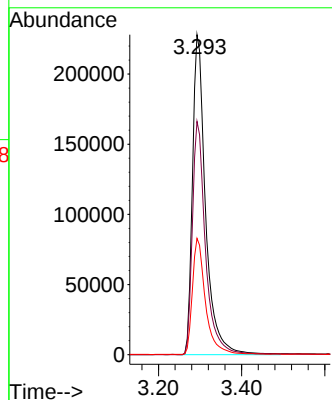
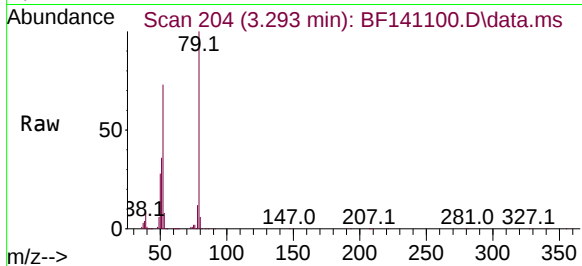




#3
 Pyridine
 Concen: 36.021 ng
 RT: 3.293 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: BF141100.D
 Acq: 09 Jan 2025 11:04

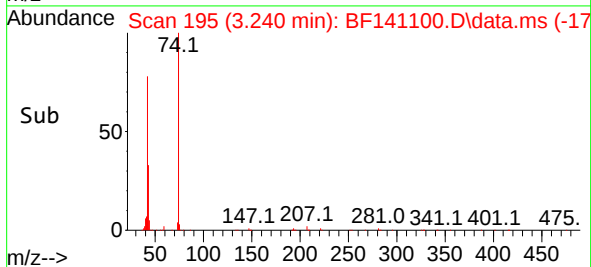
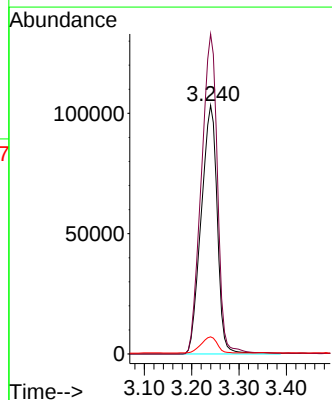
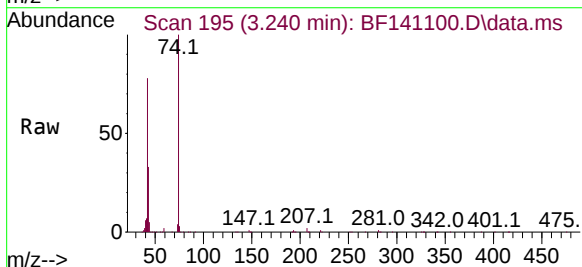
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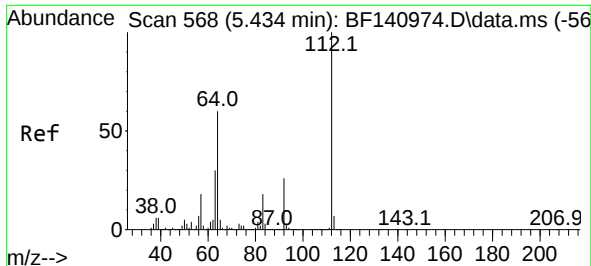
Tgt Ion: 79 Resp: 500049
 Ion Ratio Lower Upper
 79 100
 52 72.9 60.4 90.6
 51 36.4 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 34.699 ng
 RT: 3.240 min Scan# 195
 Delta R.T. -0.000 min
 Lab File: BF141100.D
 Acq: 09 Jan 2025 11:04

Tgt Ion: 42 Resp: 244059
 Ion Ratio Lower Upper
 42 100
 74 128.7 105.8 158.6
 44 6.9 6.6 10.0

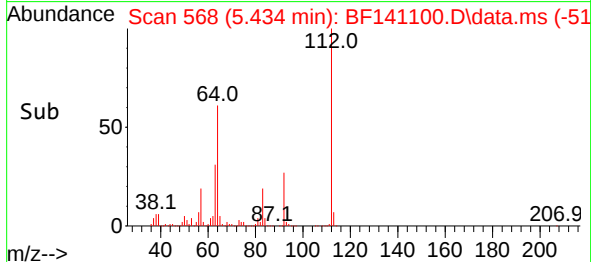
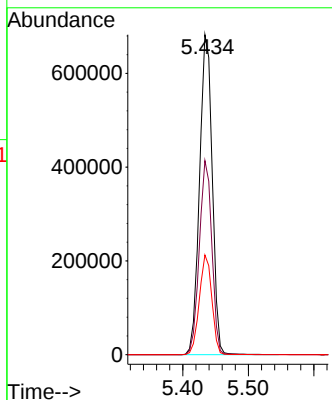
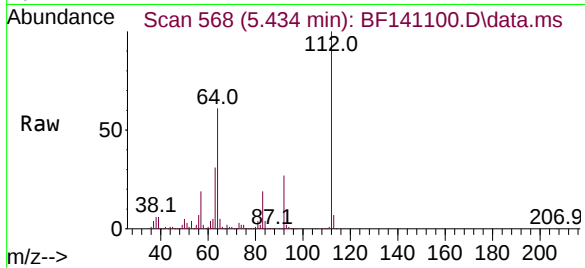




#5
2-Fluorophenol
Concen: 73.497 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

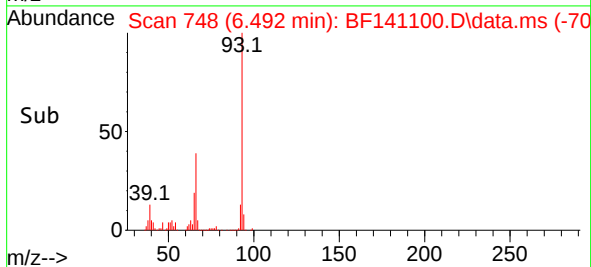
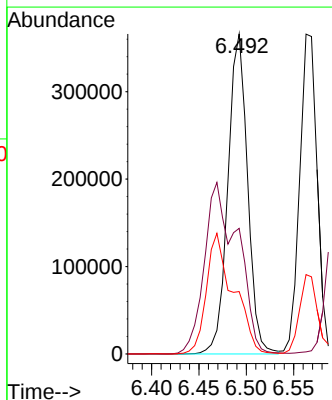
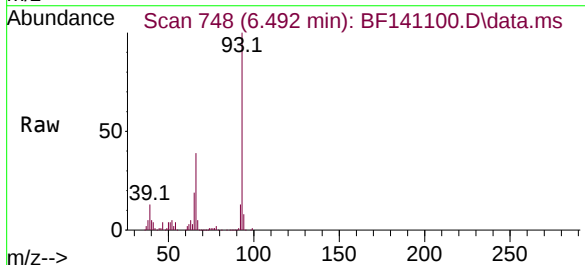
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 922157
Ion Ratio Lower Upper
112 100
64 60.7 47.7 71.5
63 31.2 24.2 36.2



#6
Aniline
Concen: 36.689 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion: 93 Resp: 528882
Ion Ratio Lower Upper
93 100
66 39.3 31.8 47.8
65 19.5 15.4 23.0

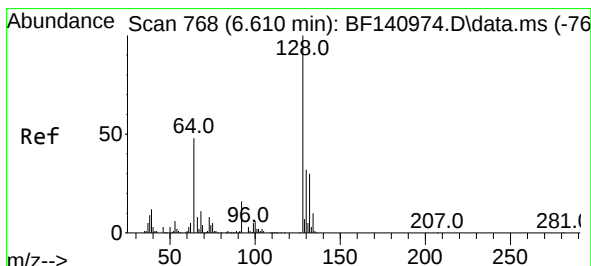
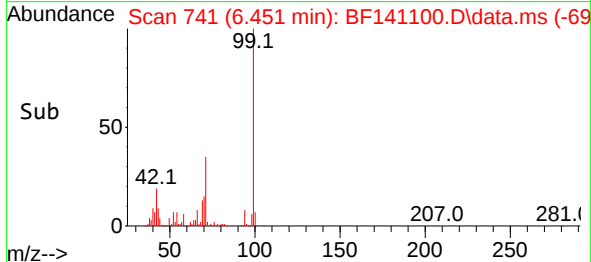
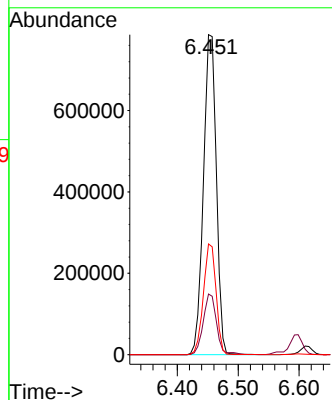
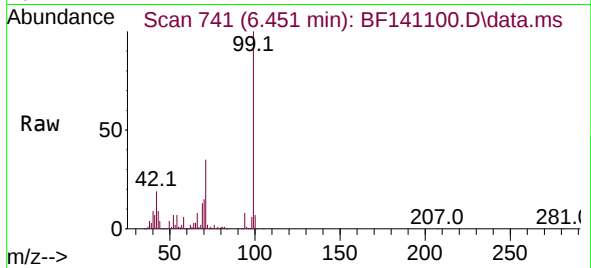




#7
Phenol-d6
Concen: 71.705 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

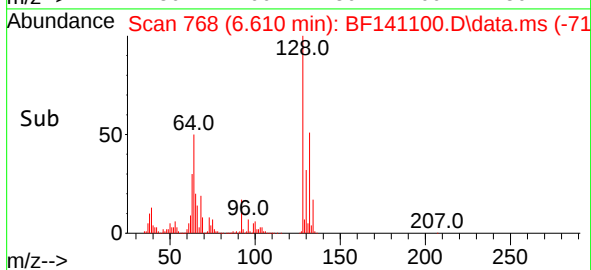
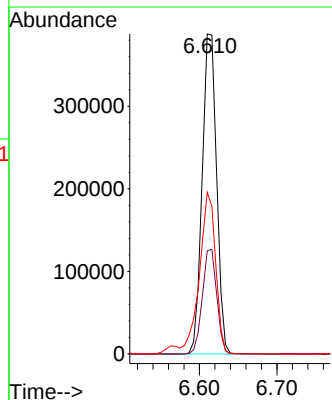
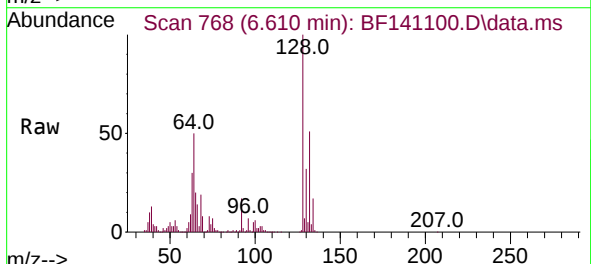
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Tgt Ion: 99 Resp: 1158978
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 34.6 26.2 39.2



#8
2-Chlorophenol
Concen: 37.892 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion: 128 Resp: 501254
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 50.5 30.3 70.3

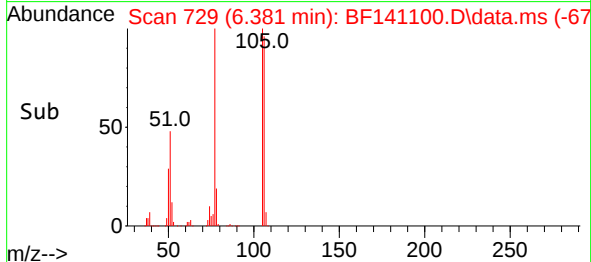
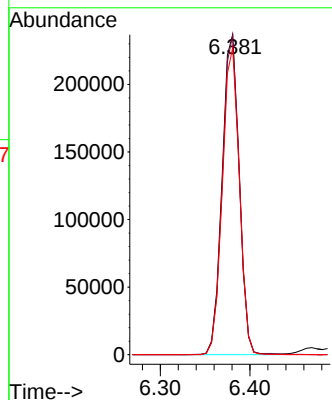
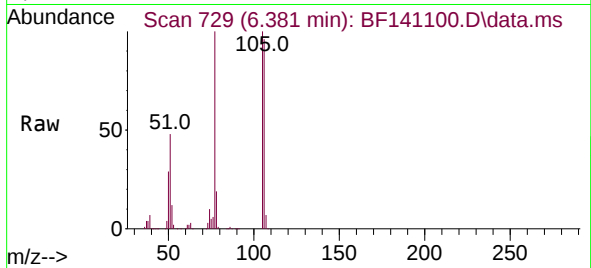




#9
Benzaldehyde
Concen: 39.474 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

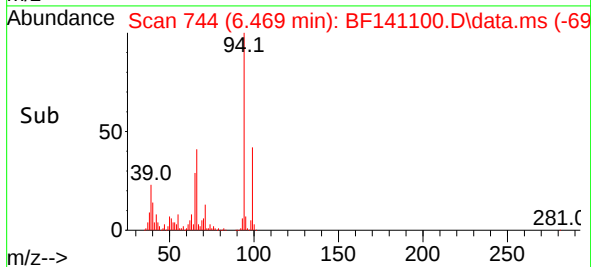
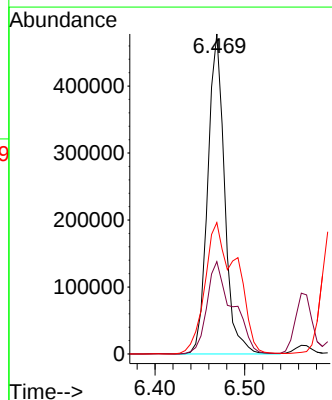
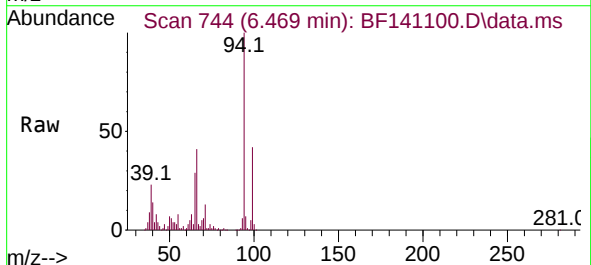
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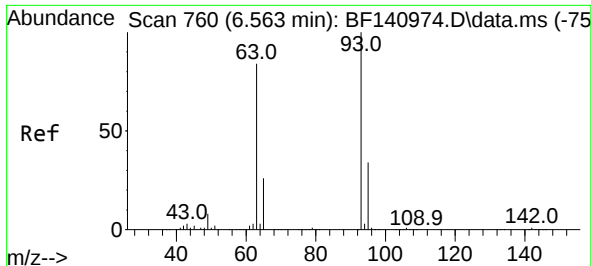
Tgt Ion: 77 Resp: 312768
Ion Ratio Lower Upper
77 100
105 99.9 76.2 116.2
106 95.9 73.4 113.4



#10
Phenol
Concen: 37.255 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141100.D
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Tgt Ion: 94 Resp: 622635
Ion Ratio Lower Upper
94 100
65 28.9 8.1 48.1
66 41.1 18.7 58.7

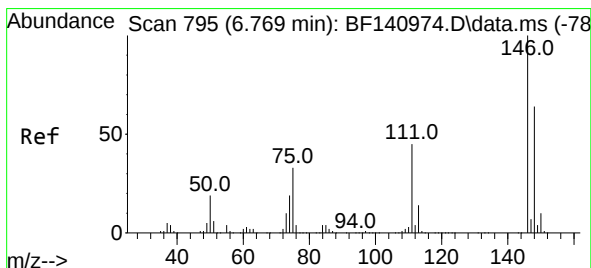
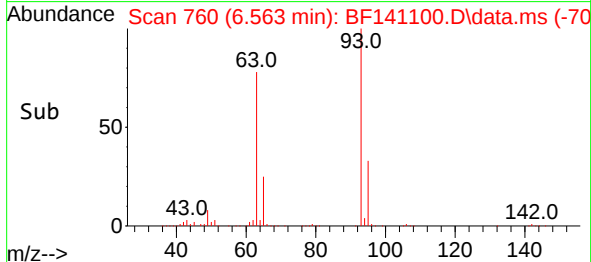
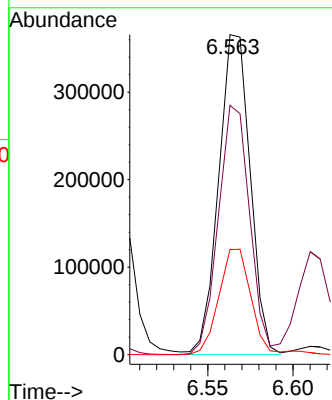
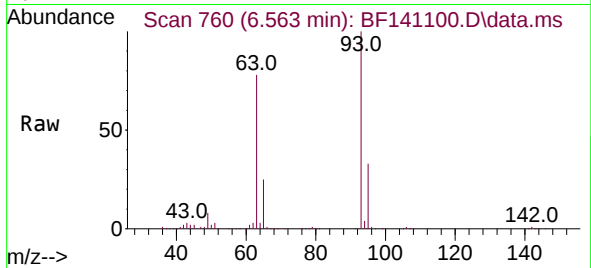




#11
bis(2-Chloroethyl)ether
Concen: 34.890 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

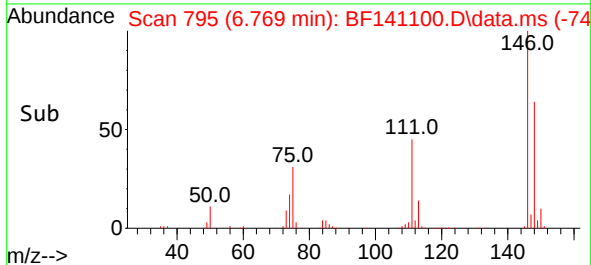
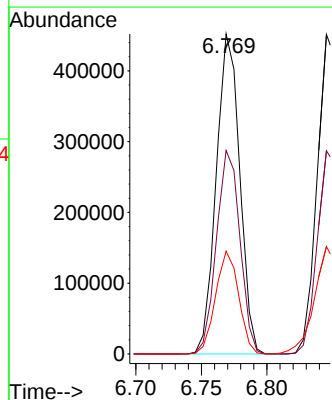
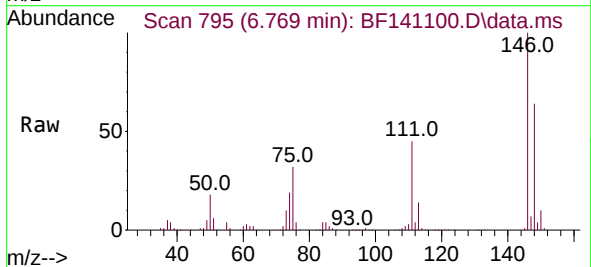
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 470837
Ion Ratio Lower Upper
93 100
63 77.9 60.3 100.3
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 38.498 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:146 Resp: 562028
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 32.1 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.207 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

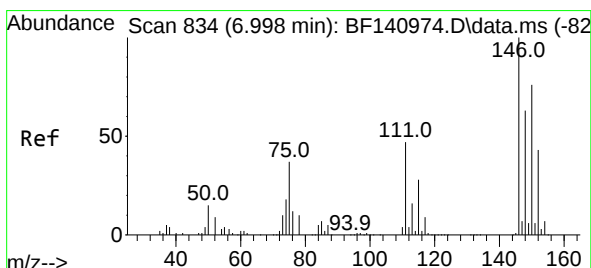
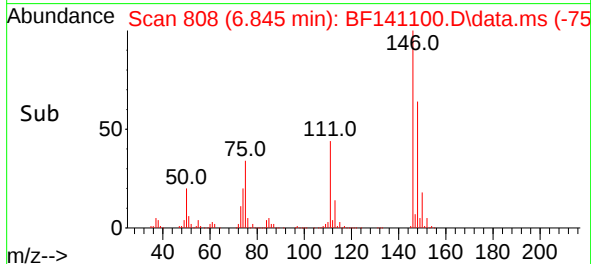
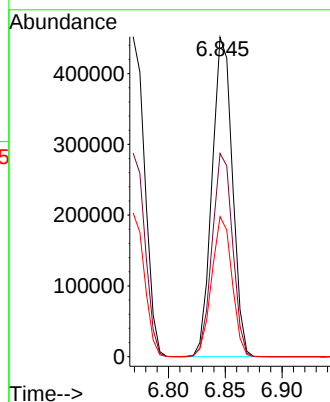
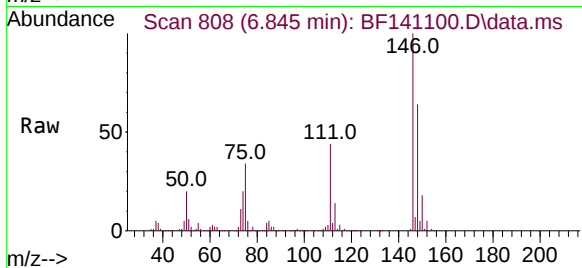
Tgt Ion:146 Resp: 562287

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 43.8 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 38.473 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

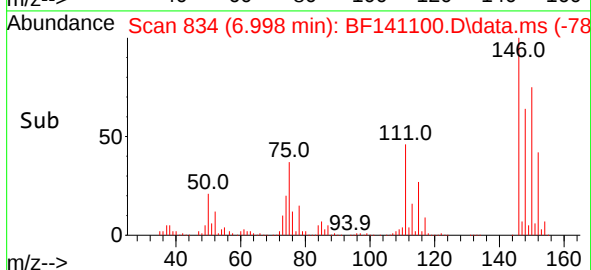
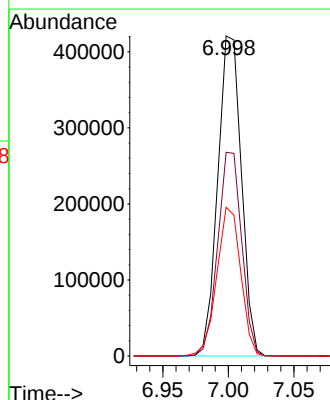
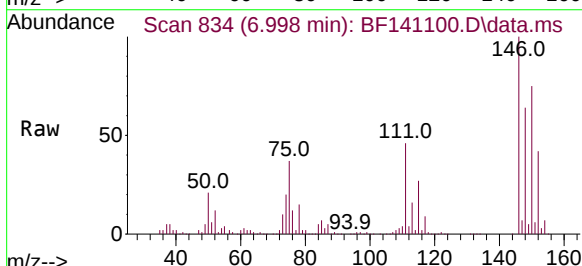
Tgt Ion:146 Resp: 527909

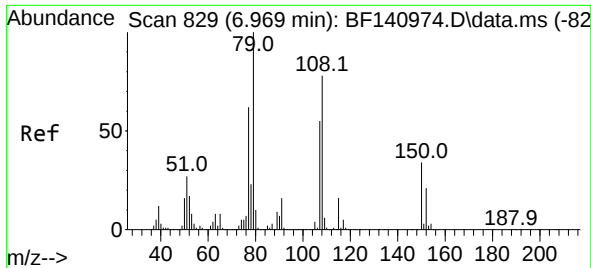
Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

111 46.5 37.3 55.9

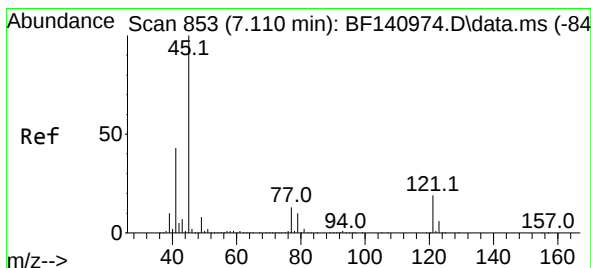
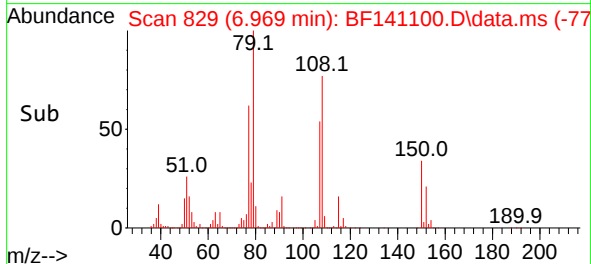
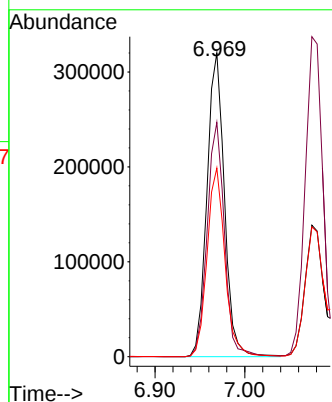
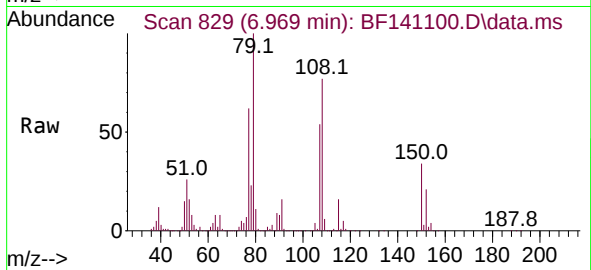




#15
Benzyl Alcohol
Concen: 37.220 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

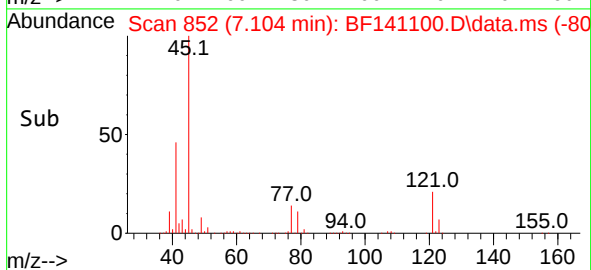
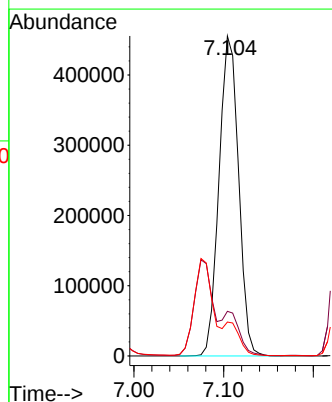
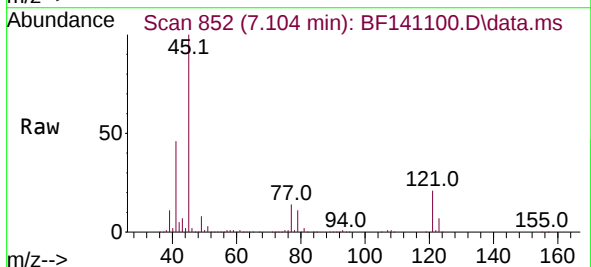
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 432308
Ion Ratio Lower Upper
79 100
108 77.1 62.5 93.7
77 62.1 49.3 73.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.732 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion: 45 Resp: 688415
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.1
79 10.6 0.0 30.1

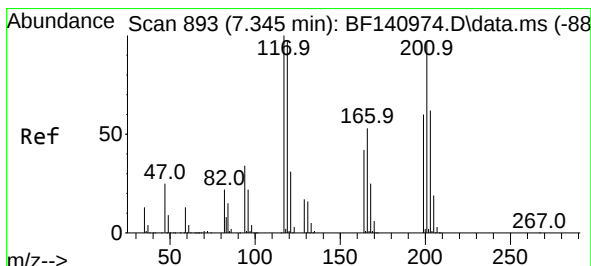
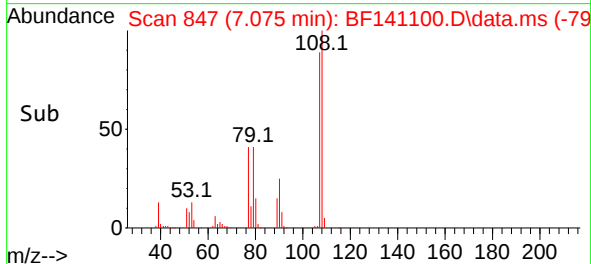
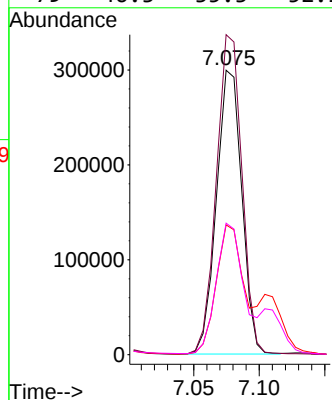
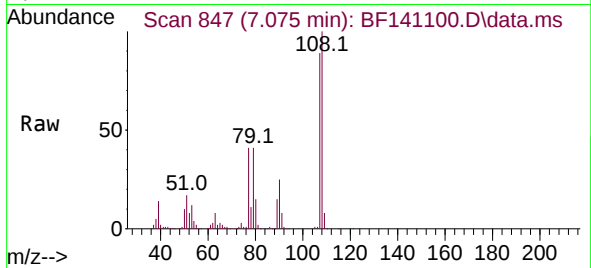




#17
2-Methylphenol
Concen: 36.595 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

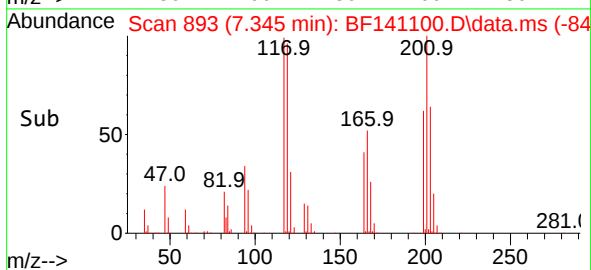
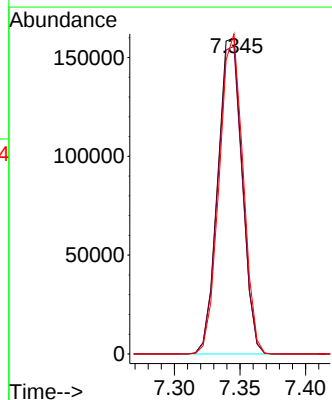
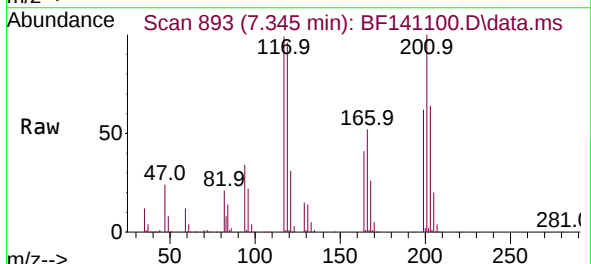
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

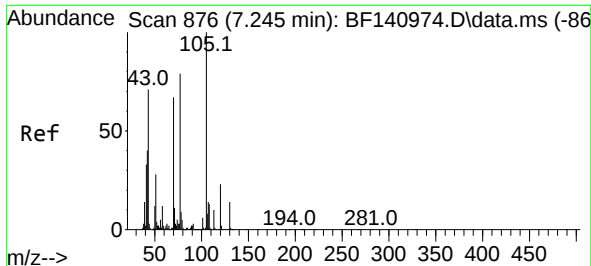
Tgt Ion:107 Resp: 402172
Ion Ratio Lower Upper
107 100
108 112.5 90.6 136.0
77 45.7 35.3 52.9
79 46.3 35.3 52.9



#18
Hexachloroethane
Concen: 39.552 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:117 Resp: 206775
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
201 101.4 77.4 116.2

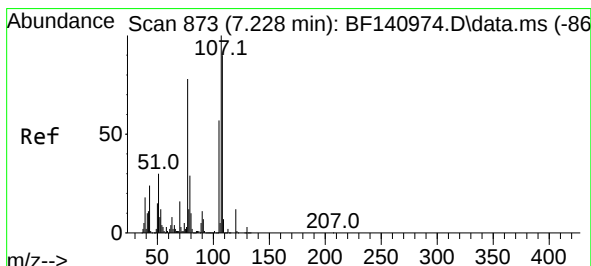
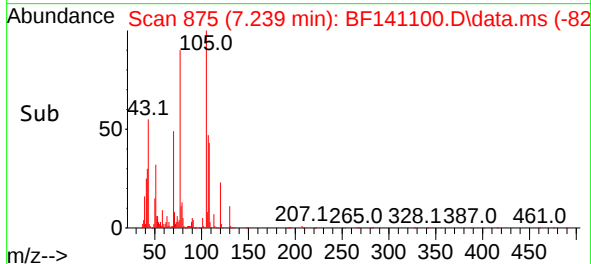
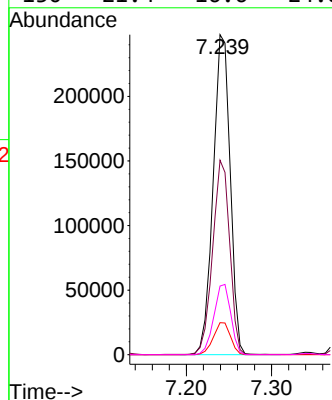
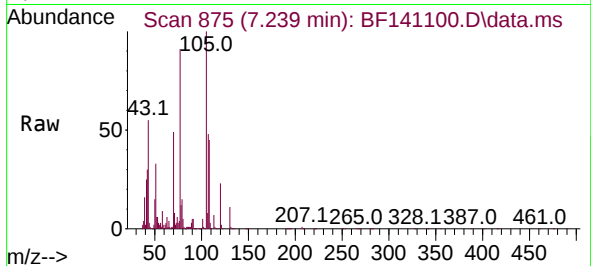




#19
n-Nitroso-di-n-propylamine
Concen: 34.706 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

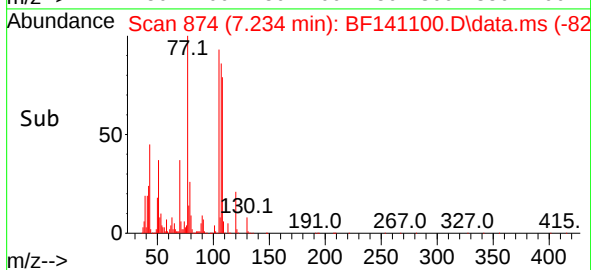
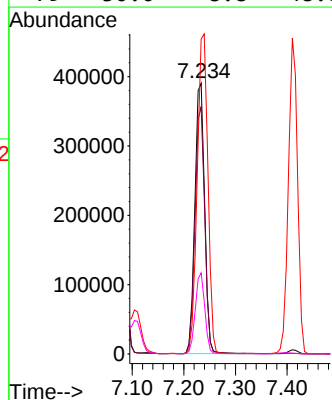
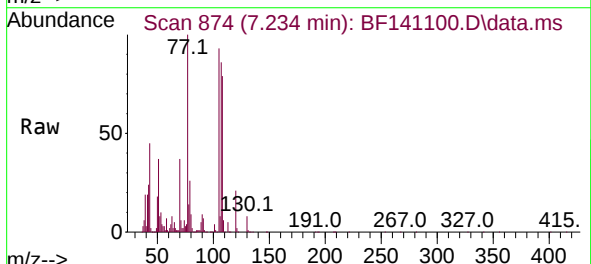
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 343664
Ion Ratio Lower Upper
70 100
42 60.8 48.1 72.1
101 10.0 7.6 11.4
130 21.4 16.6 24.8



#20
3+4-Methylphenols
Concen: 36.764 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion: 107 Resp: 511288
Ion Ratio Lower Upper
107 100
108 91.4 69.6 109.6
77 116.4 57.6 97.6#
79 30.0 8.8 48.8

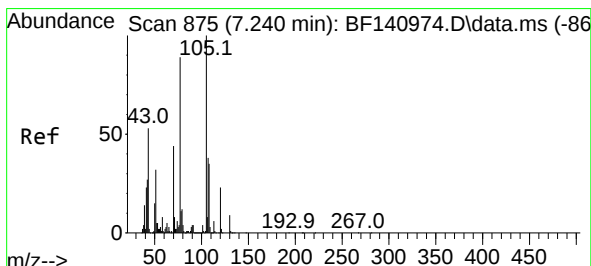
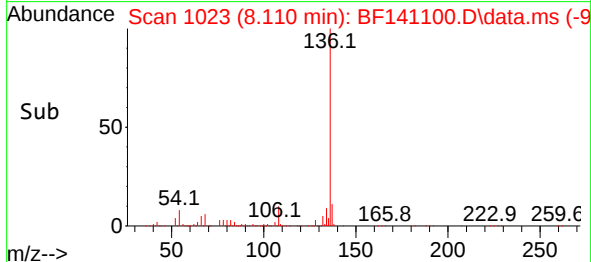
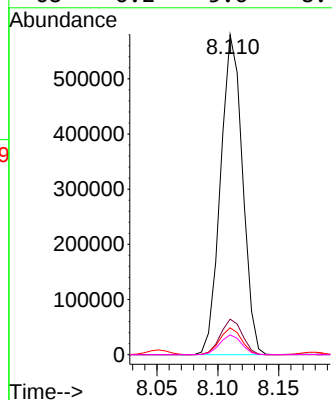
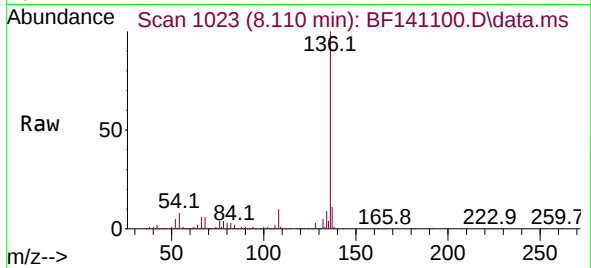




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

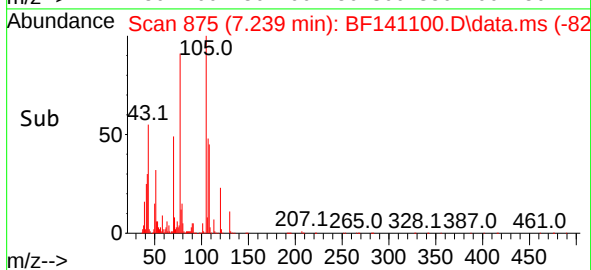
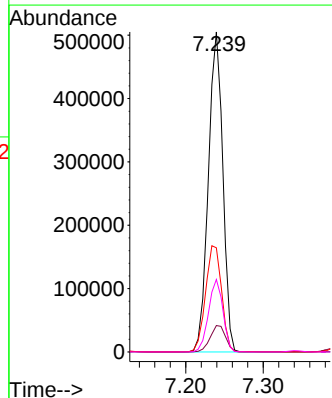
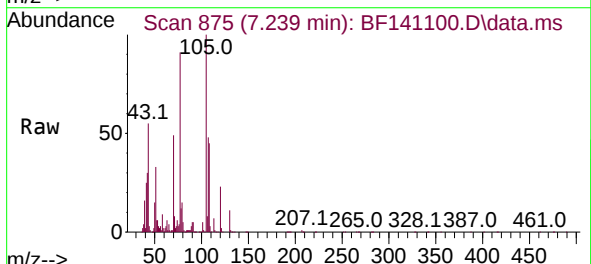
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

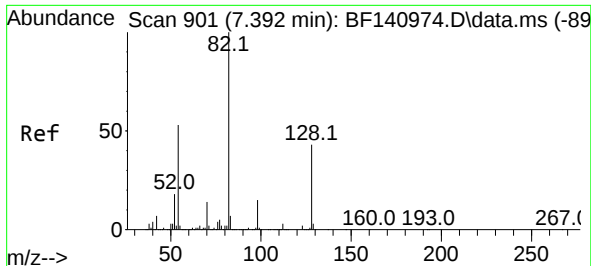
Tgt Ion:	136	Resp:	729791
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	8.4	7.6	11.4
68	6.2	5.6	8.4



#22
Acetophenone
Concen: 36.568 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:	105	Resp:	654668
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.1	9.1
51	32.5	25.8	38.6
120	22.7	18.1	27.1





#23

Nitrobenzene-d5

Concen: 93.383 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

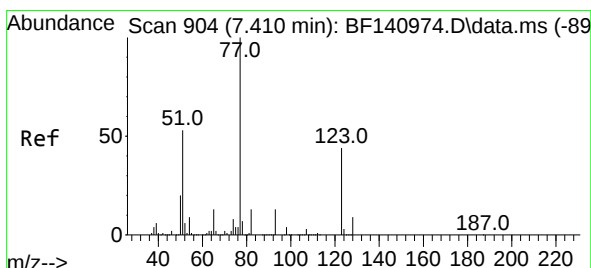
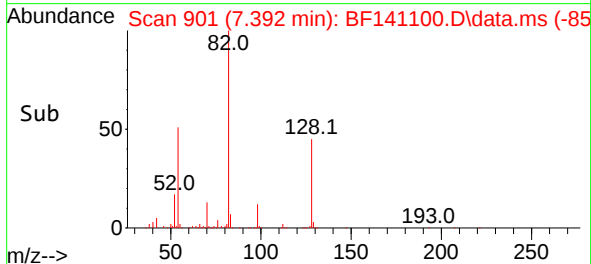
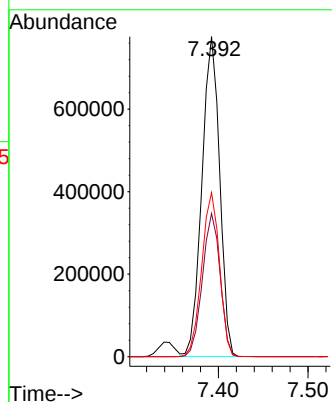
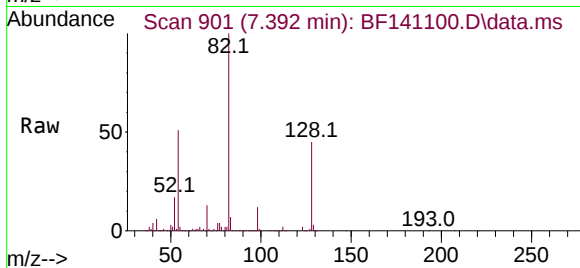
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1065211

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.4	51.6
54	51.3	42.4	63.6



#24

Nitrobenzene

Concen: 43.972 ng

RT: 7.410 min Scan# 904

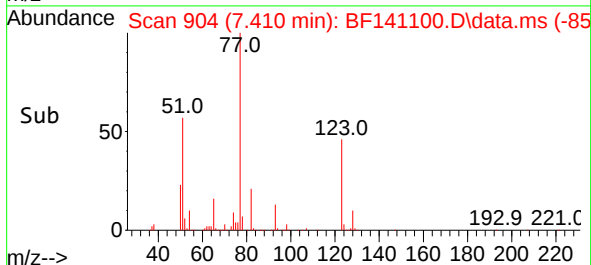
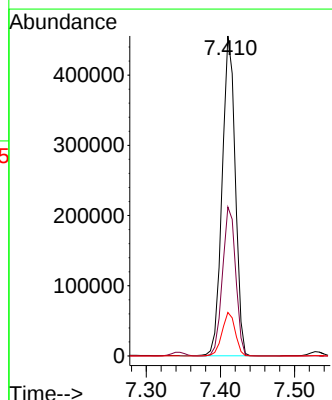
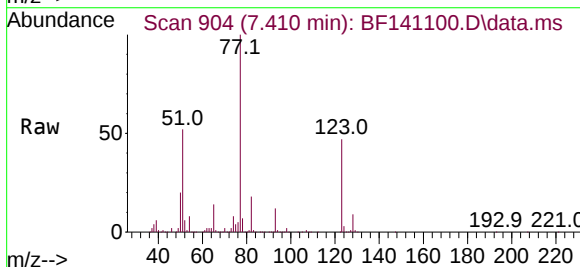
Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Tgt Ion: 77 Resp: 560466

Ion	Ratio	Lower	Upper
77	100		
123	46.6	35.4	53.2
65	13.6	10.7	16.1

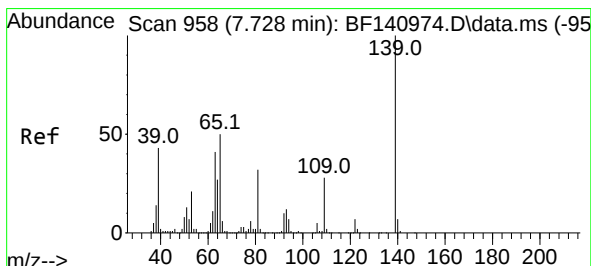
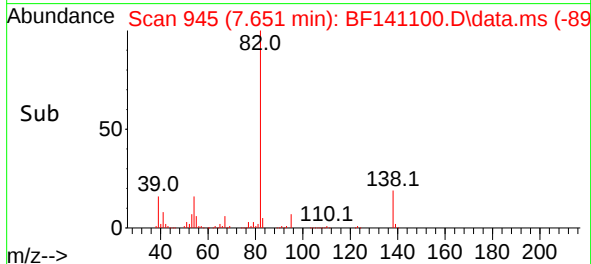
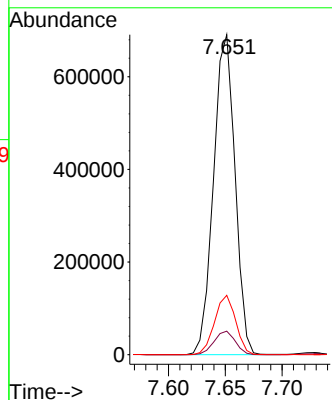
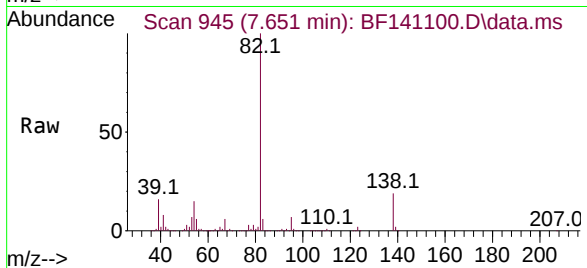




#25
Isophorone
Concen: 36.641 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

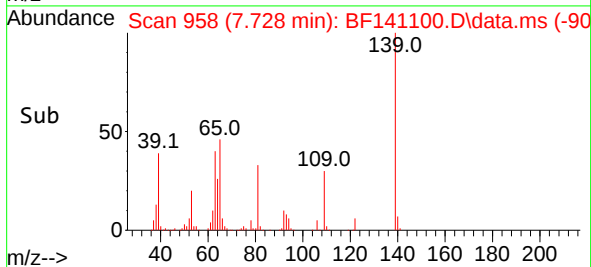
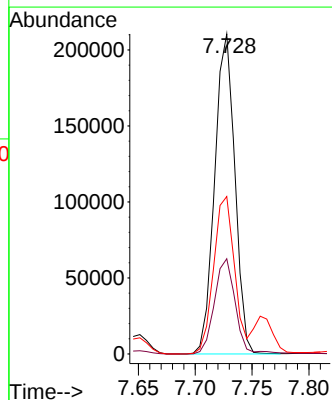
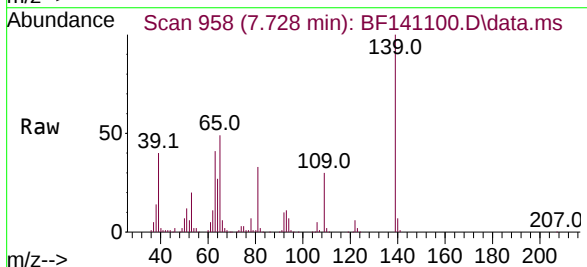
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

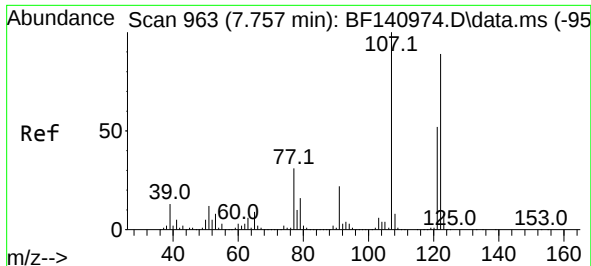
Tgt Ion: 82 Resp: 909510
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.6 14.6 21.8



#26
2-Nitrophenol
Concen: 49.613 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:139 Resp: 260198
Ion Ratio Lower Upper
139 100
109 29.8 22.2 33.4
65 49.2 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 37.383 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

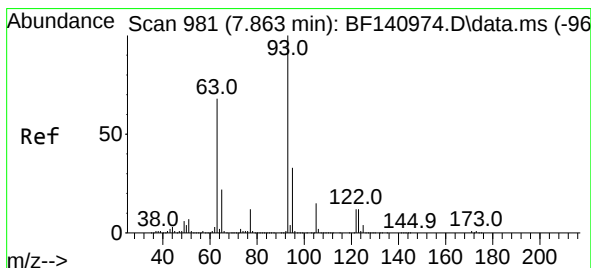
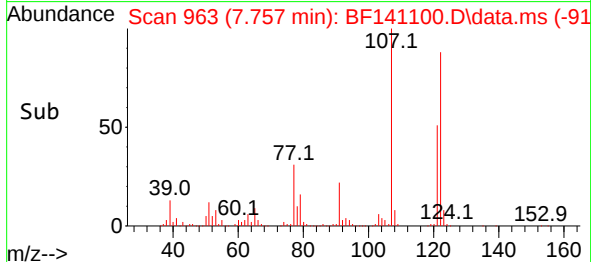
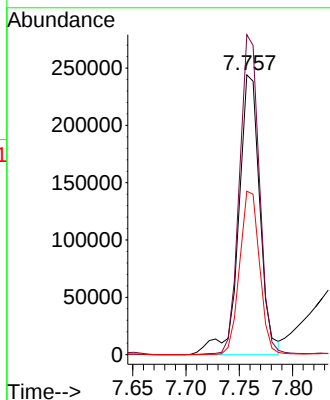
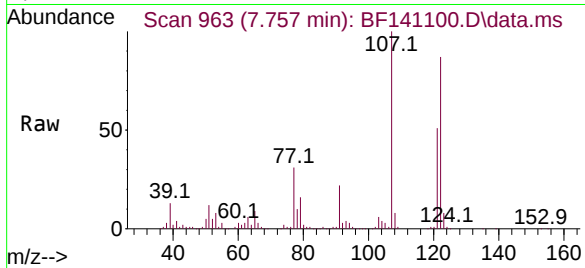
Tgt Ion:122 Resp: 339125

Ion Ratio Lower Upper

122 100

107 114.3 89.4 134.2

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 36.547 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

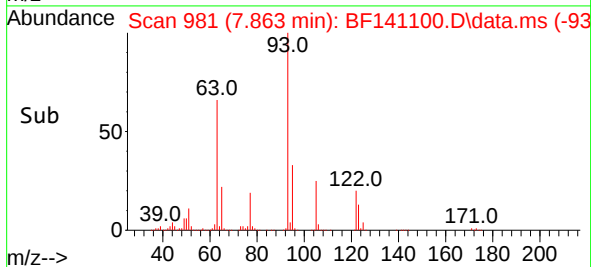
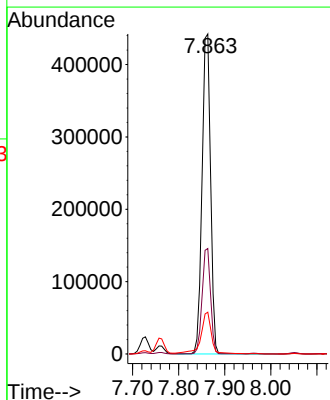
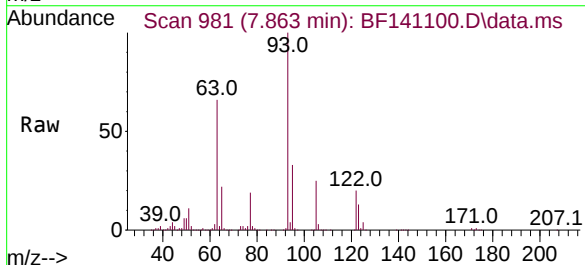
Tgt Ion: 93 Resp: 574773

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 13.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 39.764 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141100.D

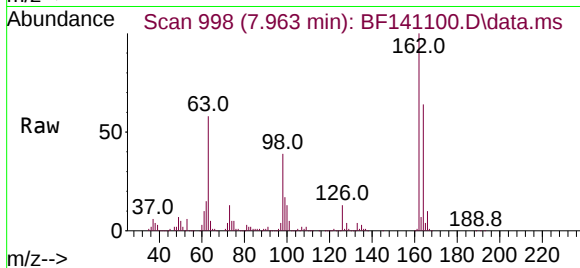
Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



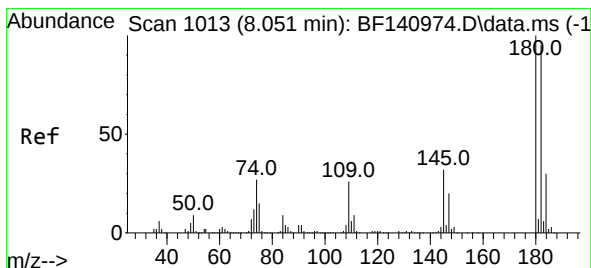
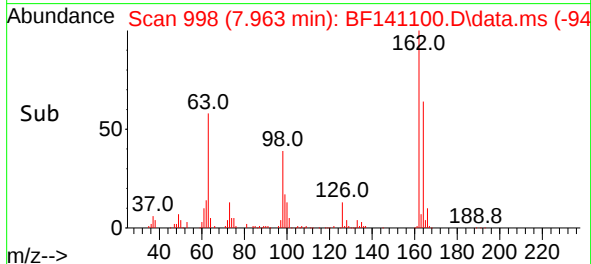
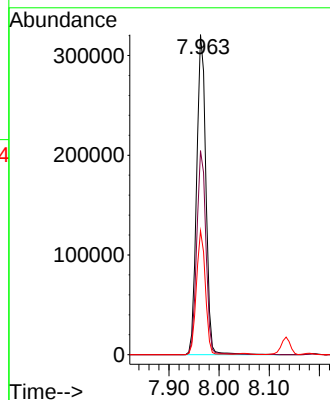
Tgt Ion:162 Resp: 409114

Ion Ratio Lower Upper

162 100

164 63.8 44.8 84.8

98 38.7 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.755 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

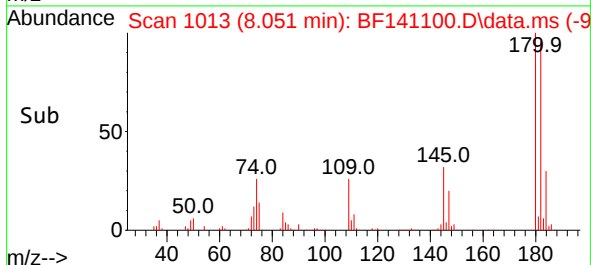
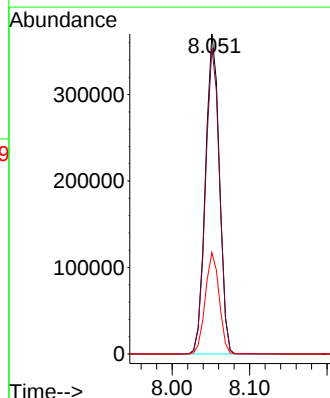
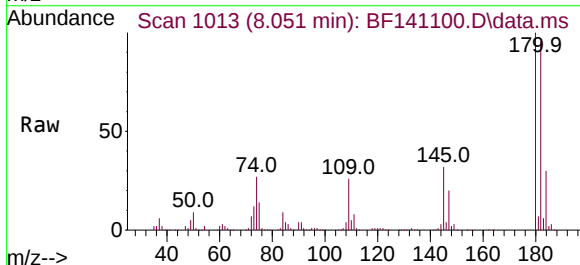
Tgt Ion:180 Resp: 462951

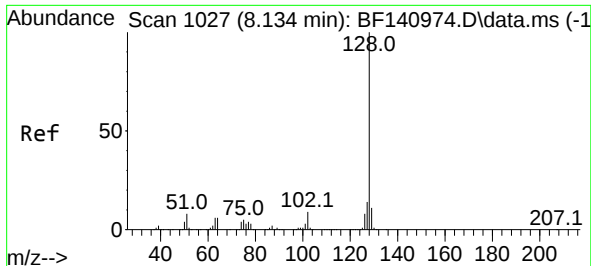
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 31.6 25.4 38.2

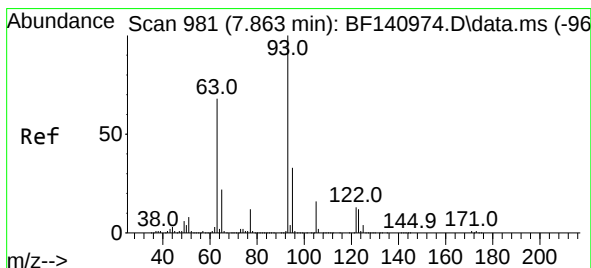
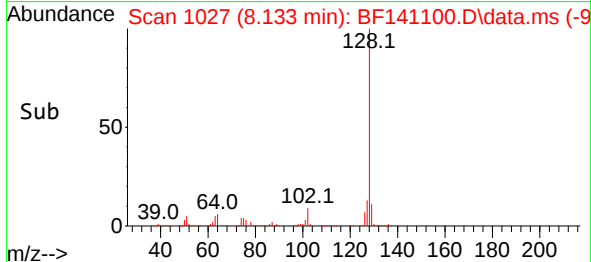
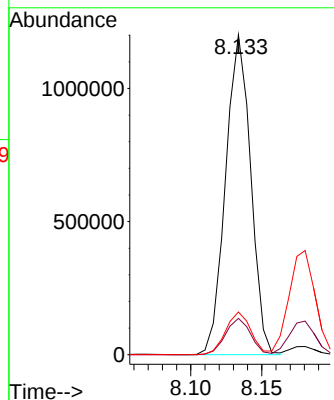
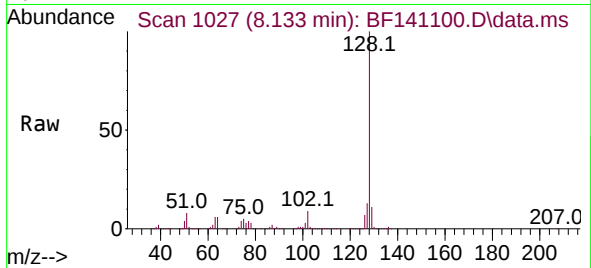




#31
Naphthalene
Concen: 38.366 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

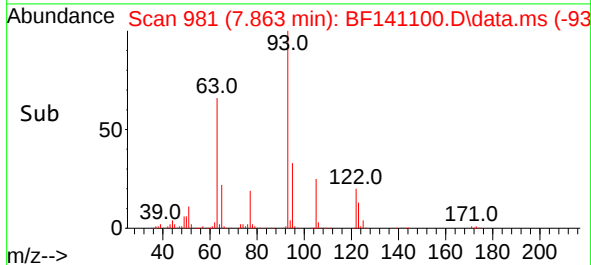
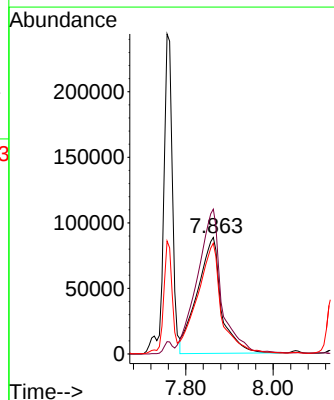
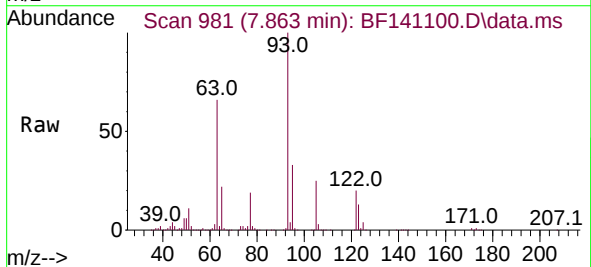
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

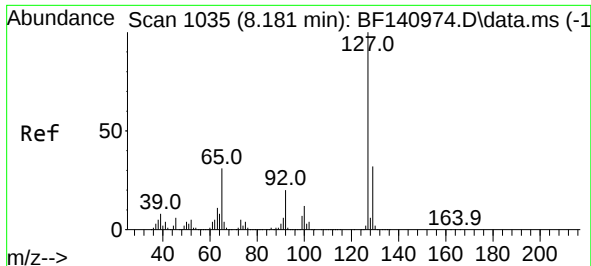
Tgt Ion:128 Resp: 1475383
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 45.630 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:122 Resp: 337278
Ion Ratio Lower Upper
122 100
105 124.3 105.4 145.4
77 95.0 76.4 116.4

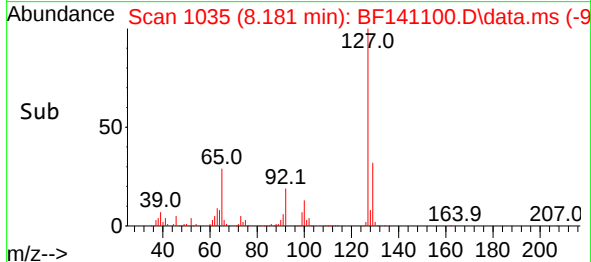
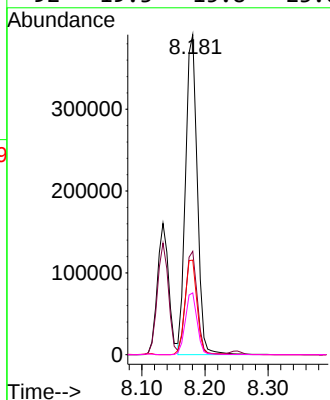
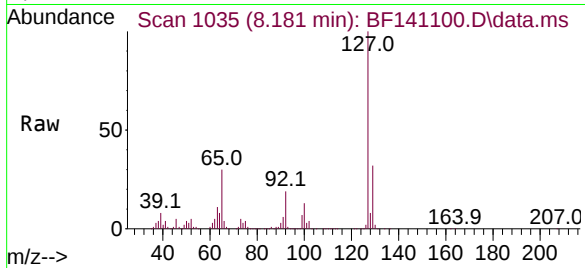




#33
4-Chloroaniline
Concen: 36.314 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

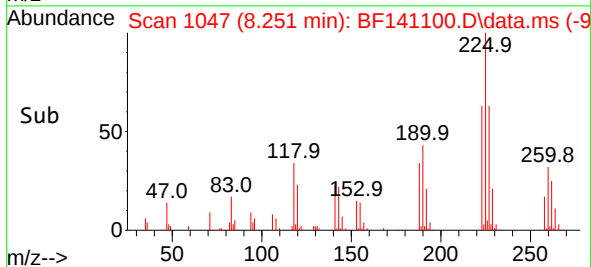
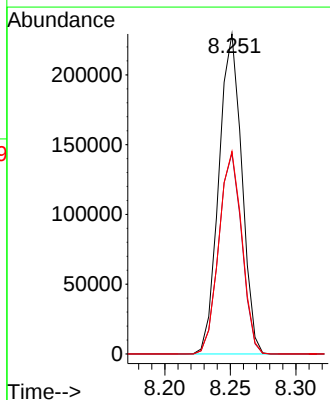
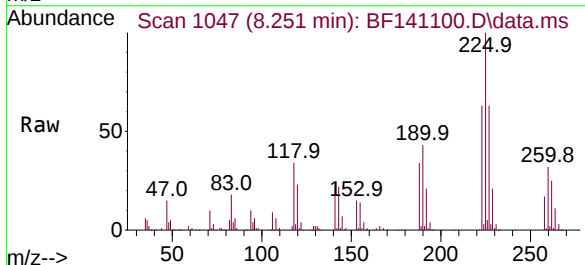
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

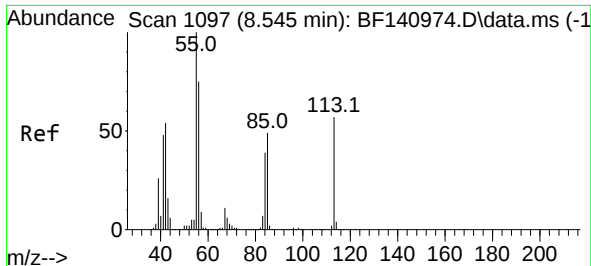
Tgt Ion:	127	Resp:	505196
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	29.6	24.6	37.0
92	19.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.589 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:	225	Resp:	278651
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	63.3	50.8	76.2

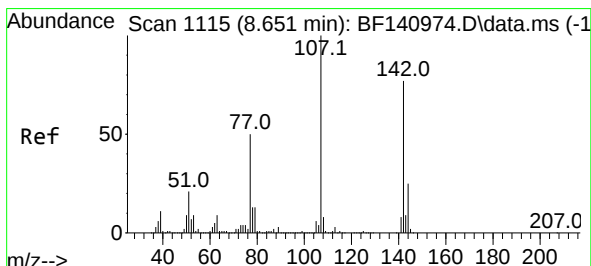
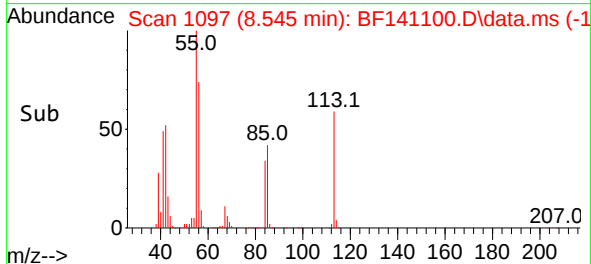
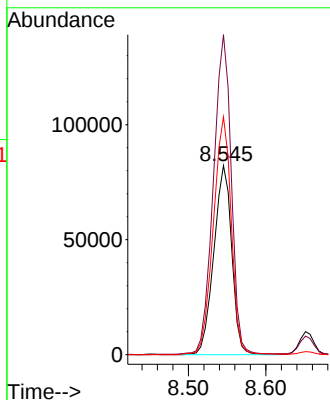
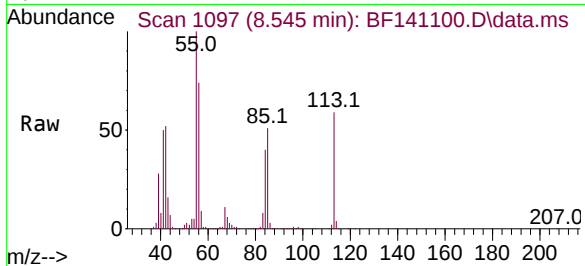




#35
 Caprolactam
 Concen: 37.751 ng
 RT: 8.545 min Scan# 1097
 Delta R.T. -0.000 min
 Lab File: BF141100.D
 Acq: 09 Jan 2025 11:04

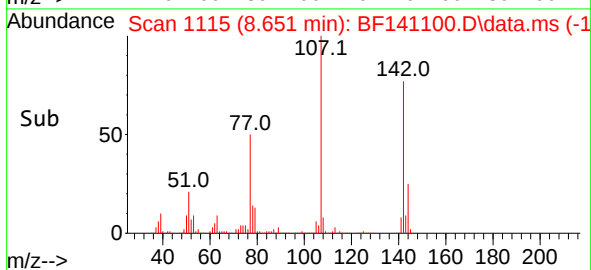
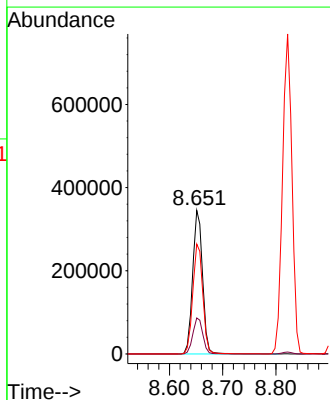
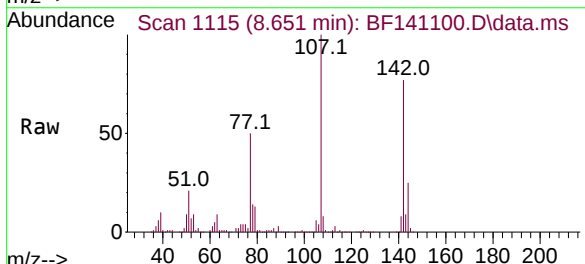
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

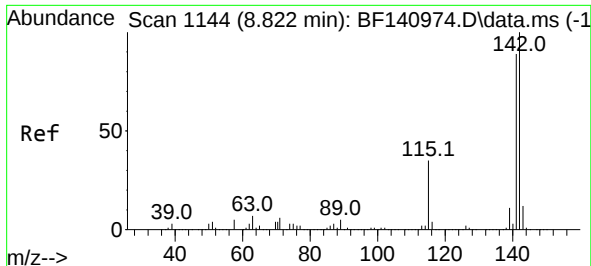
Tgt Ion:113 Resp: 132042
 Ion Ratio Lower Upper
 113 100
 55 169.2 156.6 196.6
 56 125.7 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.117 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. -0.000 min
 Lab File: BF141100.D
 Acq: 09 Jan 2025 11:04

Tgt Ion:107 Resp: 446961
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.9 29.9
 142 76.5 61.8 92.8

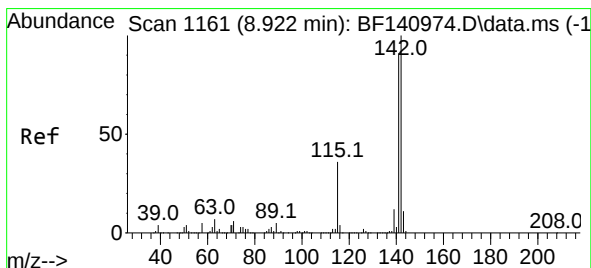
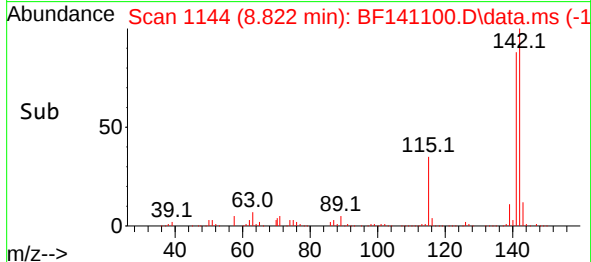
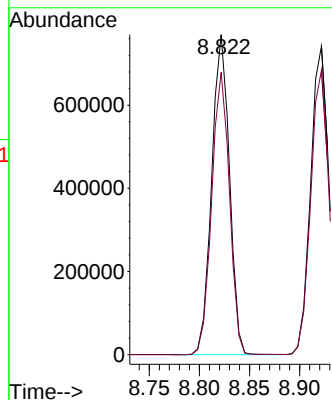
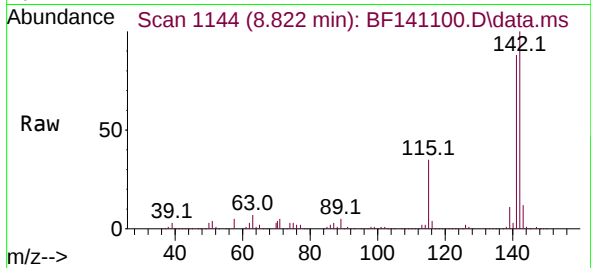




#37
2-Methylnaphthalene
Concen: 38.435 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

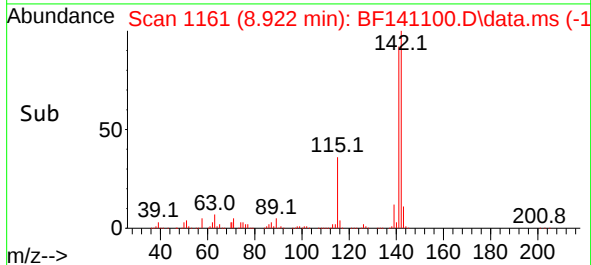
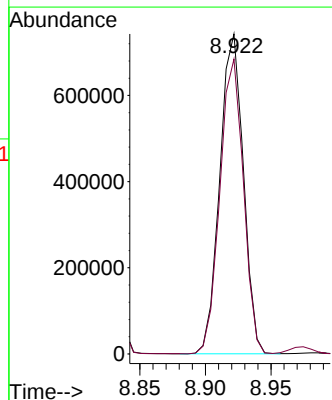
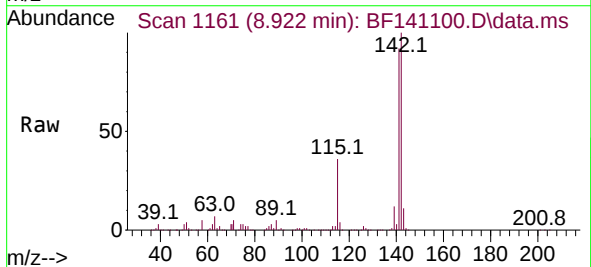
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

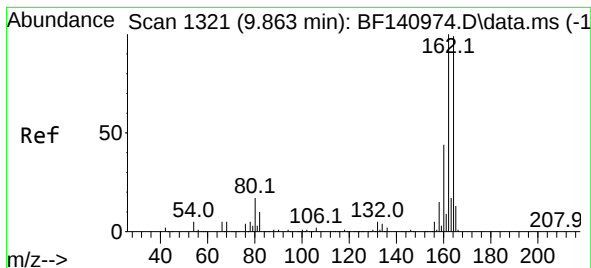
Tgt Ion:142 Resp: 945550
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 38.327 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:142 Resp: 926664
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141100.D

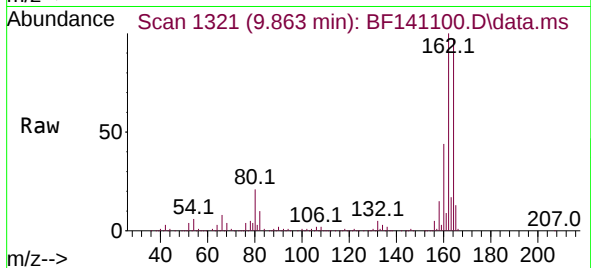
Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



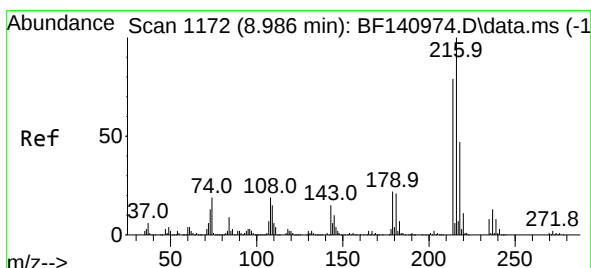
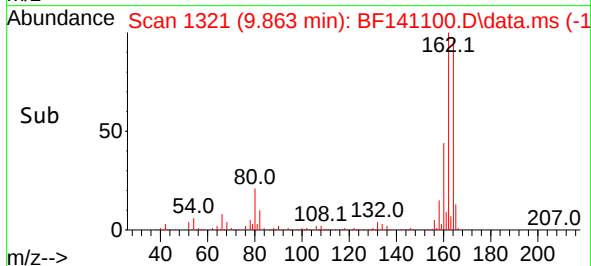
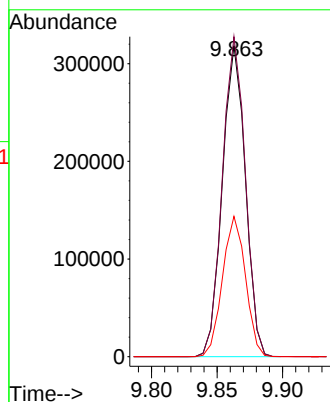
Tgt Ion:164 Resp: 388875

Ion Ratio Lower Upper

164 100

162 102.9 80.6 120.8

160 45.1 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.192 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Tgt Ion:216 Resp: 429996

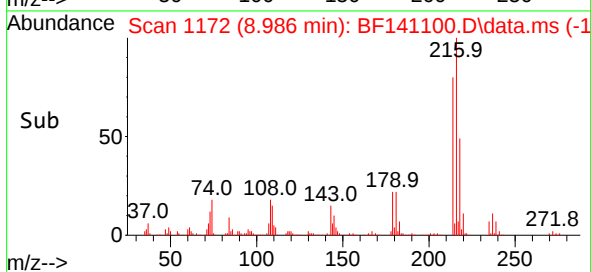
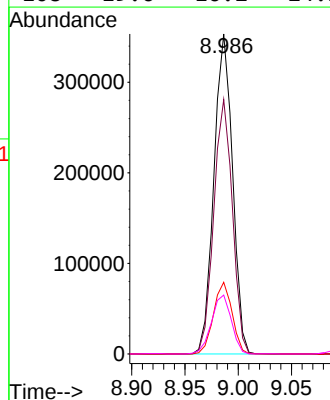
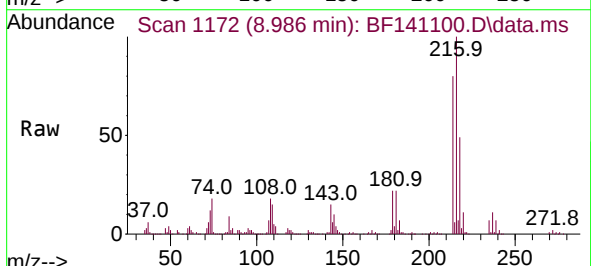
Ion Ratio Lower Upper

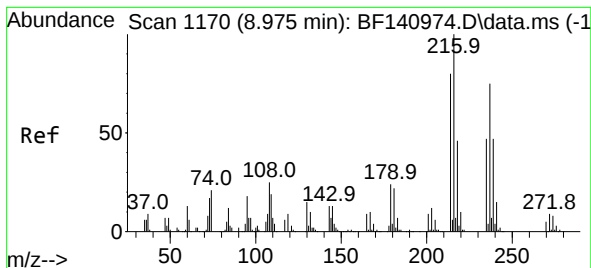
216 100

214 79.3 63.0 94.6

179 22.3 17.9 26.9

108 19.6 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 44.670 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

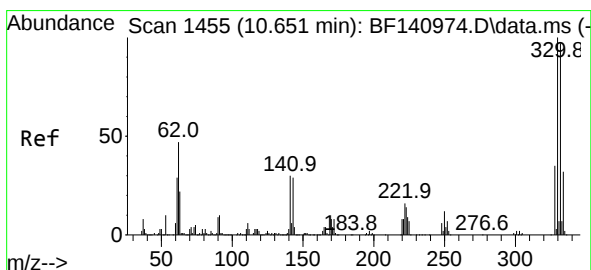
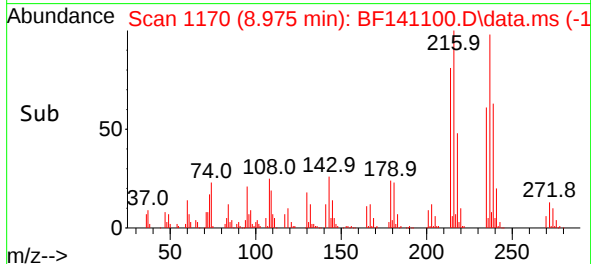
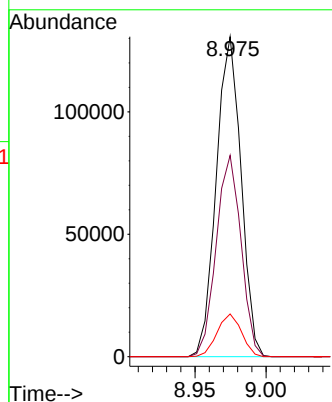
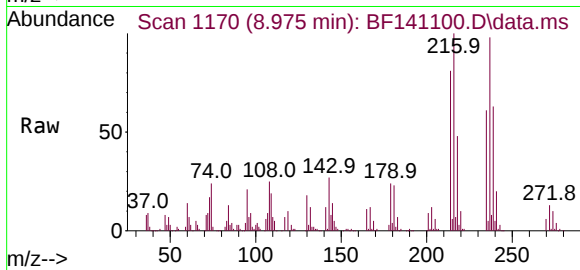
Tgt Ion:237 Resp: 158369

Ion Ratio Lower Upper

237 100

235 62.9 43.4 83.4

272 13.3 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 89.557 ng

RT: 10.651 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

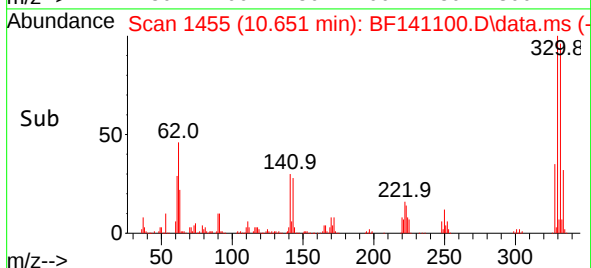
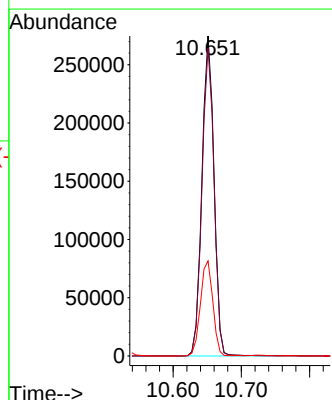
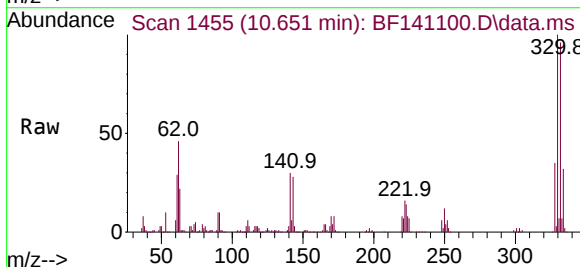
Tgt Ion:330 Resp: 338412

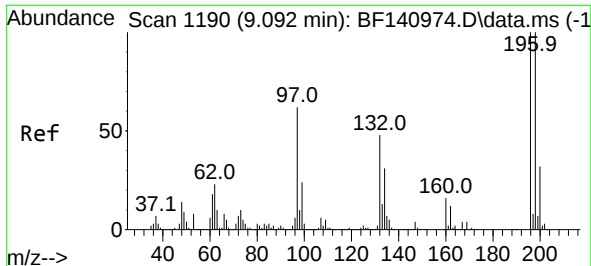
Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 30.6 26.4 39.6

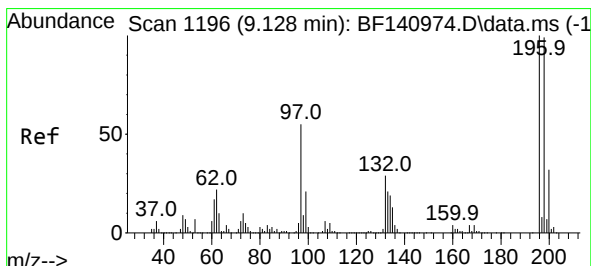
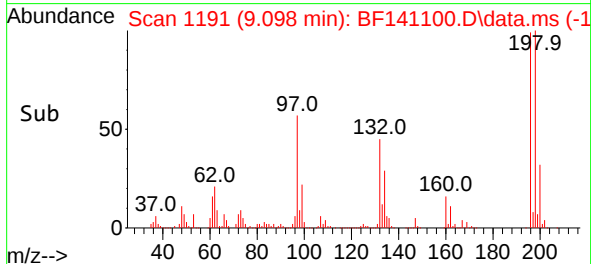
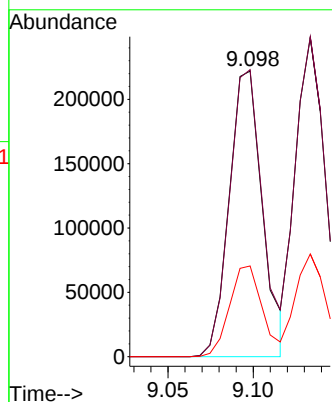
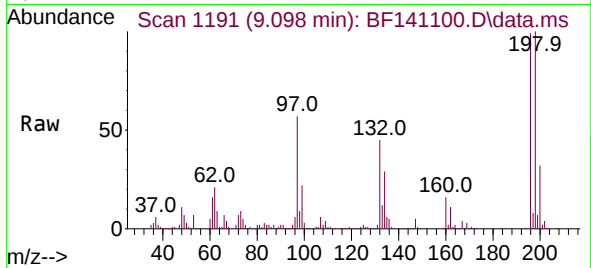




#43
2,4,6-Trichlorophenol
Concen: 42.197 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

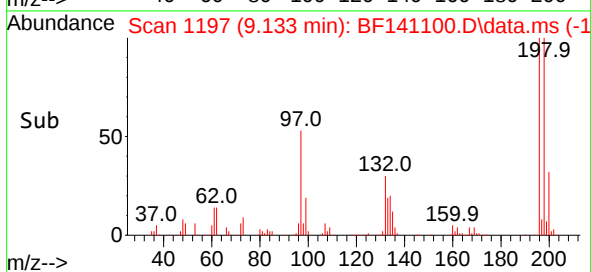
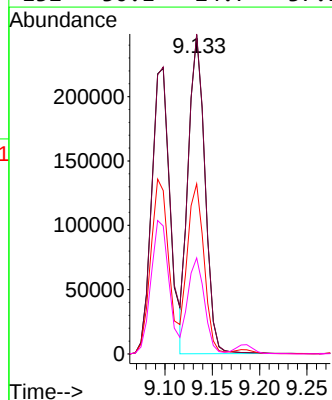
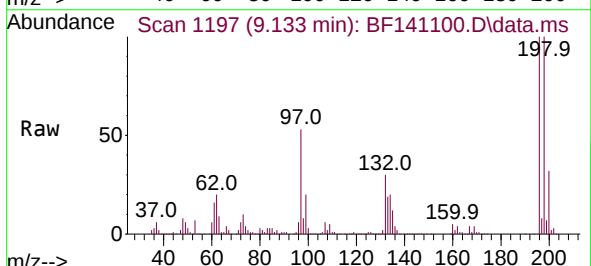
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

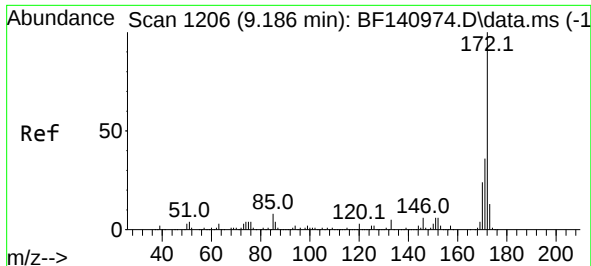
Tgt Ion:196 Resp: 300460
Ion Ratio Lower Upper
196 100
198 100.5 80.2 120.4
200 31.8 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 41.767 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:196 Resp: 304296
Ion Ratio Lower Upper
196 100
198 100.4 79.9 119.9
97 53.4 44.3 66.5
132 30.1 24.7 37.1

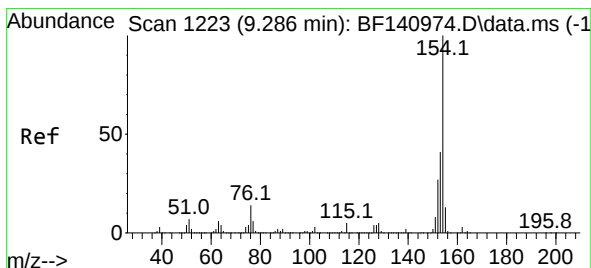
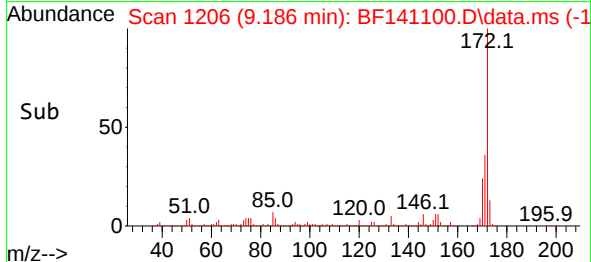
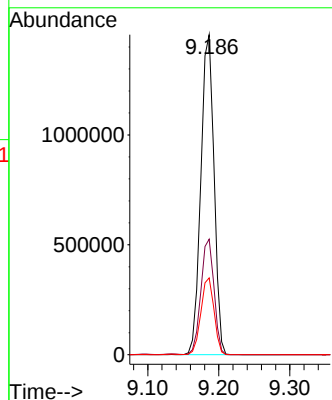
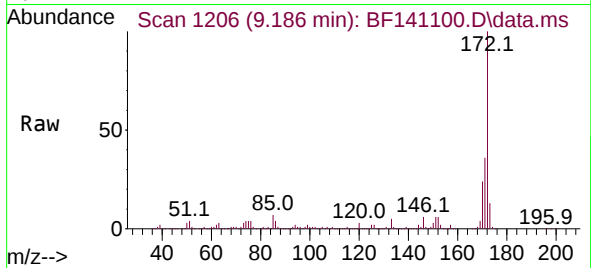




#45
2-Fluorobiphenyl
Concen: 77.465 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

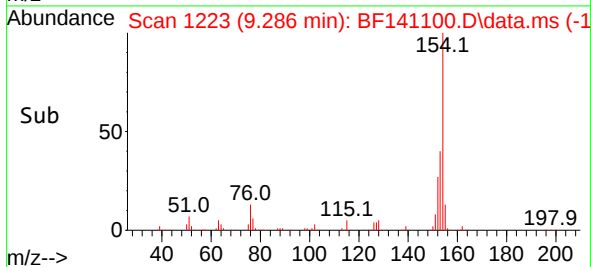
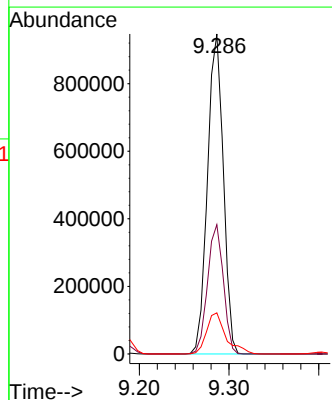
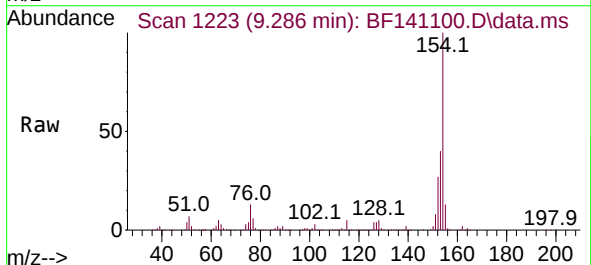
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

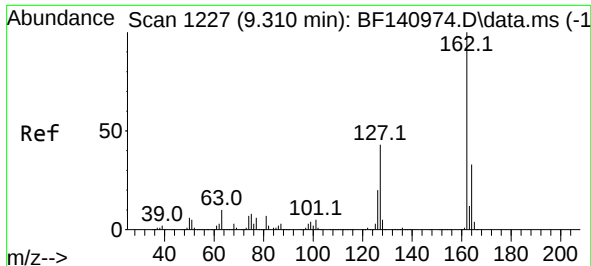
Tgt Ion:172 Resp: 1890743
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.0 19.6 29.4



#46
1,1'-Biphenyl
Concen: 38.955 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:154 Resp: 1159930
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 12.9 0.0 34.0

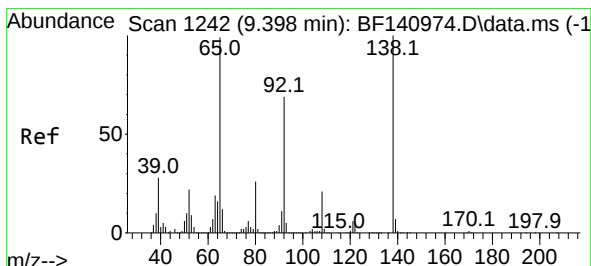
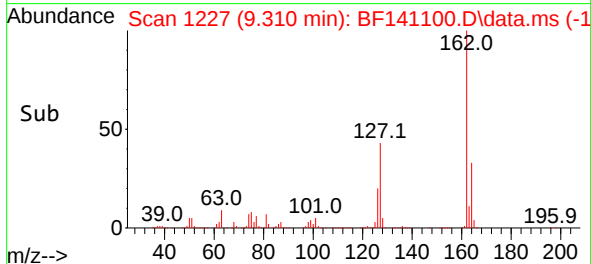
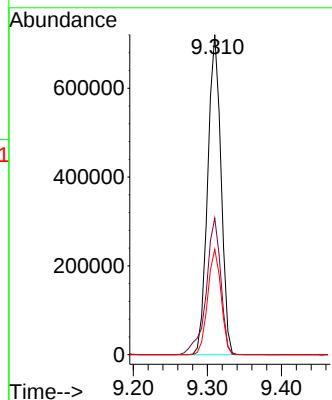
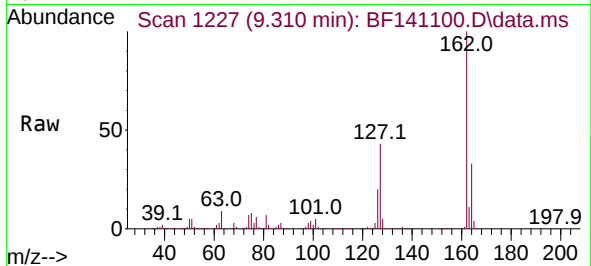




#47
2-Chloronaphthalene
Concen: 38.906 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

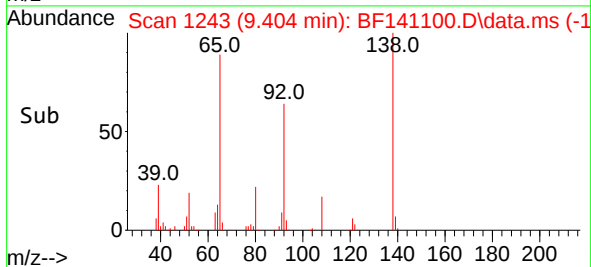
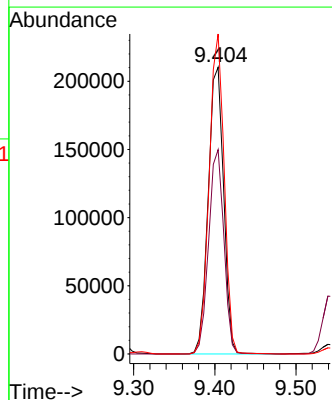
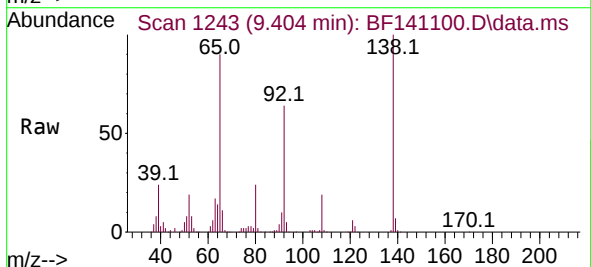
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

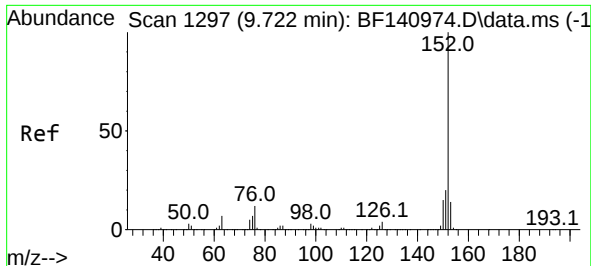
Tgt Ion:162 Resp: 898480
Ion Ratio Lower Upper
162 100
127 42.7 34.2 51.4
164 32.9 26.6 40.0



#48
2-Nitroaniline
Concen: 46.057 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion: 65 Resp: 276990
Ion Ratio Lower Upper
65 100
92 71.2 55.6 83.4
138 111.6 80.5 120.7

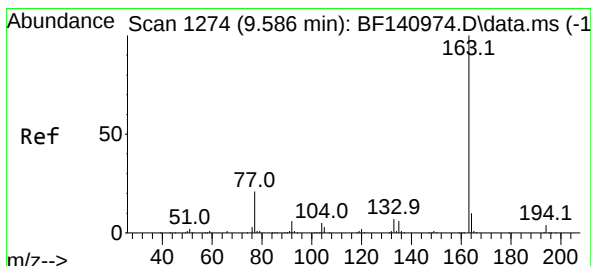
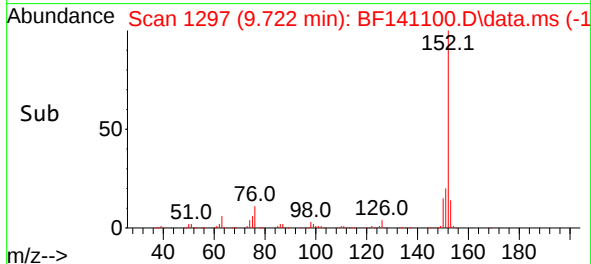
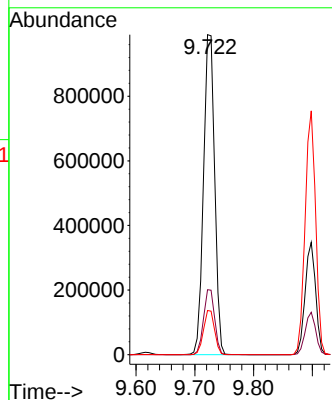
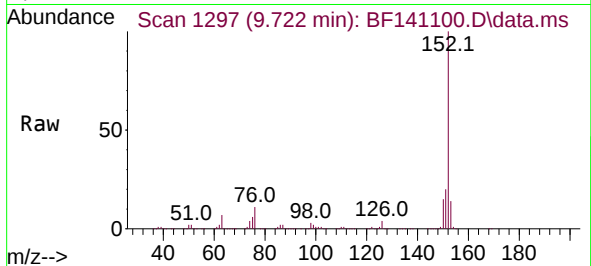




#49
Acenaphthylene
Concen: 39.219 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

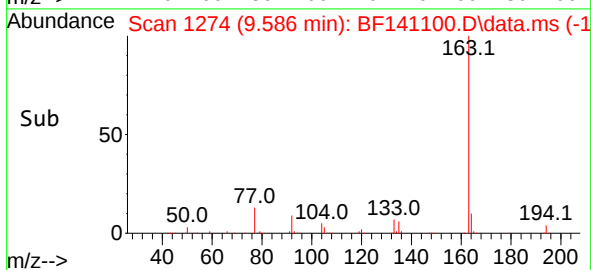
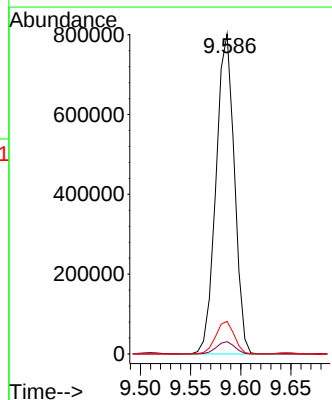
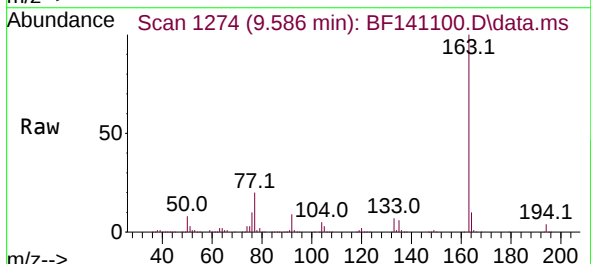
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

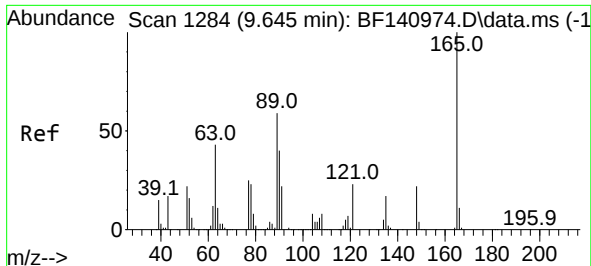
Tgt Ion:152 Resp: 1303797
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.8 11.4 17.0



#50
Dimethylphthalate
Concen: 39.799 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:163 Resp: 1018029
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 46.571 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

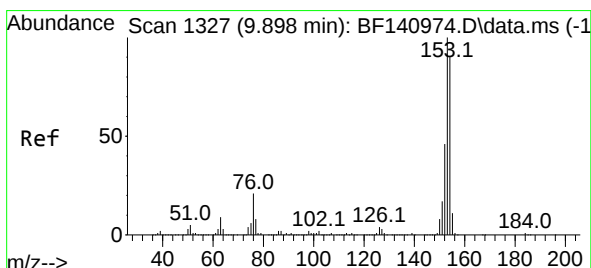
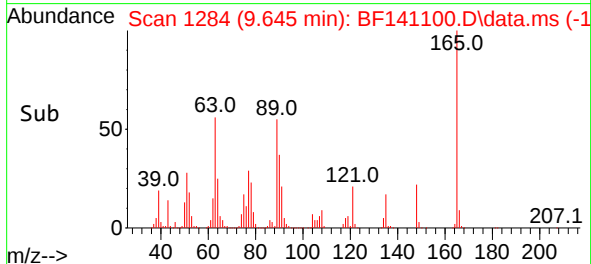
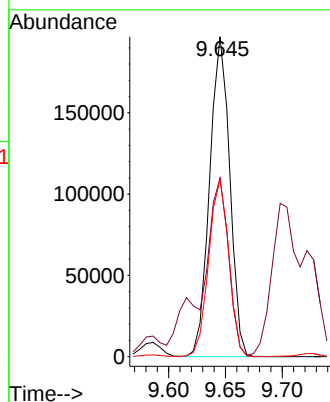
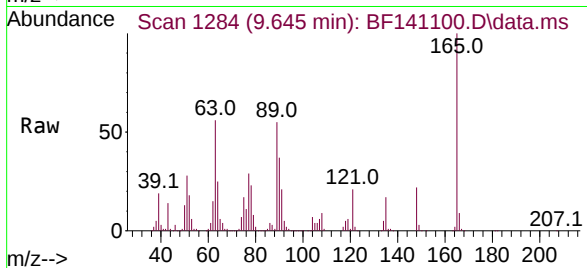
Tgt Ion:165 Resp: 242319

Ion Ratio Lower Upper

165 100

63 55.8 47.1 70.7

89 55.4 47.0 70.4



#52

Acenaphthene

Concen: 40.674 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

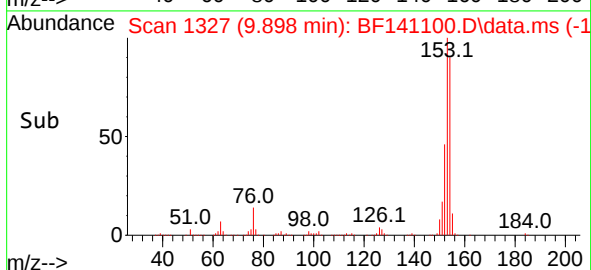
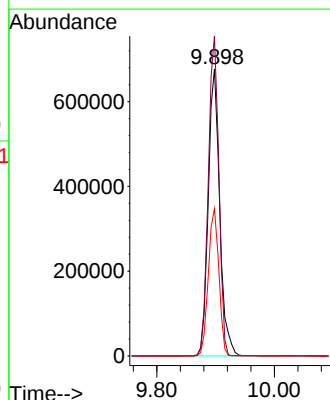
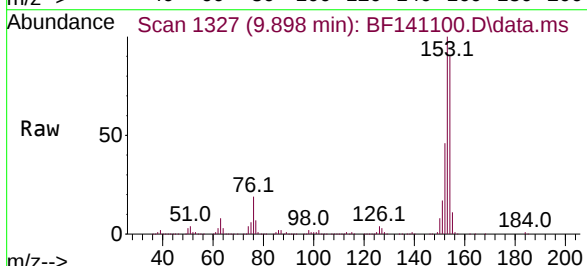
Tgt Ion:154 Resp: 914126

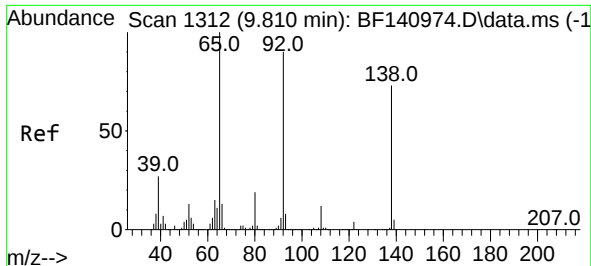
Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

152 51.4 40.9 61.3

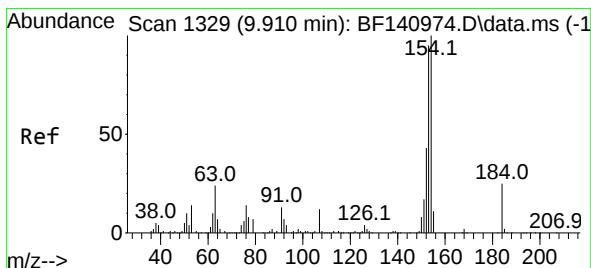
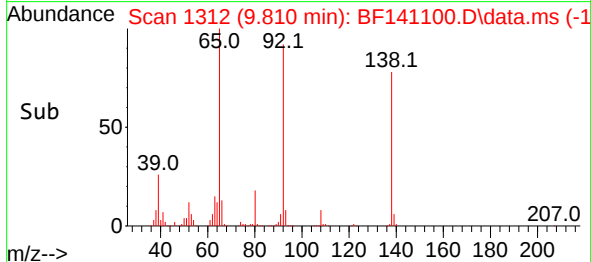
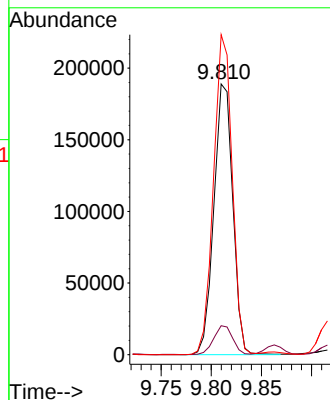
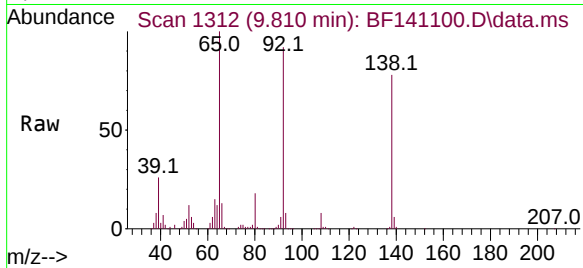




#53
3-Nitroaniline
Concen: 43.930 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

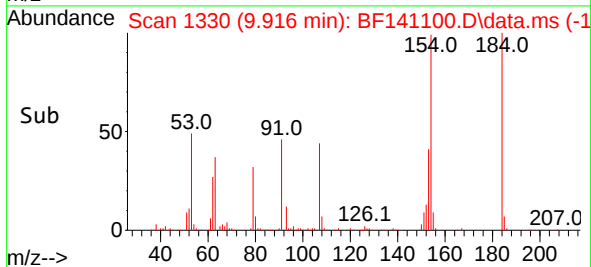
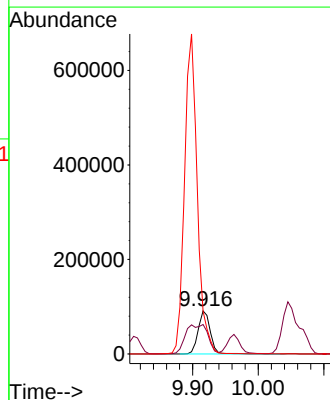
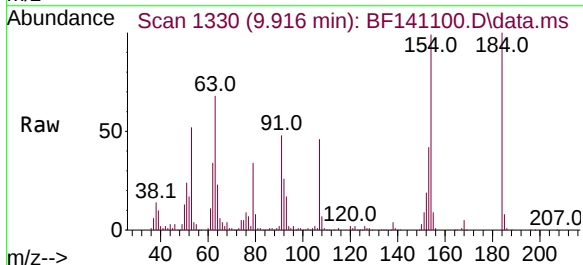
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

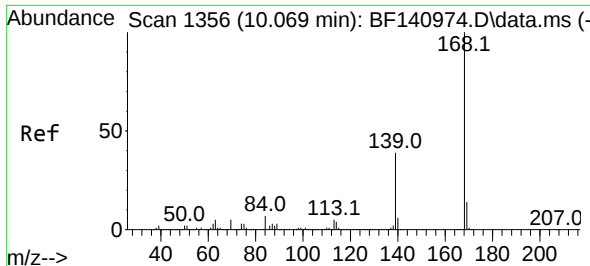
Tgt Ion:138 Resp: 247527
Ion Ratio Lower Upper
138 100
108 10.7 13.5 20.3#
92 118.2 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 63.026 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:184 Resp: 116634
Ion Ratio Lower Upper
184 100
63 68.4 81.6 122.4#
154 99.3 363.5 545.3#

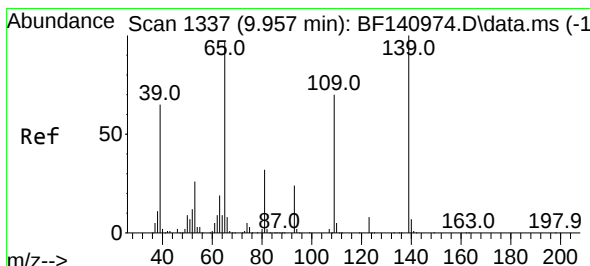
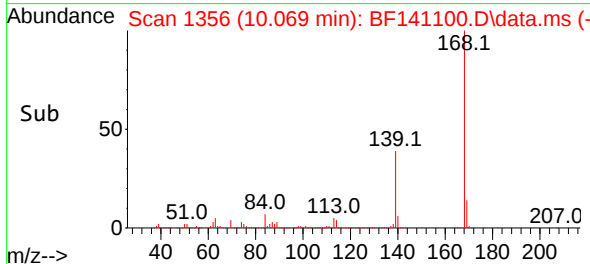
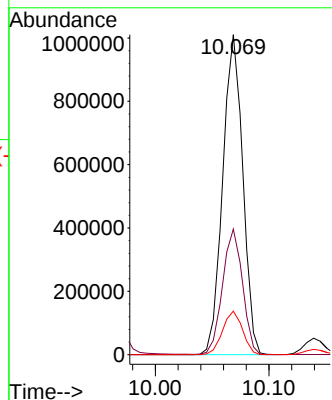
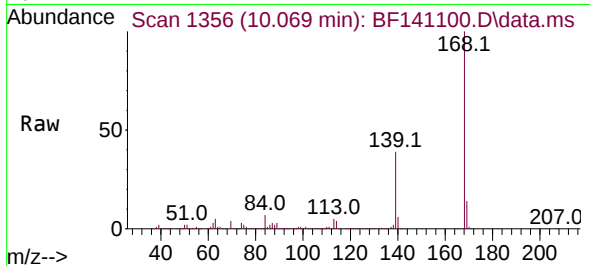




#55
Dibenzofuran
Concen: 39.232 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

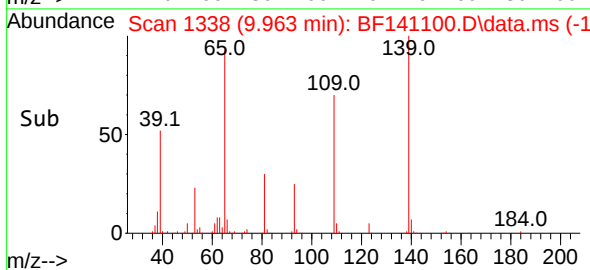
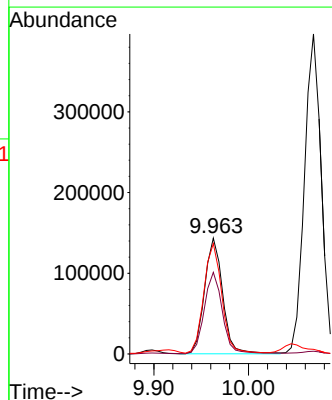
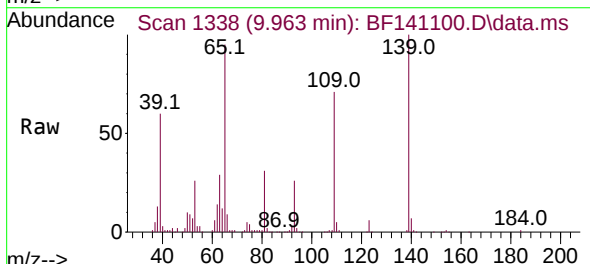
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

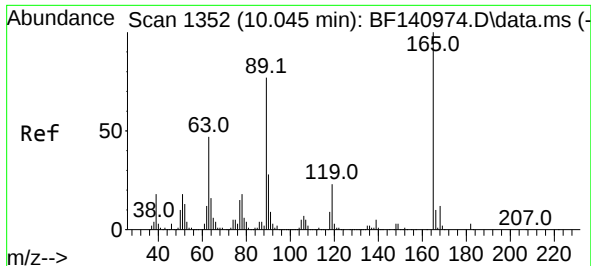
Tgt Ion:168 Resp: 1239124
Ion Ratio Lower Upper
168 100
139 39.2 31.6 47.4
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 43.525 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:139 Resp: 190444
Ion Ratio Lower Upper
139 100
109 70.5 50.8 90.8
65 95.3 78.5 118.5

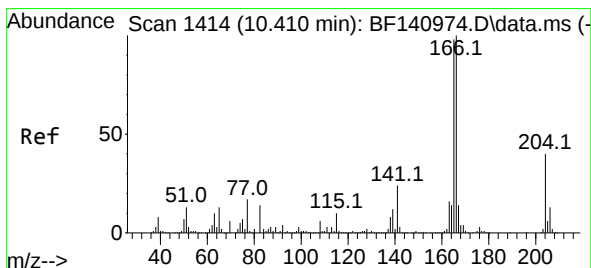
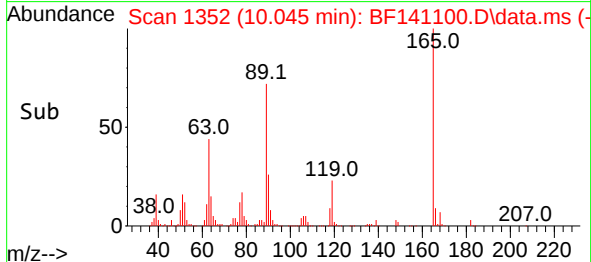
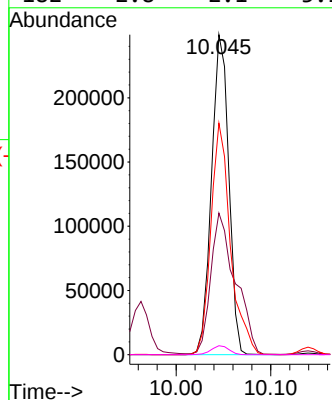
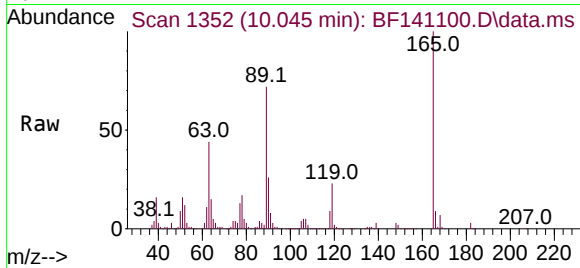




#57
2,4-Dinitrotoluene
Concen: 49.197 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

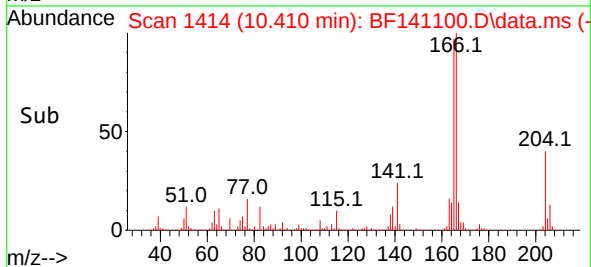
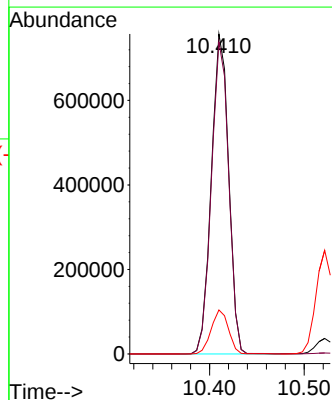
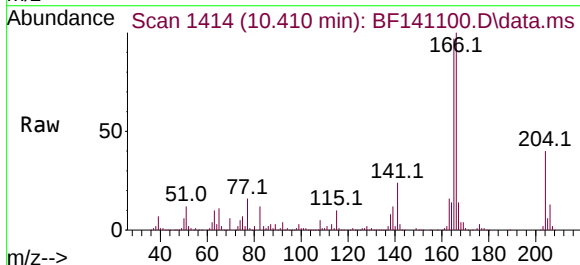
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

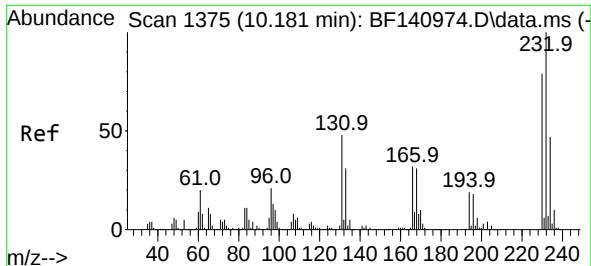
Tgt Ion:165 Resp: 314831
Ion Ratio Lower Upper
165 100
63 44.3 38.1 57.1
89 72.4 61.4 92.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 39.267 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:166 Resp: 961724
Ion Ratio Lower Upper
166 100
165 97.5 78.3 117.5
167 13.7 10.9 16.3

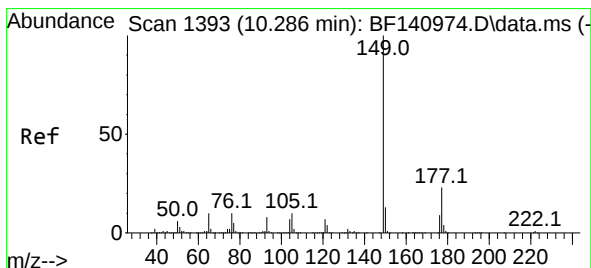
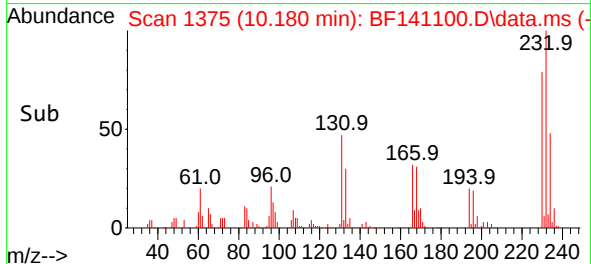
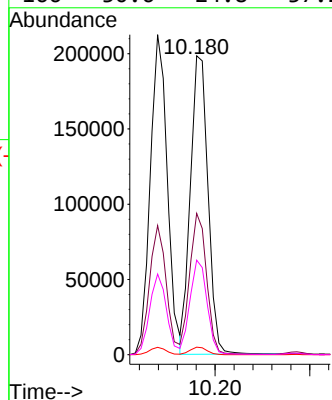
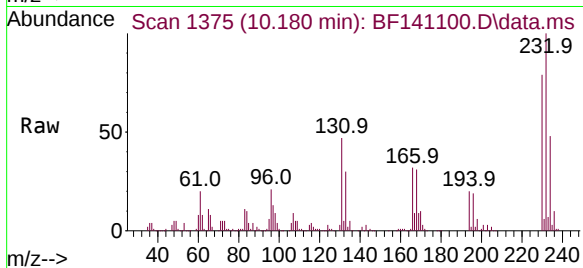




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.449 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

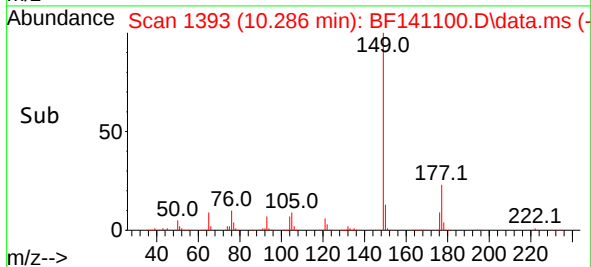
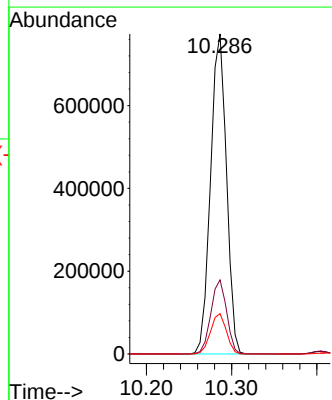
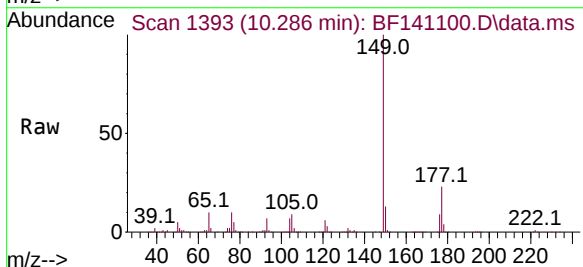
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

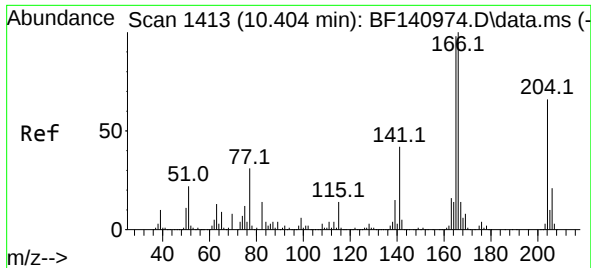
Tgt Ion:232 Resp: 256132
Ion Ratio Lower Upper
232 100
131 45.3 37.4 56.2
130 2.4 1.8 2.8
166 30.6 24.8 37.2



#60
Diethylphthalate
Concen: 39.640 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:149 Resp: 1001009
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 12.6 10.4 15.6

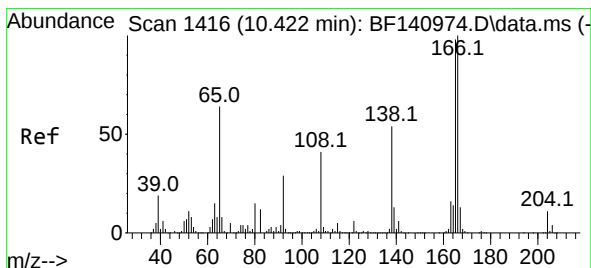
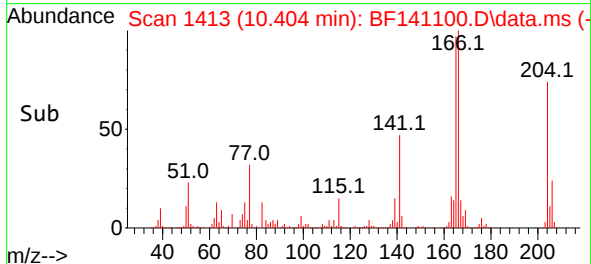
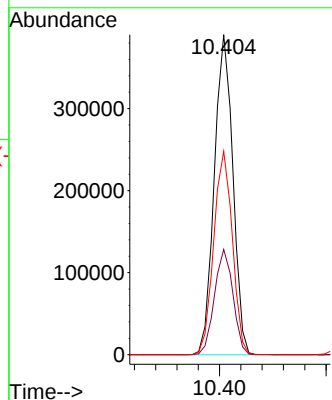
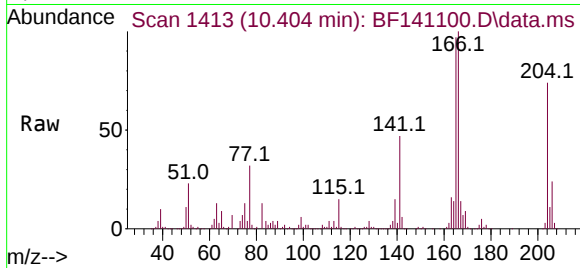




#61
4-Chlorophenyl-phenylether
Concen: 39.948 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

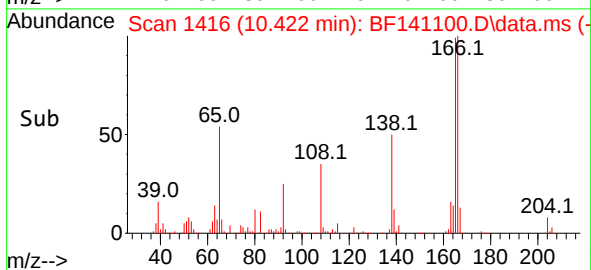
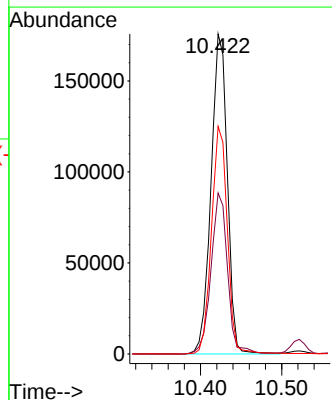
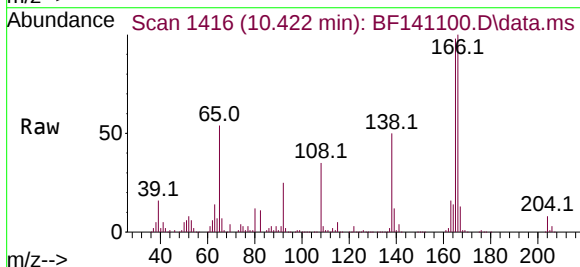
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

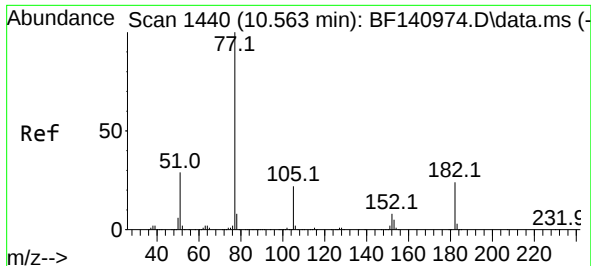
Tgt Ion:204 Resp: 470788
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 63.5 51.2 76.8



#62
4-Nitroaniline
Concen: 43.541 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:138 Resp: 244871
Ion Ratio Lower Upper
138 100
92 50.3 34.8 74.8
108 71.1 55.9 95.9

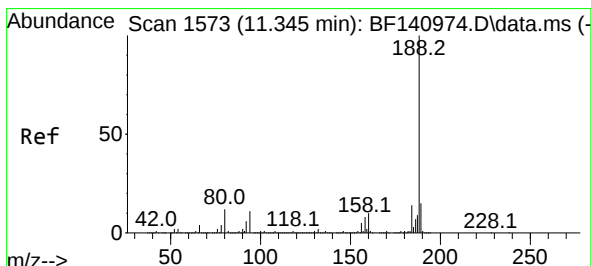
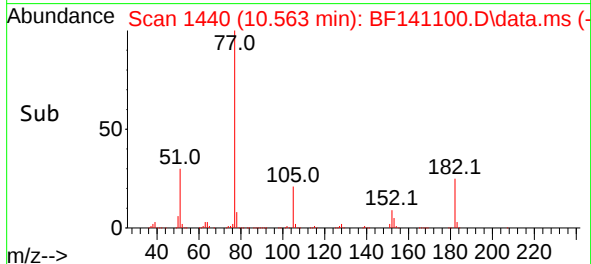
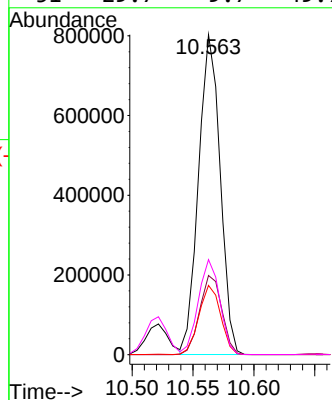
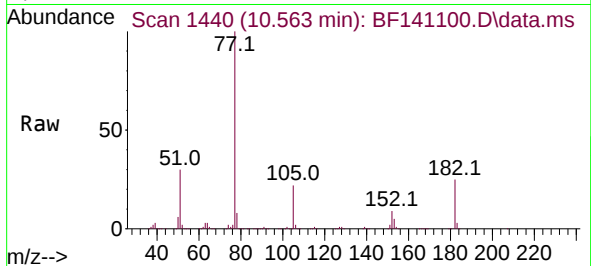




#63
Azobenzene
Concen: 37.453 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

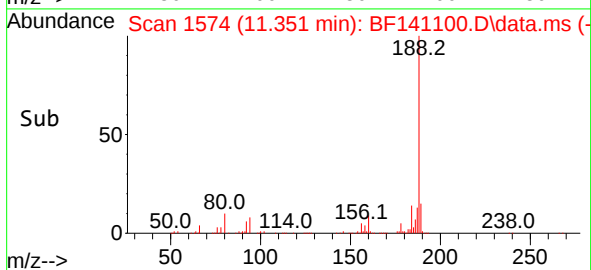
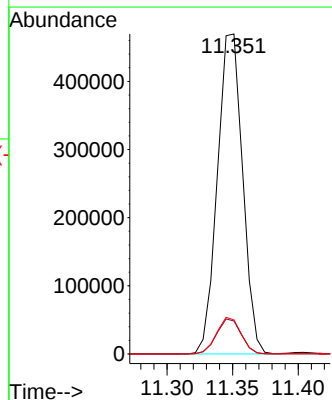
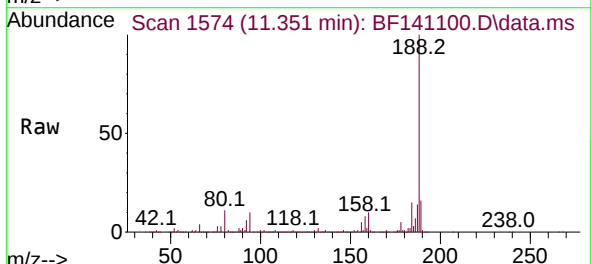
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77	Resp: 992705
Ion Ratio	Lower Upper
77 100	
182 24.8	4.1 44.1
105 21.6	1.8 41.8
51 29.7	9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:188	Resp: 628795		
Ion Ratio	Lower	Upper	
188 100			
94 10.3	9.0	13.6	
80 10.7	9.8	14.6	

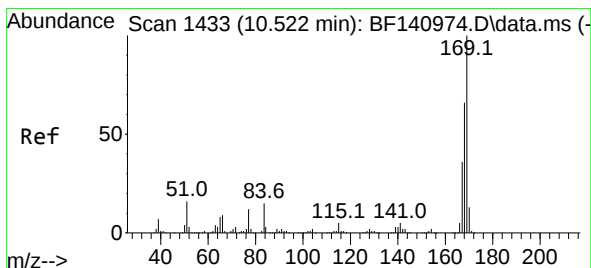
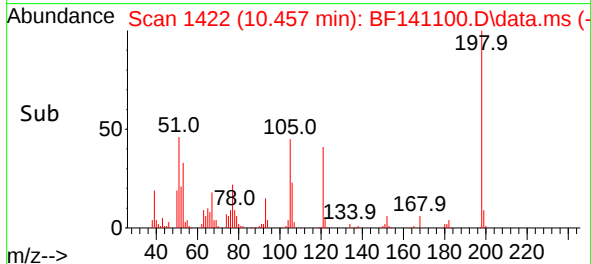
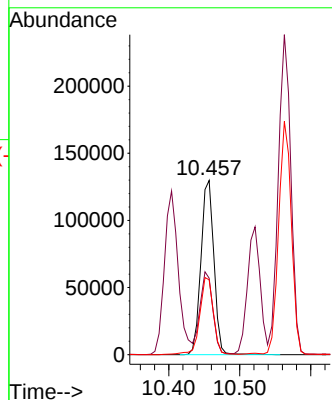
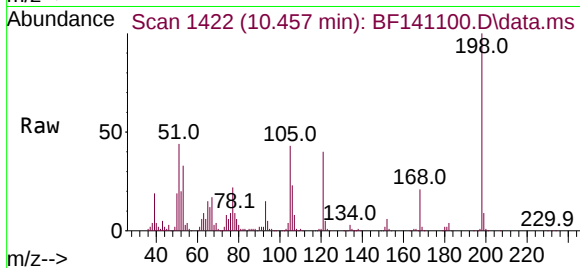




#65
4,6-Dinitro-2-methylphenol
Concen: 62.294 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

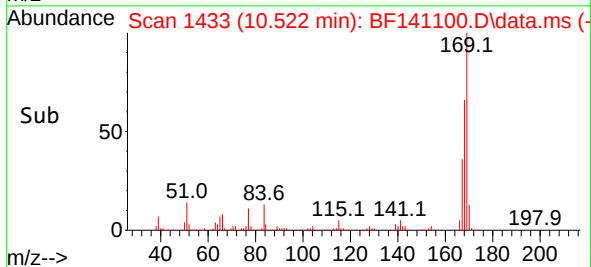
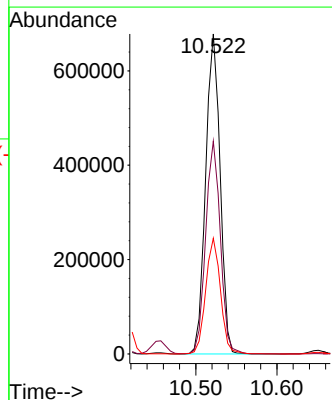
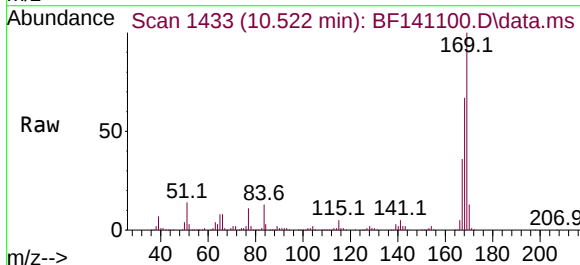
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

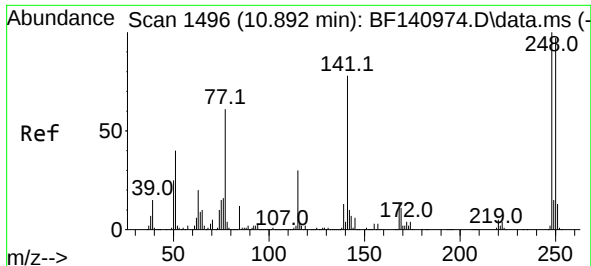
Tgt Ion:198 Resp: 164837
Ion Ratio Lower Upper
198 100
51 43.9 32.3 72.3
105 43.0 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 42.201 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:169 Resp: 835615
Ion Ratio Lower Upper
169 100
168 66.5 52.6 79.0
167 36.2 29.0 43.4

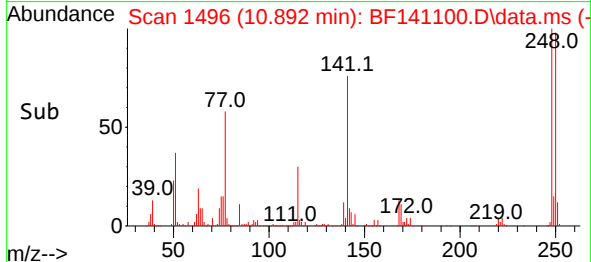
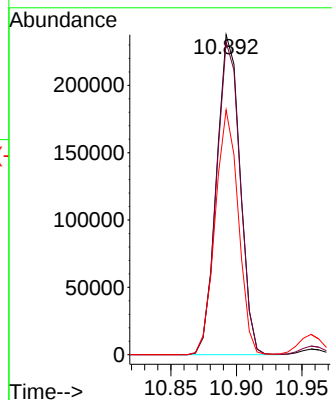
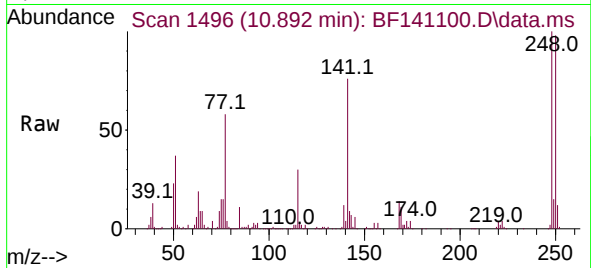




#67
4-Bromophenyl-phenylether
Concen: 43.602 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

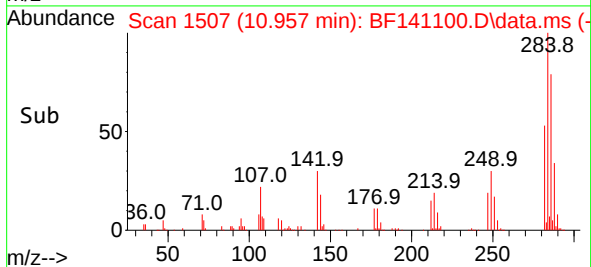
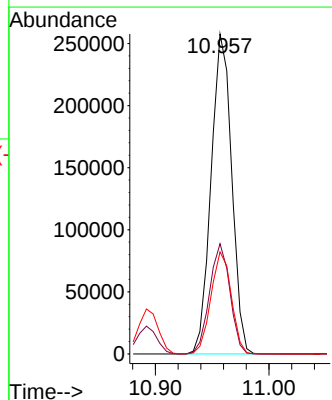
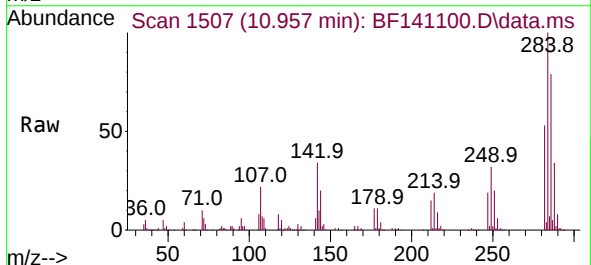
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

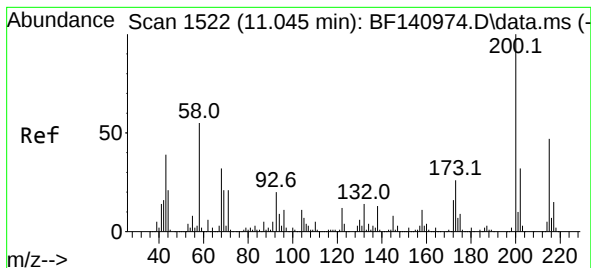
Tgt Ion:248 Resp: 296377
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 76.5 62.1 93.1



#68
Hexachlorobenzene
Concen: 43.234 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:284 Resp: 324048
Ion Ratio Lower Upper
284 100
142 34.5 27.1 40.7
249 31.9 25.1 37.7





#69

Atrazine

Concen: 34.104 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

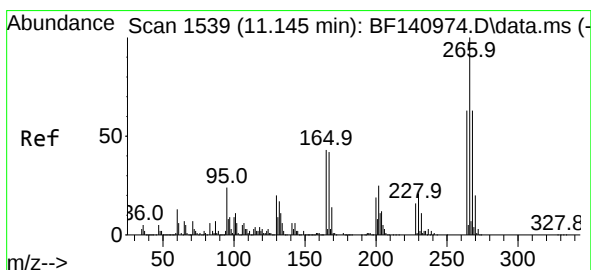
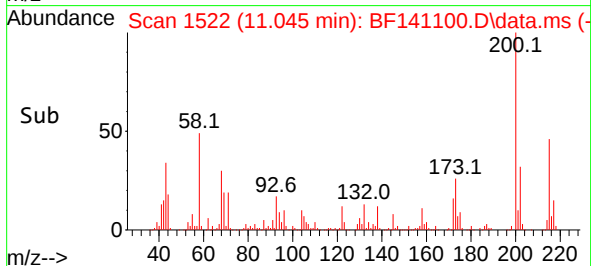
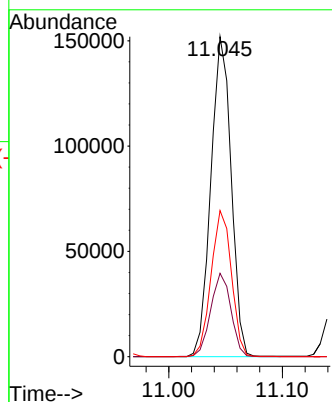
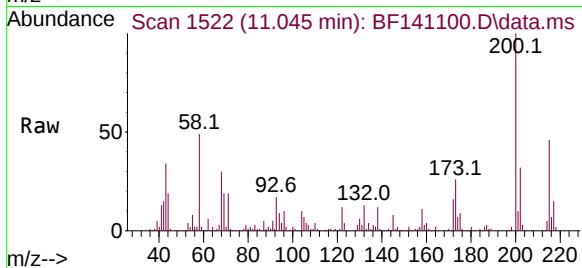
Tgt Ion:200 Resp: 188650

Ion Ratio Lower Upper

200 100

173 26.1 6.4 46.4

215 45.7 27.2 67.2



#70

Pentachlorophenol

Concen: 46.314 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

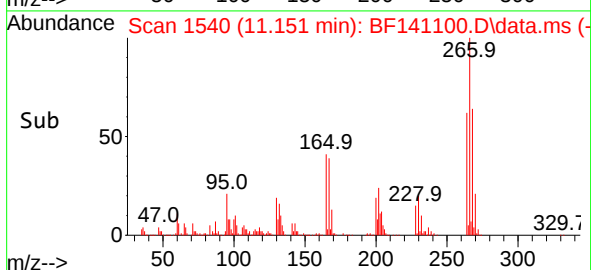
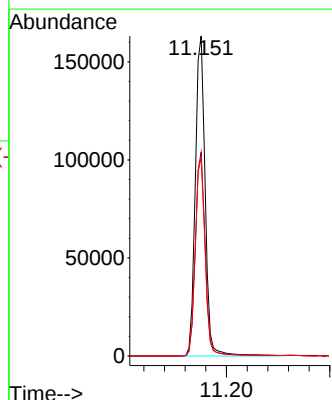
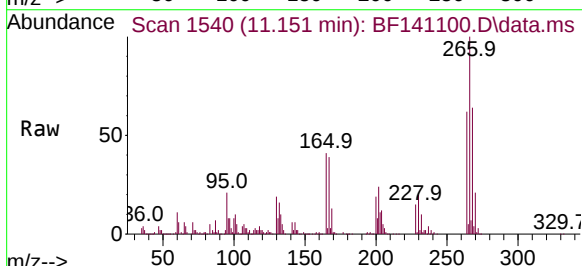
Tgt Ion:266 Resp: 216126

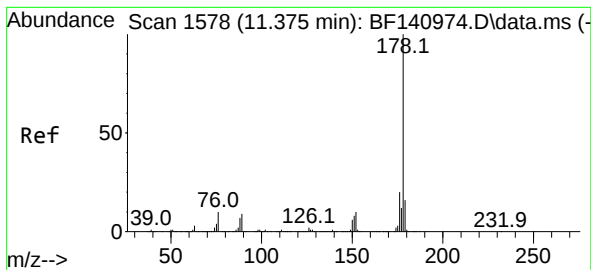
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 62.0 50.2 75.4





#71

Phenanthrene

Concen: 40.279 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

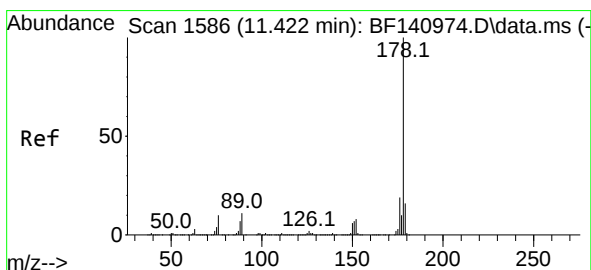
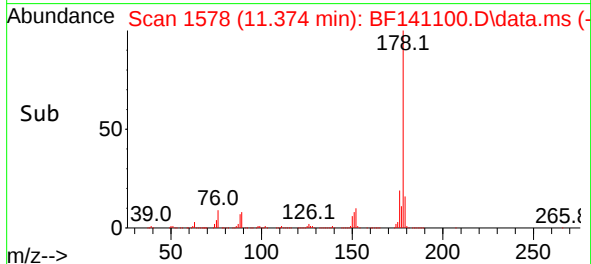
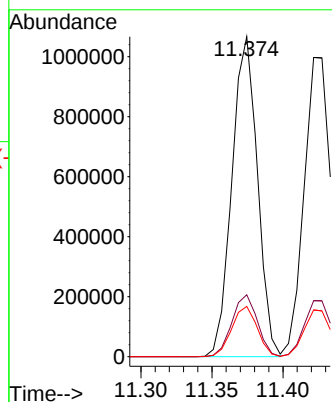
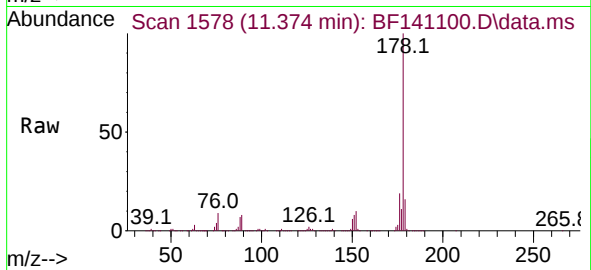
Tgt Ion:178 Resp: 1332993

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.7 12.6 19.0



#72

Anthracene

Concen: 40.429 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

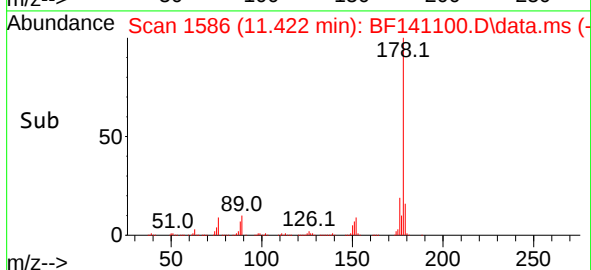
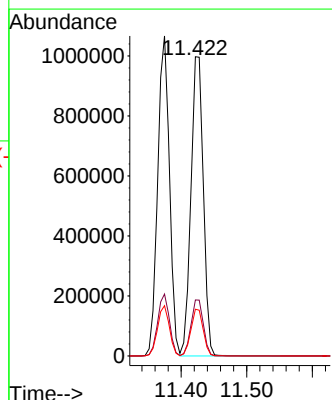
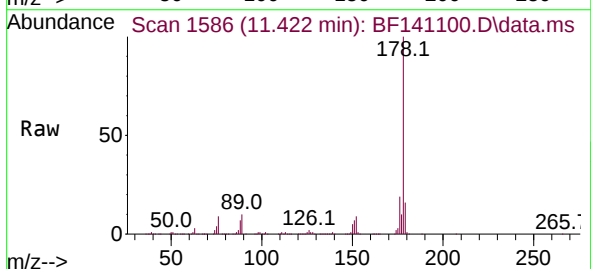
Tgt Ion:178 Resp: 1311023

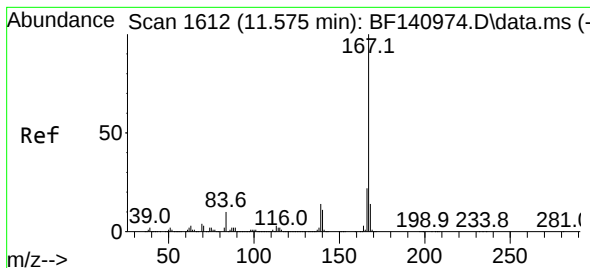
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.6 12.9 19.3





#73

Carbazole

Concen: 38.571 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

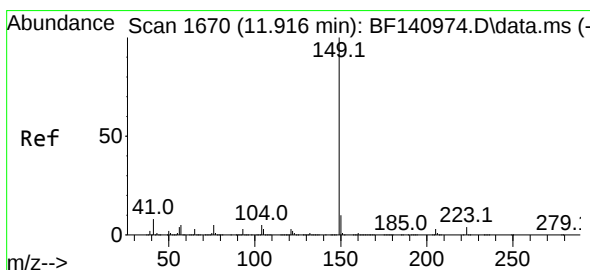
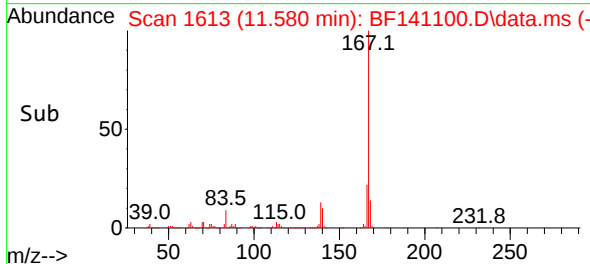
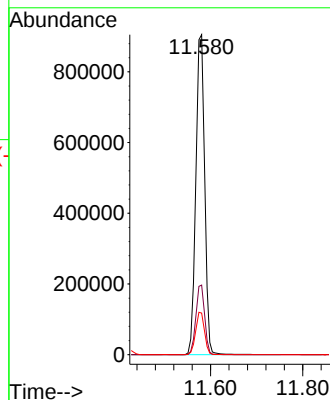
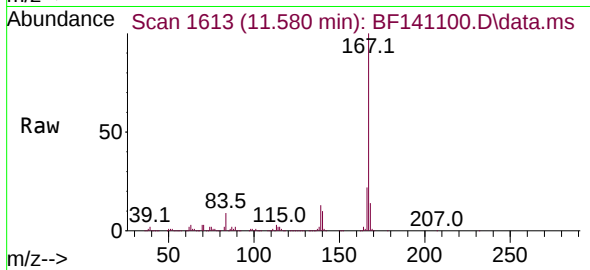
Tgt Ion:167 Resp: 1202415

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

139 13.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 39.862 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

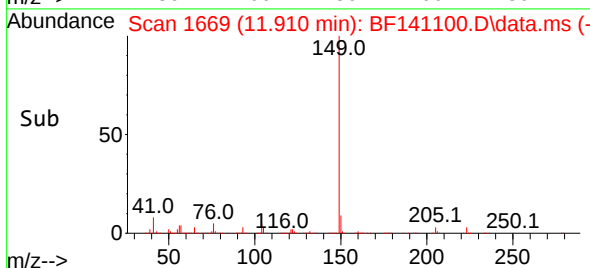
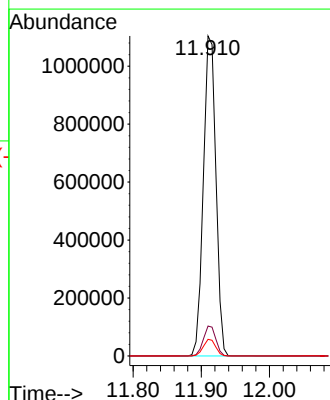
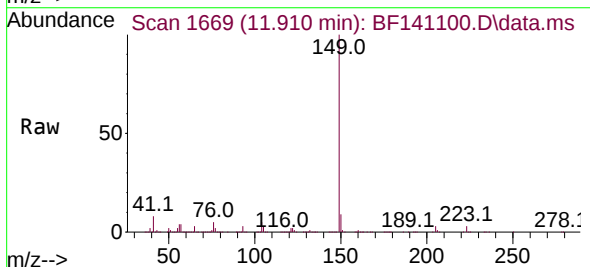
Tgt Ion:149 Resp: 1413400

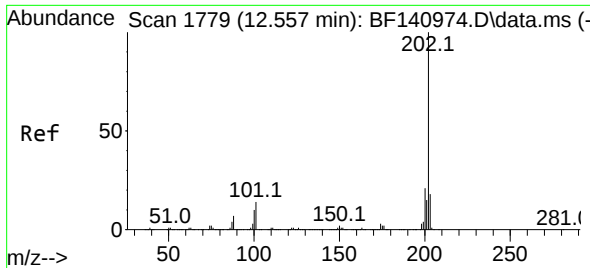
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 5.2 4.1 6.1

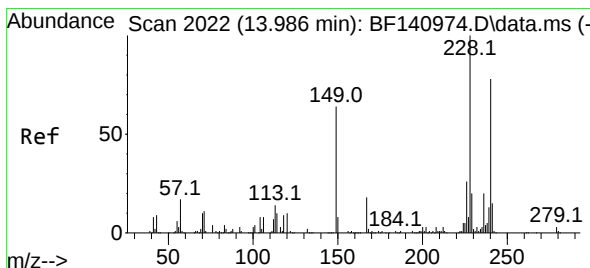
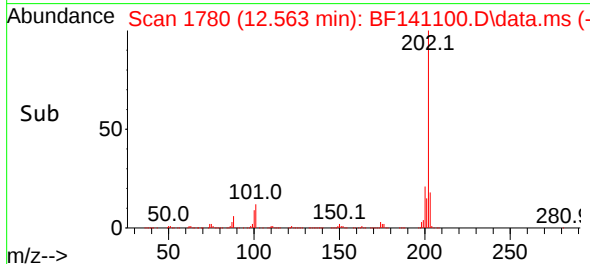
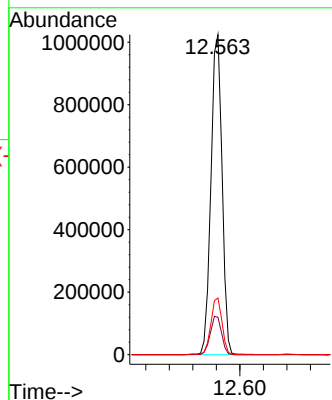
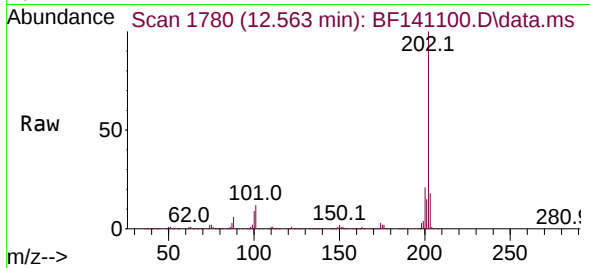




#75
Fluoranthene
Concen: 37.375 ng
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

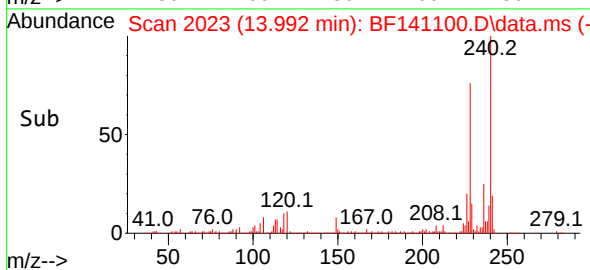
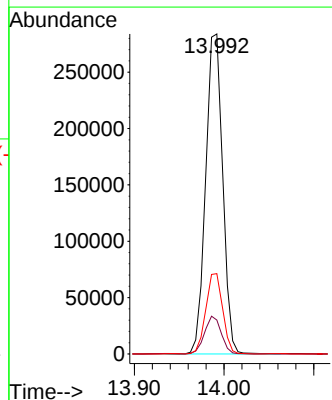
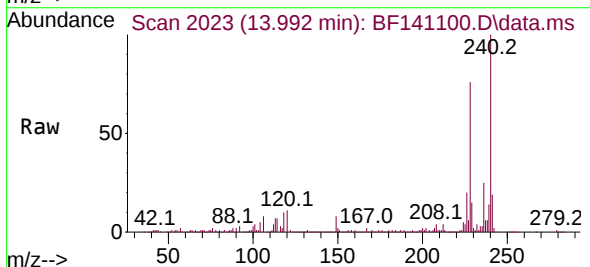
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

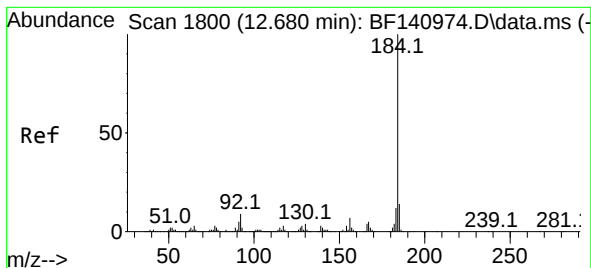
Tgt Ion:202 Resp: 1341498
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.7
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:240 Resp: 374061
Ion Ratio Lower Upper
240 100
120 10.6 10.7 16.1#
236 25.1 20.6 31.0





#77

Benzidine

Concen: 45.443 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

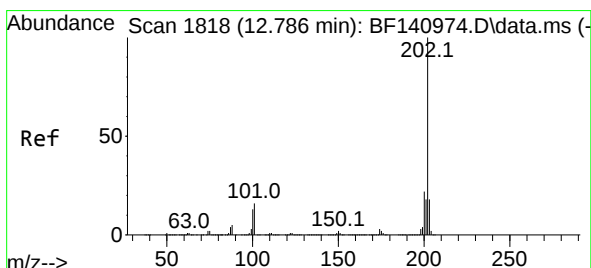
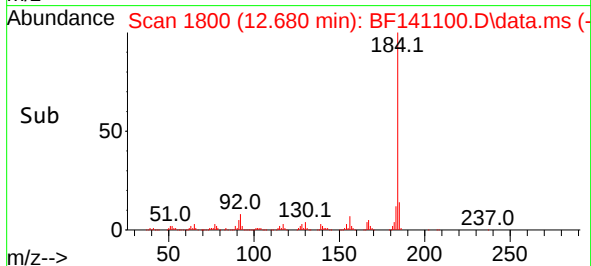
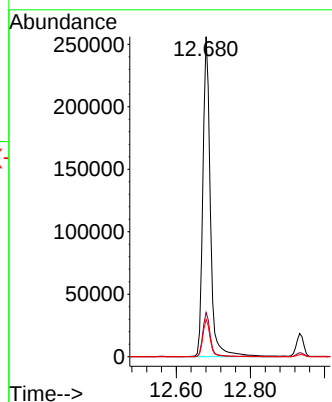
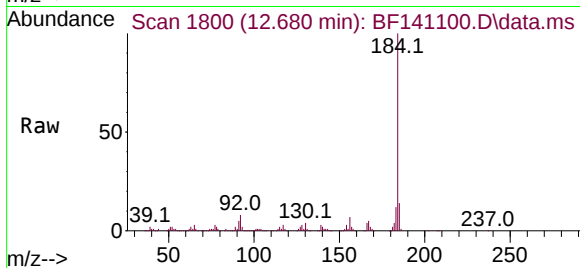
Tgt Ion:184 Resp: 359243

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.2

183 11.7 9.4 14.0



#78

Pyrene

Concen: 40.746 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

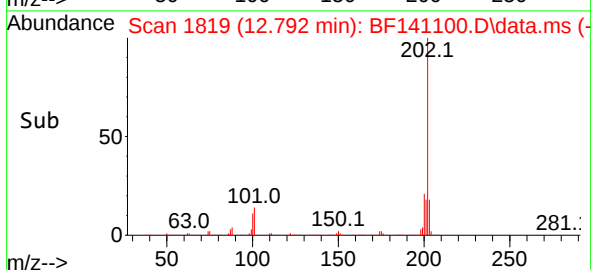
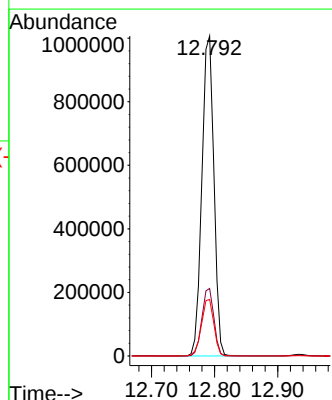
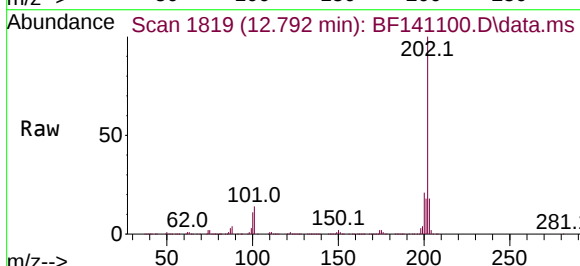
Tgt Ion:202 Resp: 1332974

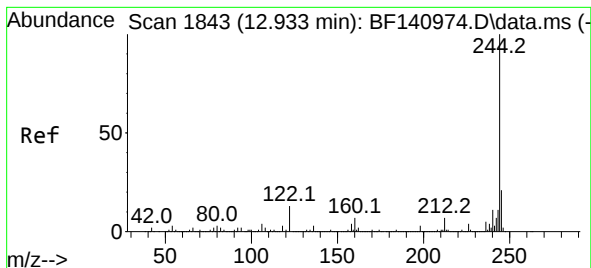
Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

203 17.7 14.6 21.8





#79

Terphenyl-d14

Concen: 84.551 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

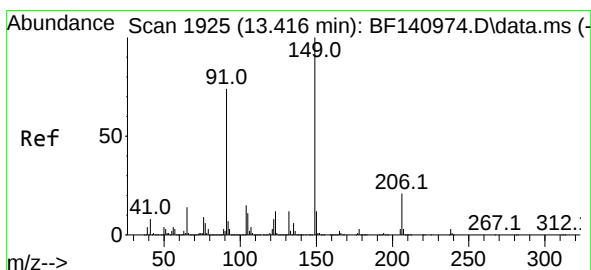
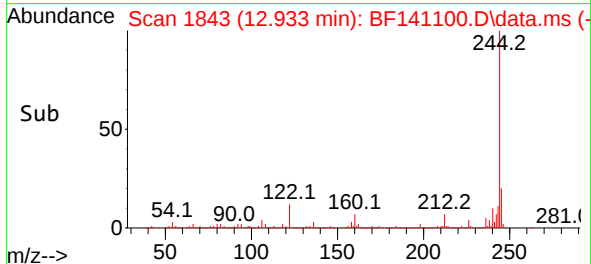
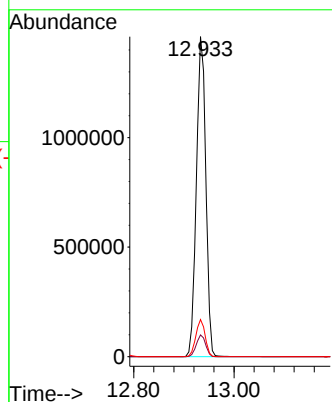
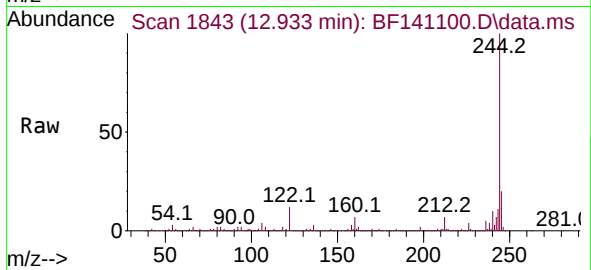
Tgt Ion:244 Resp: 1904116

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.6 10.2 15.2



#80

Butylbenzylphthalate

Concen: 39.623 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

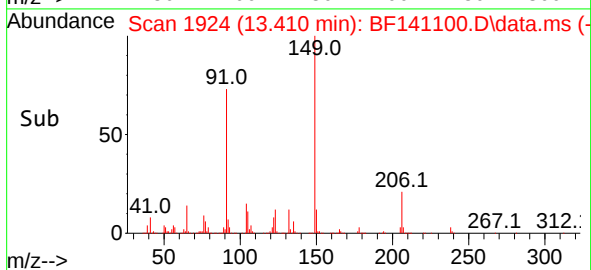
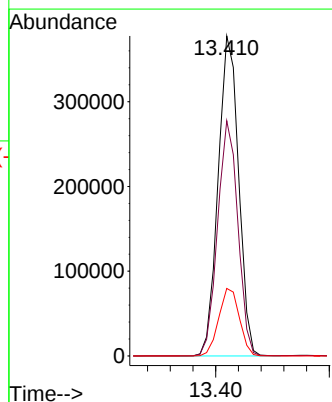
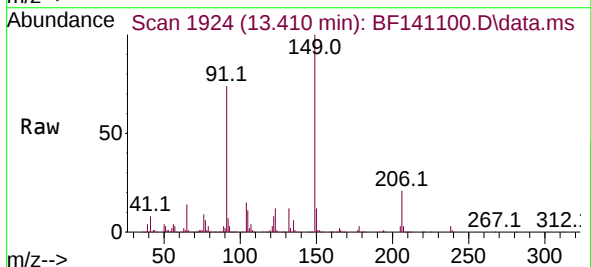
Tgt Ion:149 Resp: 473333

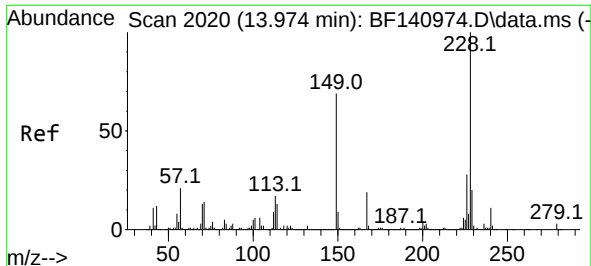
Ion Ratio Lower Upper

149 100

91 73.5 59.5 89.3

206 21.1 17.1 25.7

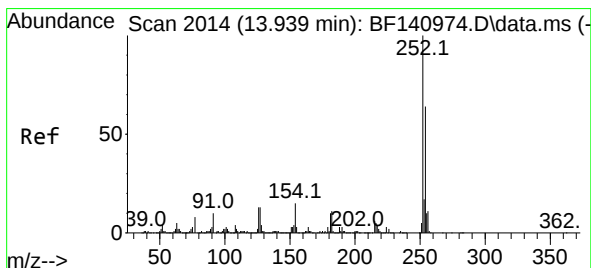
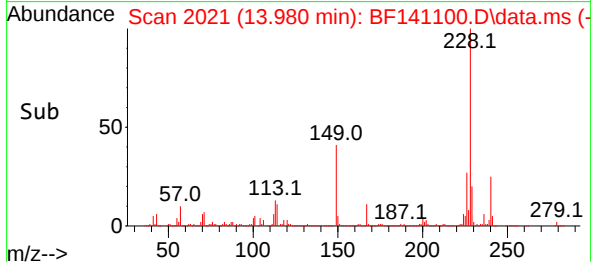
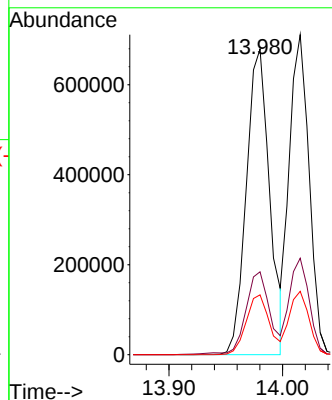
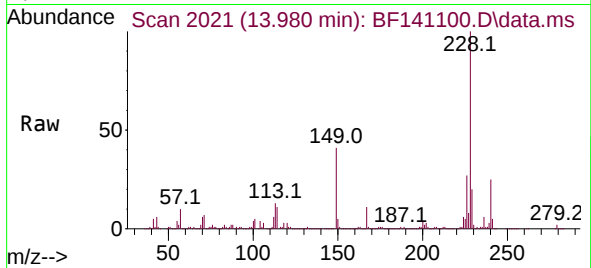




#81
Benzo(a)anthracene
Concen: 37.139 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

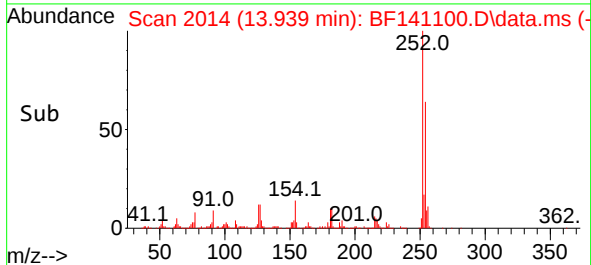
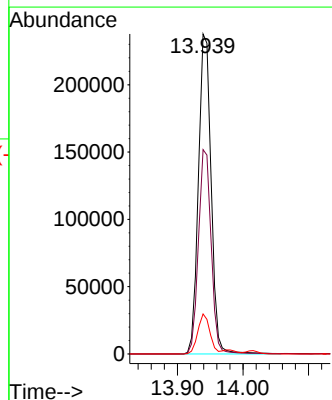
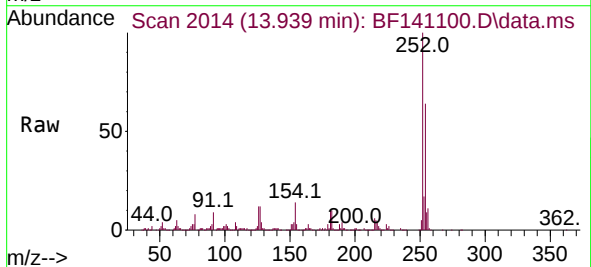
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

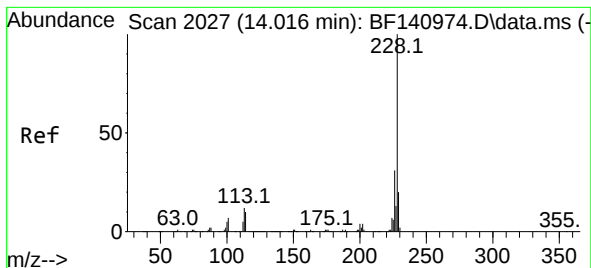
Tgt Ion:228 Resp: 968207
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.6 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 41.030 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:252 Resp: 321372
Ion Ratio Lower Upper
252 100
254 63.9 51.5 77.3
126 12.5 10.3 15.5





#83

Chrysene

Concen: 36.797 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

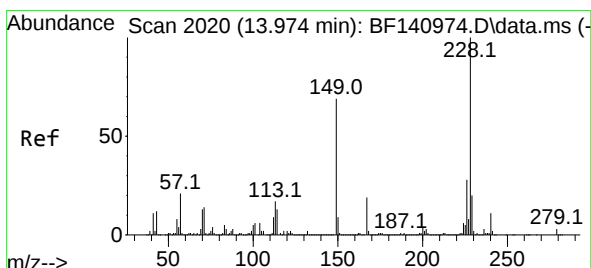
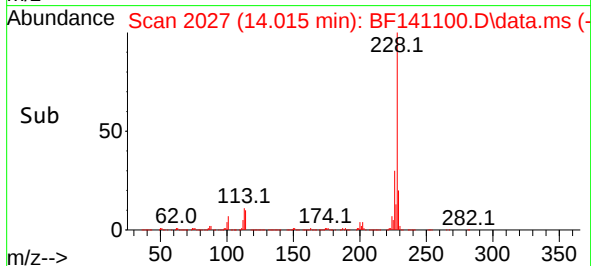
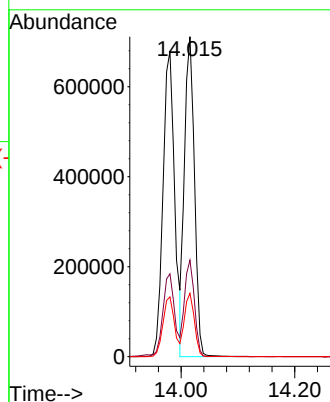
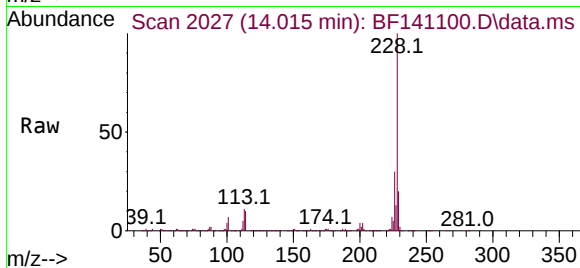
Tgt Ion:228 Resp: 864774

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.926 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

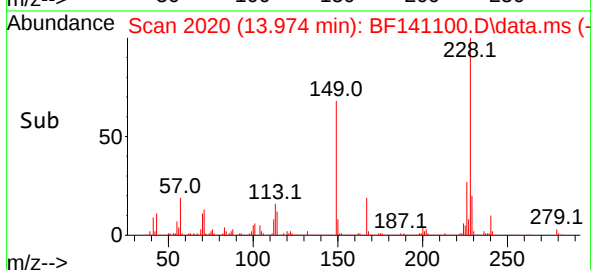
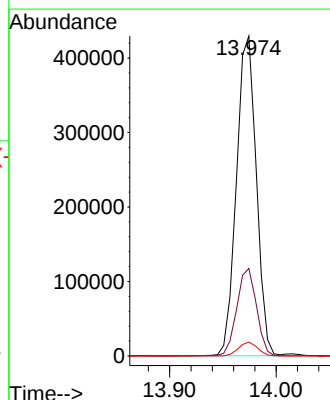
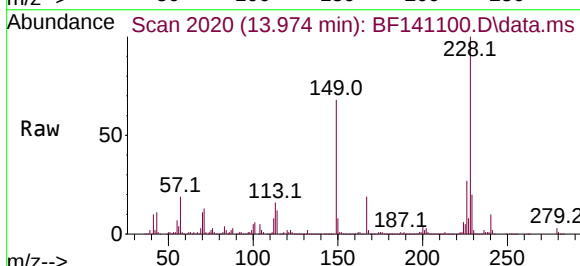
Tgt Ion:149 Resp: 556689

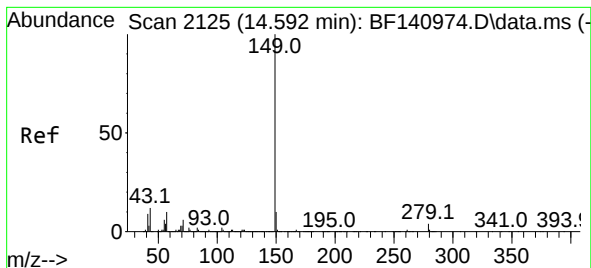
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 4.3 3.2 4.8

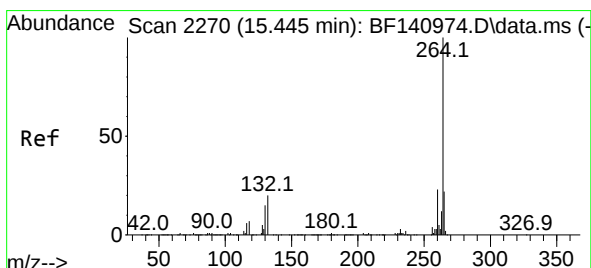
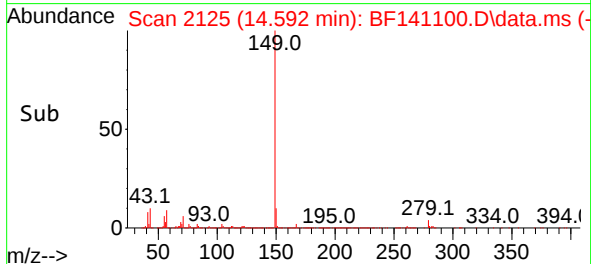
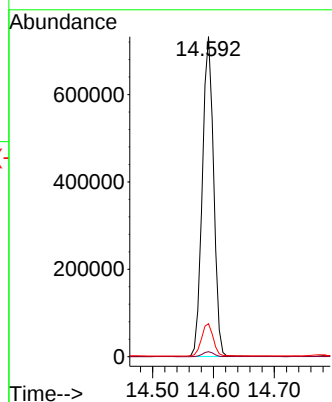
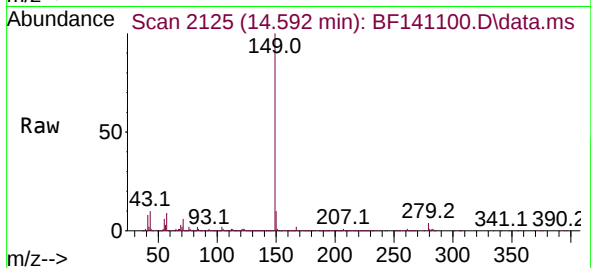




#85
Di-n-octyl phthalate
Concen: 42.111 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

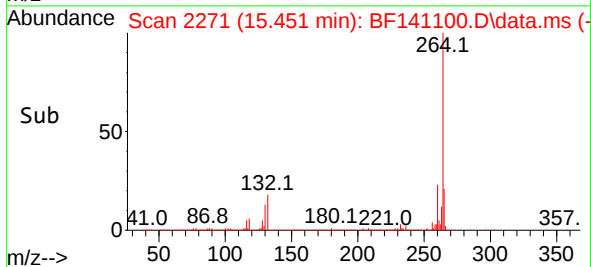
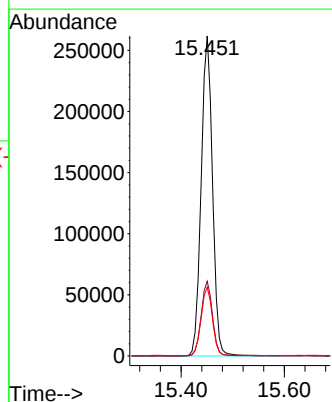
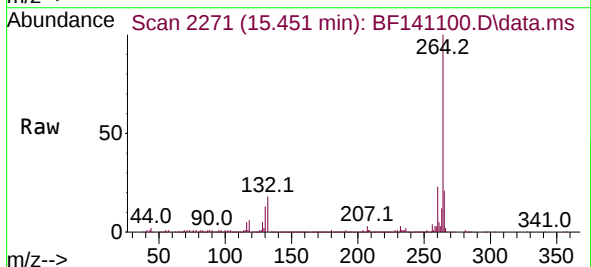
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

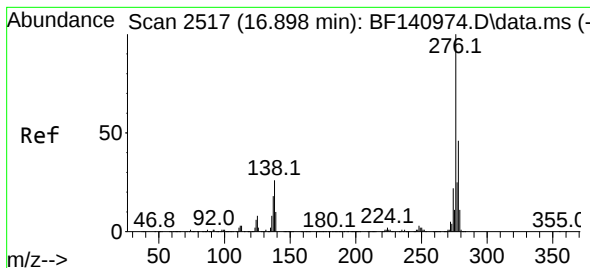
Tgt Ion:149 Resp: 944424
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF141100.D
Acq: 09 Jan 2025 11:04

Tgt Ion:264 Resp: 398568
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.216 ng

RT: 16.909 min Scan# 2119

Delta R.T. 0.012 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

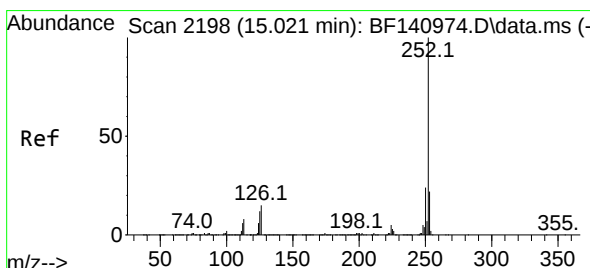
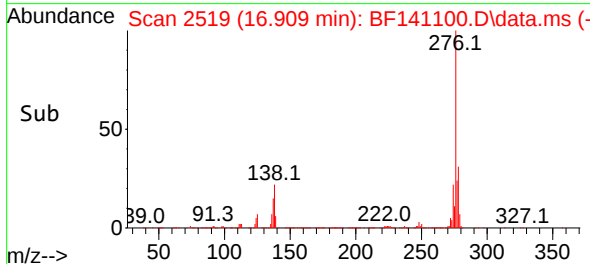
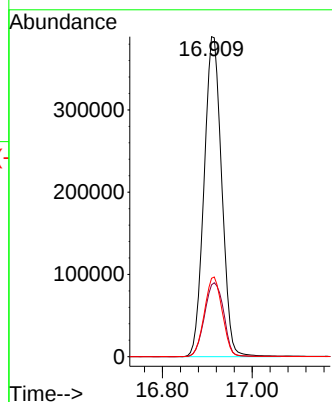
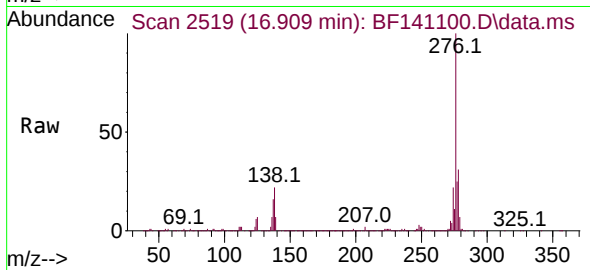
Tgt Ion:276 Resp: 1060066

Ion Ratio Lower Upper

276 100

138 25.3 23.1 34.7

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 34.359 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

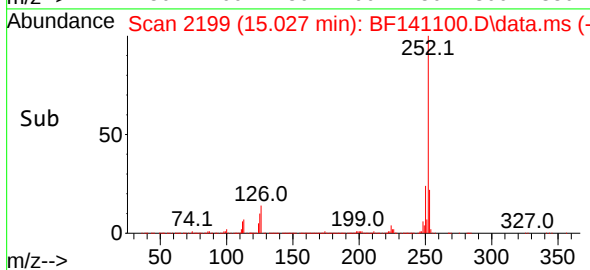
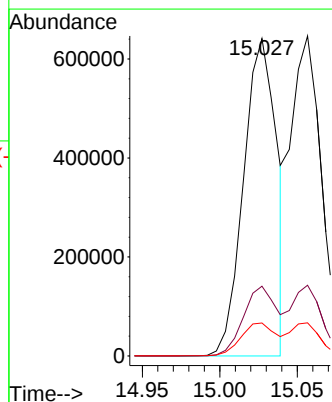
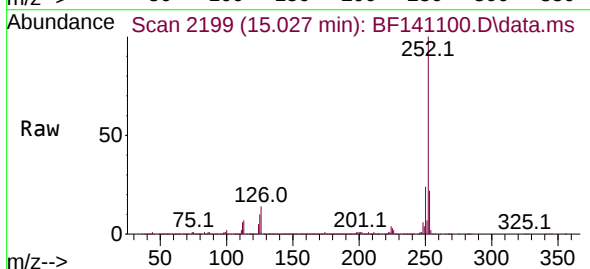
Tgt Ion:252 Resp: 955090

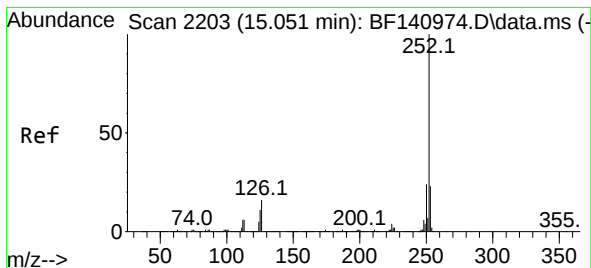
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 40.760 ng

RT: 15.057 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

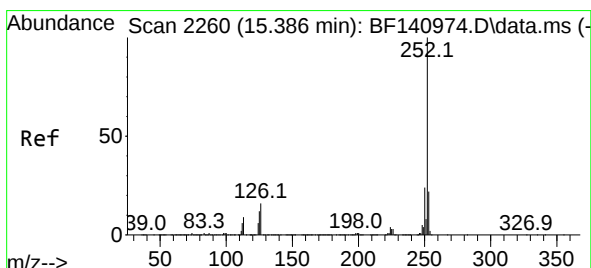
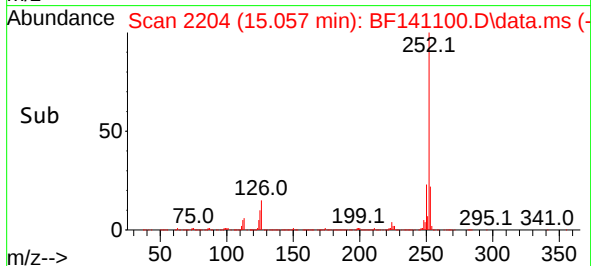
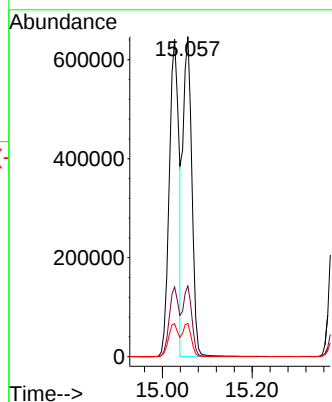
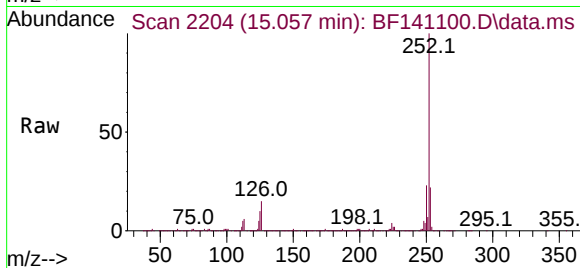
Tgt Ion:252 Resp: 888029

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.4 9.4 14.0



#90

Benzo(a)pyrene

Concen: 38.208 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

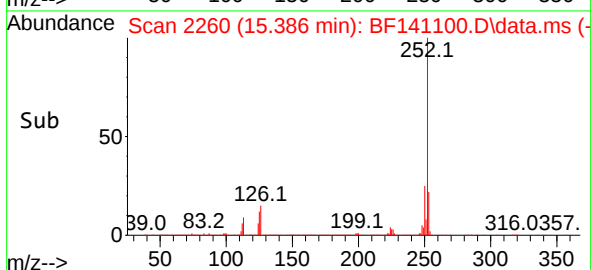
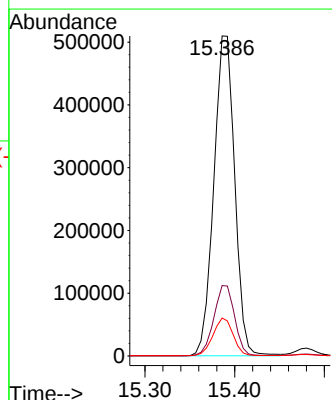
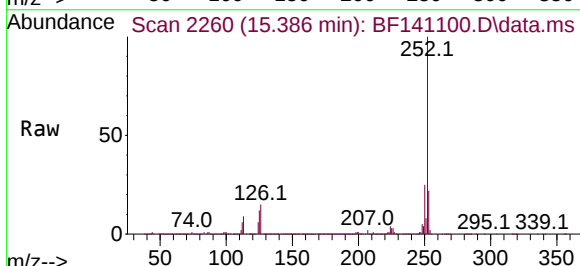
Tgt Ion:252 Resp: 824367

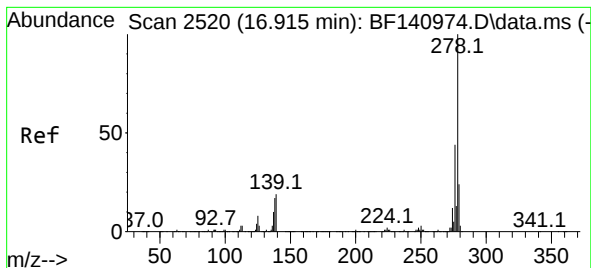
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 11.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 42.630 ng

RT: 16.933 min Scan# 2523

Delta R.T. 0.018 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

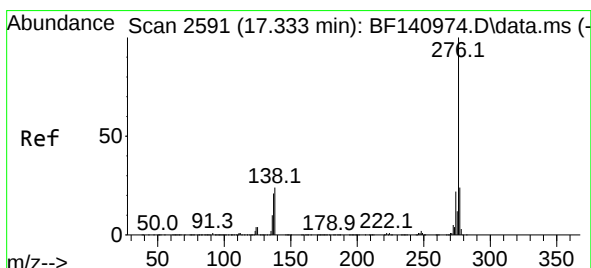
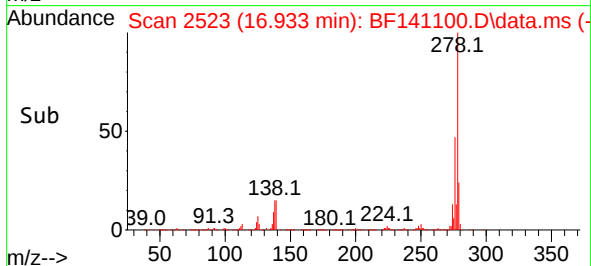
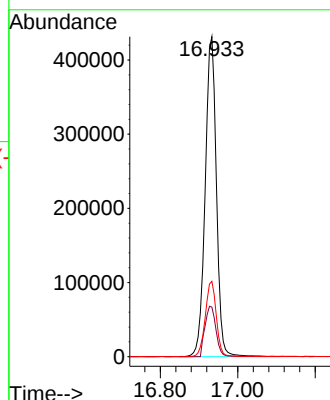
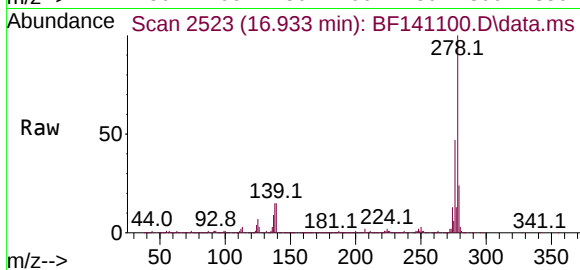
Tgt Ion:278 Resp: 867732

Ion Ratio Lower Upper

278 100

139 15.5 14.9 22.3

279 23.5 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 42.137 ng

RT: 17.351 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF141100.D

Acq: 09 Jan 2025 11:04

Tgt Ion:276 Resp: 889592

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 21.6 19.4 29.2

