

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
 Data File : BF141117.D
 Acq On : 10 Jan 2025 16:53
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jan 10 22:22:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:16:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	163037	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	625072	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	333513	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	593257	20.000	ng	0.00
76) Chrysene-d12	13.998	240	341879	20.000	ng	0.01
86) Perylene-d12	15.468	264	333662	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1007728	95.484	ng	0.00
7) Phenol-d6	6.445	99	1279370	95.699	ng	0.00
23) Nitrobenzene-d5	7.386	82	1156878	98.108	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	383942	101.033	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2040487	93.427	ng	0.00
79) Terphenyl-d14	12.939	244	2188278	95.134	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	233484	49.679	ng	98
3) Pyridine	3.287	79	555795	48.225	ng	98
4) n-Nitrosodimethylamine	3.240	42	280365	49.752	ng	98
6) Aniline	6.487	93	564714	47.577	ng	99
8) 2-Chlorophenol	6.604	128	545244	48.153	ng	99
9) Benzaldehyde	6.369	77	318659	42.669	ng	100
10) Phenol	6.463	94	678615	47.420	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	521191	48.869	ng	98
12) 1,3-Dichlorobenzene	6.763	146	613813	48.605	ng	99
13) 1,4-Dichlorobenzene	6.839	146	609332	47.881	ng	99
14) 1,2-Dichlorobenzene	6.992	146	565717	47.656	ng	99
15) Benzyl Alcohol	6.963	79	474583	49.156	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	711735	47.824	ng	100
17) 2-Methylphenol	7.069	107	444678	48.644	ng	100
18) Hexachloroethane	7.334	117	224751	48.837	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	373068	47.373	ng	98
20) 3+4-Methylphenols	7.228	107	546998	47.429	ng	# 85
22) Acetophenone	7.234	105	711333	47.871	ng	98
24) Nitrobenzene	7.404	77	599817	48.807	ng	99
25) Isophorone	7.645	82	982492	48.754	ng	99
26) 2-Nitrophenol	7.722	139	287436	51.416	ng	99
27) 2,4-Dimethylphenol	7.751	122	374236	49.629	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	614567	48.594	ng	99
29) 2,4-Dichlorophenol	7.957	162	447208	49.935	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	495397	48.394	ng	99
31) Naphthalene	8.128	128	1598576	48.495	ng	100
32) Benzoic acid	7.869	122	391608	54.138	ng	98
33) 4-Chloroaniline	8.175	127	544930	47.801	ng	99
34) Hexachlorobutadiene	8.245	225	302873	49.102	ng	99
35) Caprolactam	8.545	113	148641	50.598	ng	94
36) 4-Chloro-3-methylphenol	8.651	107	488345	49.859	ng	99
37) 2-Methylnaphthalene	8.816	142	1021264	48.619	ng	98
38) 1-Methylnaphthalene	8.916	142	992651	47.950	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	460261	48.082	ng	99
41) Hexachlorocyclopentadiene	8.969	237	157828	50.395	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	318276	49.299	ng	99

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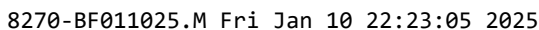
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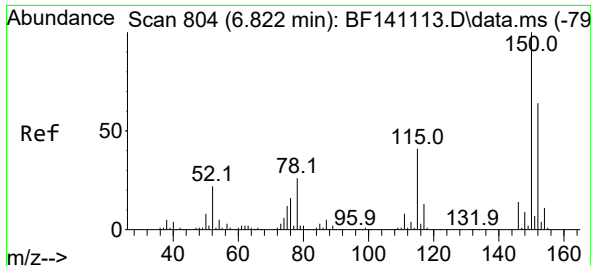
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	342288	50.201	ng	98
46) 1,1'-Biphenyl	9.286	154	1243305	48.003	ng	99
47) 2-Chloronaphthalene	9.310	162	979002	48.530	ng	99
48) 2-Nitroaniline	9.398	65	304048	50.844	ng	96
49) Acenaphthylene	9.722	152	1398990	48.539	ng	100
50) Dimethylphthalate	9.586	163	1098805	49.076	ng	100
51) 2,6-Dinitrotoluene	9.645	165	262596	50.434	ng	96
52) Acenaphthene	9.898	154	988008	49.066	ng	99
53) 3-Nitroaniline	9.810	138	266881	50.440	ng	97
54) 2,4-Dinitrophenol	9.916	184	139903	56.530	ng	# 86
55) Dibenzofuran	10.069	168	1321844	48.261	ng	100
56) 4-Nitrophenol	9.963	139	220382	53.183	ng	95
57) 2,4-Dinitrotoluene	10.045	165	353808	52.728	ng	97
58) Fluorene	10.410	166	1011650	47.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	277818	49.019	ng	98
60) Diethylphthalate	10.286	149	1074789	49.171	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	494329	47.665	ng	97
62) 4-Nitroaniline	10.427	138	269415	52.024	ng	98
63) Azobenzene	10.563	77	1054277	48.881	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	192136	55.890	ng	95
66) n-Nitrosodiphenylamine	10.522	169	894530	46.748	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	326554	47.810	ng	99
68) Hexachlorobenzene	10.957	284	361542	47.551	ng	99
69) Atrazine	11.051	200	272232	52.837	ng	99
70) Pentachlorophenol	11.145	266	250381	51.422	ng	99
71) Phenanthrene	11.374	178	1503408	47.203	ng	99
72) Anthracene	11.422	178	1473797	47.589	ng	100
73) Carbazole	11.580	167	1386206	48.815	ng	100
74) Di-n-butylphthalate	11.916	149	1600680	49.255	ng	100
75) Fluoranthene	12.563	202	1558556	49.037	ng	99
77) Benzidine	12.680	184	290459	45.814	ng	99
78) Pyrene	12.792	202	1571607	48.129	ng	99
80) Butylbenzylphthalate	13.416	149	578964	53.179	ng	98
81) Benzo(a)anthracene	13.986	228	1136119	48.830	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	364178	49.156	ng	99
83) Chrysene	14.021	228	1057551	48.577	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	700052	53.591	ng	99
85) Di-n-octyl phthalate	14.610	149	1055383	53.503	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1185030	48.477	ng	99
88) Benzo(b)fluoranthene	15.045	252	1096957	50.984	ng	100
89) Benzo(k)fluoranthene	15.074	252	865456	47.598	ng	99
90) Benzo(a)pyrene	15.410	252	874134	49.243	ng	100
91) Dibenzo(a,h)anthracene	16.956	278	959595	48.535	ng	99
92) Benzo(g,h,i)perylene	17.380	276	996659	48.464	ng	99

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

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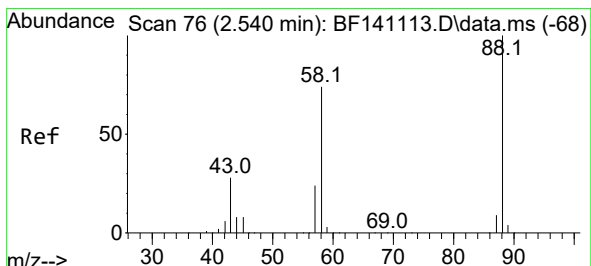
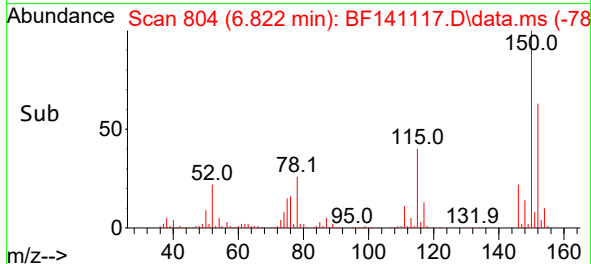
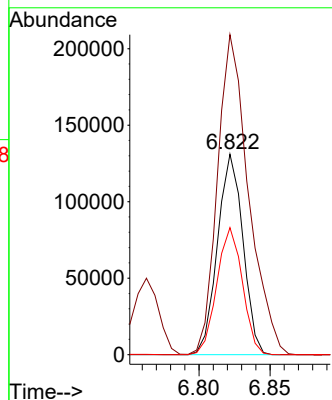
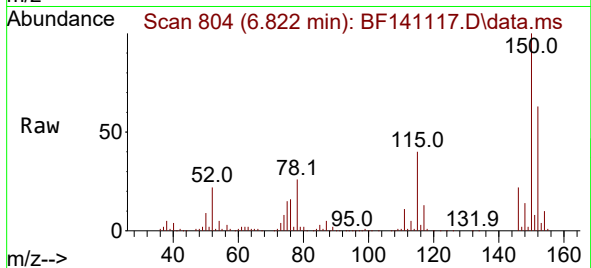




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141117.D
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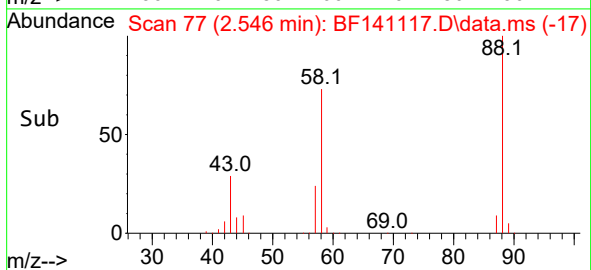
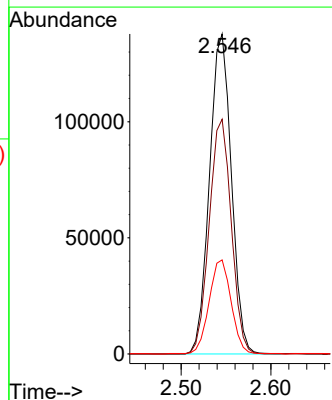
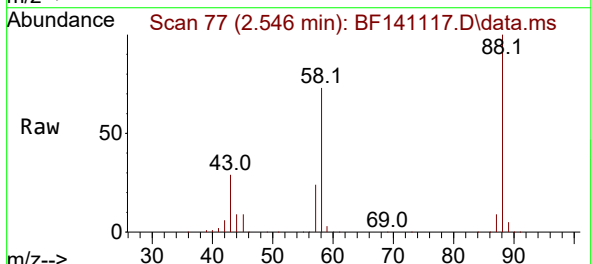
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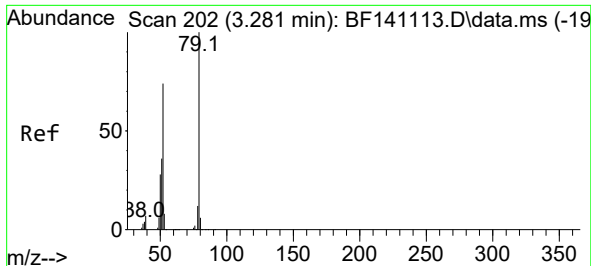
Tgt Ion:152 Resp: 163037
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.8 188.8
 115 63.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: 49.679 ng
 RT: 2.546 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: BF141117.D
 Acq: 10 Jan 2025 16:53

Tgt Ion: 88 Resp: 233484
 Ion Ratio Lower Upper
 88 100
 58 73.8 60.1 90.1
 43 29.7 23.1 34.7

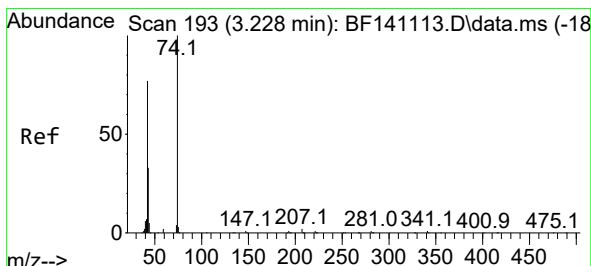
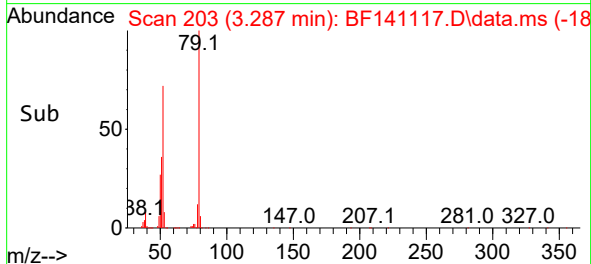
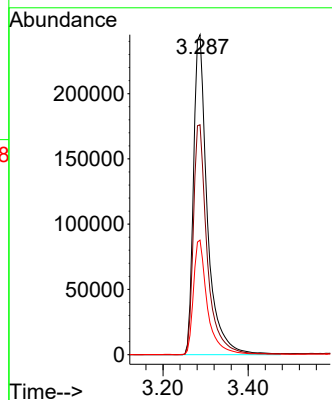
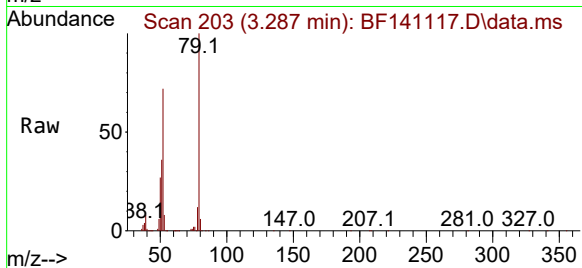




#3
Pyridine
Concen: 48.225 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

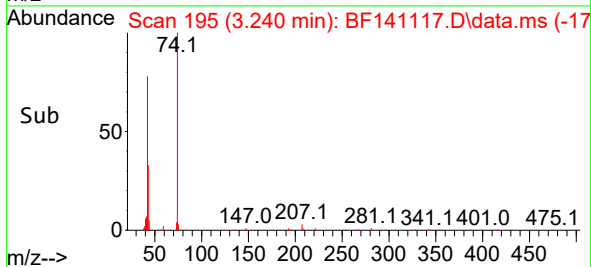
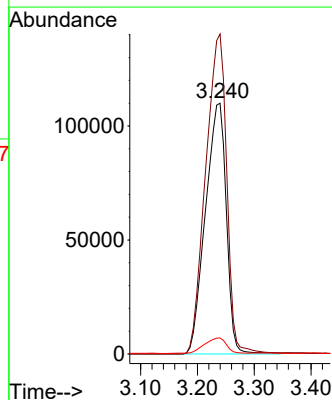
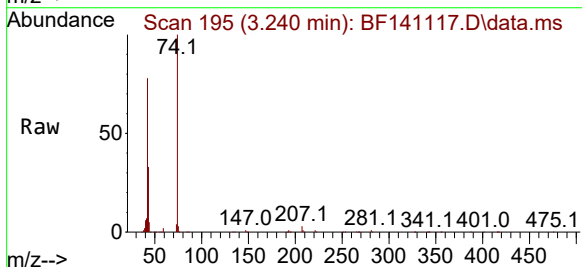
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BNA_F
ClientSampleId :
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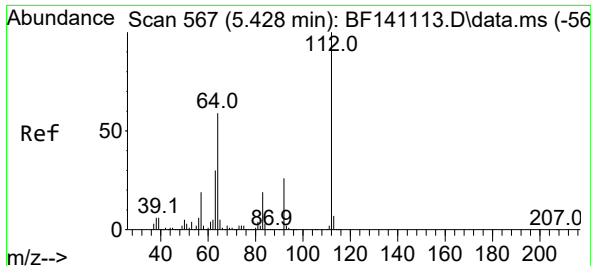
Tgt Ion: 79 Resp: 555795
Ion Ratio Lower Upper
79 100
52 71.9 58.9 88.3
51 35.8 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 49.752 ng
RT: 3.240 min Scan# 195
Delta R.T. 0.012 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion: 42 Resp: 280365
Ion Ratio Lower Upper
42 100
74 127.7 103.8 155.6
44 6.4 5.3 7.9

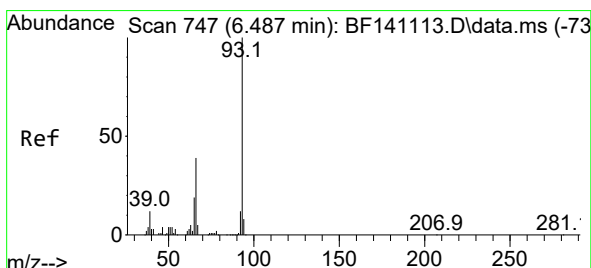
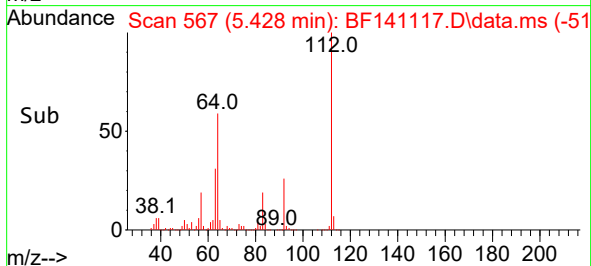
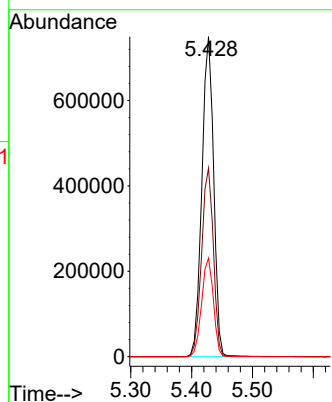
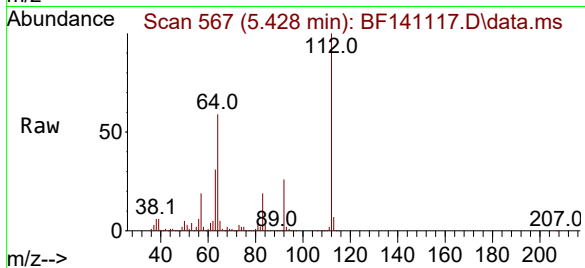




#5
2-Fluorophenol
Concen: 95.484 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

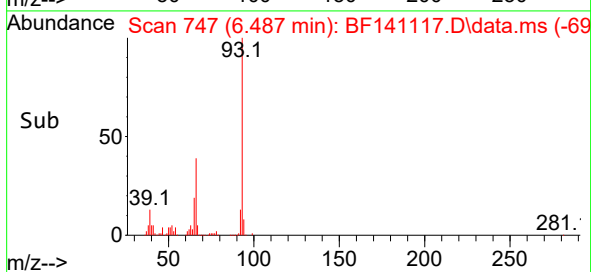
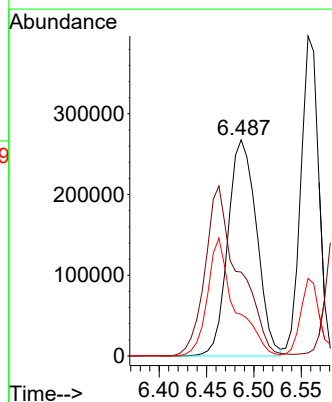
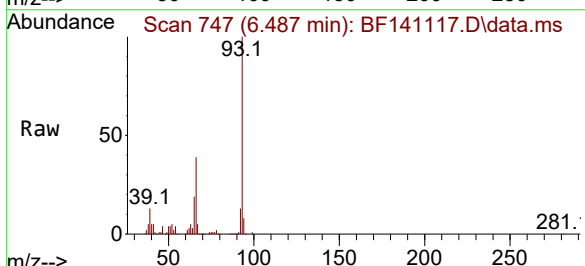
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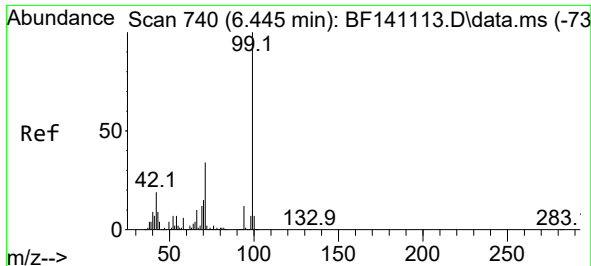
Tgt Ion:112 Resp: 1007728
Ion Ratio Lower Upper
112 100
64 58.9 47.3 70.9
63 30.8 24.2 36.2



#6
Aniline
Concen: 47.577 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion: 93 Resp: 564714
Ion Ratio Lower Upper
93 100
66 38.8 31.5 47.3
65 19.3 15.3 22.9

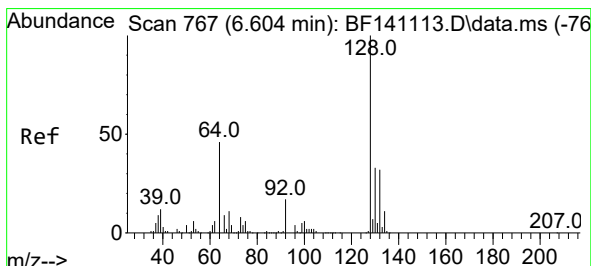
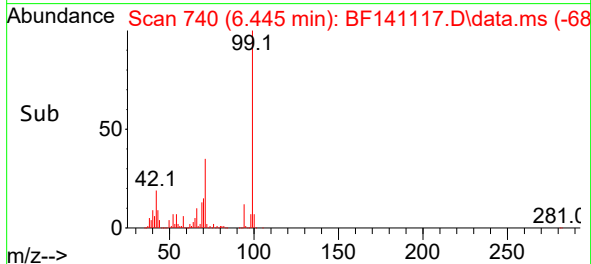
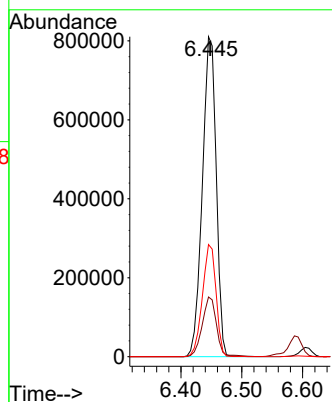
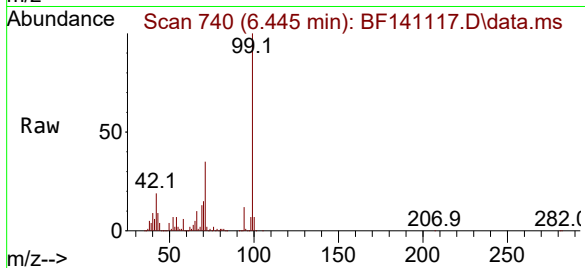




#7
Phenol-d6
Concen: 95.699 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

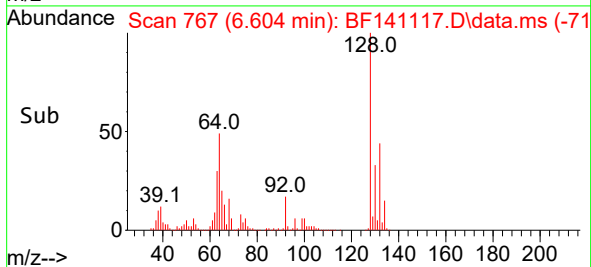
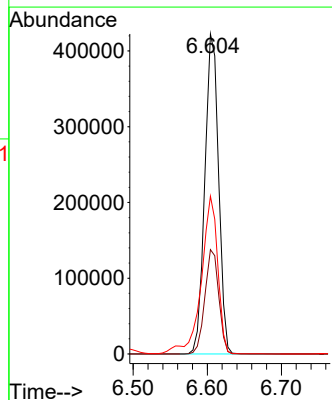
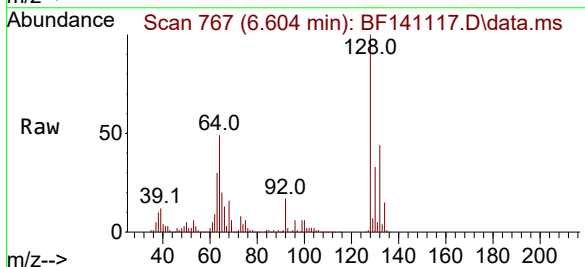
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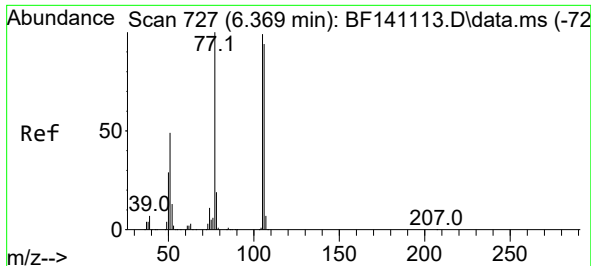
Tgt Ion: 99 Resp: 1279370
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 35.1 27.6 41.4



#8
2-Chlorophenol
Concen: 48.153 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:128 Resp: 545244
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 49.3 28.3 68.3

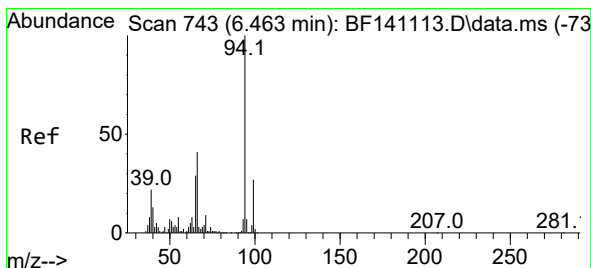
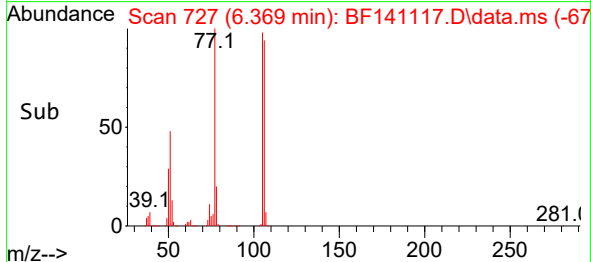
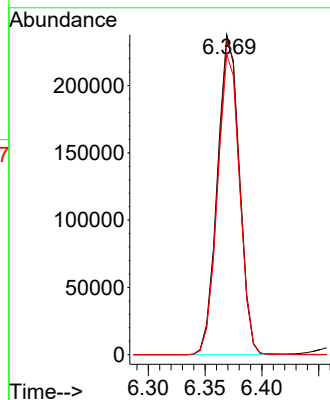
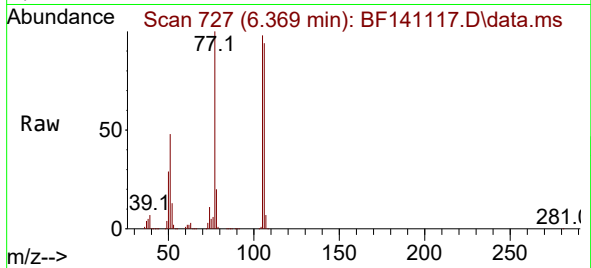




#9
Benzaldehyde
Concen: 42.669 ng
RT: 6.369 min Scan# 727
Delta R.T. -0.000 min
Lab File: BF141117.D
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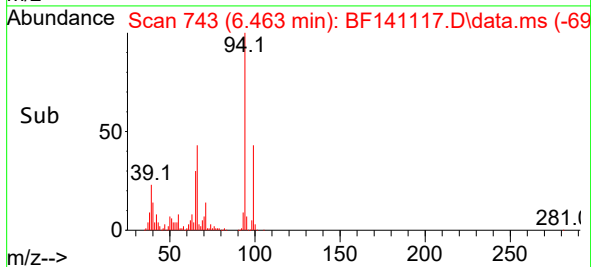
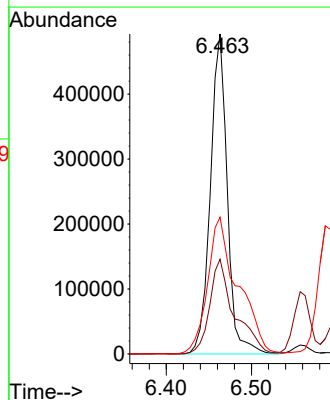
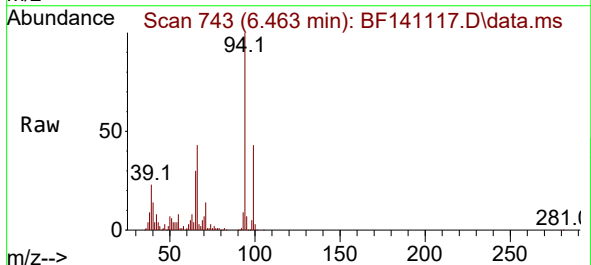
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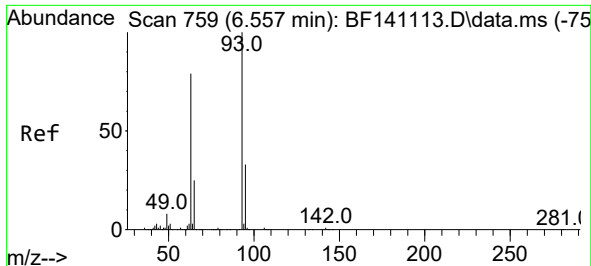
Tgt Ion: 77 Resp: 318659
Ion Ratio Lower Upper
77 100
105 98.3 78.9 118.9
106 93.9 73.6 113.6



#10
Phenol
Concen: 47.420 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion: 94 Resp: 678615
Ion Ratio Lower Upper
94 100
65 29.6 8.9 48.9
66 42.8 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 48.869 ng

RT: 6.557 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

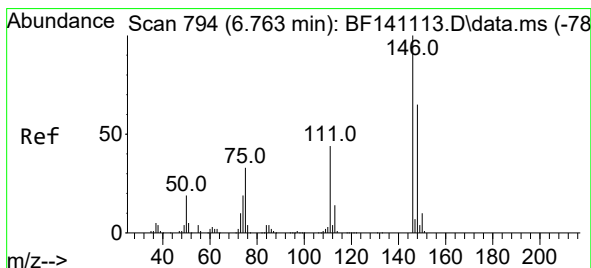
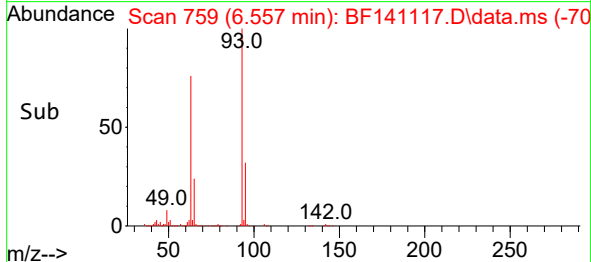
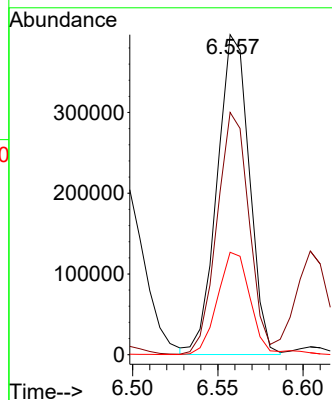
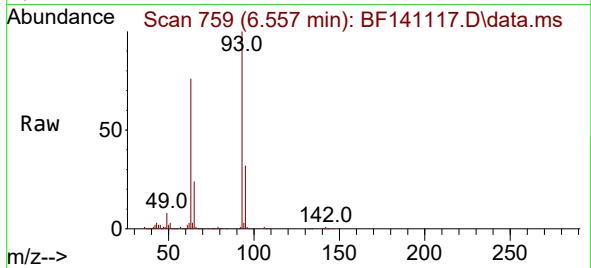
Tgt Ion: 93 Resp: 521191

Ion Ratio Lower Upper

93 100

63 75.7 58.0 98.0

95 32.0 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 48.605 ng

RT: 6.763 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

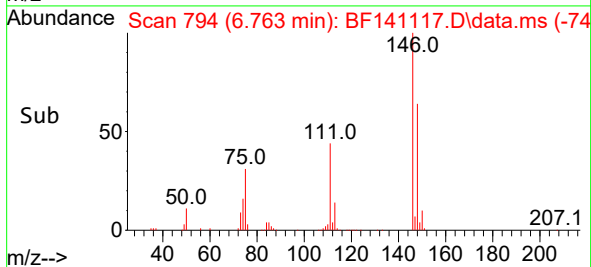
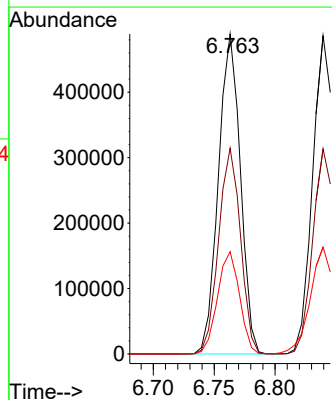
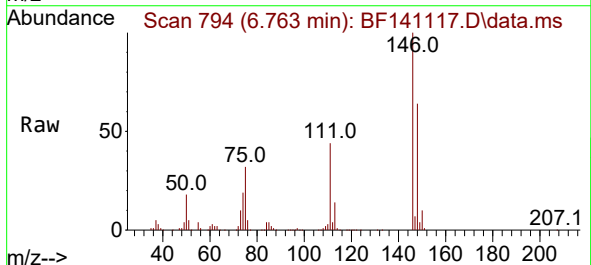
Tgt Ion:146 Resp: 613813

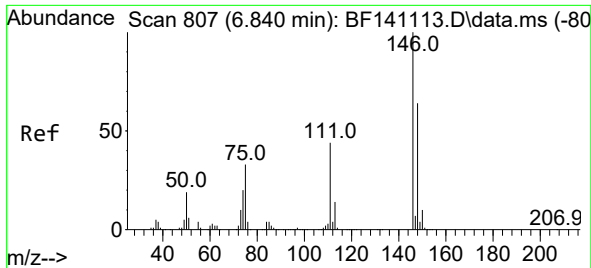
Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

75 32.0 26.2 39.2

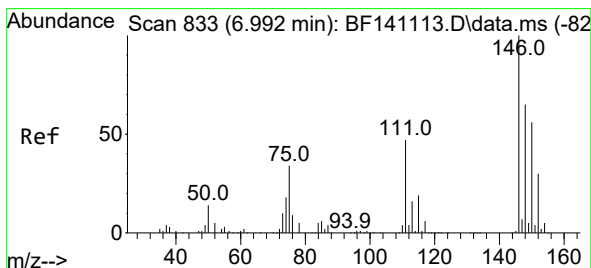
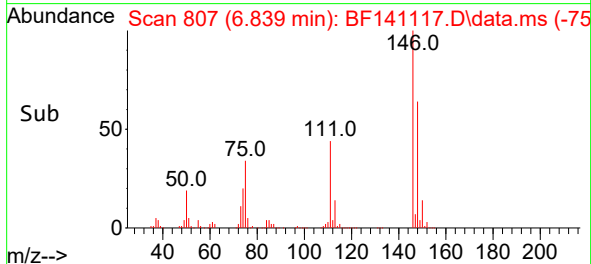
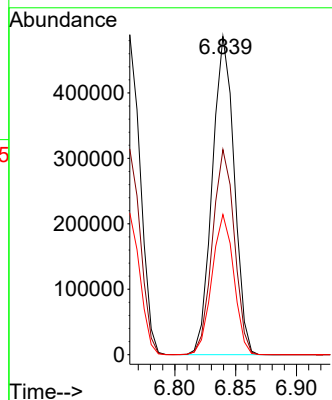
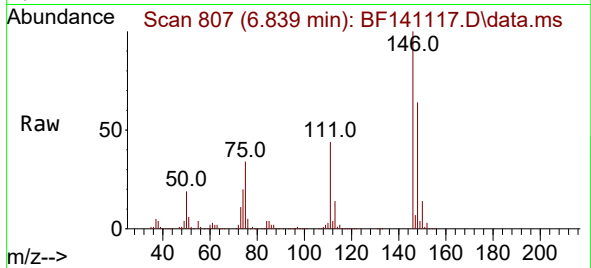




#13
1,4-Dichlorobenzene
Concen: 47.881 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

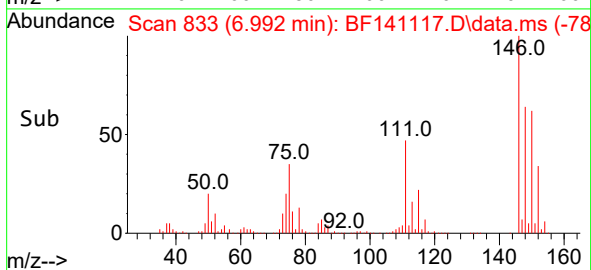
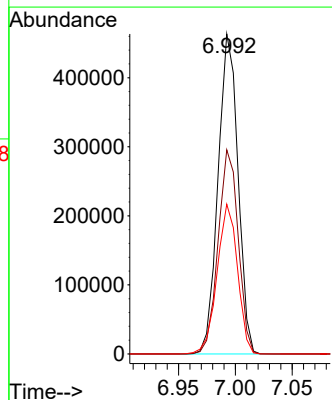
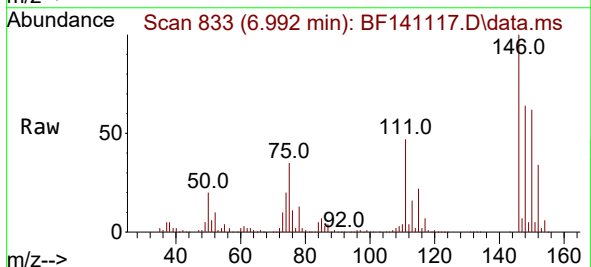
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

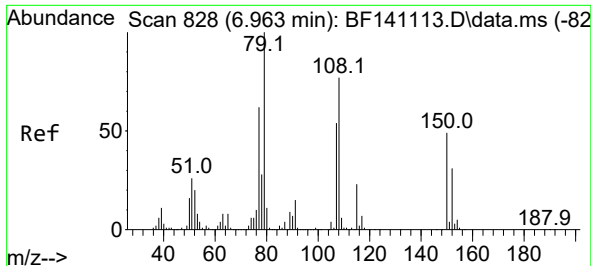
Tgt Ion:146 Resp: 609332
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 44.0 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 47.656 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:146 Resp: 565717
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 46.8 37.5 56.3

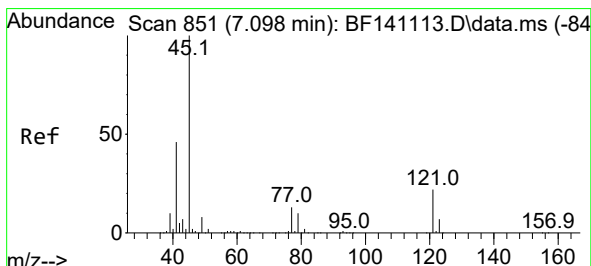
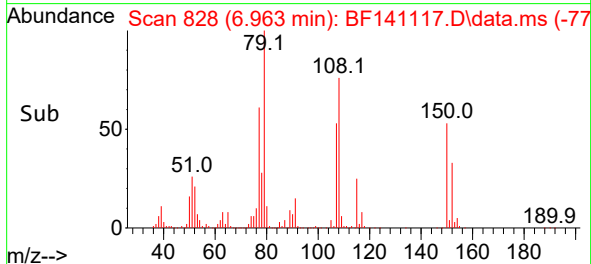
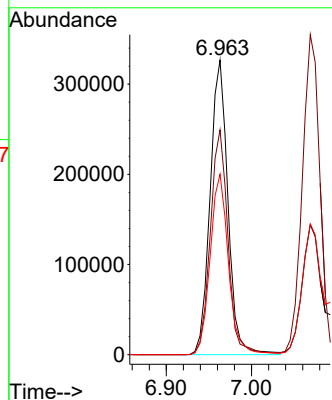
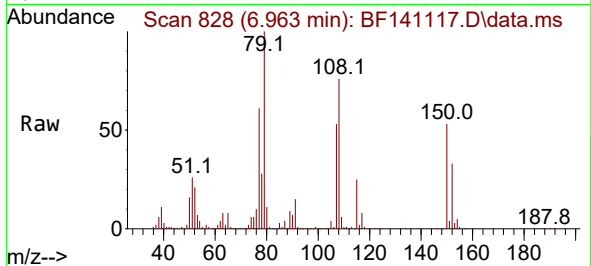




#15
Benzyl Alcohol
Concen: 49.156 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

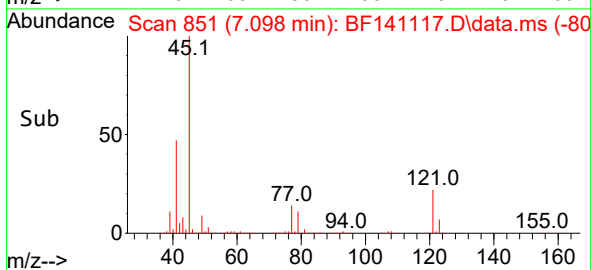
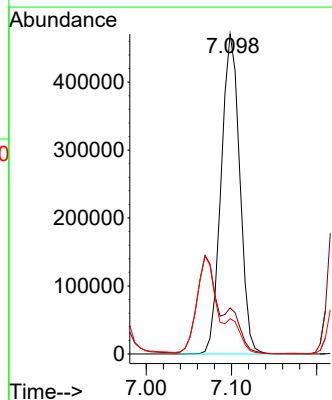
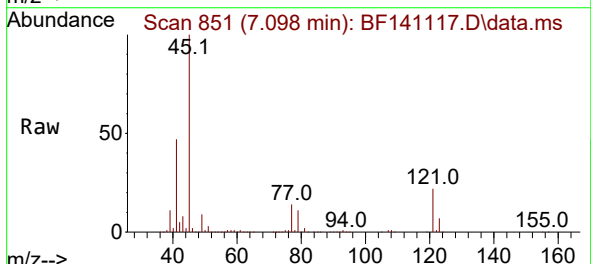
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

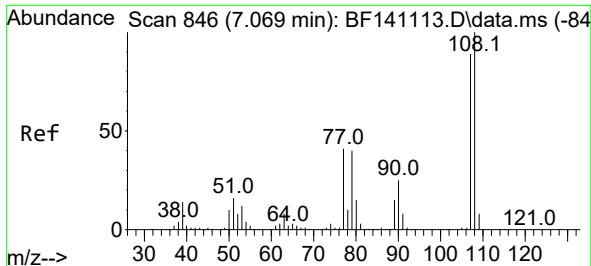
Tgt Ion: 79 Resp: 474583
Ion Ratio Lower Upper
79 100
108 76.3 61.4 92.0
77 61.3 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.824 ng
RT: 7.098 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion: 45 Resp: 711735
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.1
79 11.0 0.0 31.0

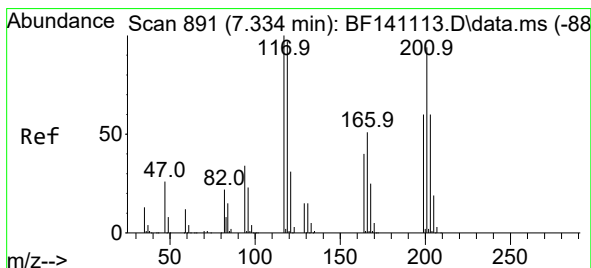
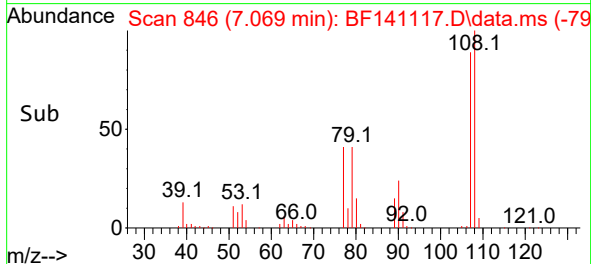
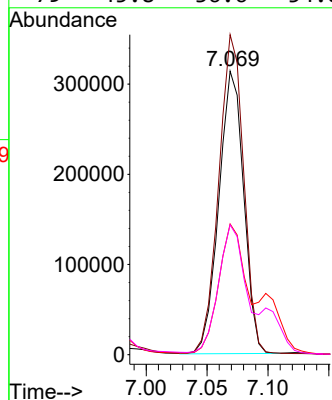
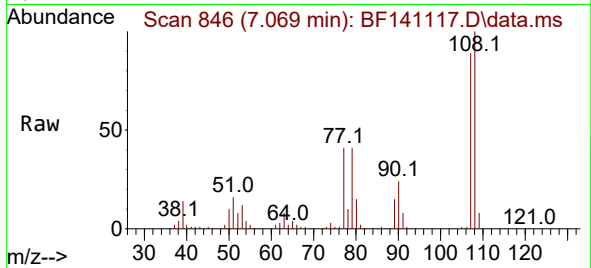




#17
2-Methylphenol
Concen: 48.644 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

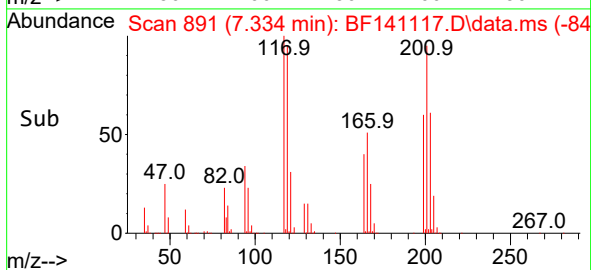
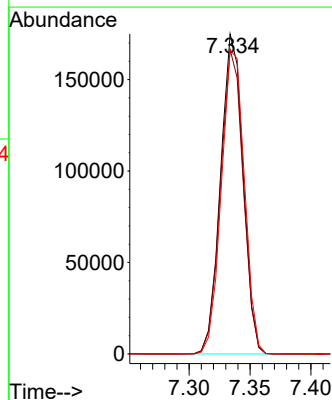
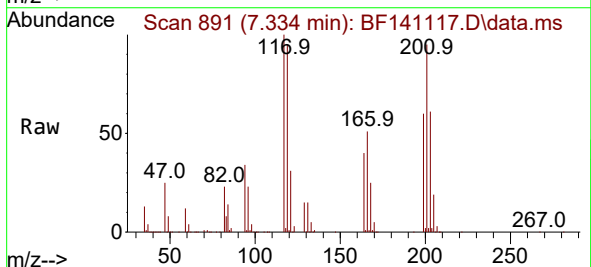
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

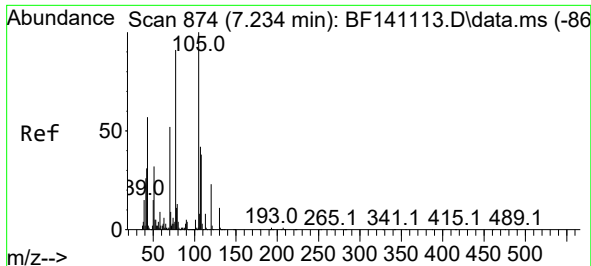
Tgt Ion:107 Resp: 444678
Ion Ratio Lower Upper
107 100
108 112.9 90.1 135.1
77 46.1 36.6 55.0
79 45.8 36.6 54.8



#18
Hexachloroethane
Concen: 48.837 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:117 Resp: 224751
Ion Ratio Lower Upper
117 100
119 95.2 77.6 116.4
201 95.1 75.1 112.7

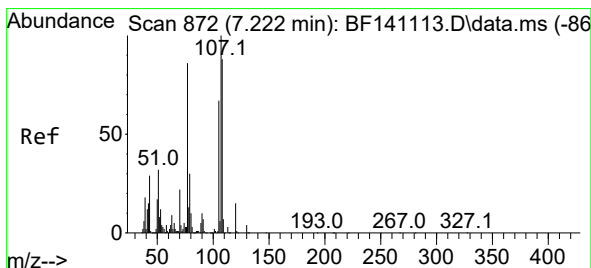
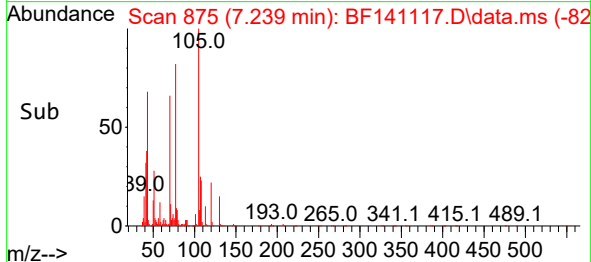
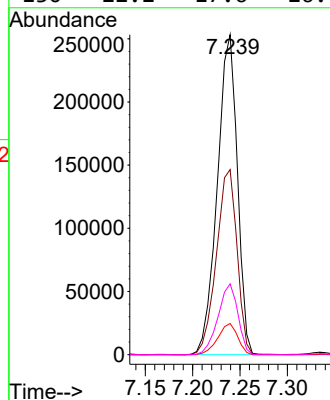
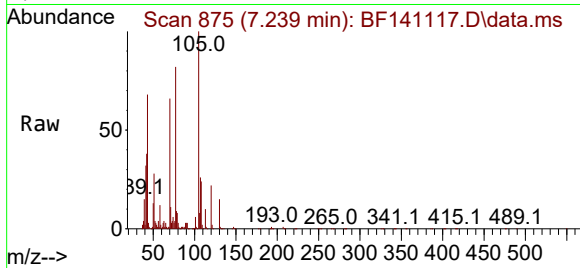




#19
n-Nitroso-di-n-propylamine
Concen: 47.373 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

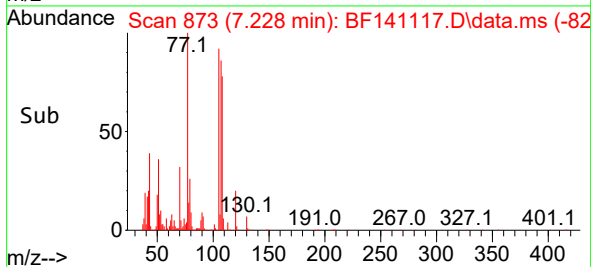
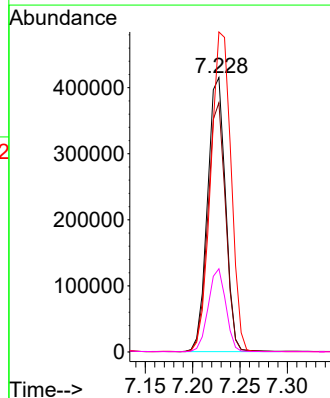
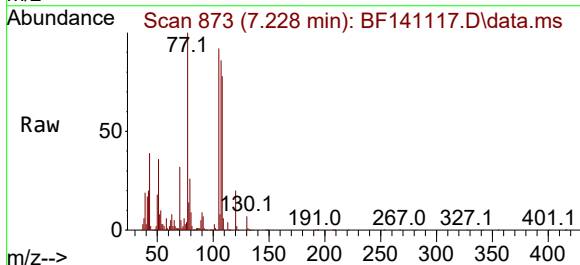
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

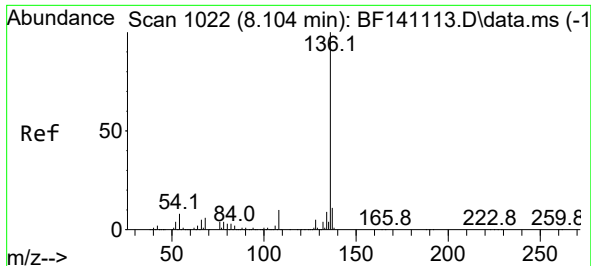
Tgt Ion: 70 Resp: 373068
Ion Ratio Lower Upper
70 100
42 57.9 47.8 71.6
101 9.7 7.9 11.9
130 22.2 17.6 26.4



#20
3+4-Methylphenols
Concen: 47.429 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion: 107 Resp: 546998
Ion Ratio Lower Upper
107 100
108 90.9 68.3 108.3
77 116.6 66.4 106.4#
79 30.3 9.6 49.6



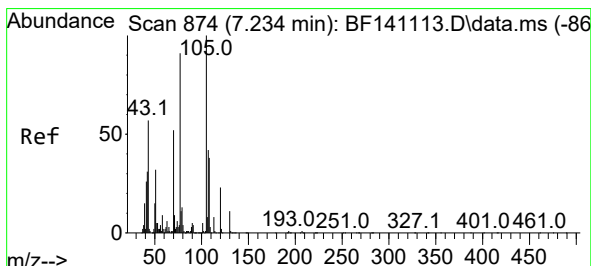
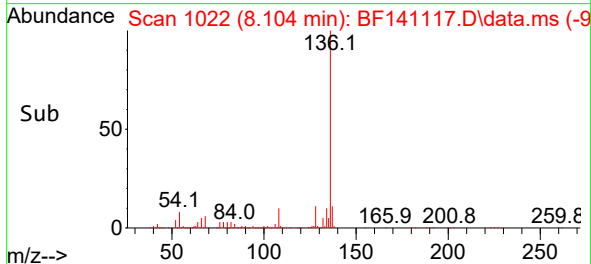
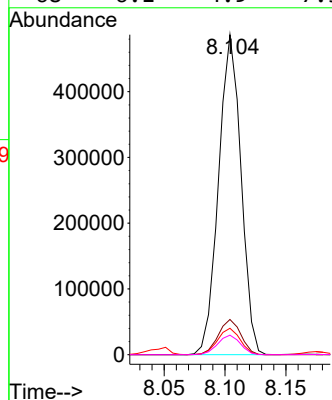
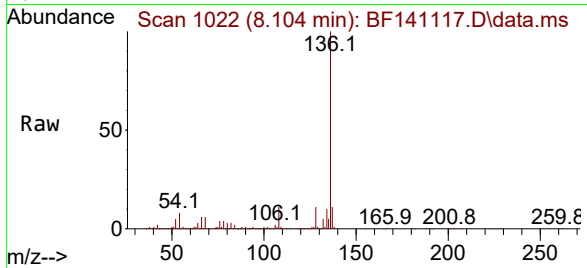


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 625072

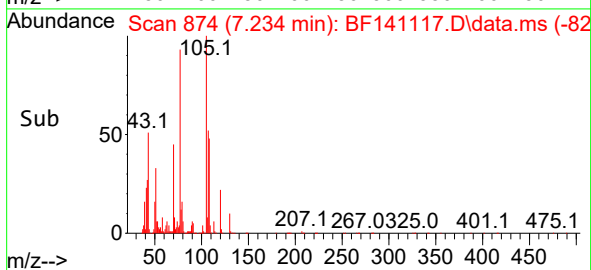
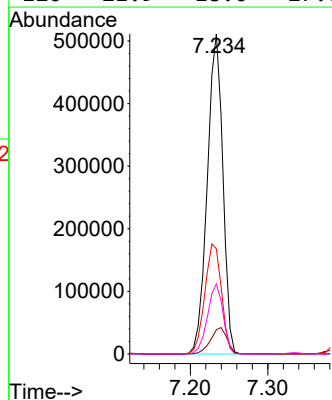
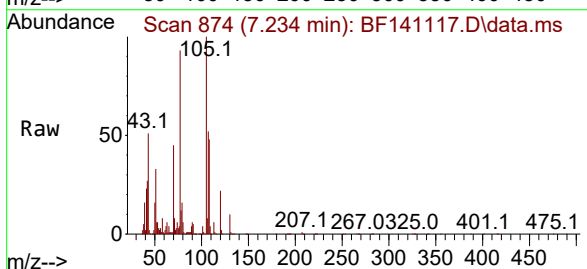
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.3	9.5
68	6.1	4.9	7.3

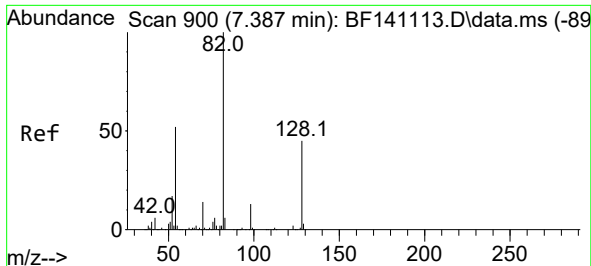


#22
Acetophenone
Concen: 47.871 ng
RT: 7.234 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:105 Resp: 711333

Ion	Ratio	Lower	Upper
105	100		
71	7.5	7.1	10.7
51	32.9	25.4	38.2
120	21.9	18.0	27.0





#23

Nitrobenzene-d5

Concen: 98.108 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

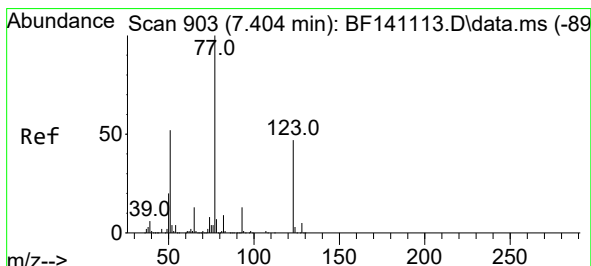
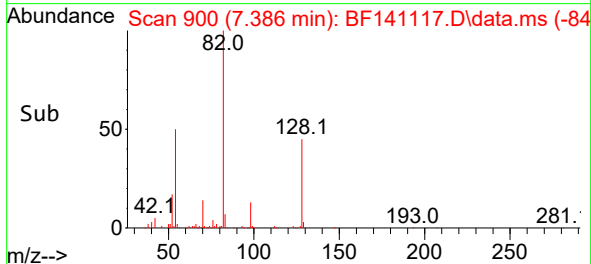
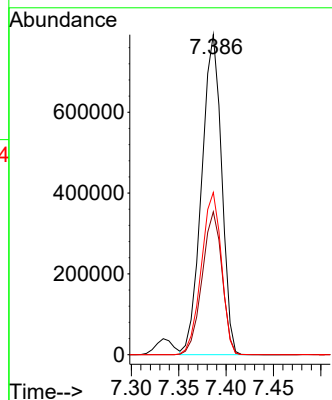
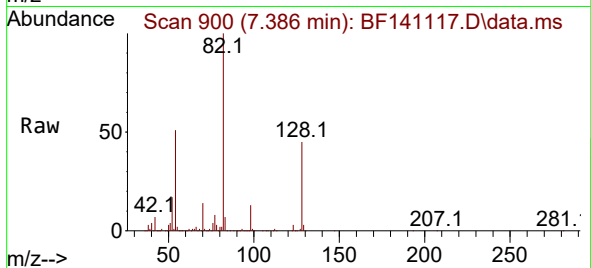
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1156878

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	50.7	41.0	61.4



#24

Nitrobenzene

Concen: 48.807 ng

RT: 7.404 min Scan# 903

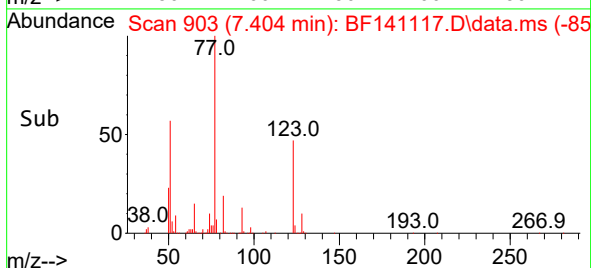
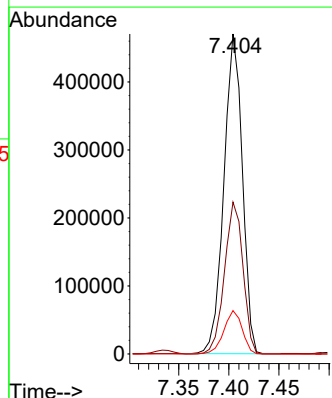
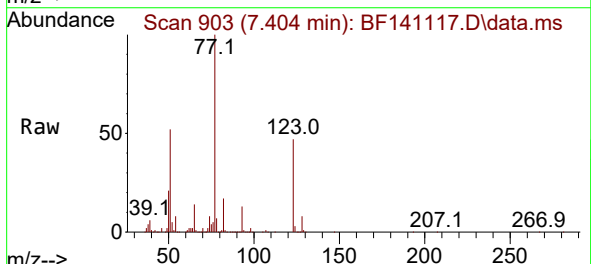
Delta R.T. -0.000 min

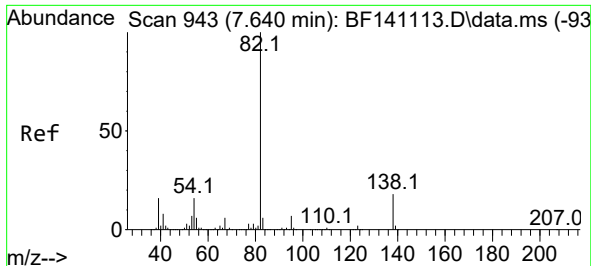
Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Tgt Ion: 77 Resp: 599817

Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.7	56.5
65	13.6	10.6	16.0

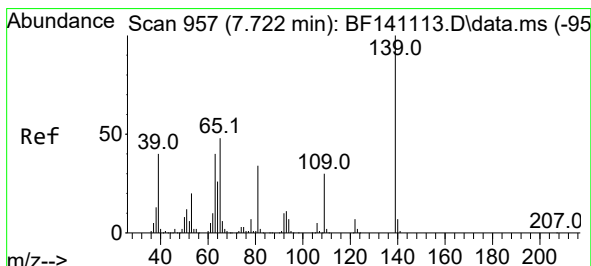
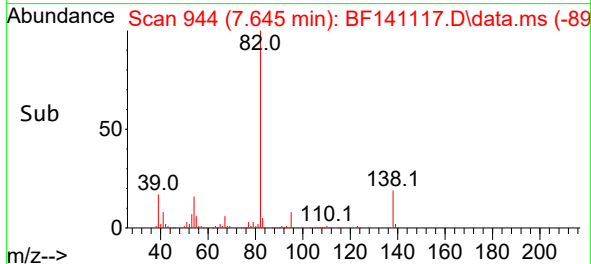
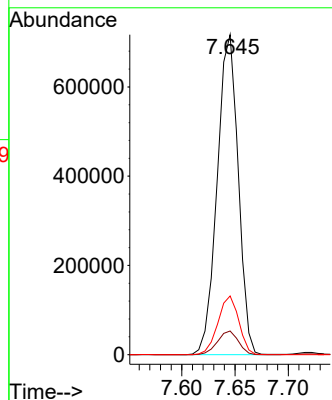
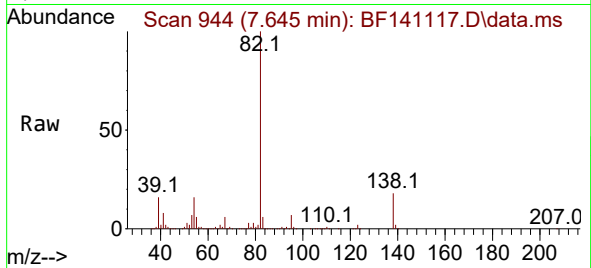




#25
Isophorone
Concen: 48.754 ng
RT: 7.645 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

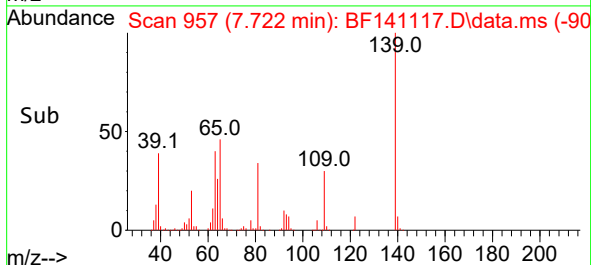
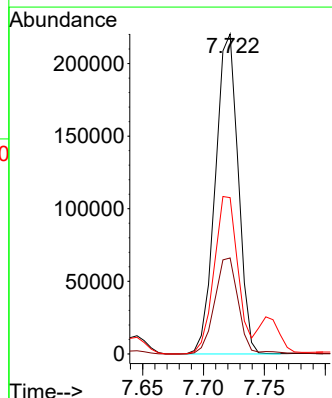
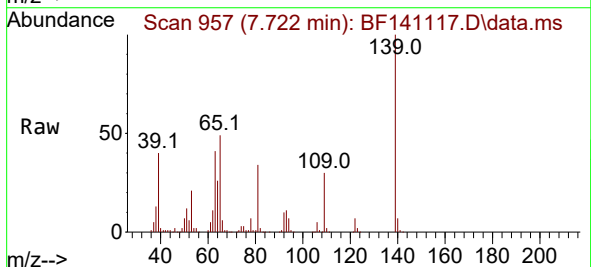
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

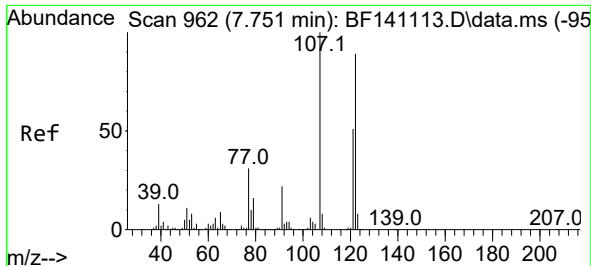
Tgt Ion: 82 Resp: 982492
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.3 14.2 21.2



#26
2-Nitrophenol
Concen: 51.416 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:139 Resp: 287436
Ion Ratio Lower Upper
139 100
109 30.0 23.8 35.6
65 48.8 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 49.629 ng

RT: 7.751 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

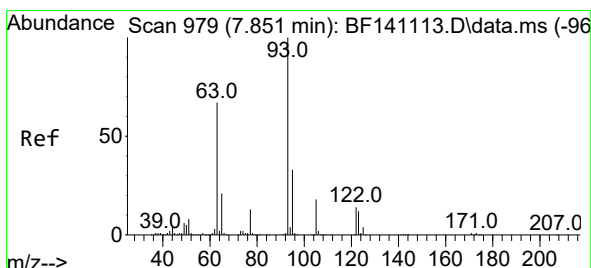
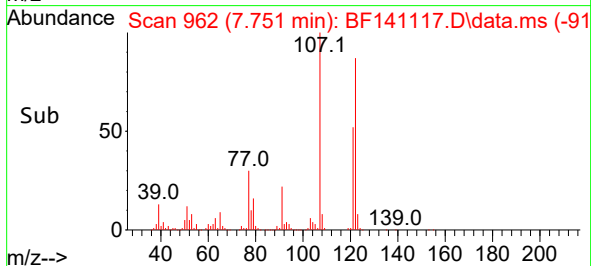
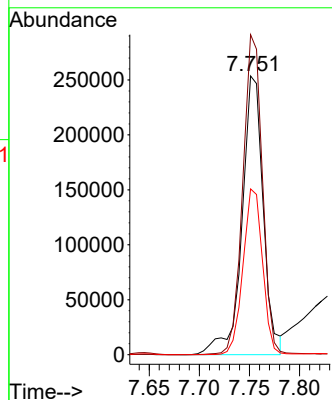
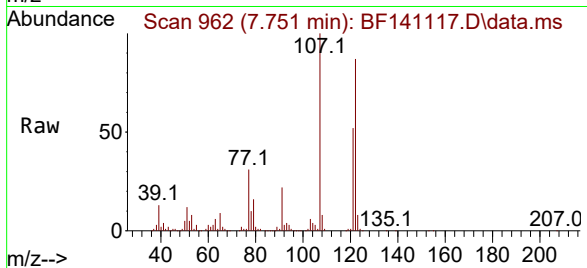
Tgt Ion:122 Resp: 374236

Ion Ratio Lower Upper

122 100

107 114.8 90.3 135.5

121 59.5 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 48.594 ng

RT: 7.857 min Scan# 980

Delta R.T. 0.006 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

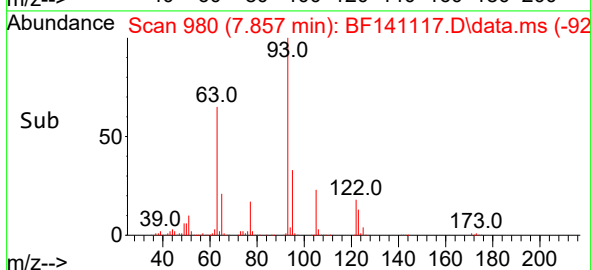
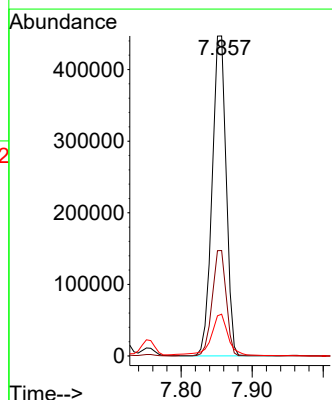
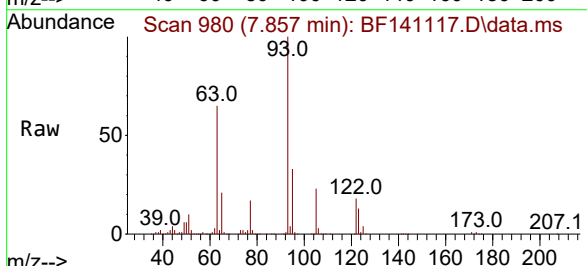
Tgt Ion: 93 Resp: 614567

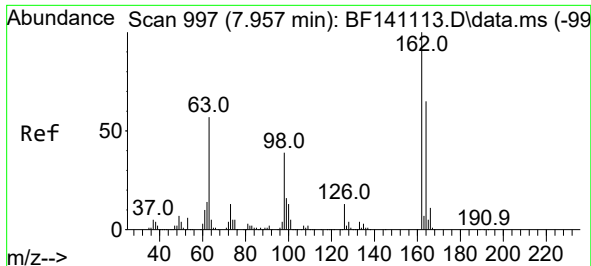
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 13.1 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 49.935 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

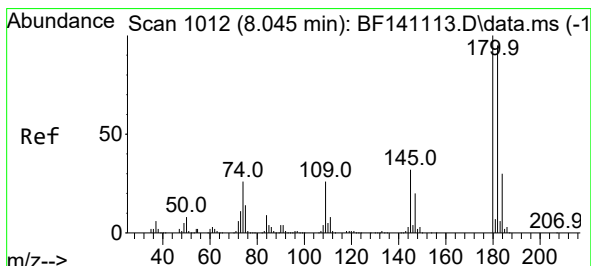
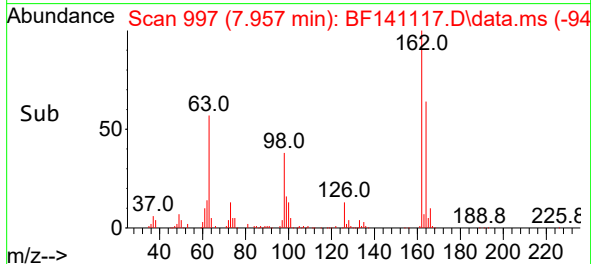
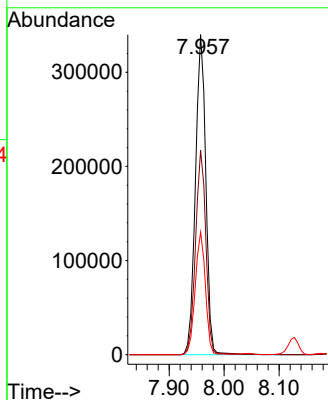
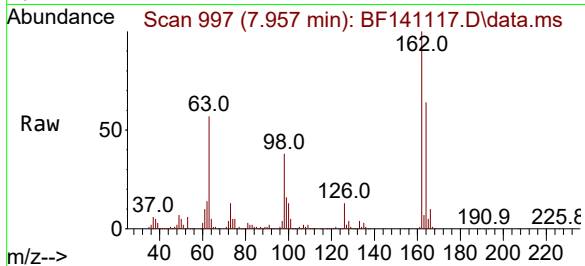
Tgt Ion:162 Resp: 447208

Ion Ratio Lower Upper

162 100

164 63.9 44.5 84.5

98 38.3 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 48.394 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

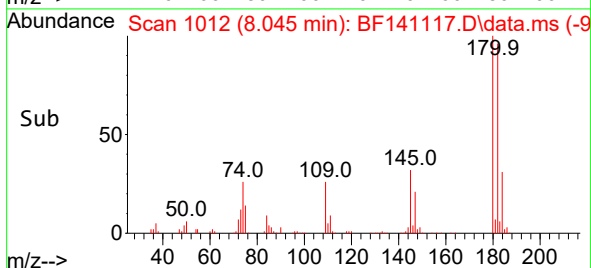
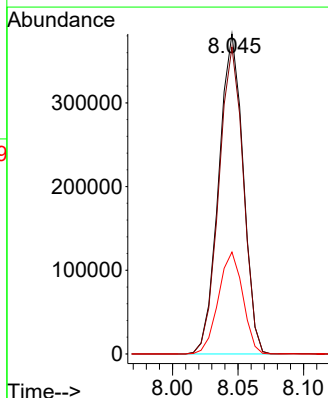
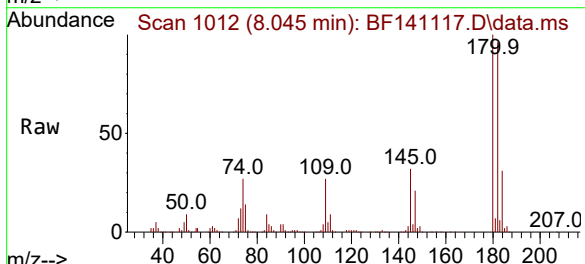
Tgt Ion:180 Resp: 495397

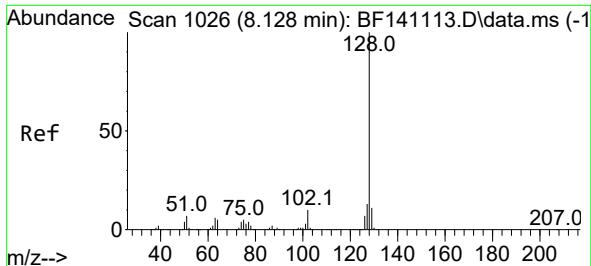
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

145 31.8 25.3 37.9

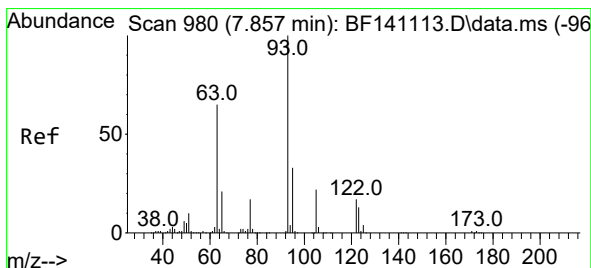
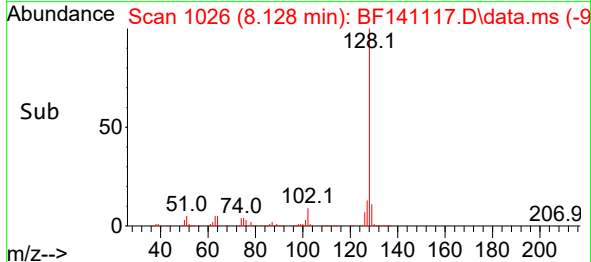
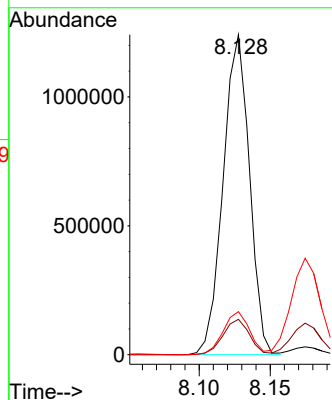
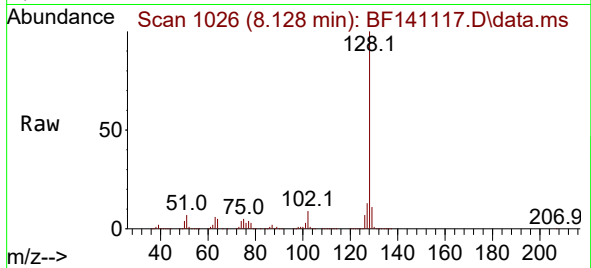




#31
Naphthalene
Concen: 48.495 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

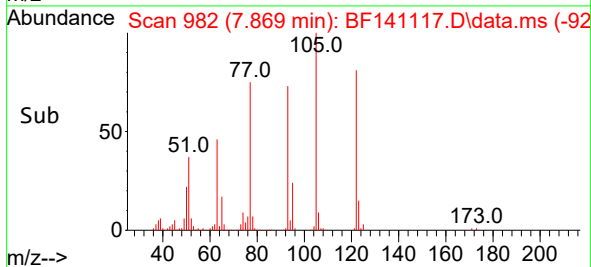
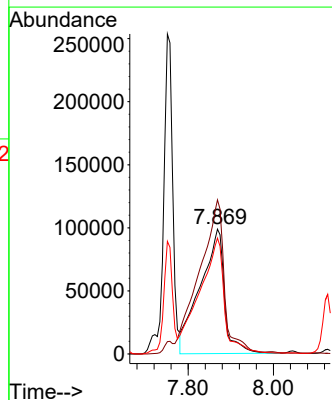
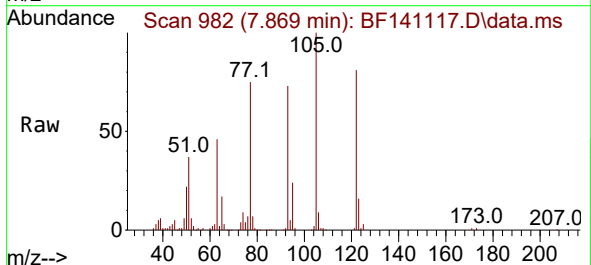
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

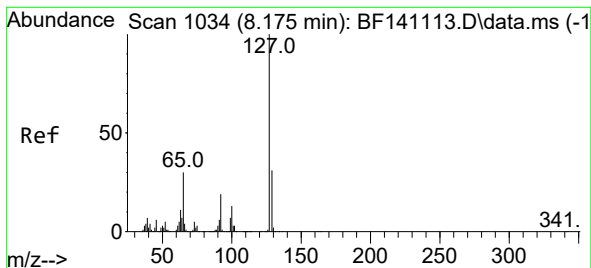
Tgt Ion:128 Resp: 1598576
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 54.138 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:122 Resp: 391608
Ion Ratio Lower Upper
122 100
105 123.5 105.5 145.5
77 92.8 75.1 115.1





#33

4-Chloroaniline

Concen: 47.801 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 544930

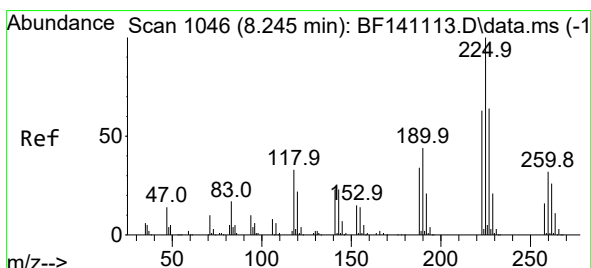
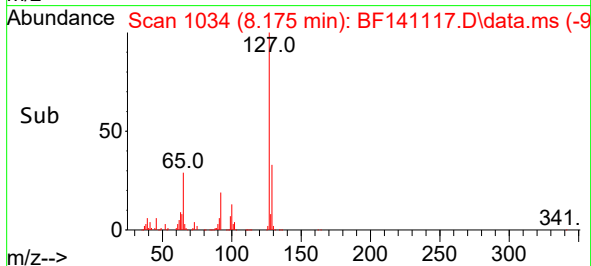
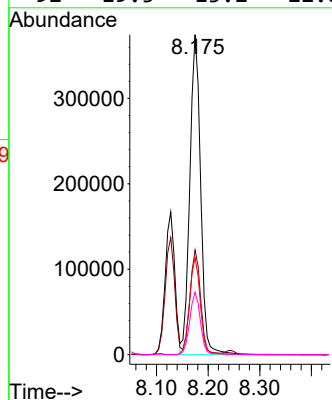
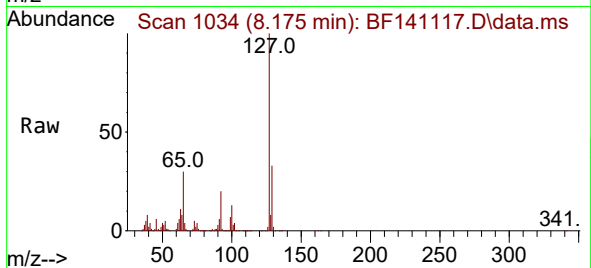
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 30.3 23.8 35.8

92 19.5 15.2 22.8



#34

Hexachlorobutadiene

Concen: 49.102 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

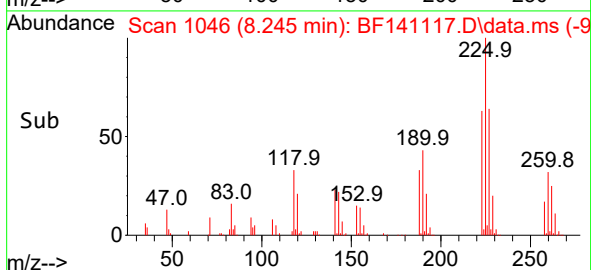
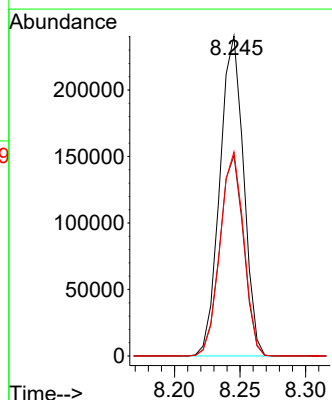
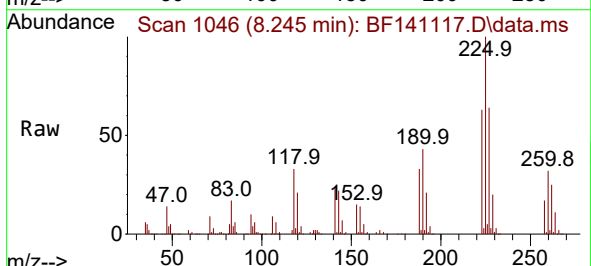
Tgt Ion:225 Resp: 302873

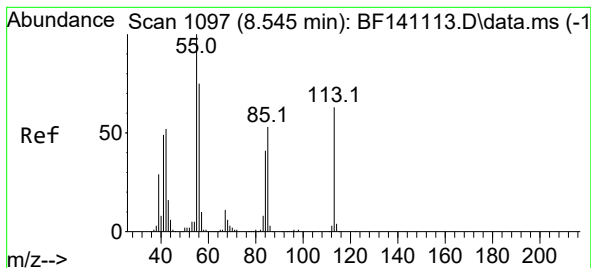
Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

227 63.8 51.6 77.4





#35

Caprolactam

Concen: 50.598 ng

RT: 8.545 min Scan# 1097

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

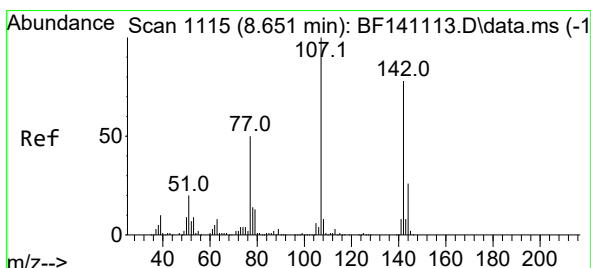
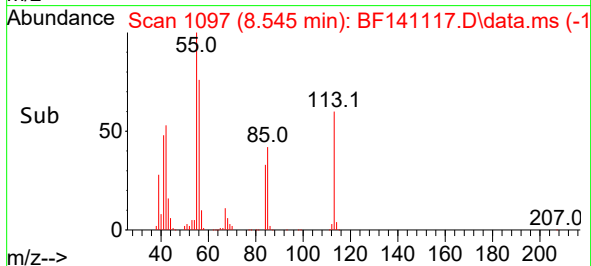
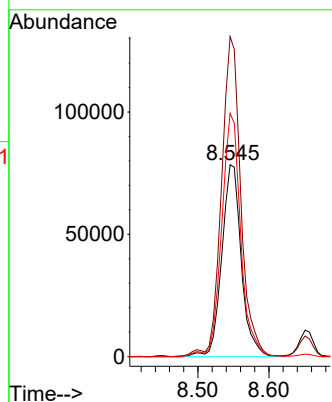
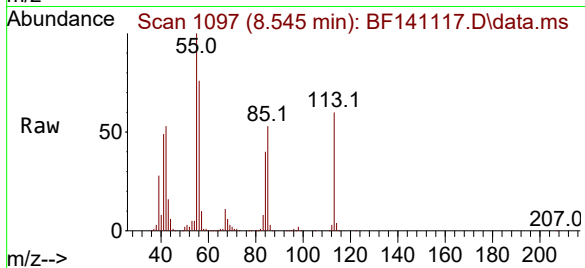
Tgt Ion:113 Resp: 148641

Ion Ratio Lower Upper

113 100

55 166.6 139.7 179.7

56 126.8 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 49.859 ng

RT: 8.651 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

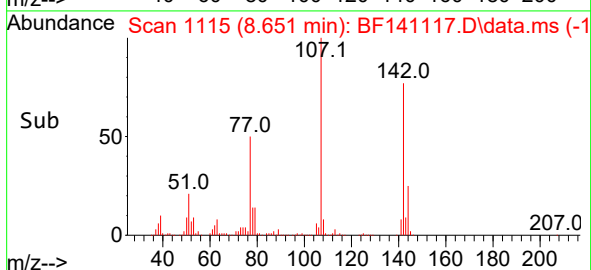
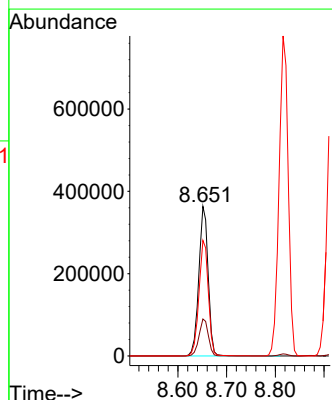
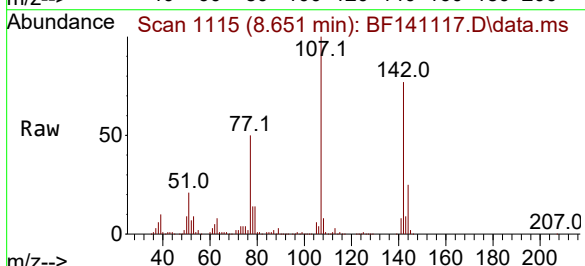
Tgt Ion:107 Resp: 488345

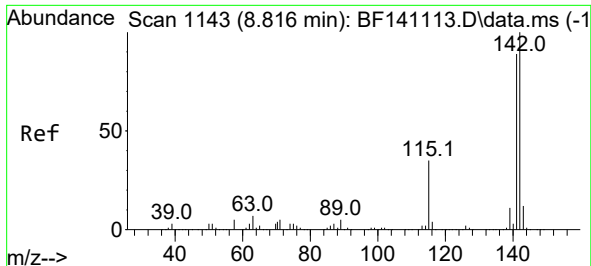
Ion Ratio Lower Upper

107 100

144 24.7 20.4 30.6

142 77.2 62.2 93.2





#37

2-Methylnaphthalene

Concen: 48.619 ng

RT: 8.816 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

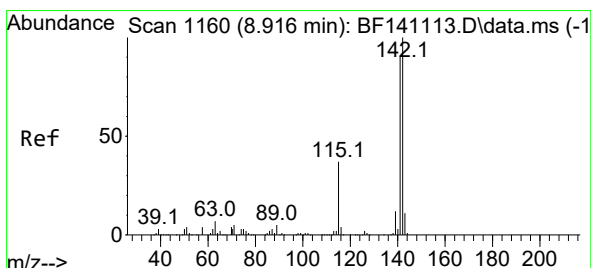
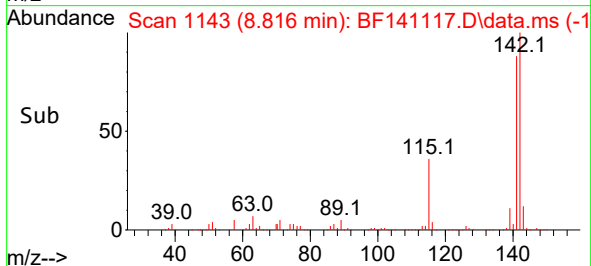
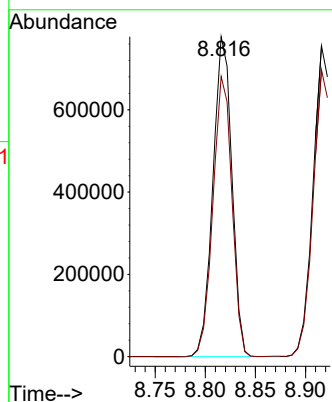
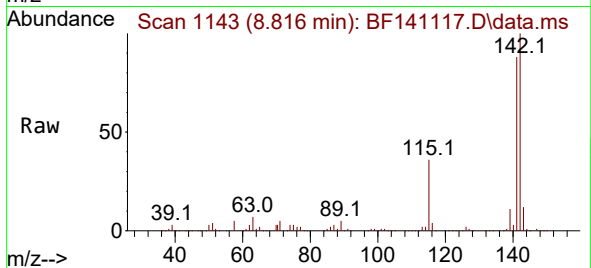
SSTDICC050

Tgt Ion:142 Resp: 1021264

Ion Ratio Lower Upper

142 100

141 87.5 71.3 106.9



#38

1-Methylnaphthalene

Concen: 47.950 ng

RT: 8.916 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF141117.D

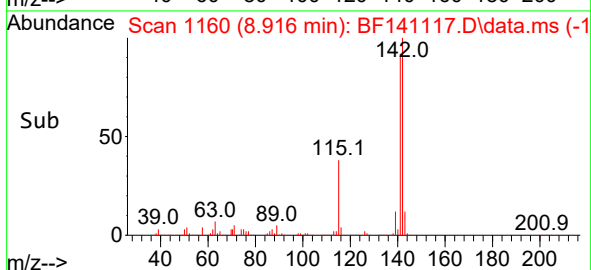
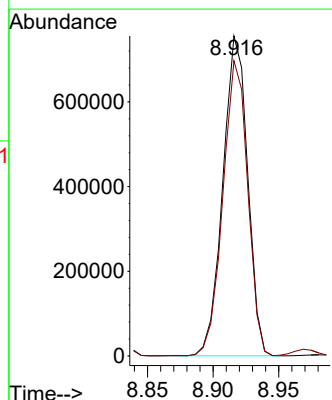
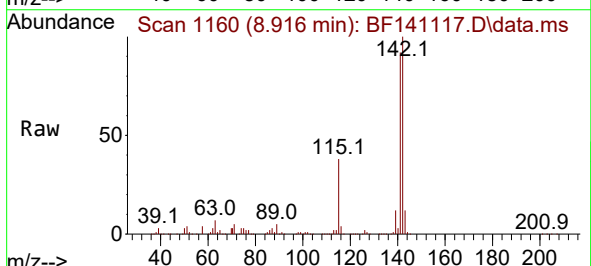
Acq: 10 Jan 2025 16:53

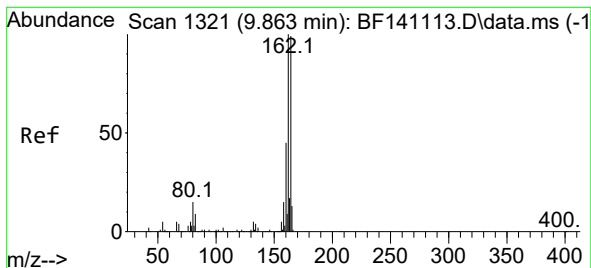
Tgt Ion:142 Resp: 992651

Ion Ratio Lower Upper

142 100

141 92.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

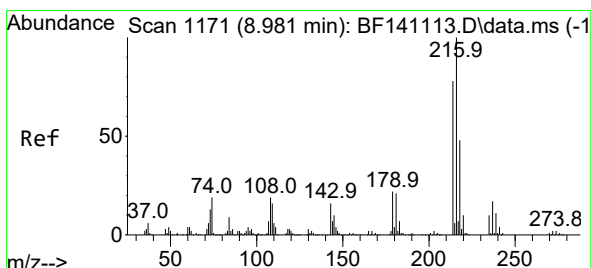
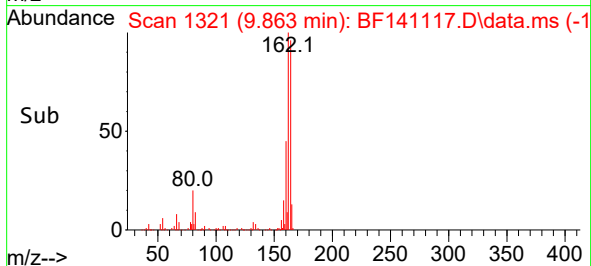
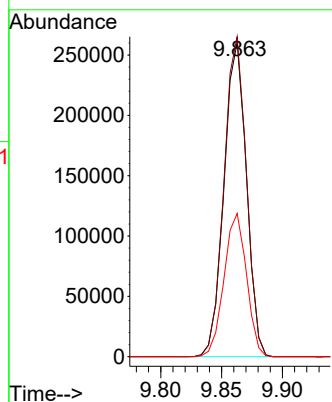
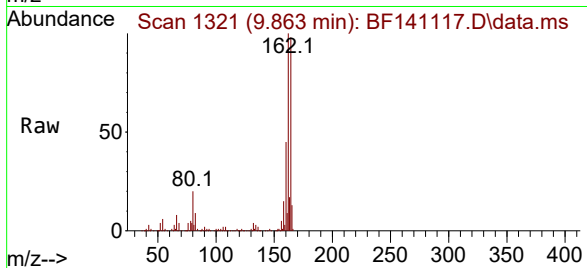
Tgt Ion:164 Resp: 333513

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 45.6 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.082 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Tgt Ion:216 Resp: 460261

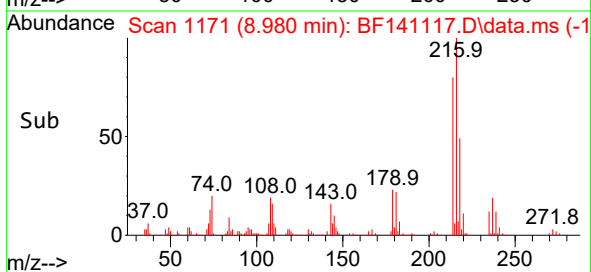
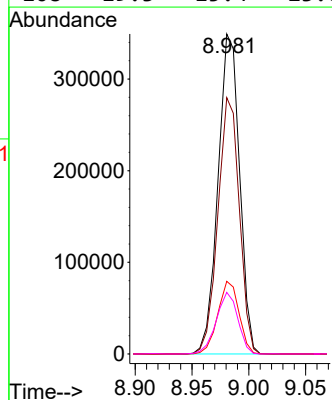
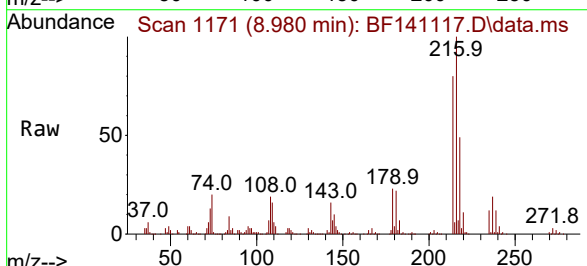
Ion Ratio Lower Upper

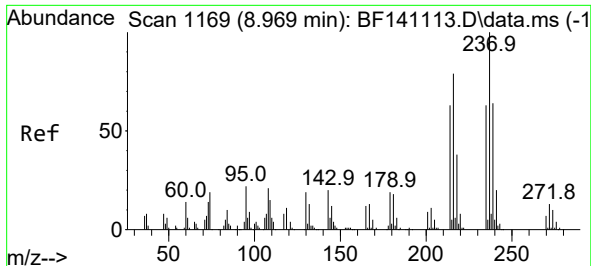
216 100

214 79.7 62.6 94.0

179 22.3 17.7 26.5

108 19.3 15.4 23.0

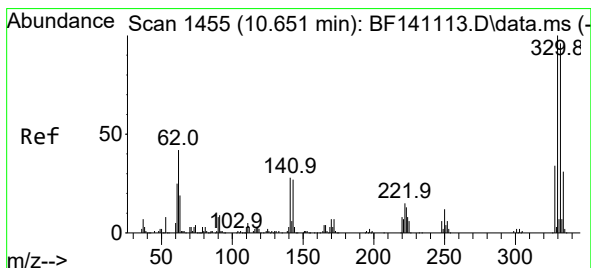
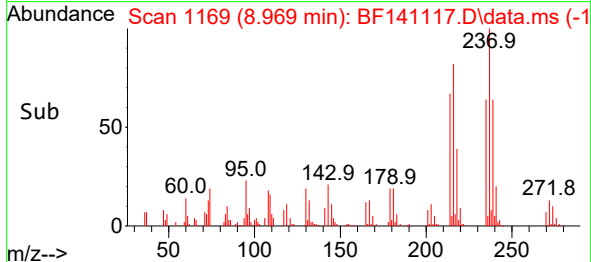
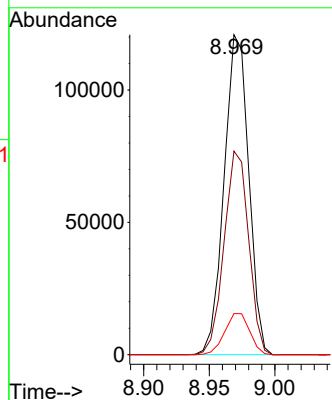
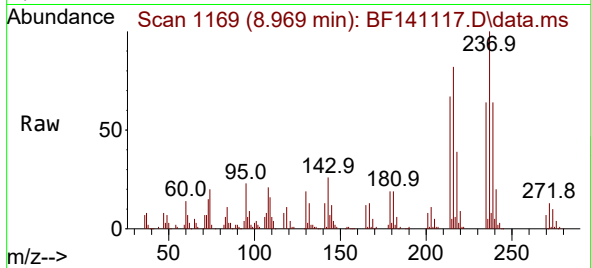




#41
Hexachlorocyclopentadiene
Concen: 50.395 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

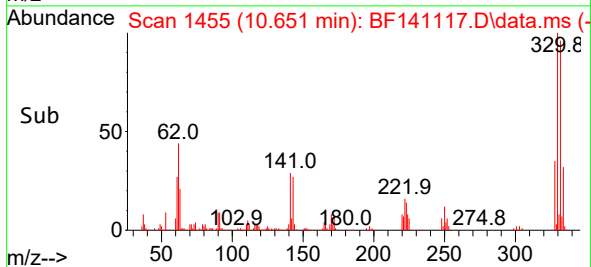
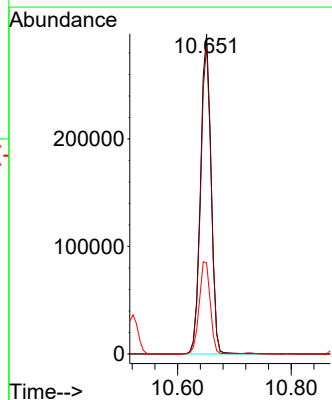
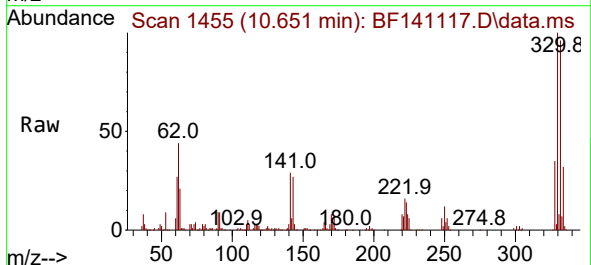
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

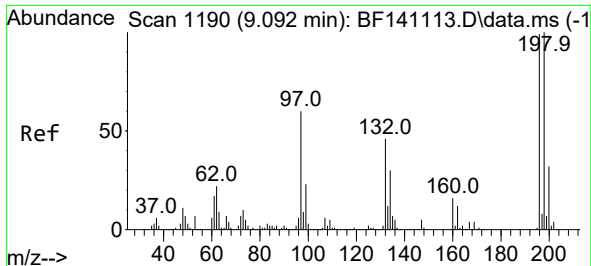
Tgt Ion:237 Resp: 157828
Ion Ratio Lower Upper
237 100
235 63.6 43.0 83.0
272 12.8 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 101.033 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:330 Resp: 383942
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 30.2 25.2 37.8

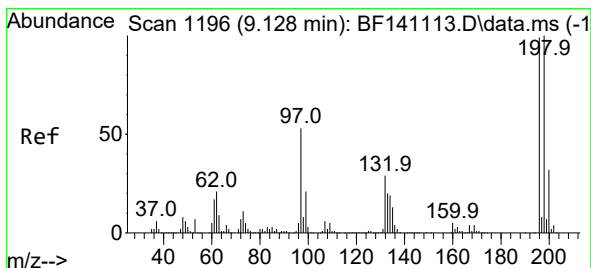
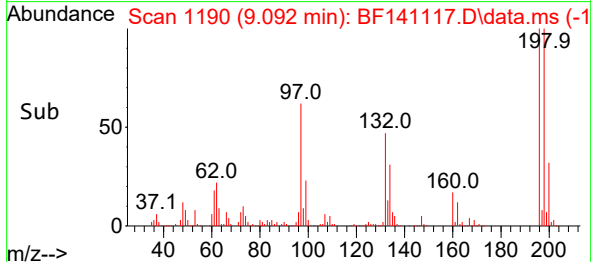
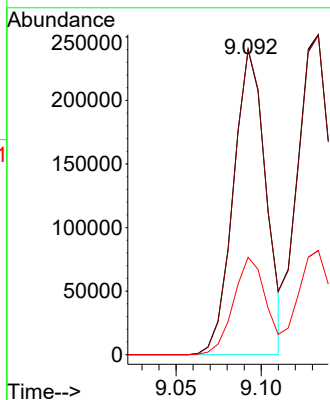
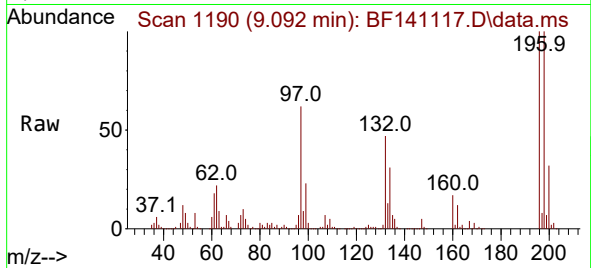




#43
 2,4,6-Trichlorophenol
 Concen: 49.299 ng
 RT: 9.092 min Scan# 1190
 Delta R.T. -0.000 min
 Lab File: BF141117.D
 Acq: 10 Jan 2025 16:53

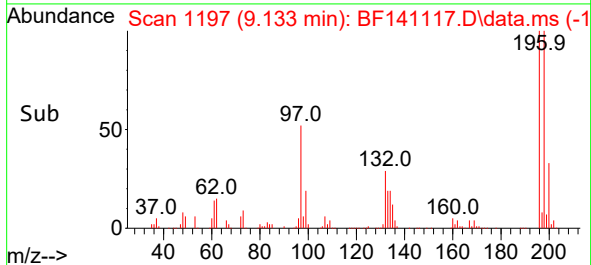
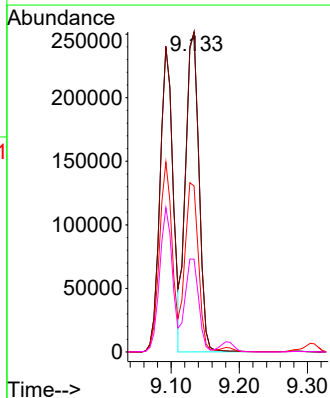
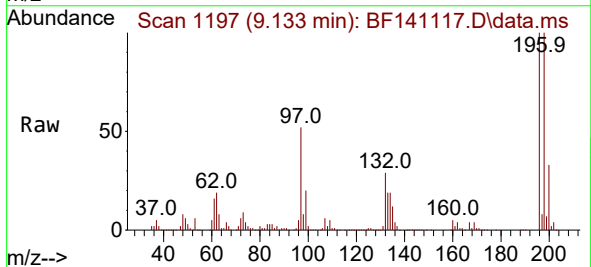
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

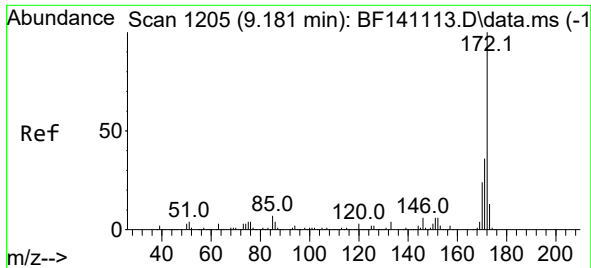
Tgt Ion:196 Resp: 318276
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.8 121.2
 200 32.0 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 50.201 ng
 RT: 9.133 min Scan# 1197
 Delta R.T. 0.006 min
 Lab File: BF141117.D
 Acq: 10 Jan 2025 16:53

Tgt Ion:196 Resp: 342288
 Ion Ratio Lower Upper
 196 100
 198 99.9 80.6 120.8
 97 51.9 43.1 64.7
 132 29.0 24.3 36.5

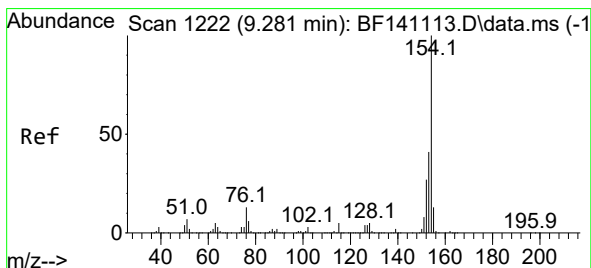
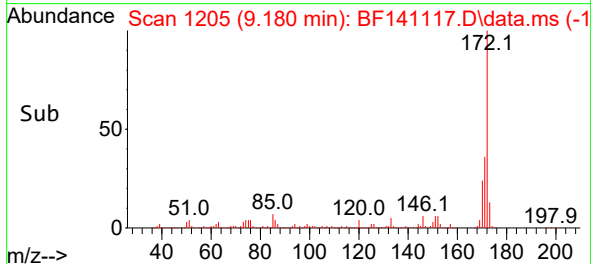
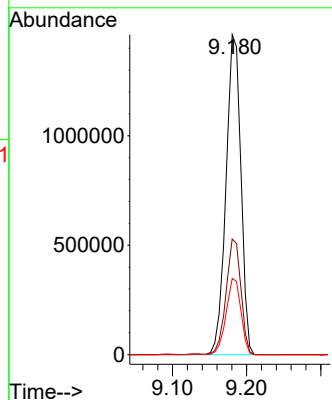
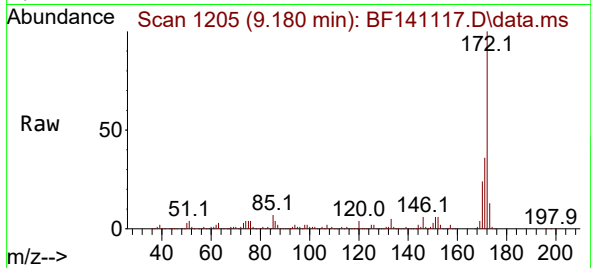




#45
2-Fluorobiphenyl
Concen: 93.427 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

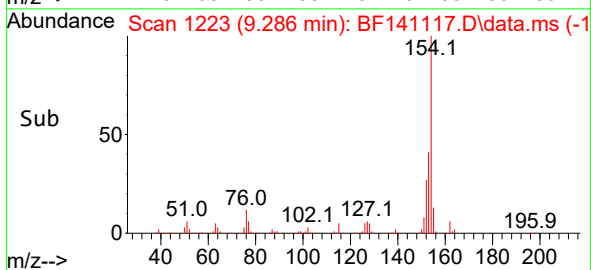
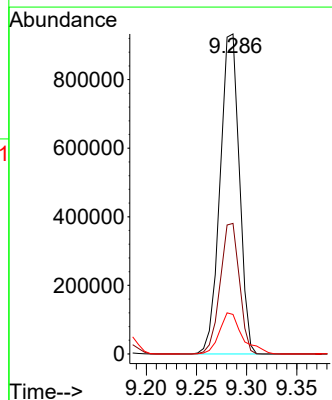
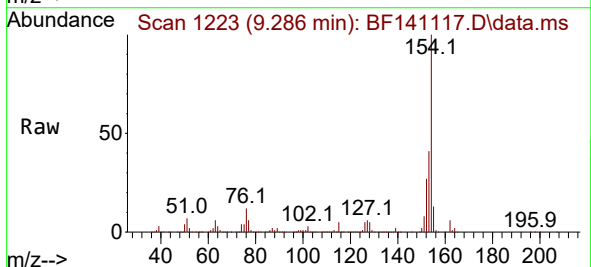
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

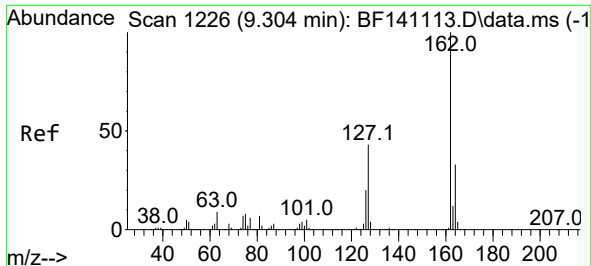
Tgt Ion:172 Resp: 2040487
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 48.003 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:154 Resp: 1243305
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.4 0.0 33.1

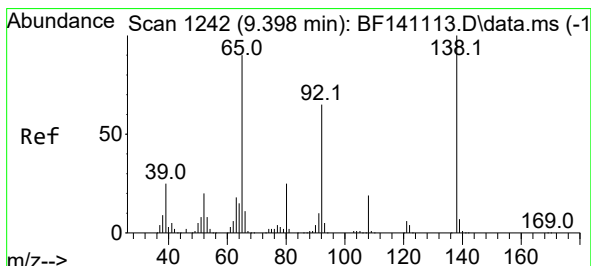
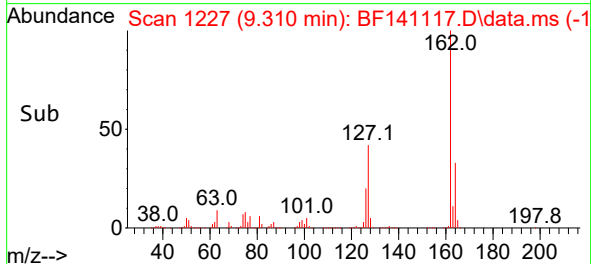
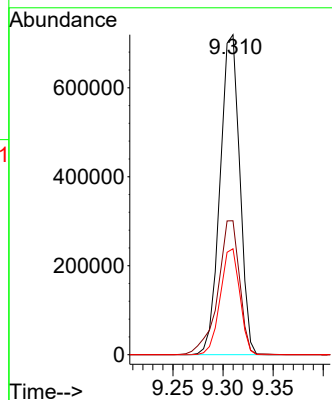
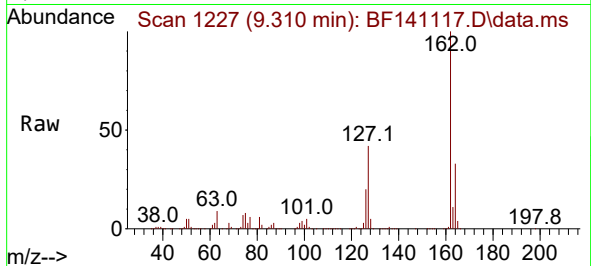




#47
2-Chloronaphthalene
Concen: 48.530 ng
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

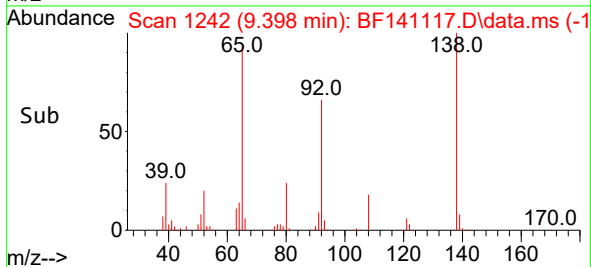
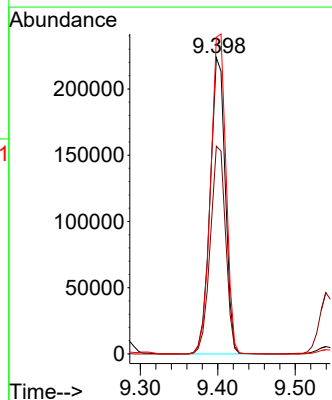
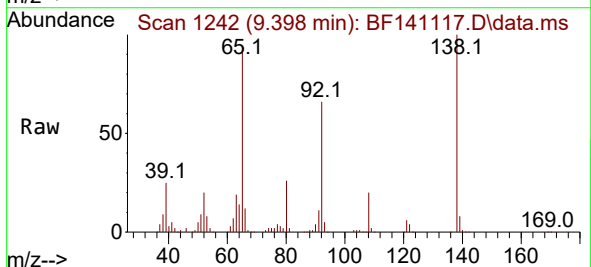
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

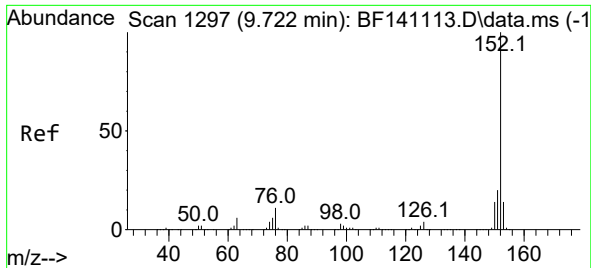
Tgt Ion:162 Resp: 979002
Ion Ratio Lower Upper
162 100
127 41.9 34.6 51.8
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 50.844 ng
RT: 9.398 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion: 65 Resp: 304048
Ion Ratio Lower Upper
65 100
92 70.1 58.3 87.5
138 106.9 89.1 133.7

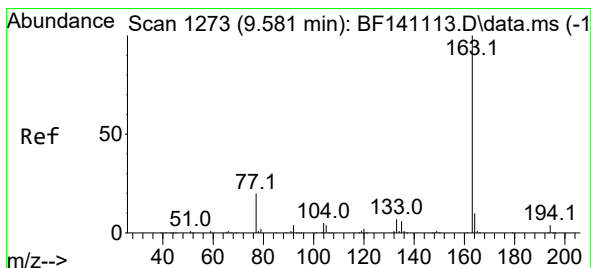
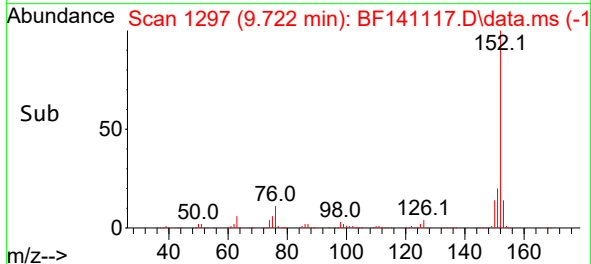
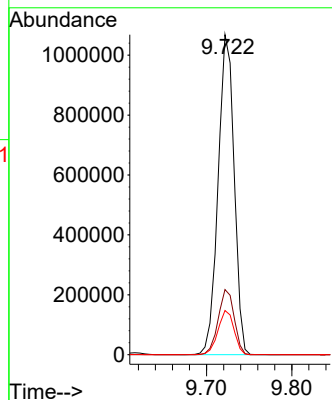
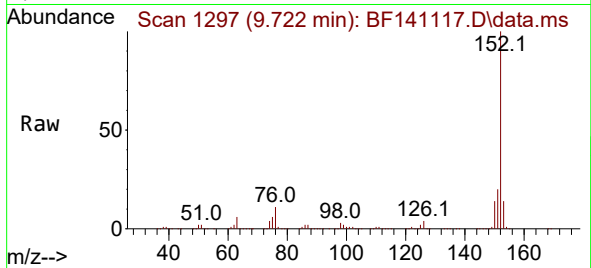




#49
Acenaphthylene
Concen: 48.539 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

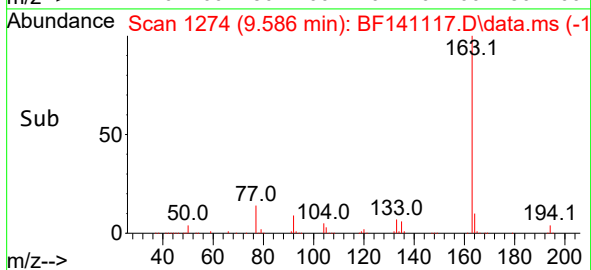
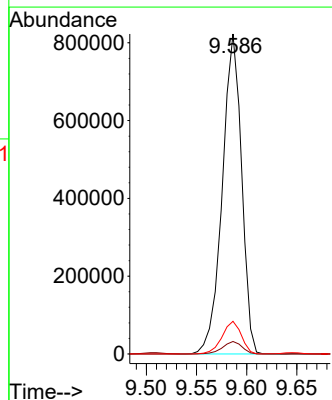
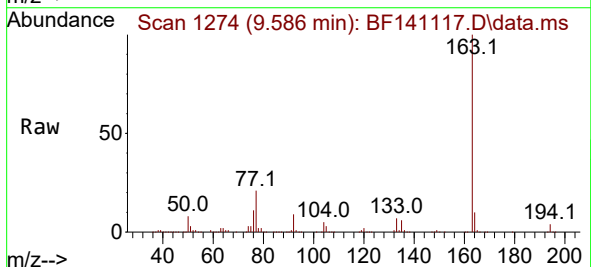
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

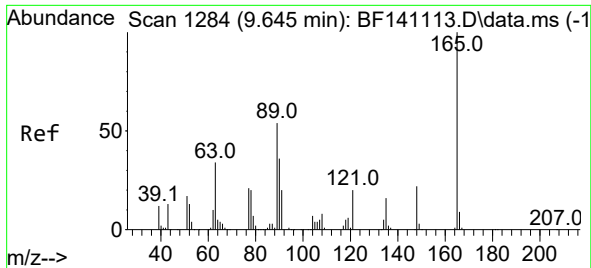
Tgt Ion:152 Resp: 1398990
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.8 11.1 16.7



#50
Dimethylphthalate
Concen: 49.076 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:163 Resp: 1098805
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.4

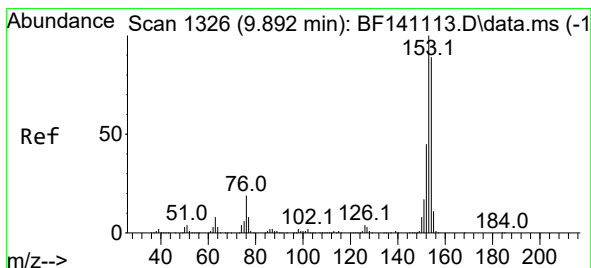
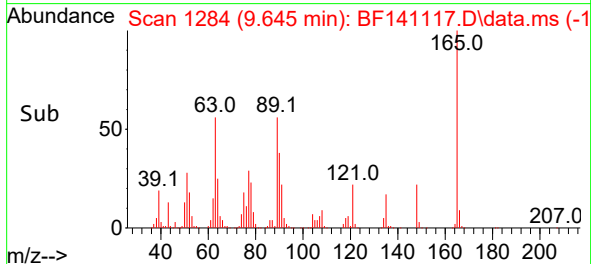
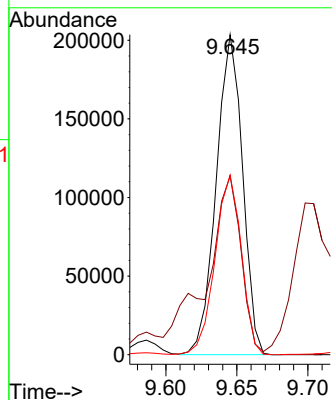
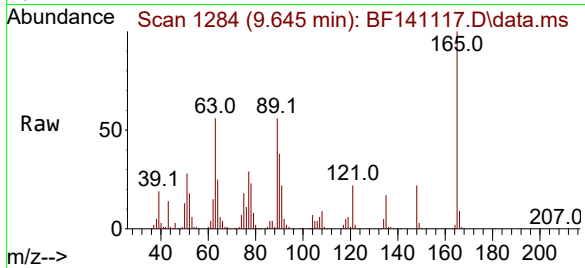




#51
2,6-Dinitrotoluene
Concen: 50.434 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

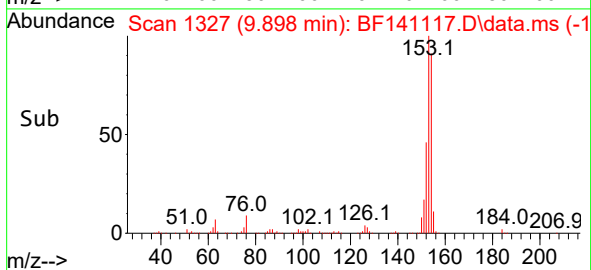
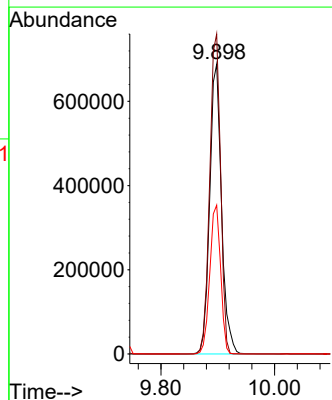
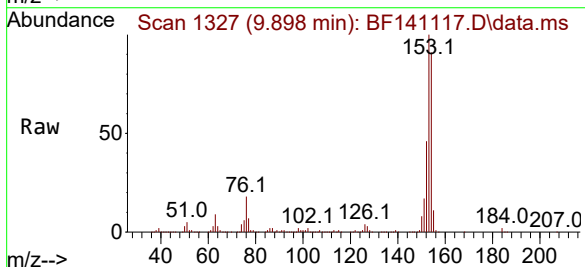
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

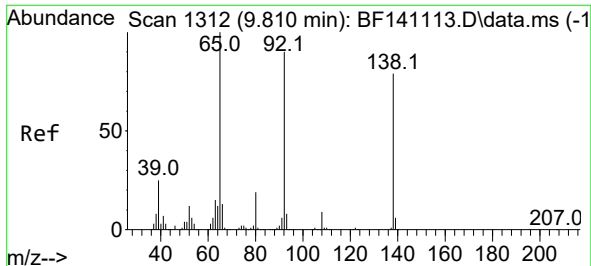
Tgt Ion:165 Resp: 262596
Ion Ratio Lower Upper
165 100
63 55.8 42.3 63.5
89 56.1 43.1 64.7



#52
Acenaphthene
Concen: 49.066 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:154 Resp: 988008
Ion Ratio Lower Upper
154 100
153 110.4 89.8 134.6
152 51.3 40.8 61.2

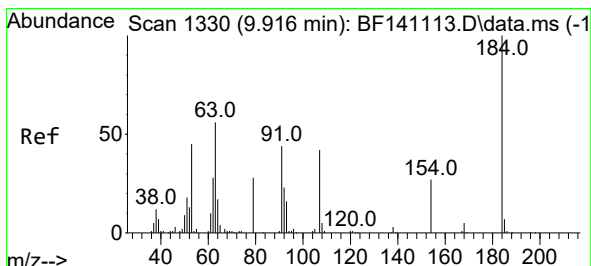
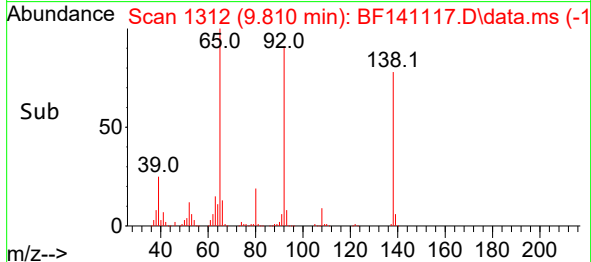
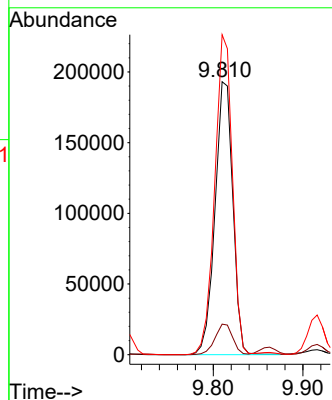
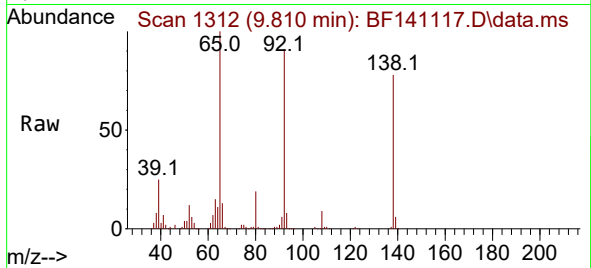




#53
3-Nitroaniline
Concen: 50.440 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

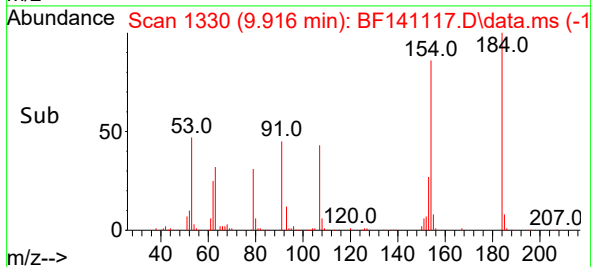
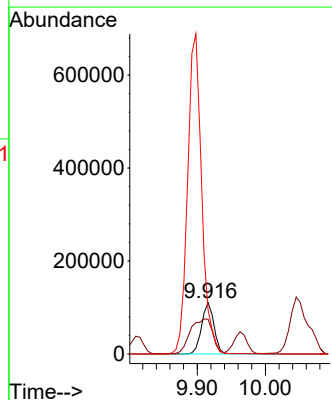
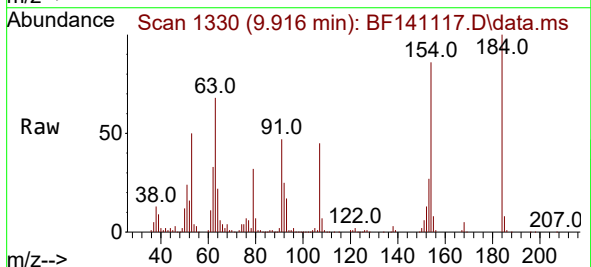
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

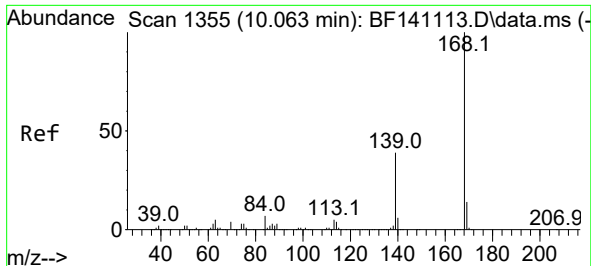
Tgt Ion:138 Resp: 266881
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 117.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 56.530 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:184 Resp: 139903
Ion Ratio Lower Upper
184 100
63 67.8 48.7 73.1
154 86.2 57.1 85.7#

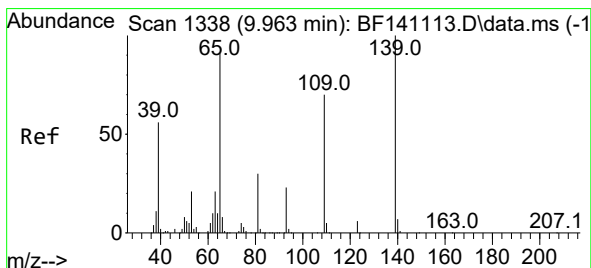
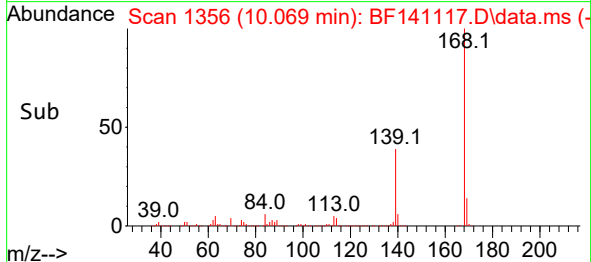
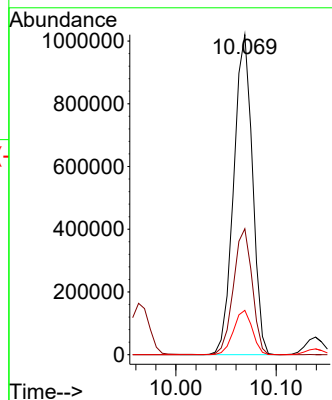
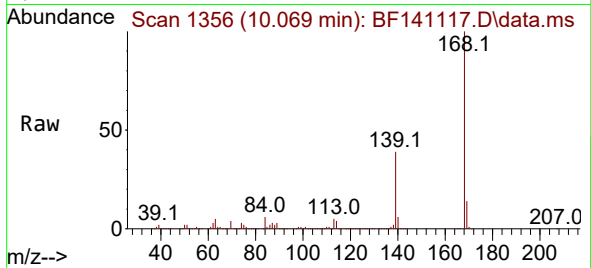




#55
Dibenzenofuran
Concen: 48.261 ng
RT: 10.069 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

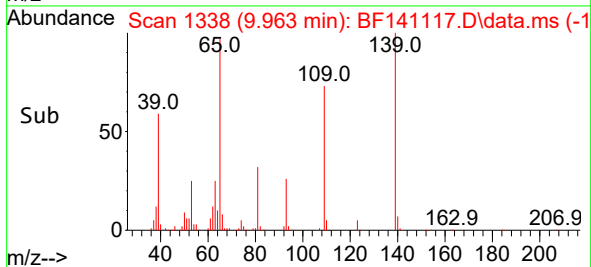
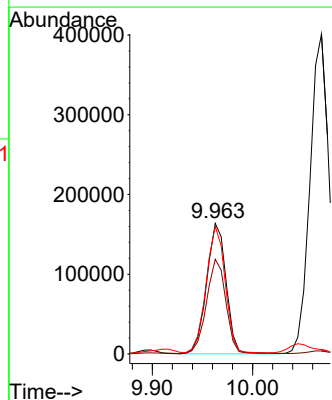
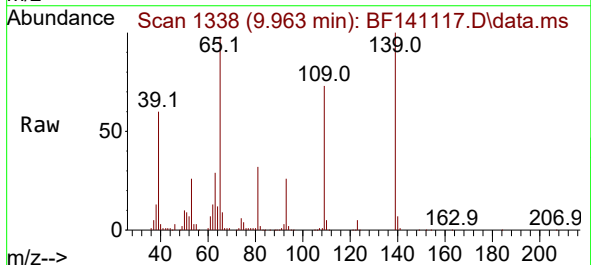
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

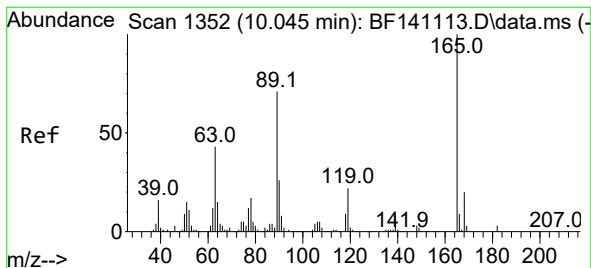
Tgt Ion:168 Resp: 1321844
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.0
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 53.183 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:139 Resp: 220382
Ion Ratio Lower Upper
139 100
109 72.5 50.2 90.2
65 97.7 72.1 112.1

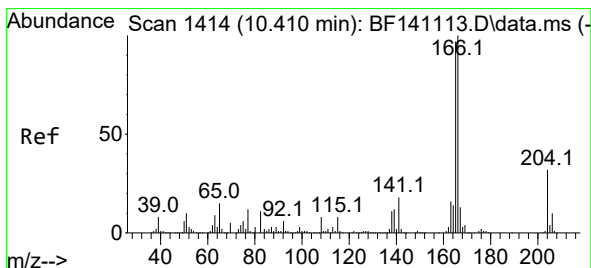
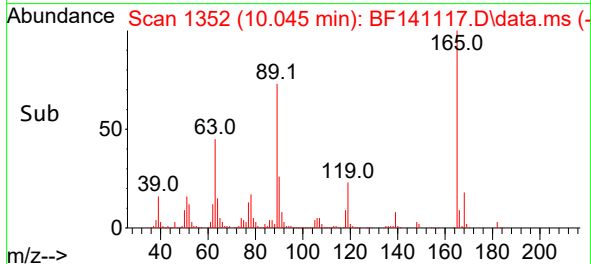
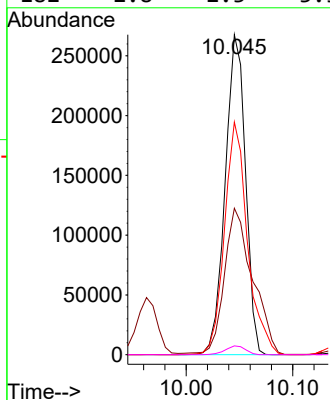
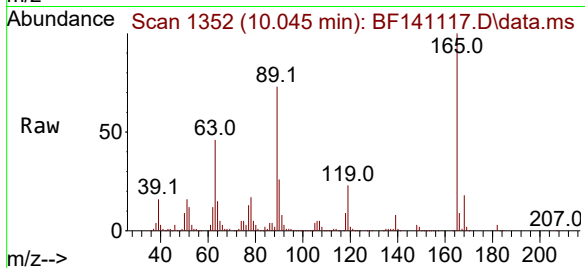




#57
2,4-Dinitrotoluene
Concen: 52.728 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

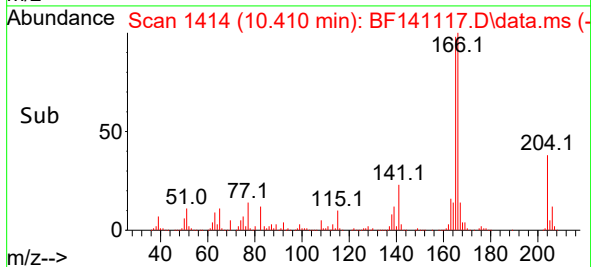
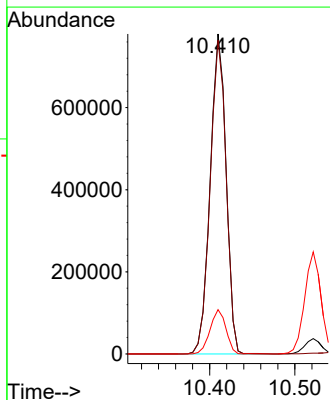
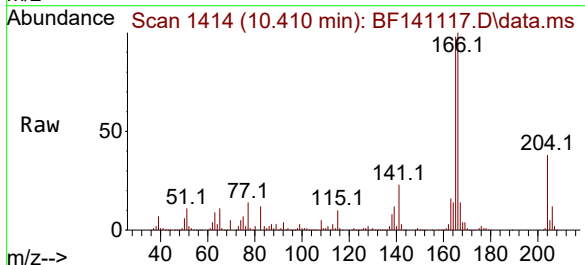
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

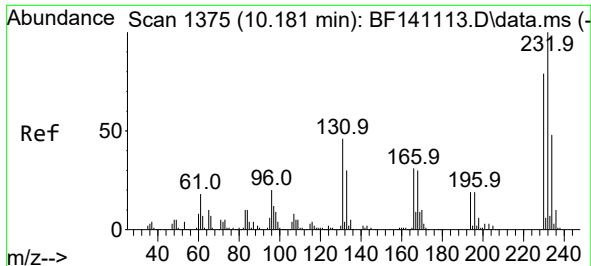
Tgt Ion:165 Resp: 353808
Ion Ratio Lower Upper
165 100
63 45.8 35.0 52.4
89 72.7 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 47.543 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:166 Resp: 1011650
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.8 10.8 16.2

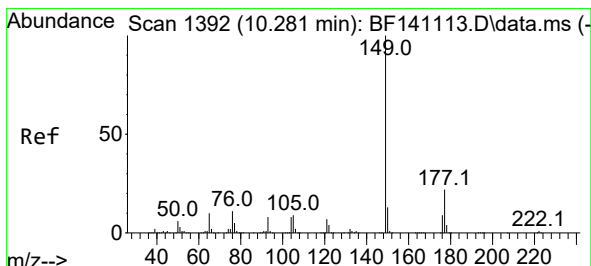
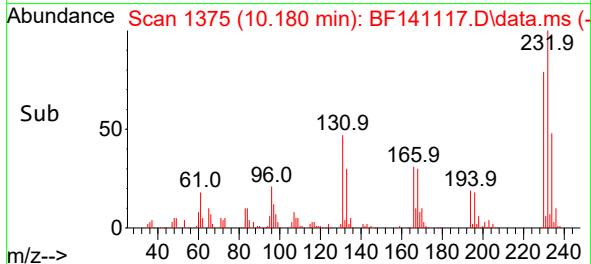
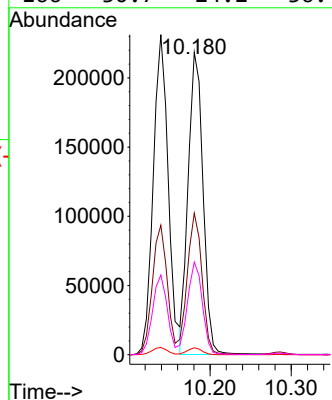
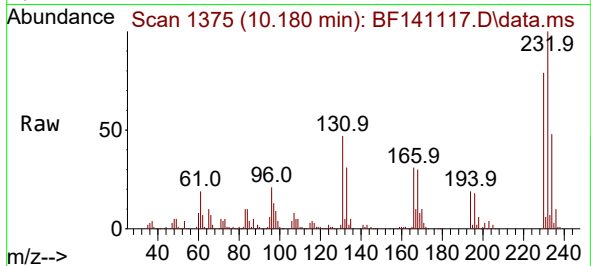




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.019 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

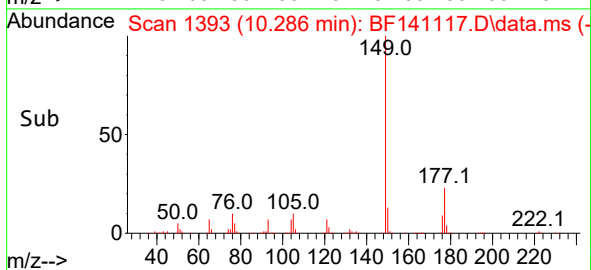
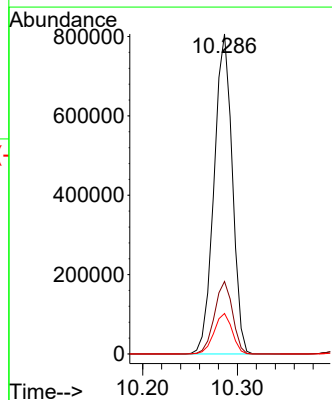
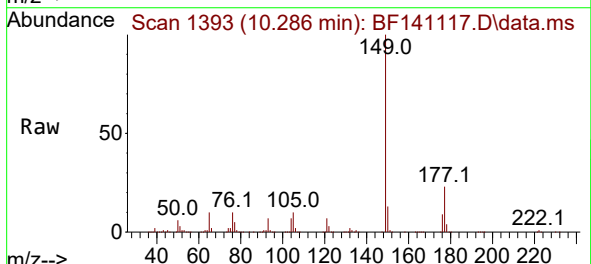
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

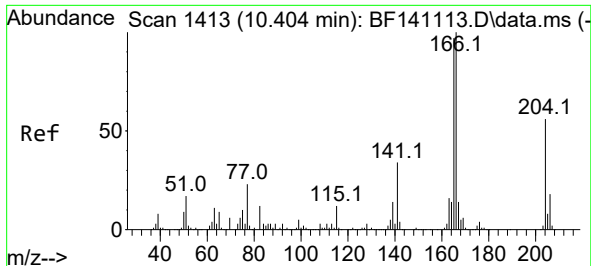
Tgt Ion:232 Resp: 277818
Ion Ratio Lower Upper
232 100
131 46.8 36.2 54.4
130 2.3 2.0 3.0
166 30.7 24.2 36.4



#60
Diethylphthalate
Concen: 49.171 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:149 Resp: 1074789
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.6 10.2 15.2

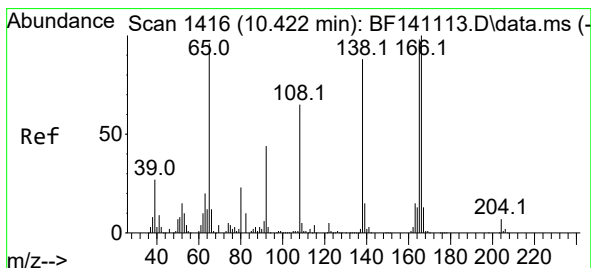
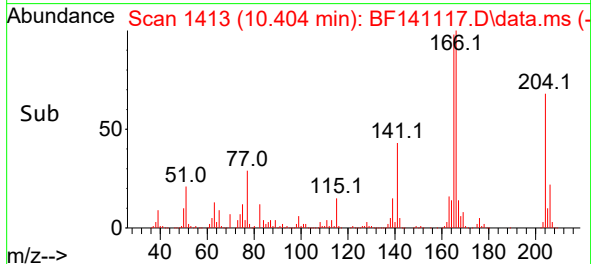
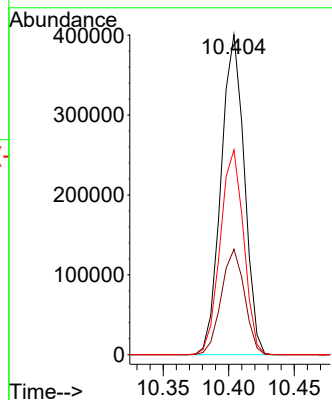
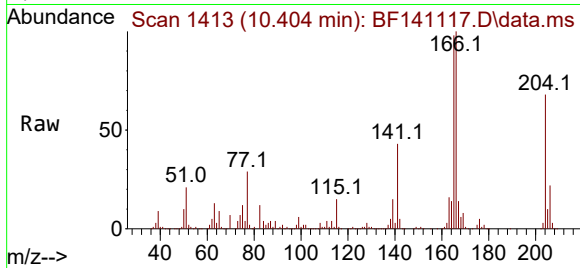




#61
4-Chlorophenyl-phenylether
Concen: 47.665 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

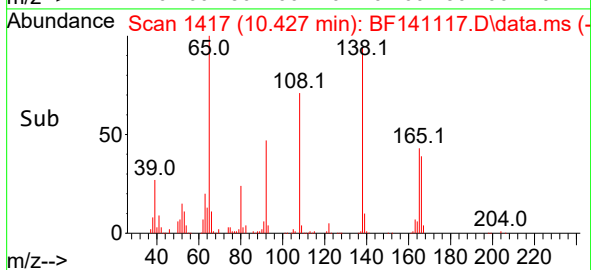
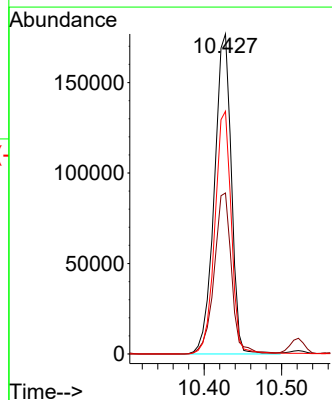
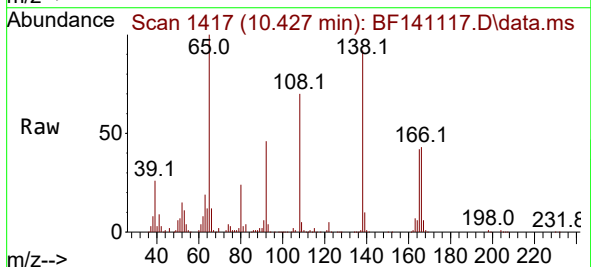
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

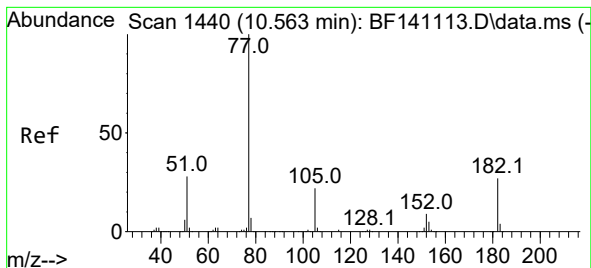
Tgt Ion:204 Resp: 494329
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 64.0 49.1 73.7



#62
4-Nitroaniline
Concen: 52.024 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:138 Resp: 269415
Ion Ratio Lower Upper
138 100
92 50.3 29.4 69.4
108 75.9 53.7 93.7





#63

Azobenzene

Concen: 48.881 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 1054277

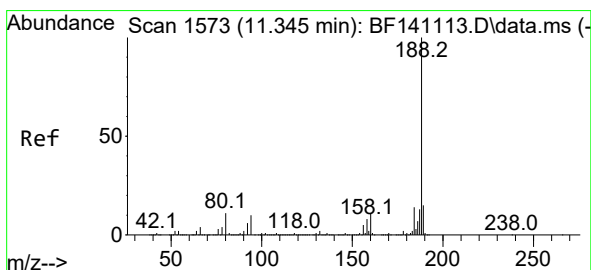
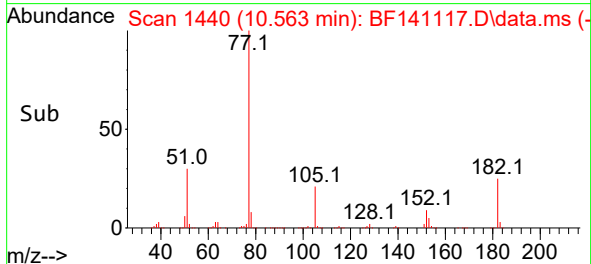
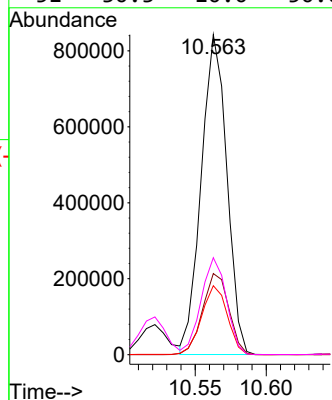
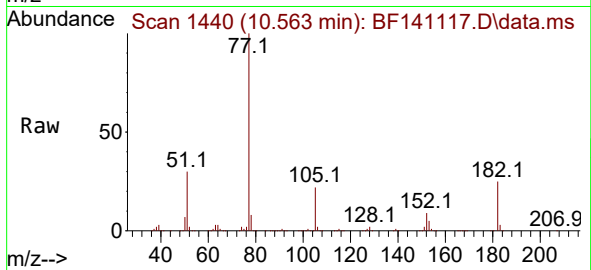
Ion Ratio Lower Upper

77 100

182 25.4 6.1 46.1

105 21.6 2.1 42.1

51 30.3 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

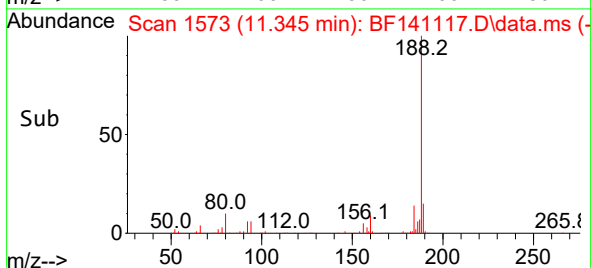
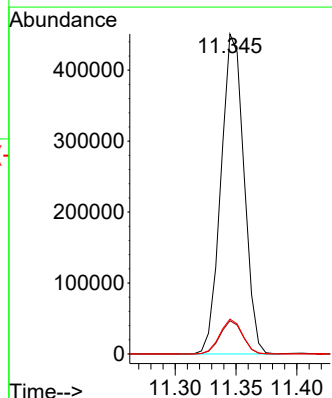
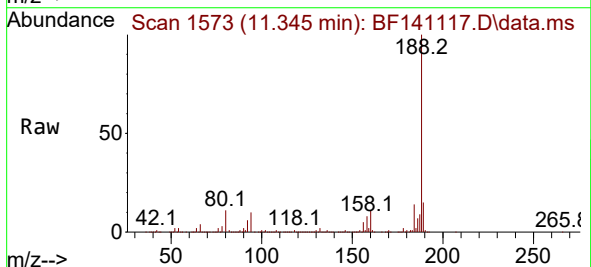
Tgt Ion:188 Resp: 593257

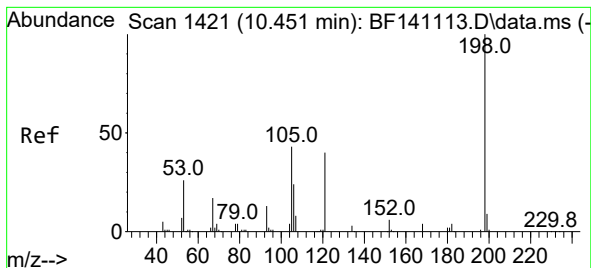
Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 10.9 9.0 13.4

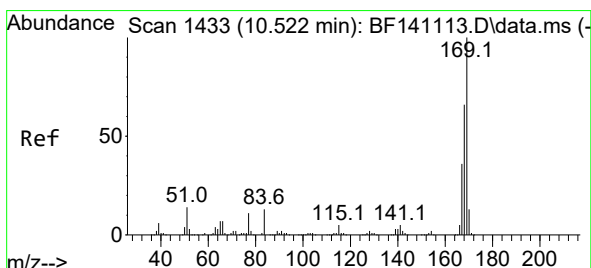
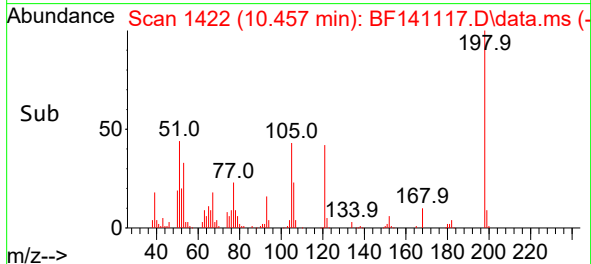
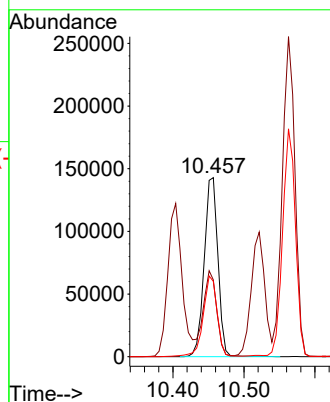
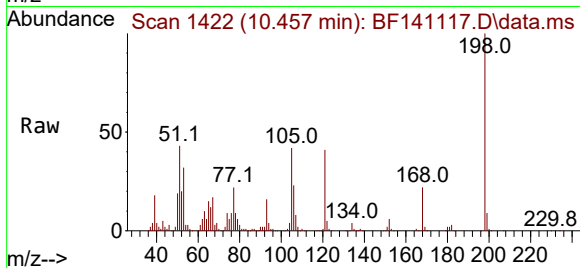




#65
4,6-Dinitro-2-methylphenol
Concen: 55.890 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

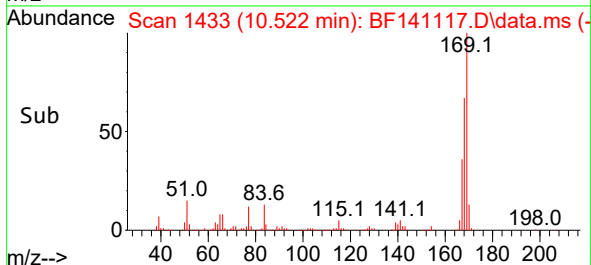
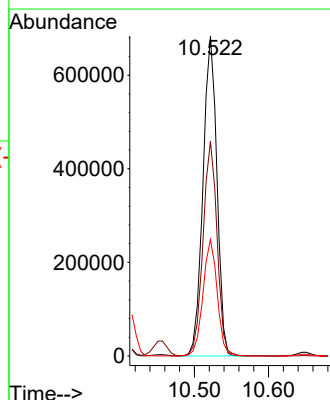
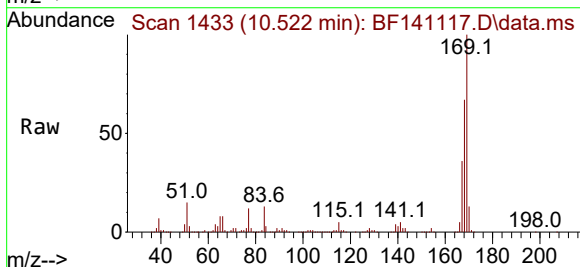
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

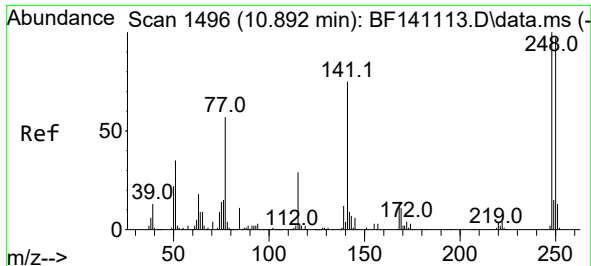
Tgt Ion:198 Resp: 192136
Ion Ratio Lower Upper
198 100
51 42.9 27.1 67.1
105 42.1 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 46.748 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:169 Resp: 894530
Ion Ratio Lower Upper
169 100
168 67.0 52.5 78.7
167 36.4 28.9 43.3

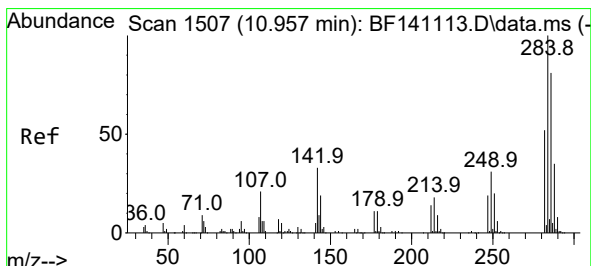
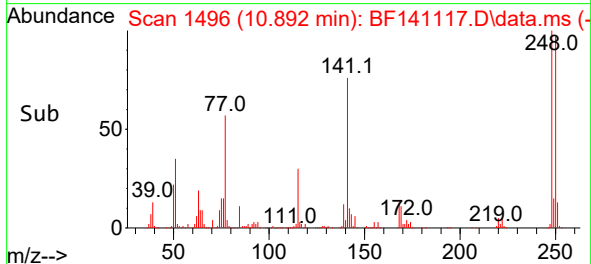
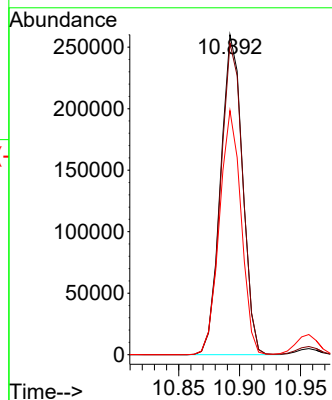
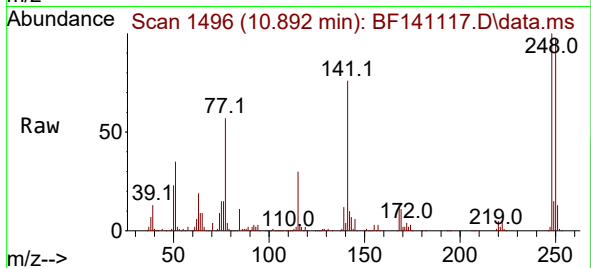




#67
4-Bromophenyl-phenylether
Concen: 47.810 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

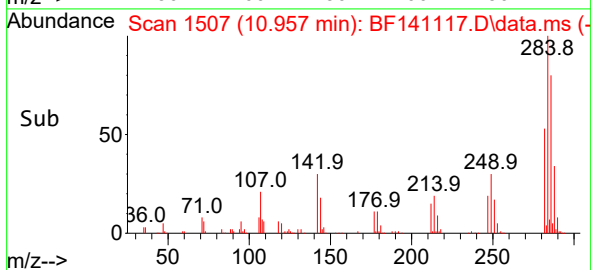
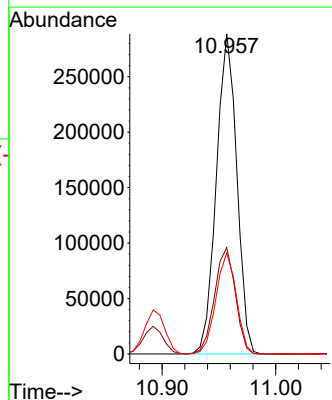
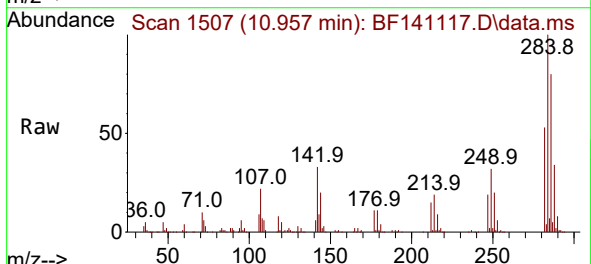
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

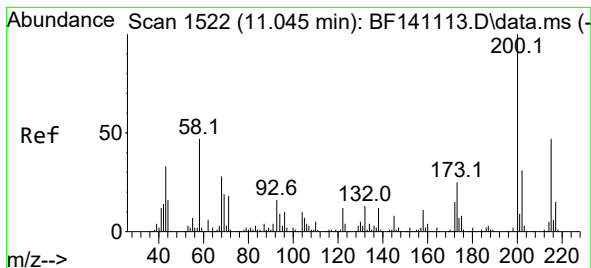
Tgt Ion:248 Resp: 326554
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 76.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 47.551 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:284 Resp: 361542
Ion Ratio Lower Upper
284 100
142 33.2 26.3 39.5
249 31.5 24.9 37.3





#69

Atrazine

Concen: 52.837 ng

RT: 11.051 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

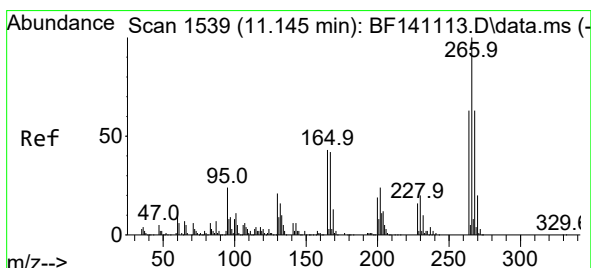
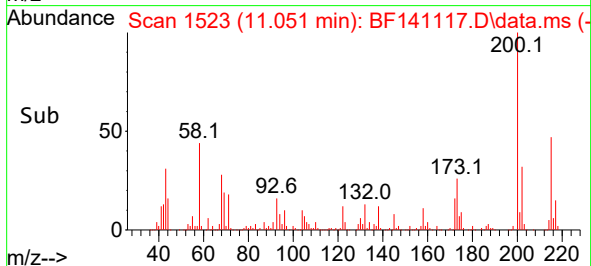
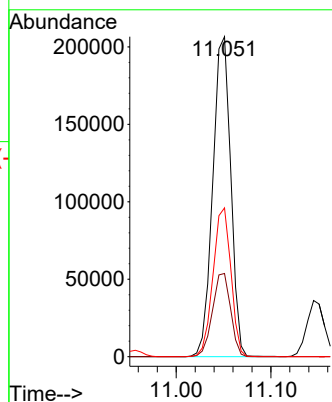
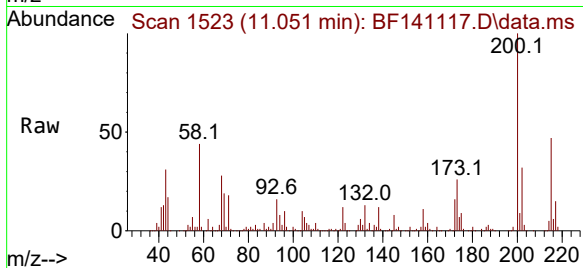
Tgt Ion:200 Resp: 272232

Ion Ratio Lower Upper

200 100

173 26.0 5.4 45.4

215 46.5 26.6 66.6



#70

Pentachlorophenol

Concen: 51.422 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

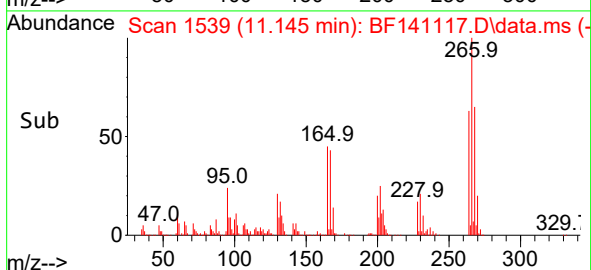
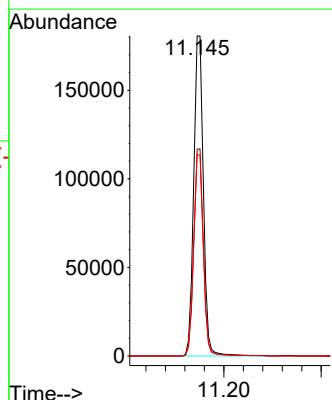
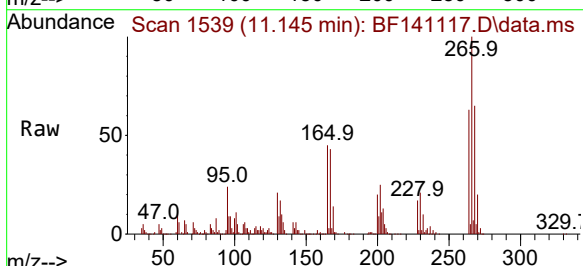
Tgt Ion:266 Resp: 250381

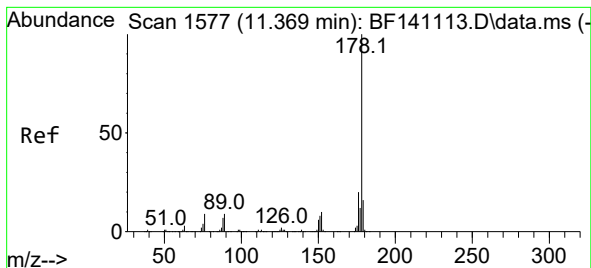
Ion Ratio Lower Upper

266 100

268 64.6 50.4 75.6

264 63.1 50.2 75.2





#71

Phenanthrene

Concen: 47.203 ng

RT: 11.374 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

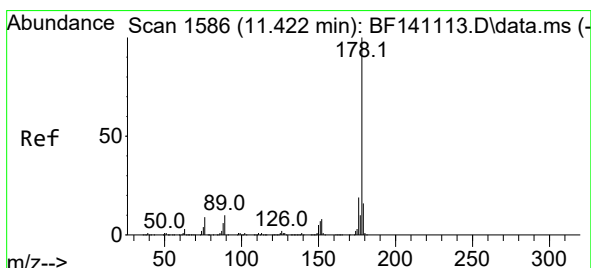
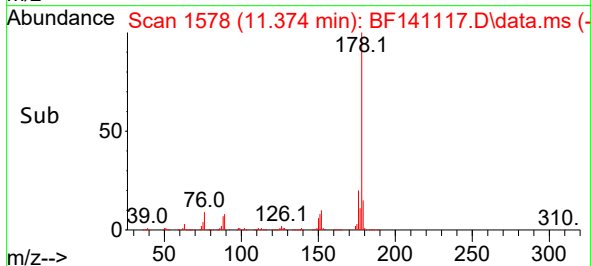
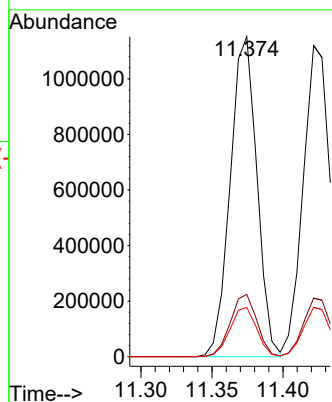
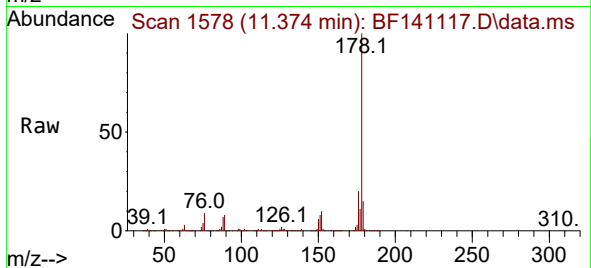
Tgt Ion:178 Resp: 1503408

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.4 12.6 19.0



#72

Anthracene

Concen: 47.589 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

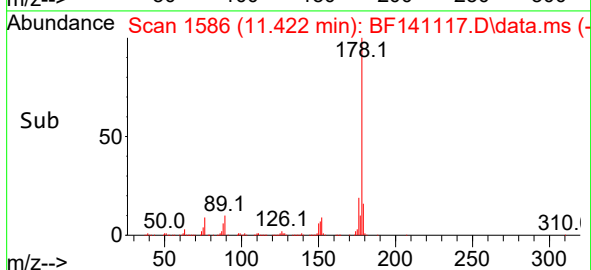
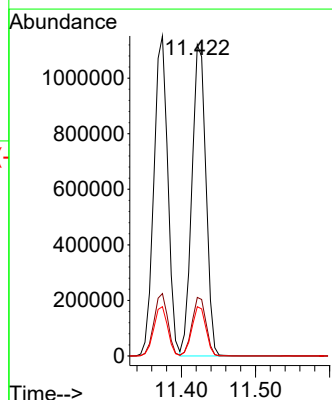
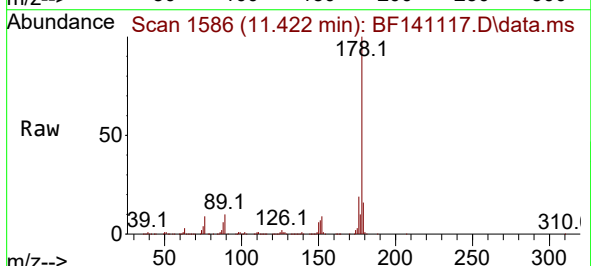
Tgt Ion:178 Resp: 1473797

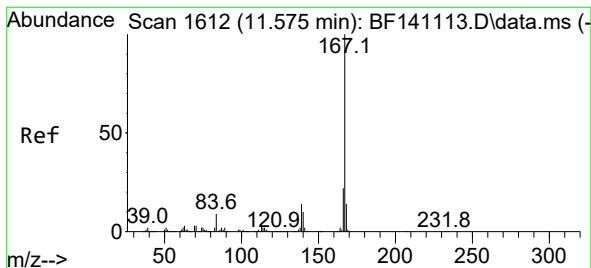
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.9 12.6 19.0





#73

Carbazole

Concen: 48.815 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

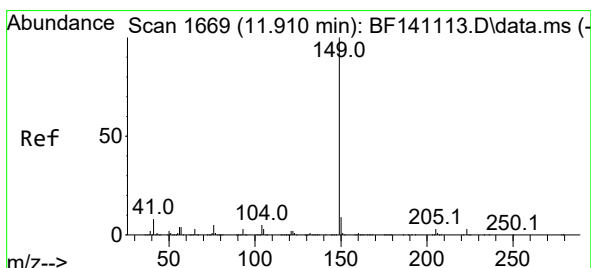
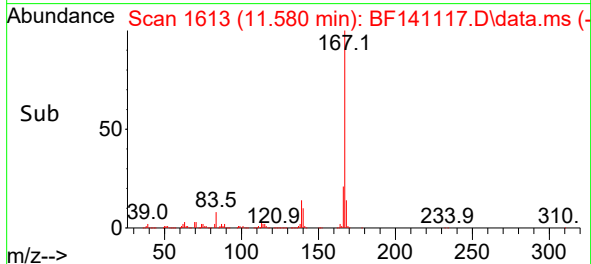
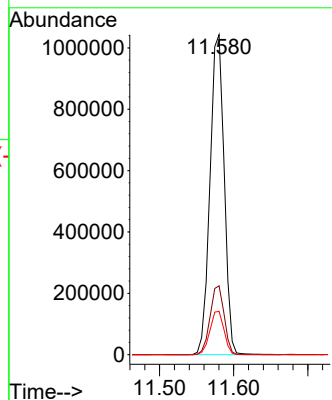
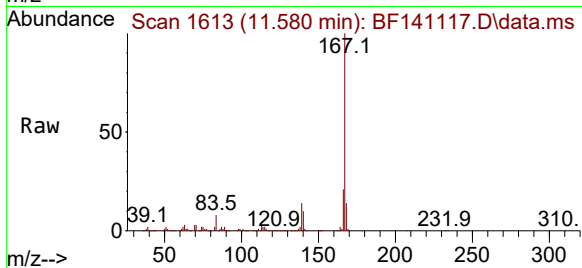
Tgt Ion:167 Resp: 1386206

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 49.255 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.006 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

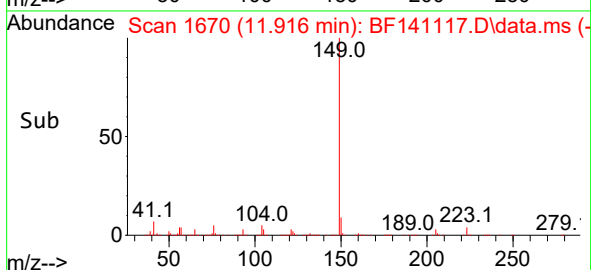
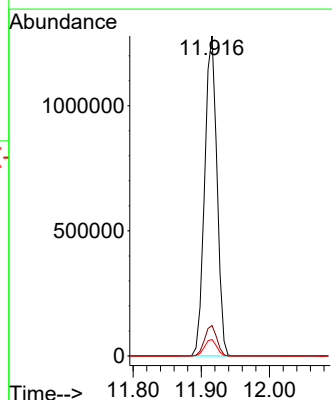
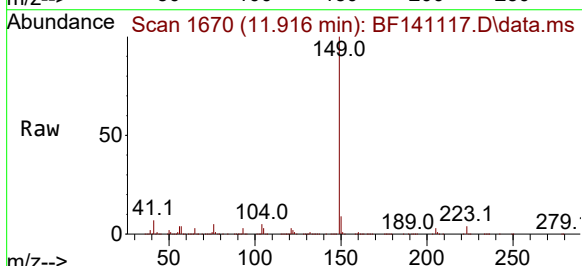
Tgt Ion:149 Resp: 1600680

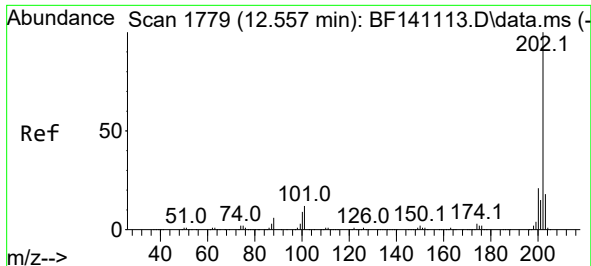
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.2 4.2 6.2

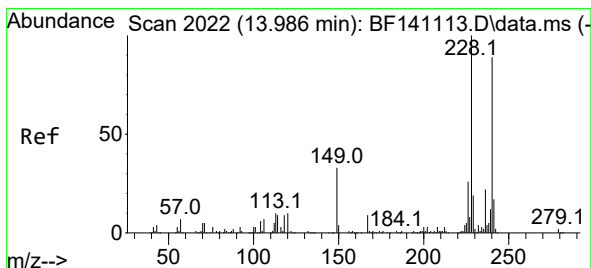
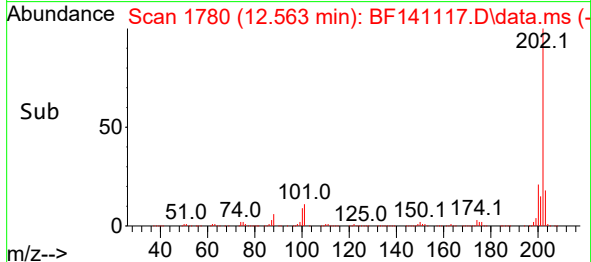
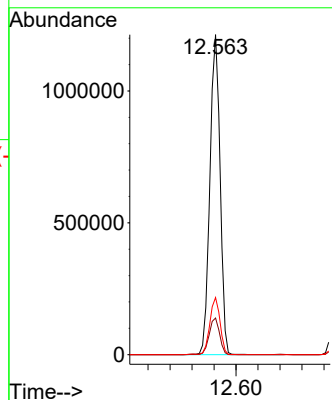
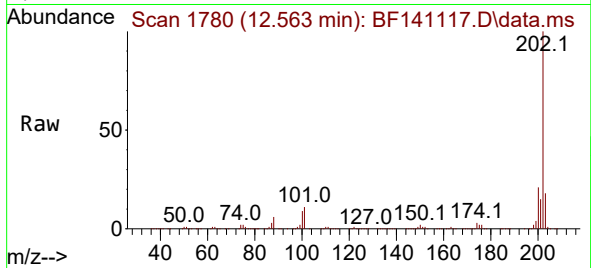




#75
Fluoranthene
Concen: 49.037 ng
RT: 12.563 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

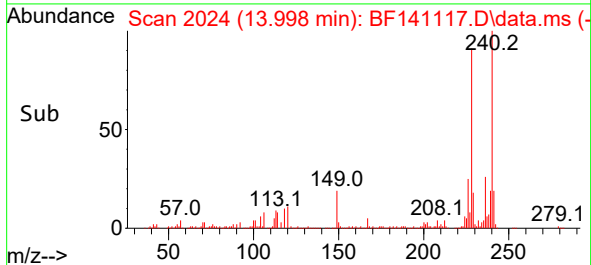
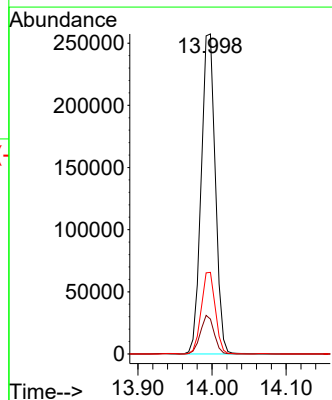
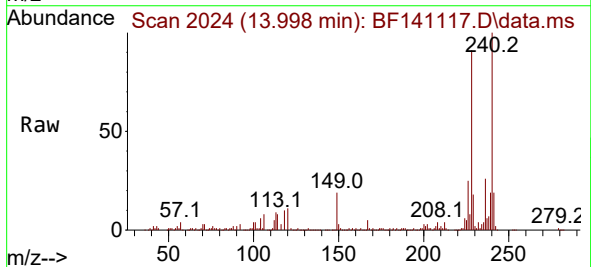
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

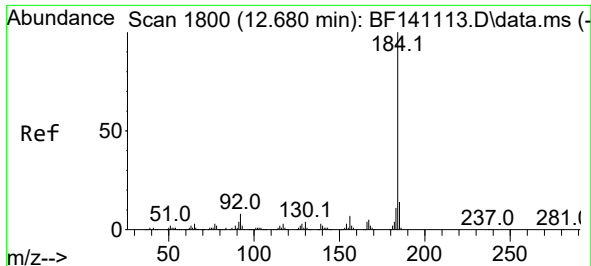
Tgt Ion:202 Resp: 1558556
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.012 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:240 Resp: 341879
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 25.5 19.8 29.6

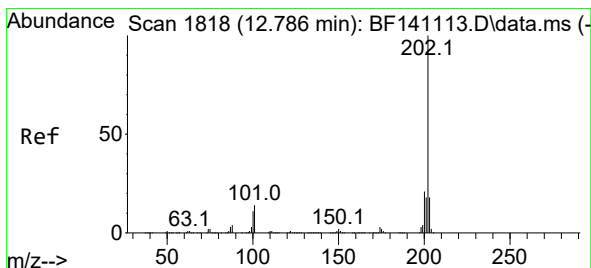
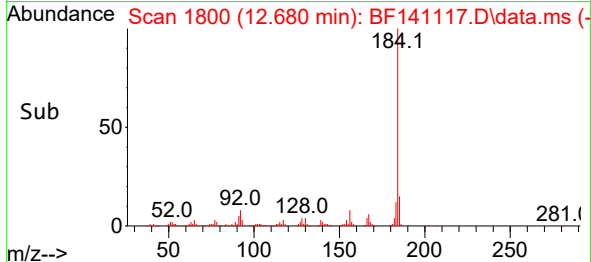
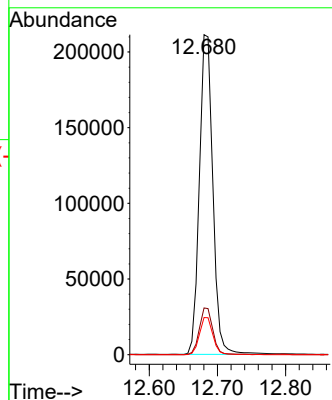
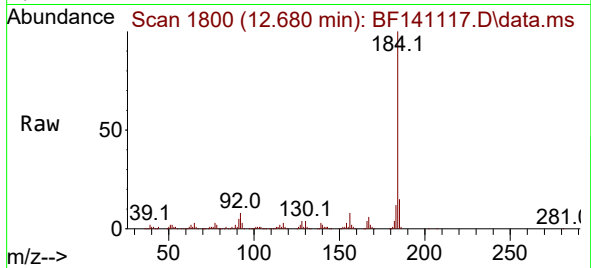




#77
Benzidine
Concen: 45.814 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

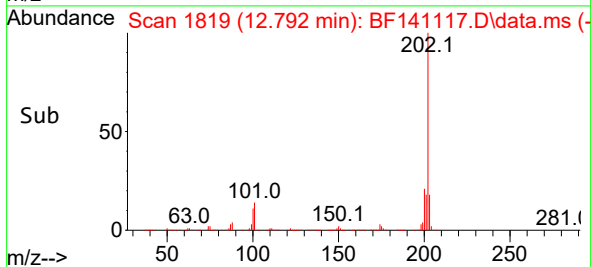
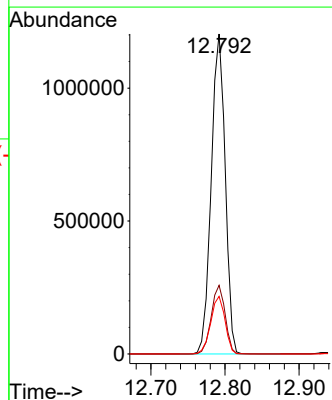
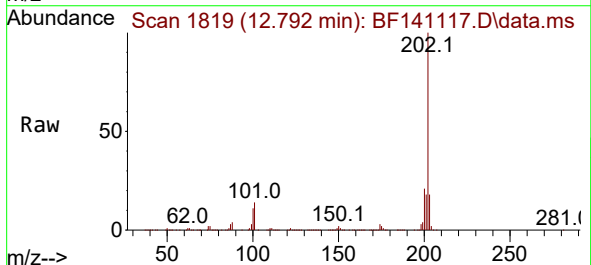
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

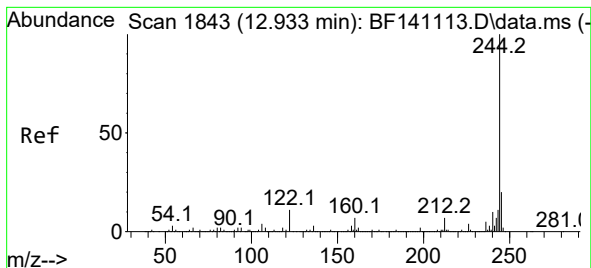
Tgt Ion:184 Resp: 290459
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 11.6 9.2 13.8



#78
Pyrene
Concen: 48.129 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:202 Resp: 1571607
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 95.134 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

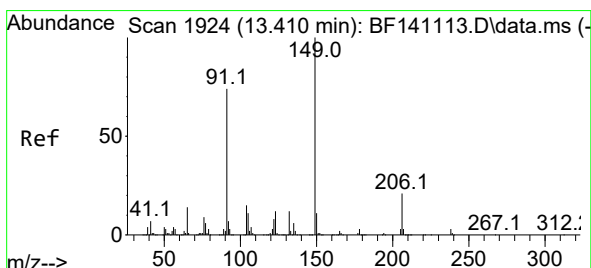
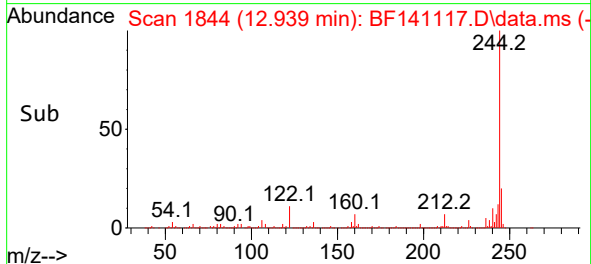
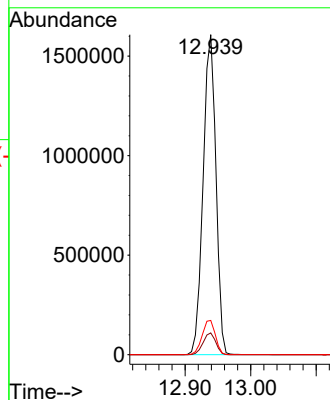
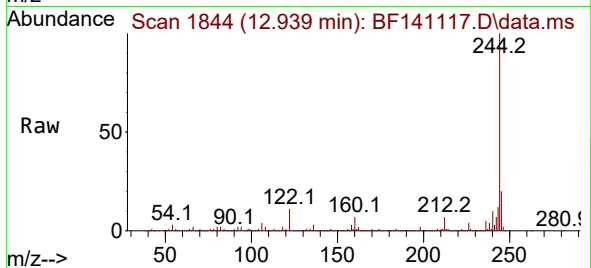
Tgt Ion:244 Resp: 2188278

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.7 8.8 13.2



#80

Butylbenzylphthalate

Concen: 53.179 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.006 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

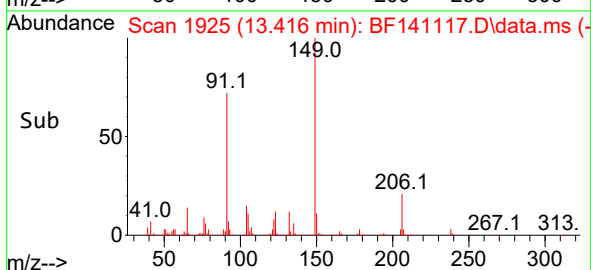
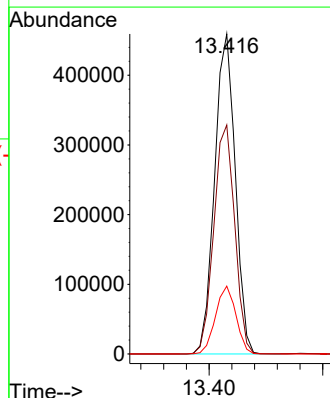
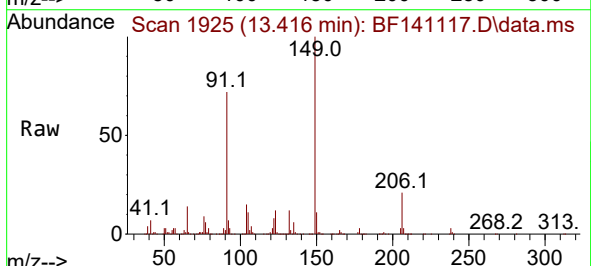
Tgt Ion:149 Resp: 578964

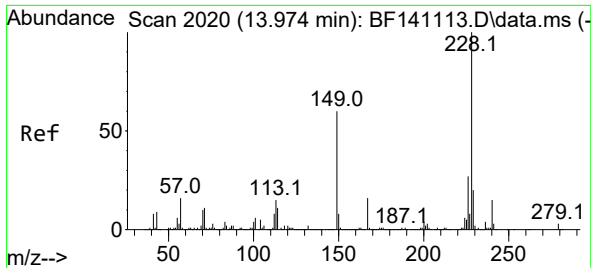
Ion Ratio Lower Upper

149 100

91 71.5 59.0 88.6

206 21.2 16.5 24.7

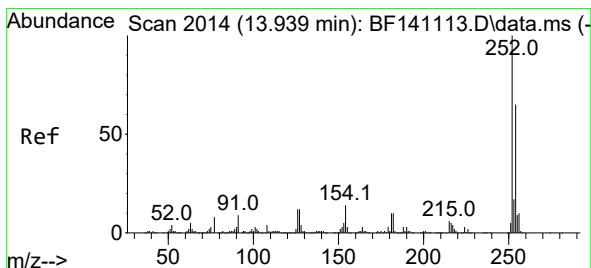
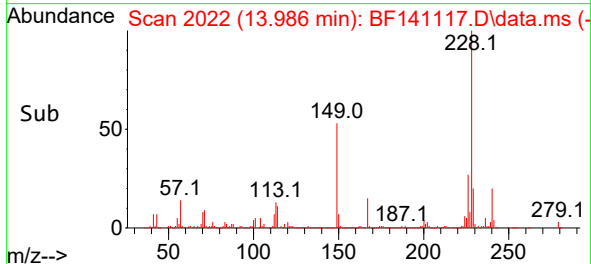
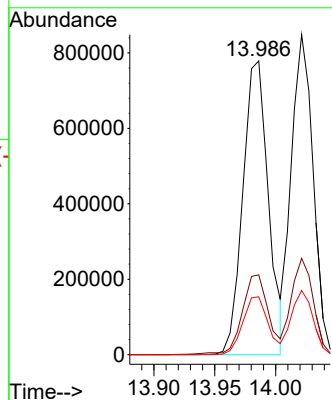
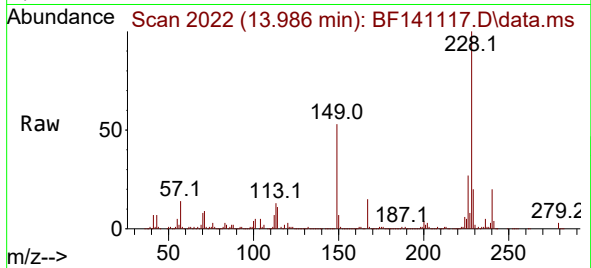




#81
Benzo(a)anthracene
Concen: 48.830 ng
RT: 13.986 min Scan# 2016
Delta R.T. 0.012 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

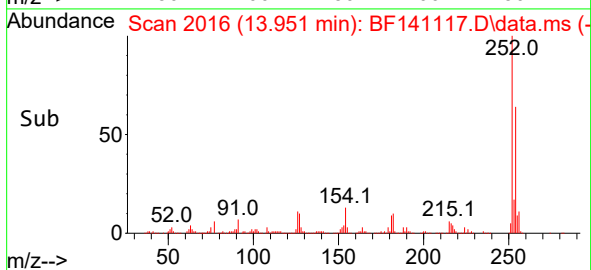
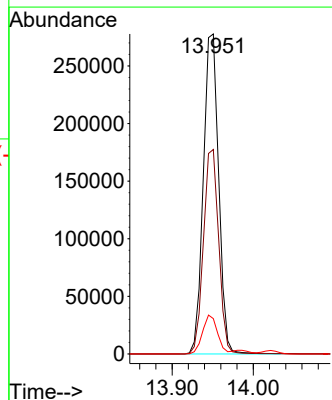
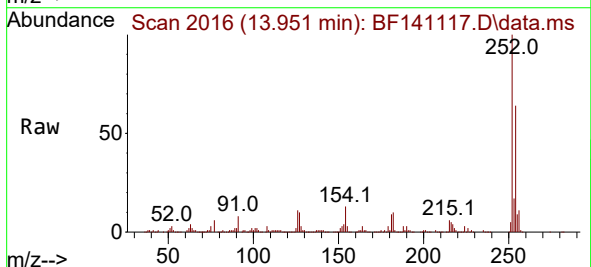
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

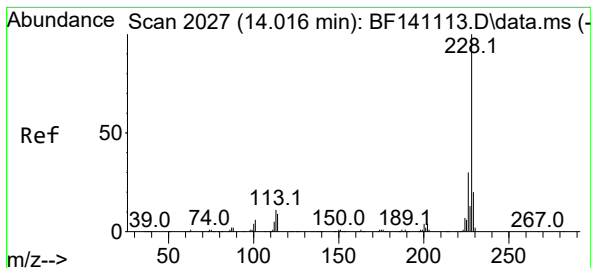
Tgt Ion:228 Resp: 1136119
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 49.156 ng
RT: 13.951 min Scan# 2016
Delta R.T. 0.012 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:252 Resp: 364178
Ion Ratio Lower Upper
252 100
254 63.9 52.0 78.0
126 11.0 9.4 14.0





#83

Chrysene

Concen: 48.577 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

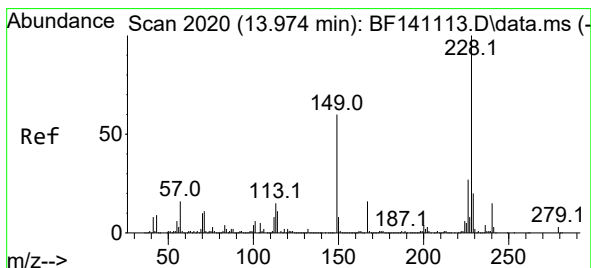
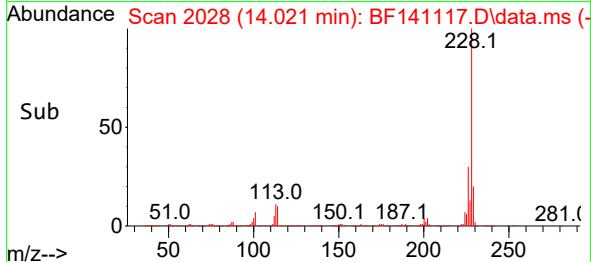
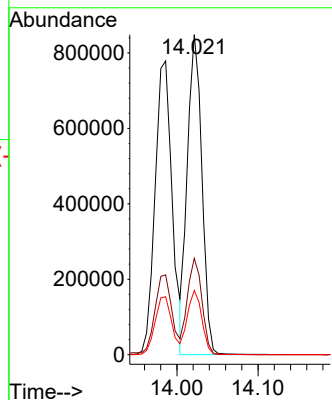
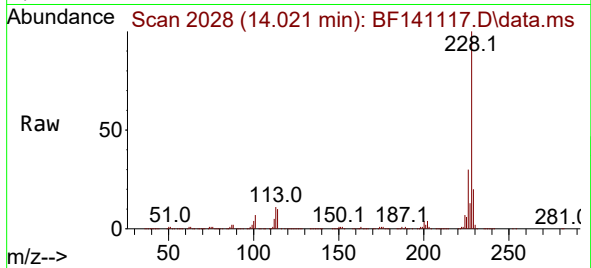
Tgt Ion:228 Resp: 1057551

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.591 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

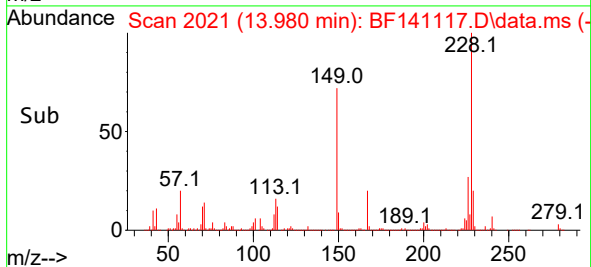
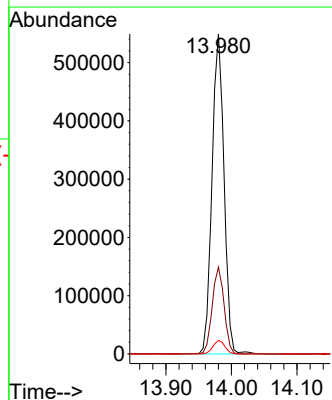
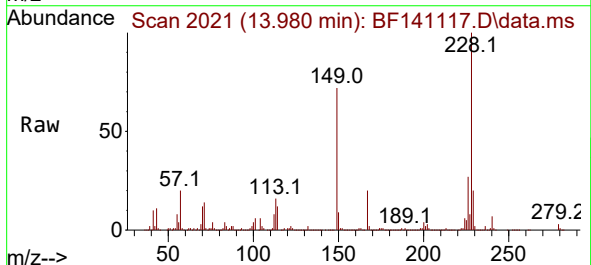
Tgt Ion:149 Resp: 700052

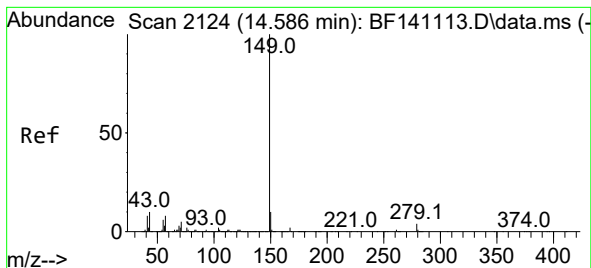
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 53.503 ng

RT: 14.610 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

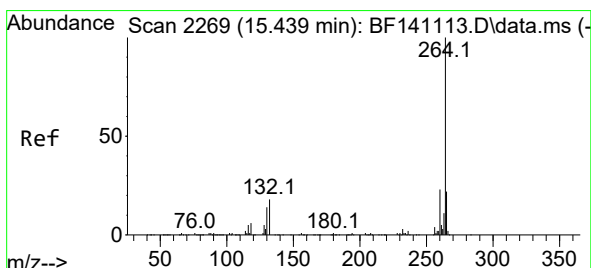
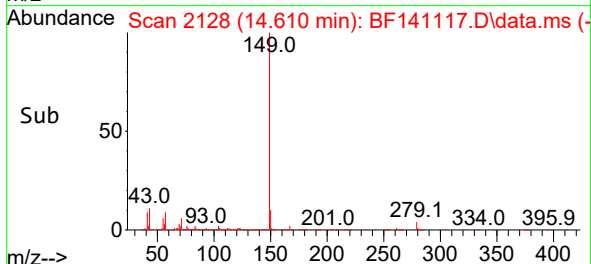
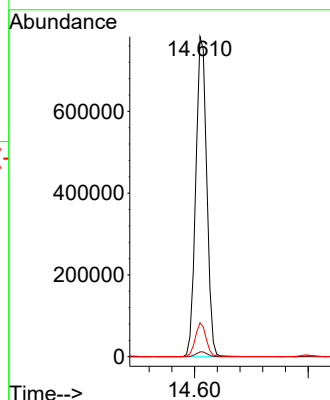
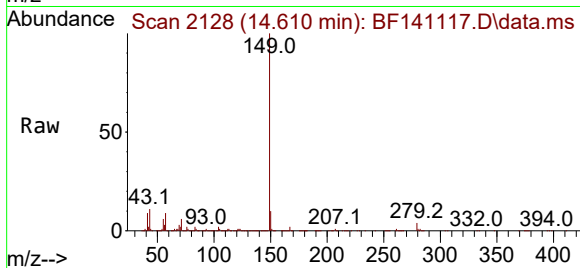
Tgt Ion:149 Resp: 1055383

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.029 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

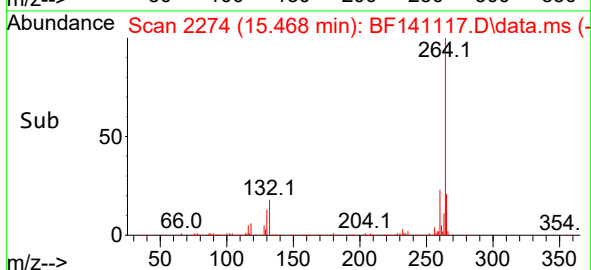
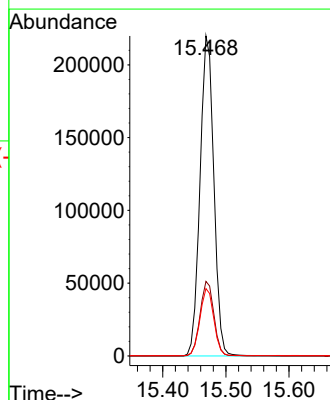
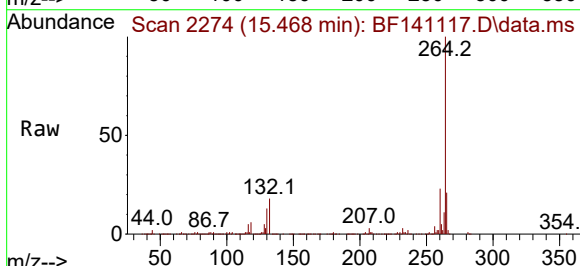
Tgt Ion:264 Resp: 333662

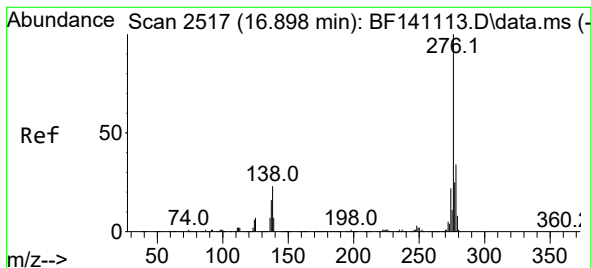
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.477 ng

RT: 16.933 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

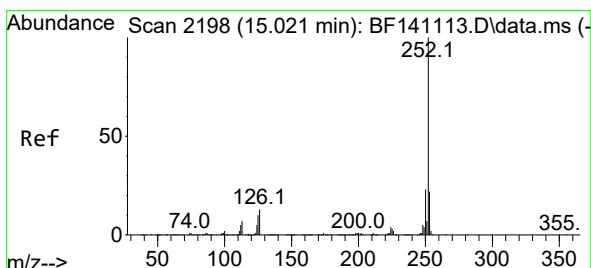
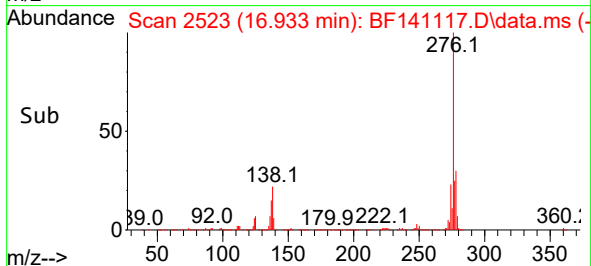
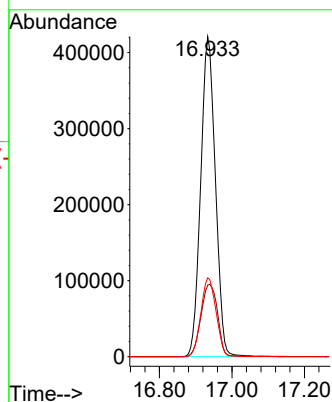
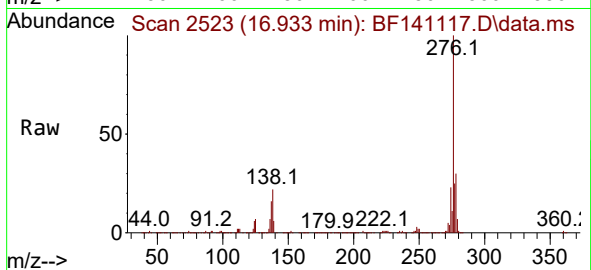
Tgt Ion:276 Resp: 1185030

Ion Ratio Lower Upper

276 100

138 25.5 20.7 31.1

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 50.984 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.023 min

Lab File: BF141117.D

Acq: 10 Jan 2025 16:53

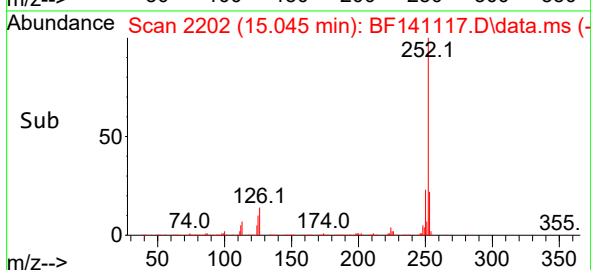
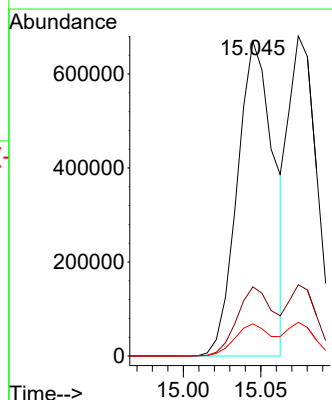
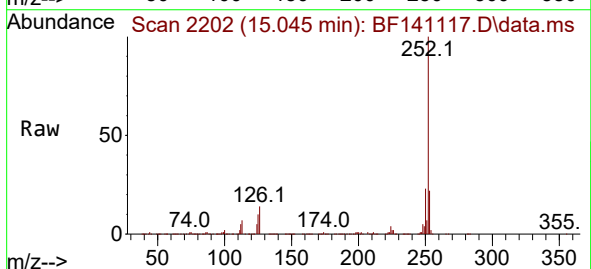
Tgt Ion:252 Resp: 1096957

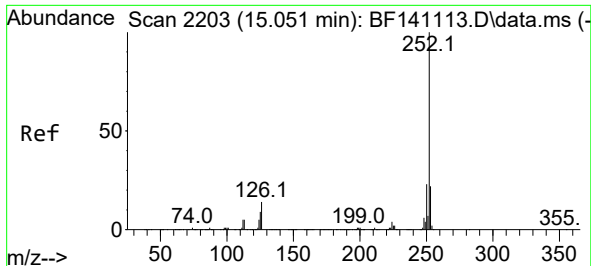
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.2 8.1 12.1

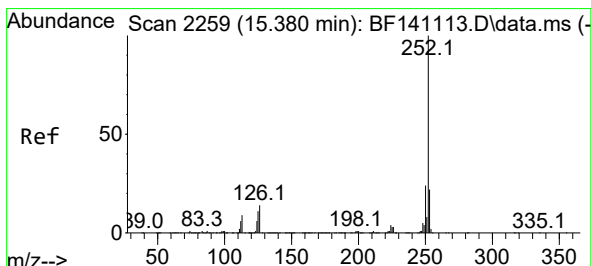
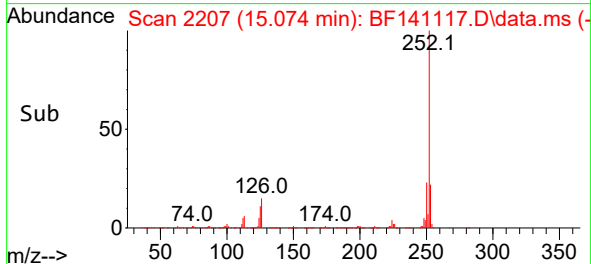
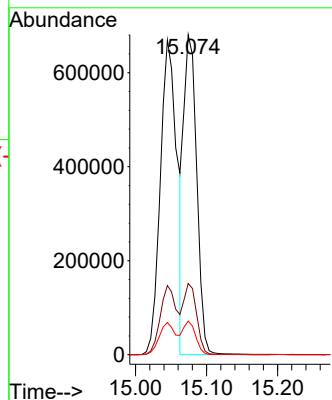
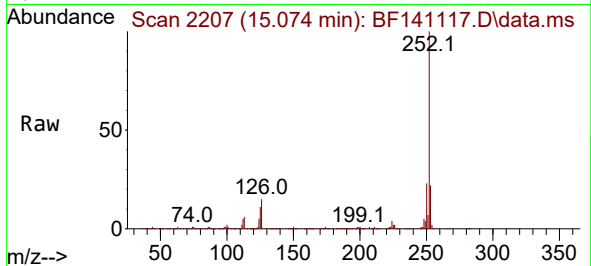




#89
Benzo(k)fluoranthene
Concen: 47.598 ng
RT: 15.074 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

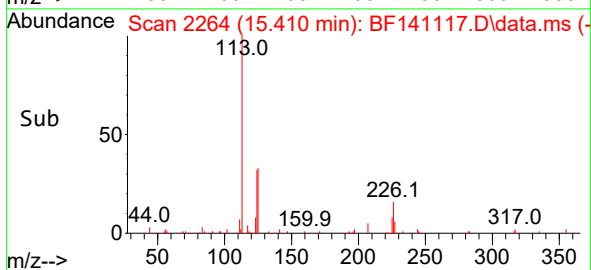
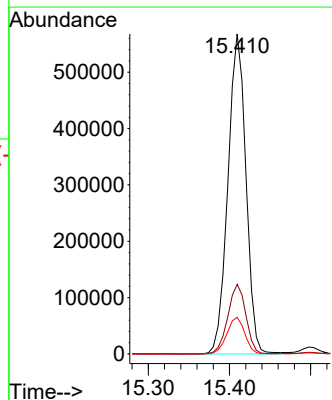
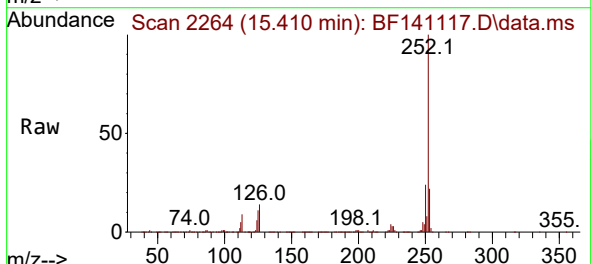
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

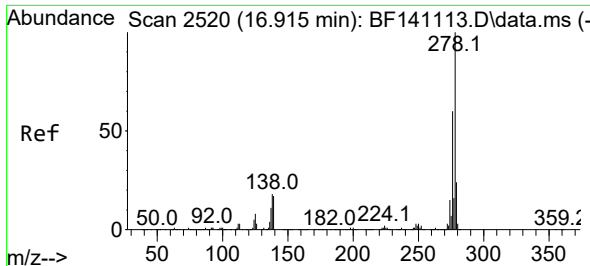
Tgt Ion:252 Resp: 865456
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.5 7.9 11.9



#90
Benzo(a)pyrene
Concen: 49.243 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.029 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:252 Resp: 874134
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.4 9.1 13.7

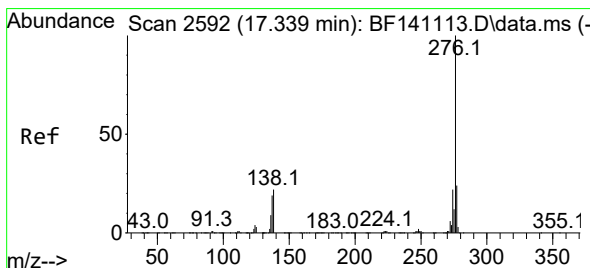
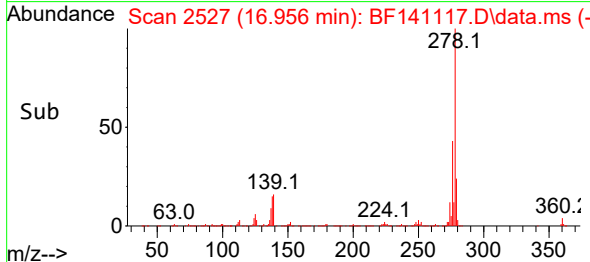
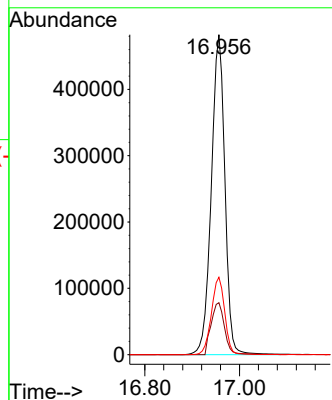
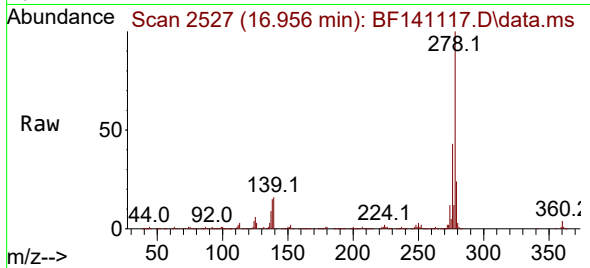




#91
Dibenzo(a,h)anthracene
Concen: 48.535 ng
RT: 16.956 min Scan# 2527
Delta R.T. 0.041 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 959595
Ion Ratio Lower Upper
278 100
139 16.2 13.8 20.6
279 24.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 48.464 ng
RT: 17.380 min Scan# 2599
Delta R.T. 0.041 min
Lab File: BF141117.D
Acq: 10 Jan 2025 16:53

Tgt Ion:276 Resp: 996659
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 21.7 17.4 26.2

