

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141082.D
 Acq On : 08 Jan 2025 14:24
 Operator : RC/JU
 Sample : PB165980BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165980BS

Quant Time: Jan 08 14:47:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	248006	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	999479	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	543557	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	896658	20.000	ng	0.00
76) Chrysene-d12	13.992	240	491752	20.000	ng	0.00
86) Perylene-d12	15.457	264	504311	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1763713	107.198	ng	0.02
7) Phenol-d6	6.457	99	2245179	105.931	ng	0.00
23) Nitrobenzene-d5	7.393	82	1443694	92.413	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	701365	132.790	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2551401	74.785	ng	0.00
79) Terphenyl-d14	12.939	244	2673691	90.310	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.658	88	251072	33.707	ng 98
3) Pyridine	3.399	79	669569	36.782	ng 98
4) n-Nitrosodimethylamine	3.346	42	354575	38.443	ng 99
6) Aniline	6.493	93	685710	36.276	ng 100
8) 2-Chlorophenol	6.610	128	741319	42.736	ng 97
9) Benzaldehyde	6.375	77	105379	2.389	ng 98
10) Phenol	6.469	94	903901	41.244	ng 94
11) bis(2-Chloroethyl)ether	6.563	93	689028	38.937	ng 98
12) 1,3-Dichlorobenzene	6.769	146	752191	39.292	ng 100
13) 1,4-Dichlorobenzene	6.845	146	762874	39.530	ng 100
14) 1,2-Dichlorobenzene	6.998	146	734798	40.837	ng 99
15) Benzyl Alcohol	6.969	79	634533	41.662	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1041894	38.933	ng 98
17) 2-Methylphenol	7.081	107	598674	41.543	ng 99
18) Hexachloroethane	7.340	117	283149	41.303	ng 98
19) n-Nitroso-di-n-propyla...	7.245	70	506805	39.031	ng 98
20) 3+4-Methylphenols	7.234	107	718653	39.407	ng # 84
22) Acetophenone	7.240	105	944548	38.524	ng 98
24) Nitrobenzene	7.410	77	765192	43.835	ng 98
25) Isophorone	7.651	82	1383857	40.708	ng 100
26) 2-Nitrophenol	7.728	139	371864	51.542	ng 98
27) 2,4-Dimethylphenol	7.763	122	594795	47.874	ng 99
28) bis(2-Chloroethoxy)met...	7.863	93	841546	39.072	ng 100
29) 2,4-Dichlorophenol	7.963	162	596474	42.331	ng 99
30) 1,2,4-Trichlorobenzene	8.051	180	621440	38.965	ng 99
31) Naphthalene	8.134	128	2070982	39.323	ng 100
32) Benzoic acid	7.881	122	474468	46.661	ng 96
33) 4-Chloroaniline	8.175	127	238360	12.510	ng 98
34) Hexachlorobutadiene	8.251	225	377955	40.199	ng 99
35) Caprolactam	8.545	113	129697	27.075	ng 94
36) 4-Chloro-3-methylphenol	8.657	107	648909	41.468	ng 100
37) 2-Methylnaphthalene	8.822	142	1353258	40.165	ng 100
38) 1-Methylnaphthalene	8.922	142	1257409	37.974	ng 99
40) 1,2,4,5-Tetrachloroben...	8.987	216	610608	40.833	ng 98
41) Hexachlorocyclopentadiene	8.975	237	779266	157.251	ng 99
43) 2,4,6-Trichlorophenol	9.098	196	428216	43.025	ng 100

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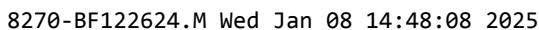
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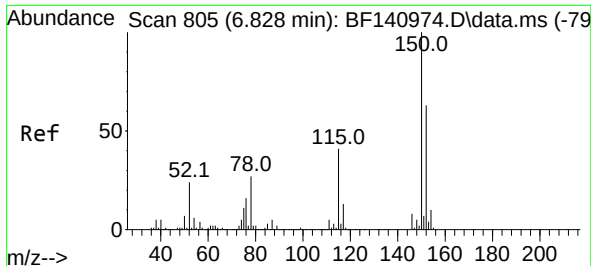
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	444941	43.693	ng	97
46) 1,1'-Biphenyl	9.287	154	1641160	39.432	ng	99
47) 2-Chloronaphthalene	9.310	162	1254674	38.870	ng	100
48) 2-Nitroaniline	9.404	65	399015	47.324	ng	93
49) Acenaphthylene	9.728	152	1959643	42.173	ng	100
50) Dimethylphthalate	9.586	163	1476243	41.290	ng	100
51) 2,6-Dinitrotoluene	9.645	165	336529	46.295	ng	97
52) Acenaphthene	9.898	154	1424013	45.330	ng	99
53) 3-Nitroaniline	9.810	138	184436	24.943	ng	# 95
54) 2,4-Dinitrophenol	9.922	184	353898	105.926	ng	# 1
55) Dibenzofuran	10.069	168	1768876	40.067	ng	99
56) 4-Nitrophenol	9.975	139	572978	93.687	ng	95
57) 2,4-Dinitrotoluene	10.051	165	451984	50.408	ng	96
58) Fluorene	10.416	166	1339619	39.131	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	391701	46.444	ng	97
60) Diethylphthalate	10.286	149	1440997	40.825	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	665308	40.388	ng	99
62) 4-Nitroaniline	10.428	138	339953	43.269	ng	95
63) Azobenzene	10.569	77	1469806	39.673	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	240643	63.552	ng	96
66) n-Nitrosodiphenylamine	10.528	169	1225811	43.414	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	435662	44.946	ng	97
68) Hexachlorobenzene	10.963	284	474939	44.436	ng	98
69) Atrazine	11.051	200	416462	52.796	ng	99
70) Pentachlorophenol	11.151	266	595655	89.512	ng	99
71) Phenanthrene	11.375	178	2010659	42.606	ng	100
72) Anthracene	11.428	178	2066698	44.693	ng	100
73) Carbazole	11.580	167	1769781	39.812	ng	100
74) Di-n-butylphthalate	11.916	149	2095270	41.440	ng	100
75) Fluoranthene	12.563	202	1959376	38.282	ng	98
77) Benzidine	12.680	184	467216	44.956	ng	99
78) Pyrene	12.792	202	1955469	45.468	ng	100
80) Butylbenzylphthalate	13.410	149	703267	44.782	ng	99
81) Benzo(a)anthracene	13.980	228	1354504	39.522	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	259158	25.168	ng	98
83) Chrysene	14.016	228	1284166	41.565	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	815820	40.049	ng	99
85) Di-n-octyl phthalate	14.598	149	1276956	43.311	ng	97
87) Indeno(1,2,3-cd)pyrene	16.921	276	1620997	51.019	ng	97
88) Benzo(b)fluoranthene	15.033	252	1358925	38.636	ng	99
89) Benzo(k)fluoranthene	15.063	252	1118450	40.572	ng	99
90) Benzo(a)pyrene	15.398	252	1207812	44.242	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	1305713	50.697	ng	99
92) Benzo(g,h,i)perylene	17.362	276	1244717	46.596	ng	98

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

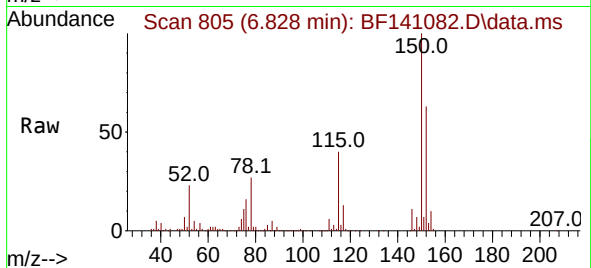
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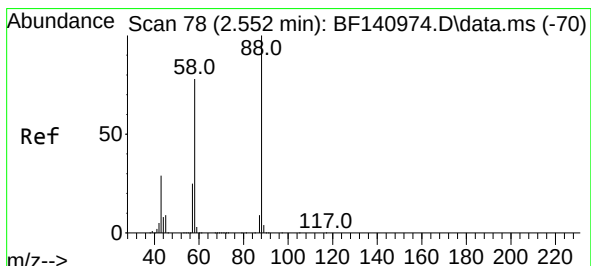
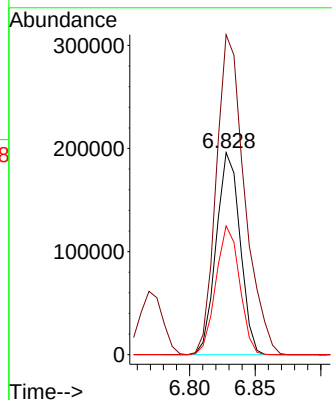
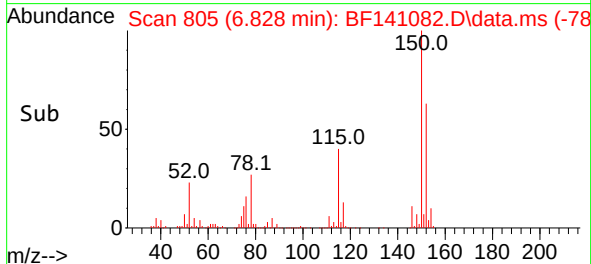


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

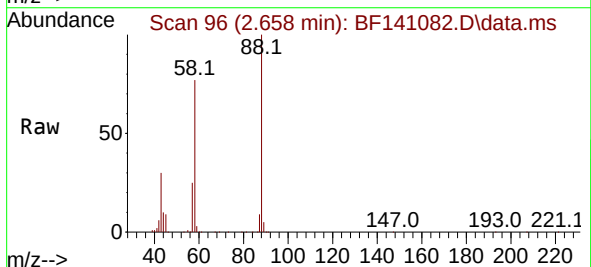
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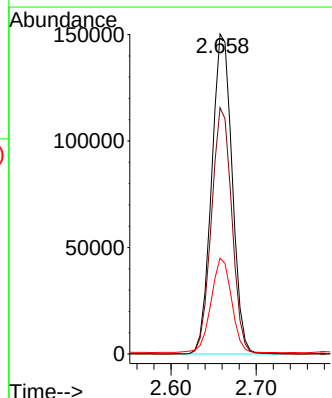
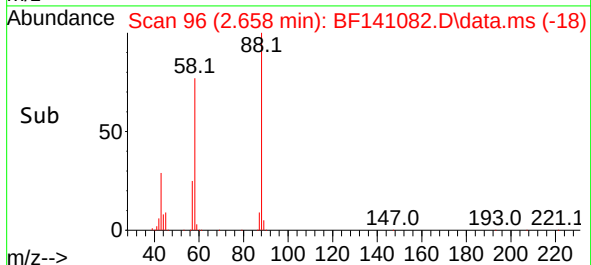
Tgt Ion:152 Resp: 248006
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.6
115 63.7 51.7 77.5

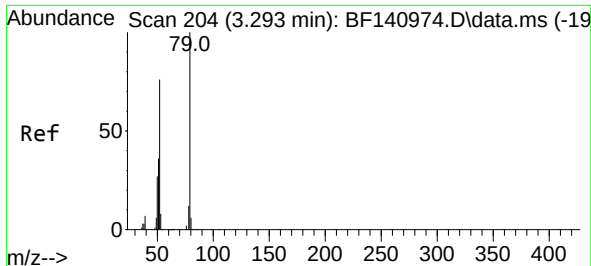


#2
1,4-Dioxane
Concen: 33.707 ng
RT: 2.658 min Scan# 96
Delta R.T. 0.106 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24



Tgt Ion: 88 Resp: 251072
Ion Ratio Lower Upper
88 100
58 76.9 63.0 94.4
43 29.7 23.4 35.2

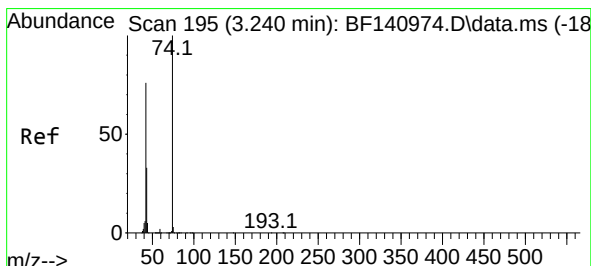
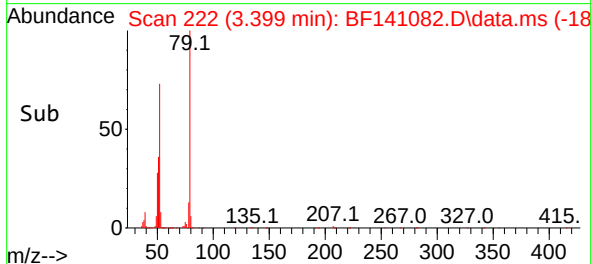
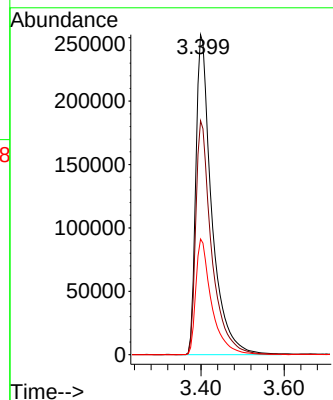
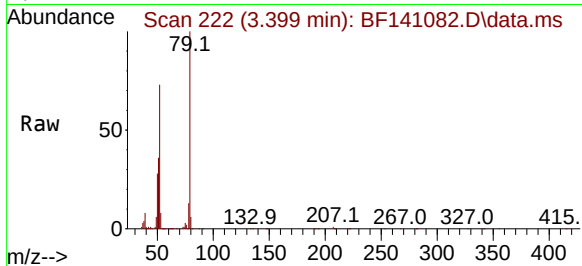




#3
Pyridine
Concen: 36.782 ng
RT: 3.399 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

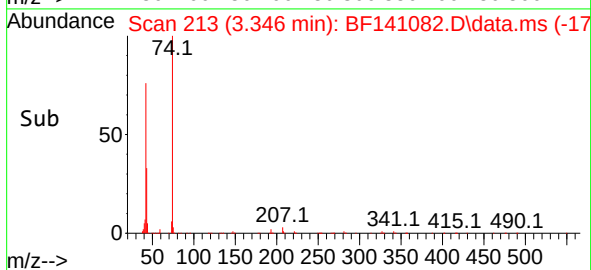
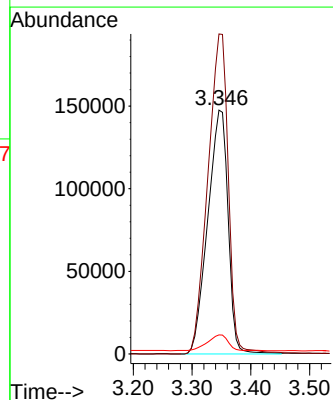
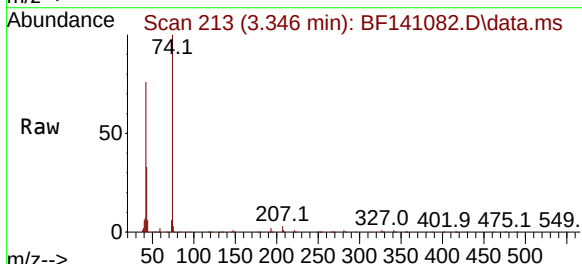
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BNA_F
ClientSampleId :
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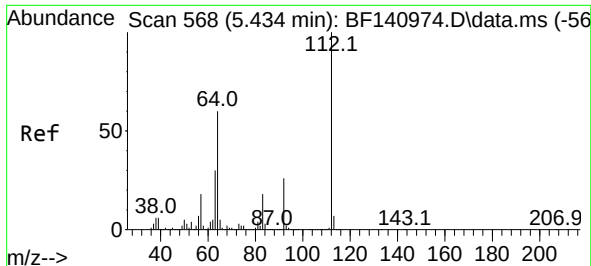
Tgt Ion: 79 Resp: 669569
Ion Ratio Lower Upper
79 100
52 73.1 60.4 90.6
51 36.1 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 38.443 ng
RT: 3.346 min Scan# 213
Delta R.T. 0.106 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion: 42 Resp: 354575
Ion Ratio Lower Upper
42 100
74 131.2 105.8 158.6
44 7.8 6.6 10.0

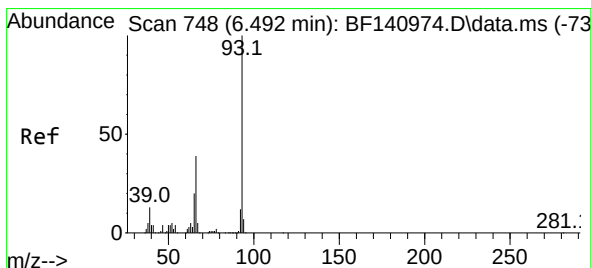
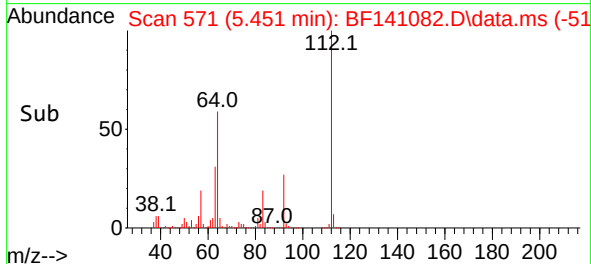
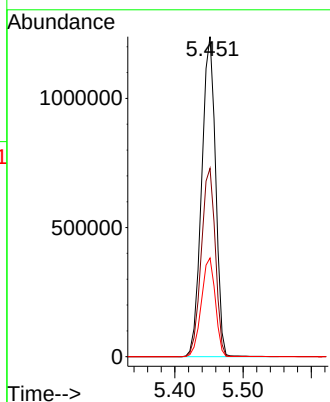
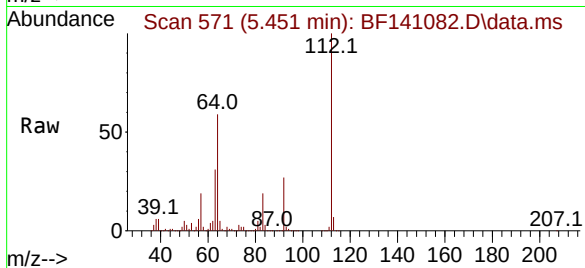




#5
2-Fluorophenol
Concen: 107.198 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

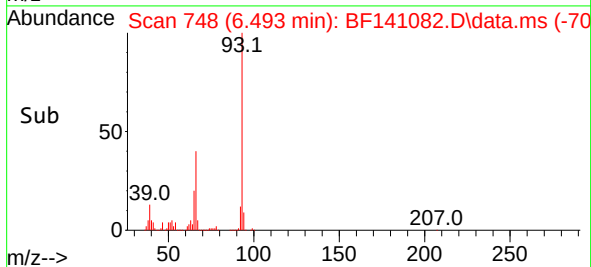
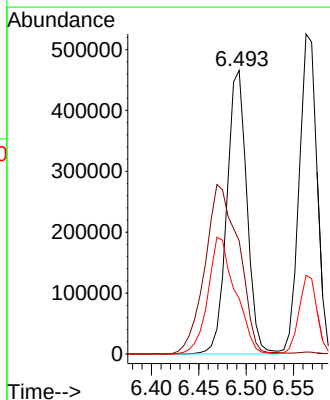
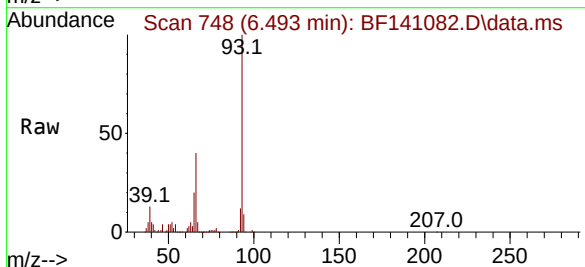
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ClientSampleId :
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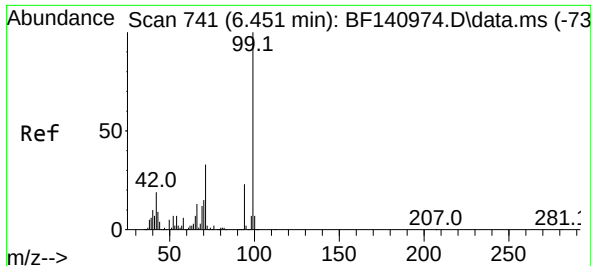
Tgt Ion:112 Resp: 1763713
Ion Ratio Lower Upper
112 100
64 58.9 47.7 71.5
63 30.8 24.2 36.2



#6
Aniline
Concen: 36.276 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion: 93 Resp: 685710
Ion Ratio Lower Upper
93 100
66 39.9 31.8 47.8
65 19.6 15.4 23.0

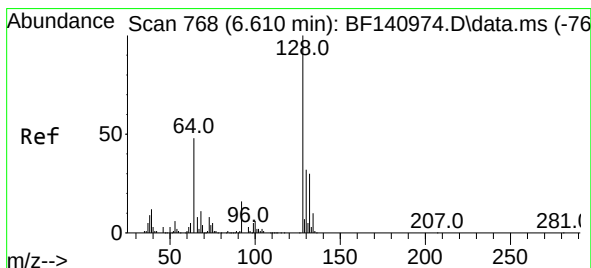
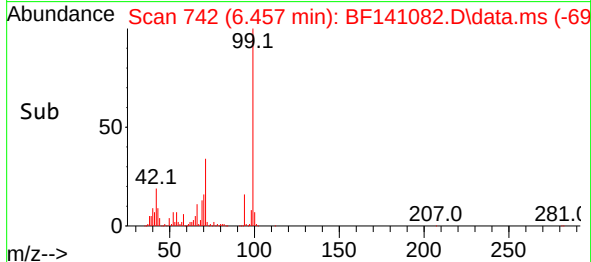
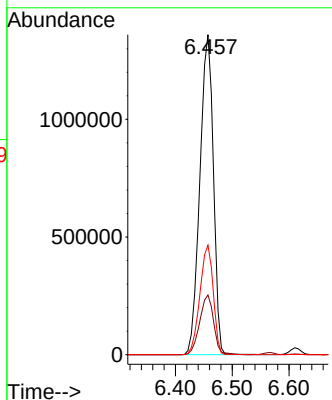
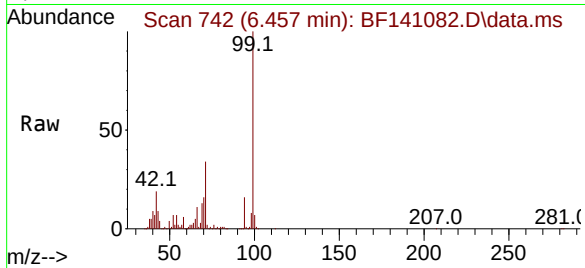




#7
Phenol-d6
Concen: 105.931 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

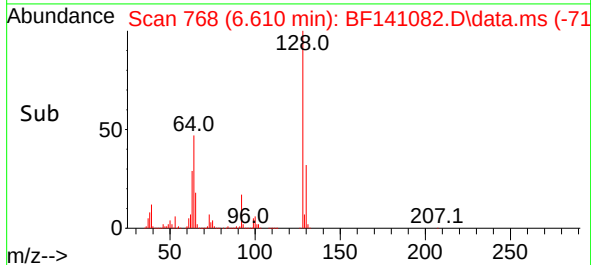
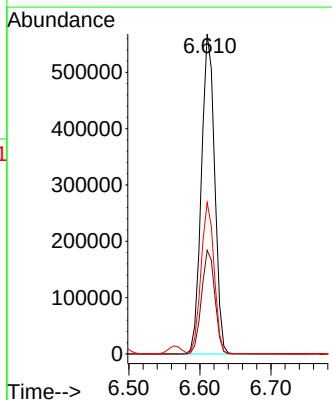
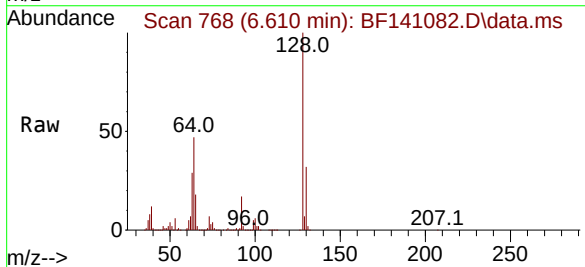
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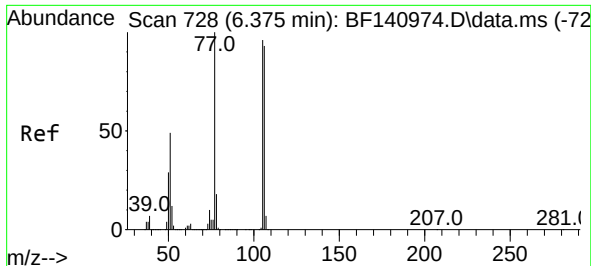
Tgt Ion: 99 Resp: 2245179
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 34.2 26.2 39.2



#8
2-Chlorophenol
Concen: 42.736 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion: 128 Resp: 741319
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 47.4 30.3 70.3

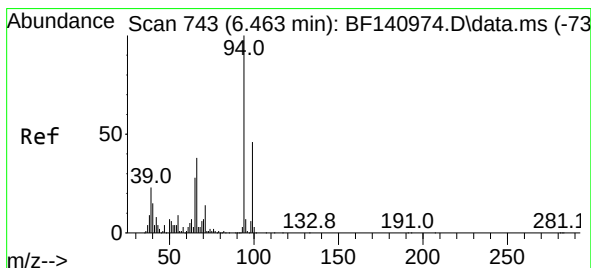
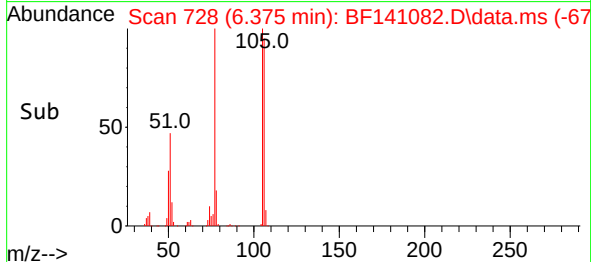
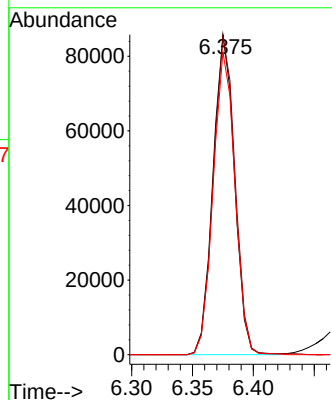
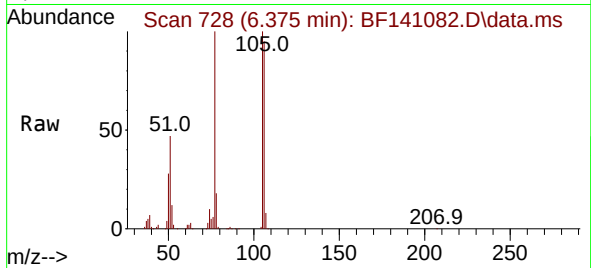




#9
Benzaldehyde
Concen: 2.389 ng
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

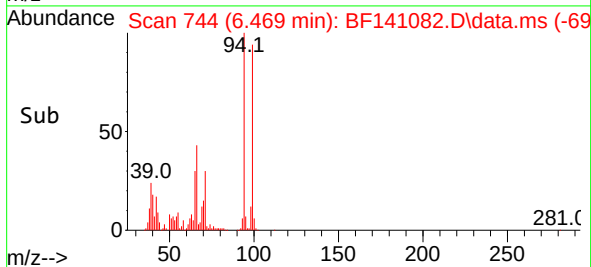
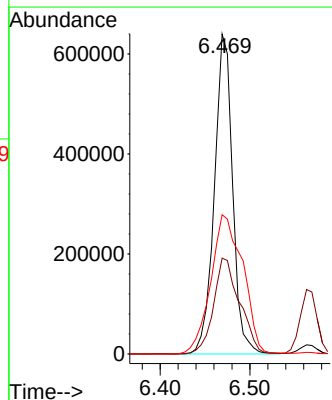
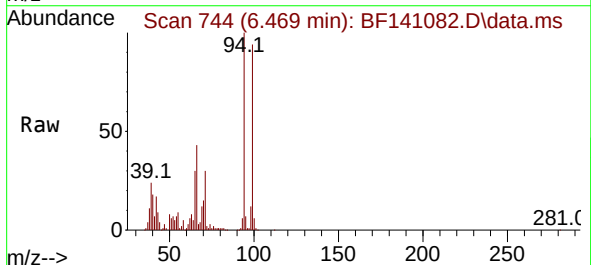
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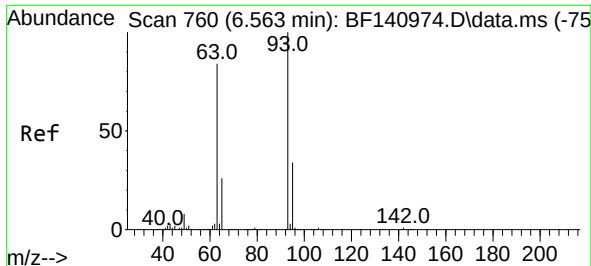
Tgt Ion: 77 Resp: 105379
Ion Ratio Lower Upper
77 100
105 99.5 76.2 116.2
106 94.6 73.4 113.4



#10
Phenol
Concen: 41.244 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion: 94 Resp: 903901
Ion Ratio Lower Upper
94 100
65 30.0 8.1 48.1
66 43.5 18.7 58.7

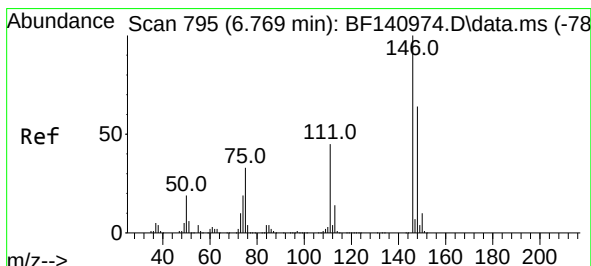
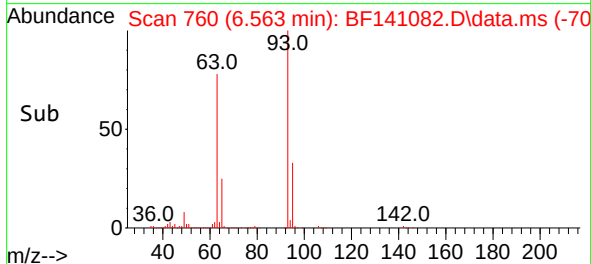
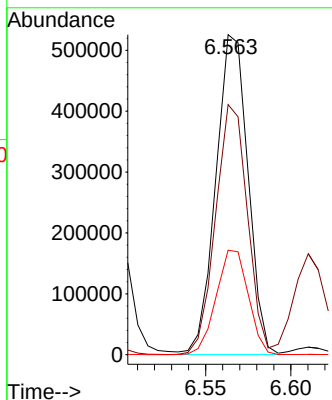
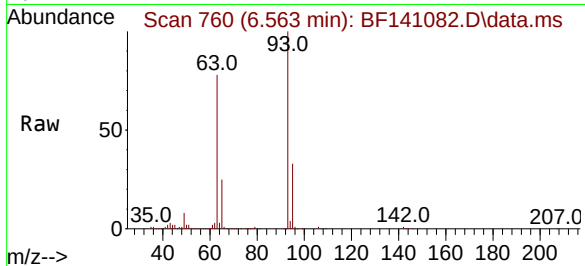




#11
bis(2-Chloroethyl)ether
Concen: 38.937 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

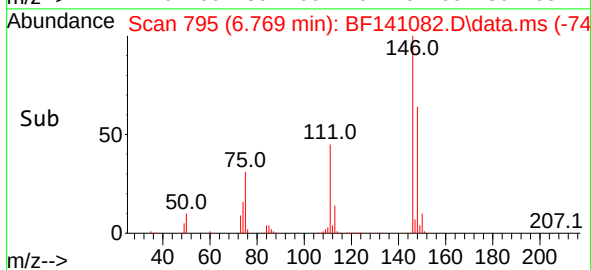
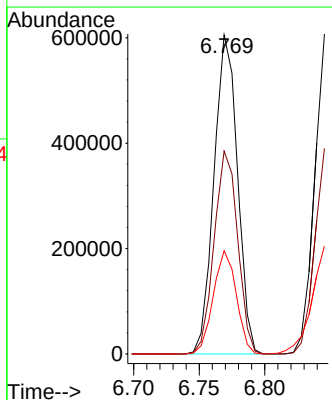
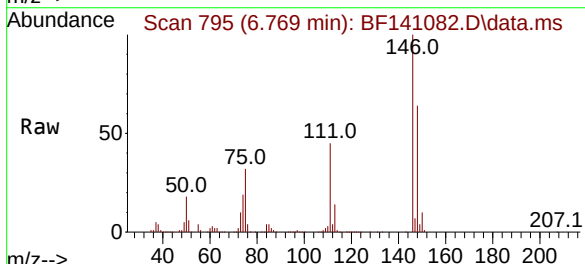
Instrument :
BNA_F
ClientSampleId :
PB165980BS

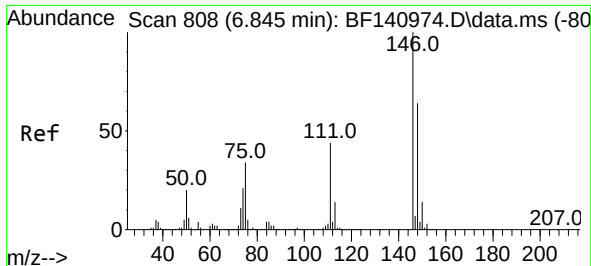
Tgt Ion: 93 Resp: 689028
Ion Ratio Lower Upper
93 100
63 78.2 60.3 100.3
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.292 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion: 146 Resp: 752191
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 32.4 26.1 39.1

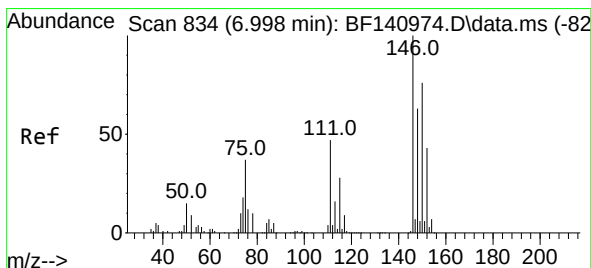
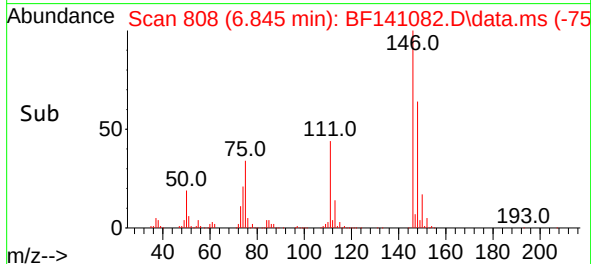
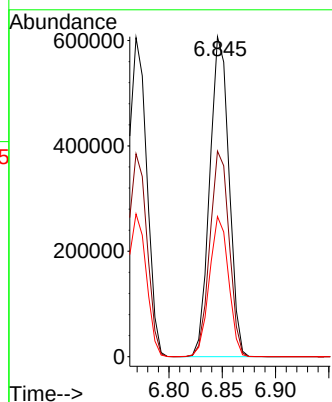
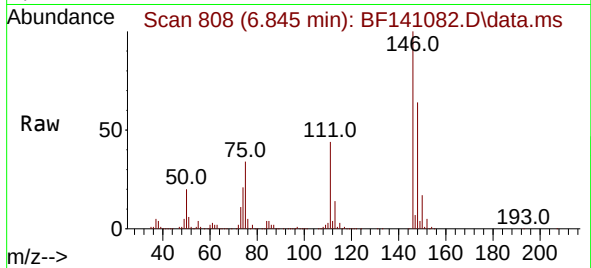




#13
1,4-Dichlorobenzene
Concen: 39.530 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

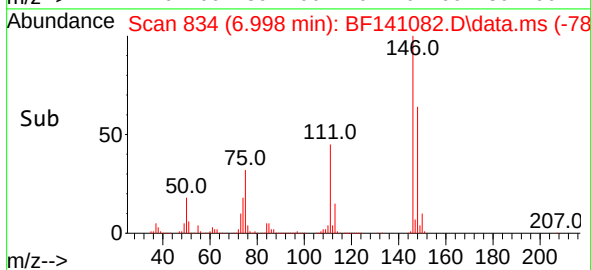
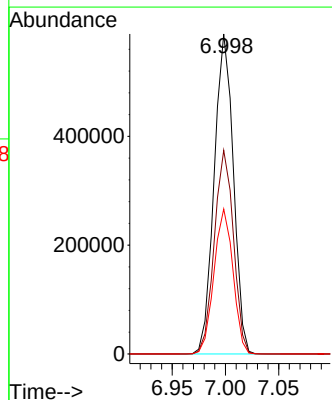
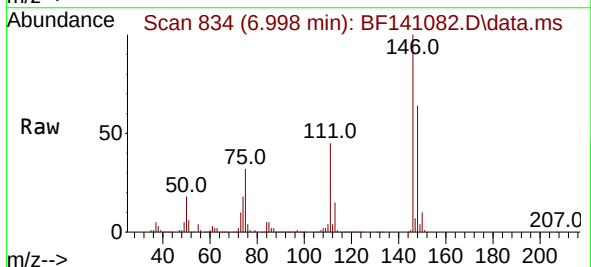
Instrument :
BNA_F
ClientSampleId :
PB165980BS

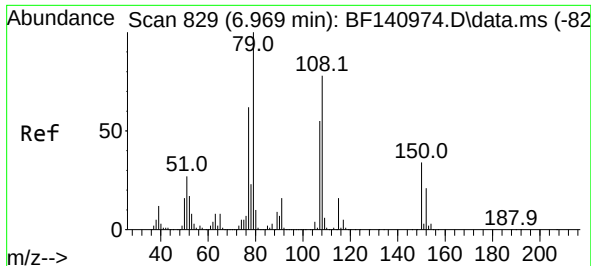
Tgt Ion:146 Resp: 762874
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 43.8 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 40.837 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:146 Resp: 734798
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 45.3 37.3 55.9

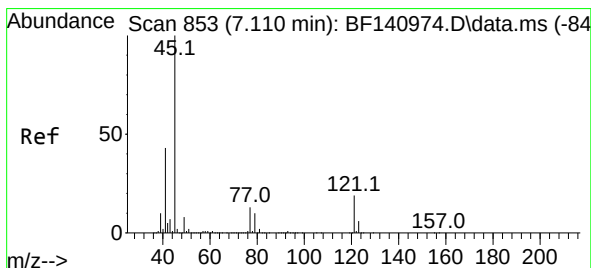
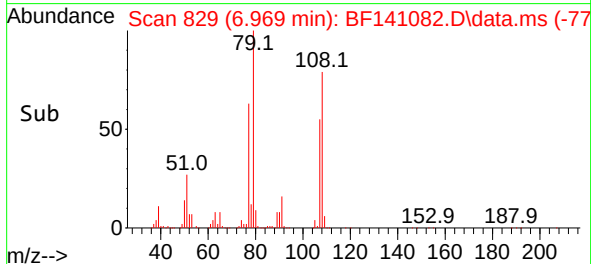
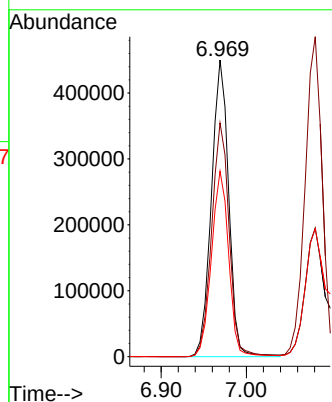
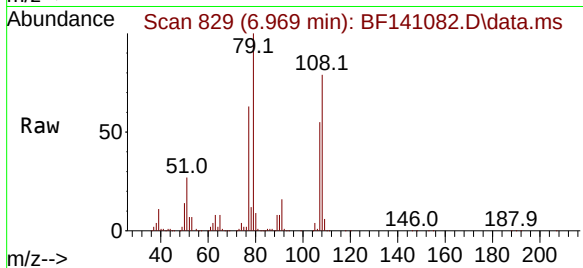




#15
Benzyl Alcohol
Concen: 41.662 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

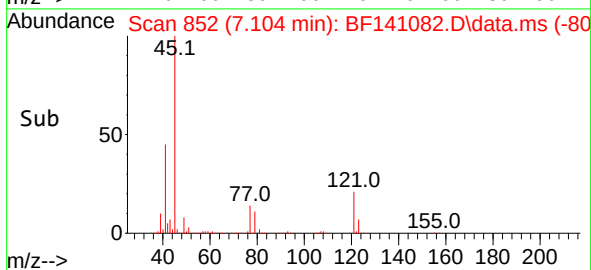
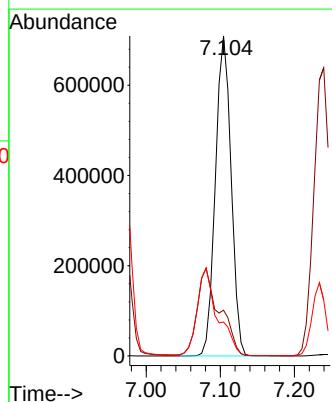
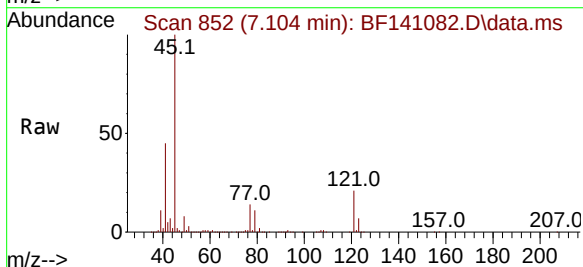
Instrument :
BNA_F
ClientSampleId :
PB165980BS

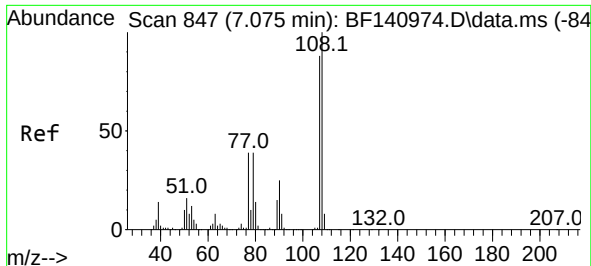
Tgt Ion: 79 Resp: 634533
Ion Ratio Lower Upper
79 100
108 78.8 62.5 93.7
77 62.5 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.933 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

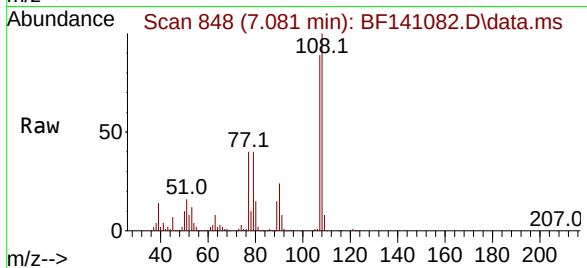
Tgt Ion: 45 Resp: 1041894
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.1
79 10.6 0.0 30.1



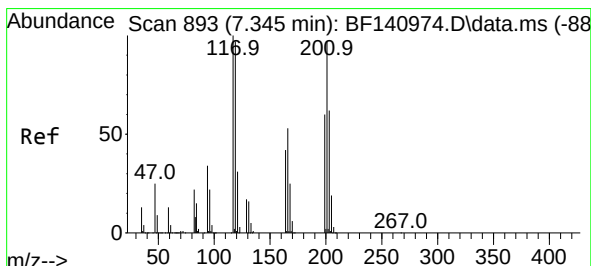
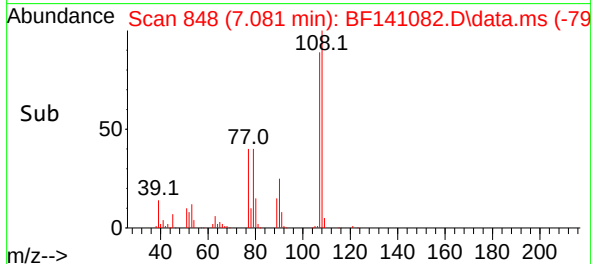
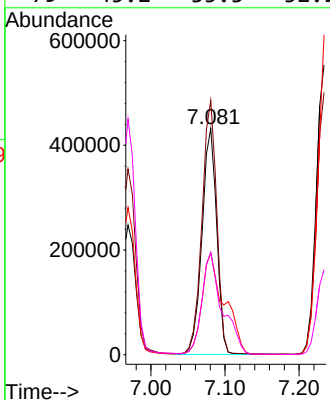


#17
2-Methylphenol
Concen: 41.543 ng
RT: 7.081 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Instrument :
BNA_F
ClientSampleId :
PB165980BS

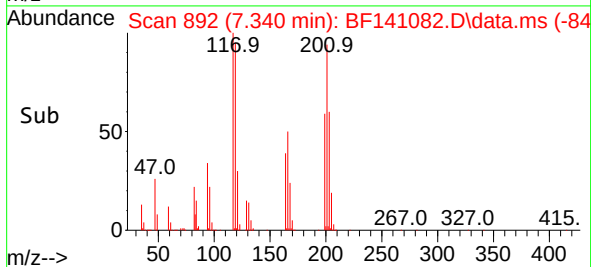
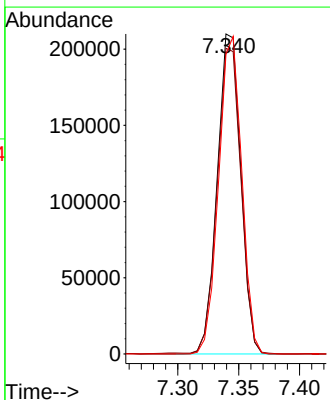
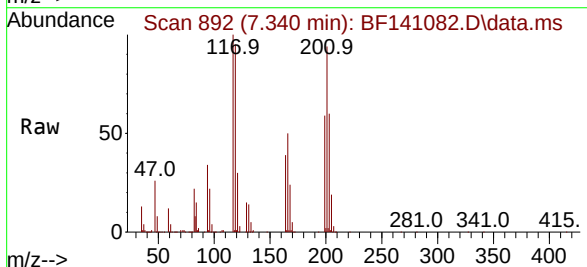


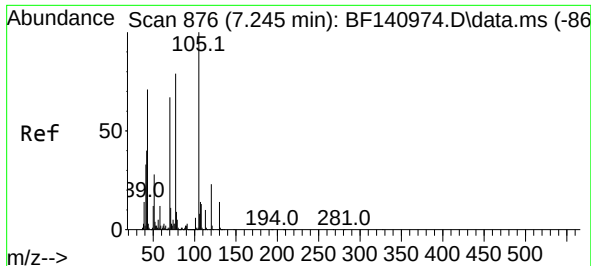
Tgt Ion:	107	Resp:	598674
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.6	136.0
77	45.0	35.3	52.9
79	45.2	35.3	52.9



#18
Hexachloroethane
Concen: 41.303 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:	117	Resp:	283149
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
201	93.6	77.4	116.2



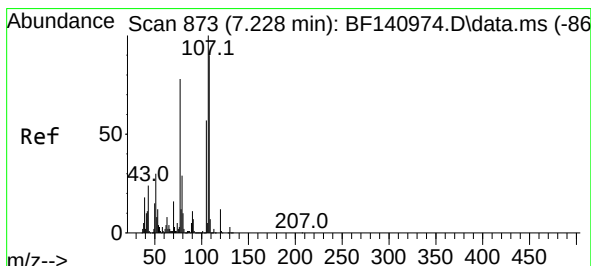
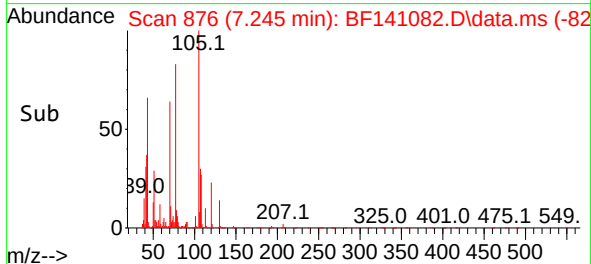
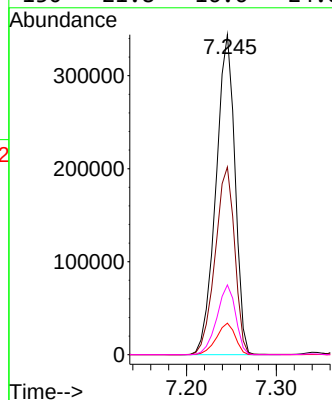
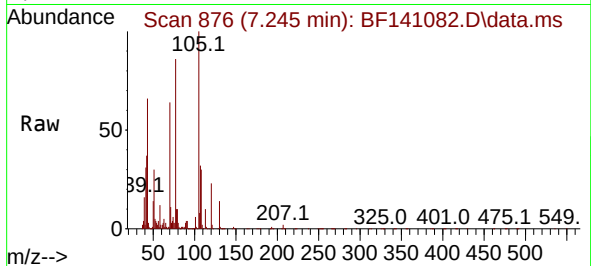


#19
n-Nitroso-di-n-propylamine
Concen: 39.031 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Instrument :
BNA_F
ClientSampleId :
PB165980BS

Tgt Ion: 70 Resp: 506805

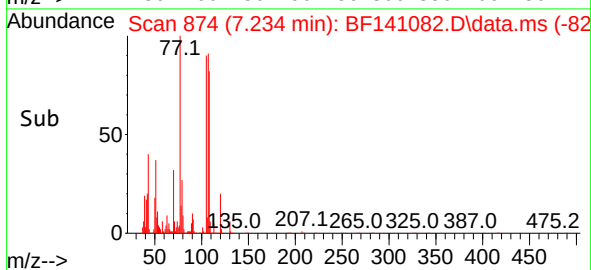
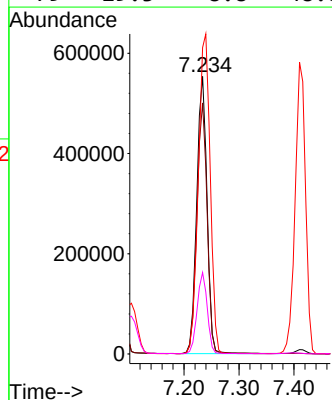
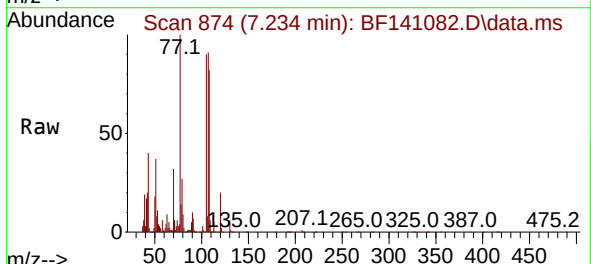
Ion	Ratio	Lower	Upper
70	100		
42	58.6	48.1	72.1
101	9.8	7.6	11.4
130	21.8	16.6	24.8

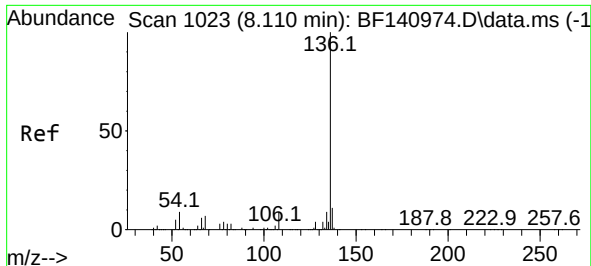


#20
3+4-Methylphenols
Concen: 39.407 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion: 107 Resp: 718653

Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.6	109.6
77	110.4	57.6	97.6#
79	29.3	8.8	48.8

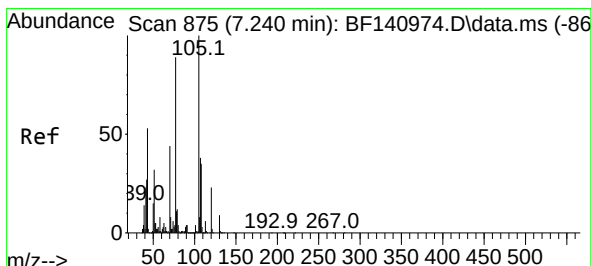
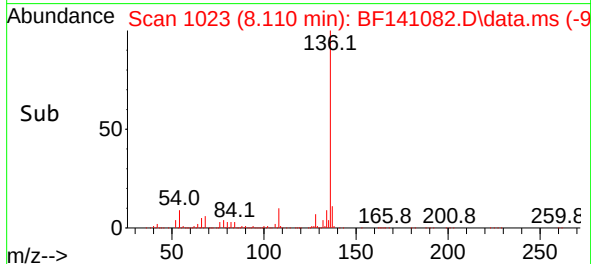
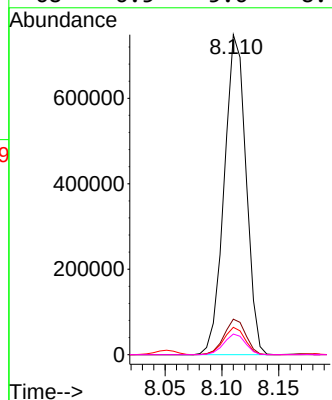
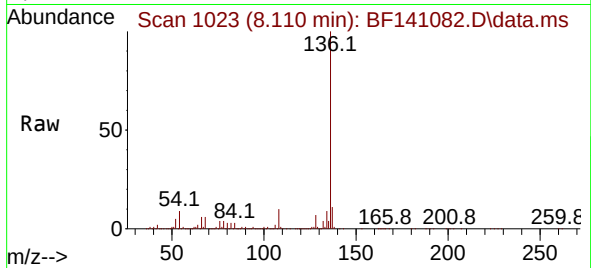




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

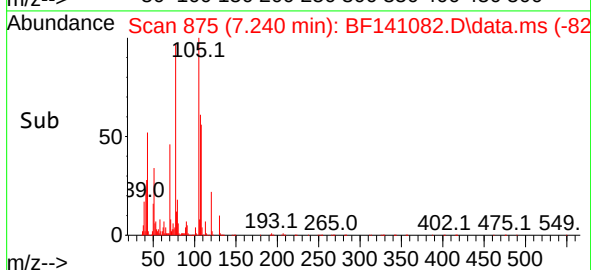
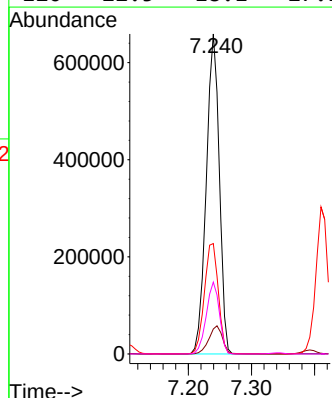
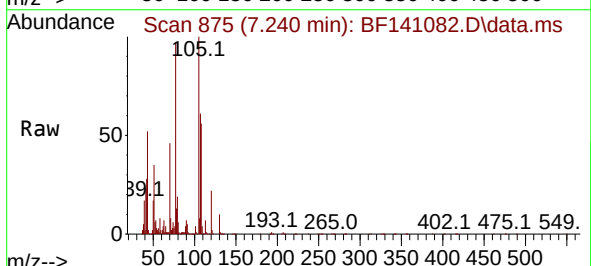
Instrument :
BNA_F
ClientSampleId :
PB165980BS

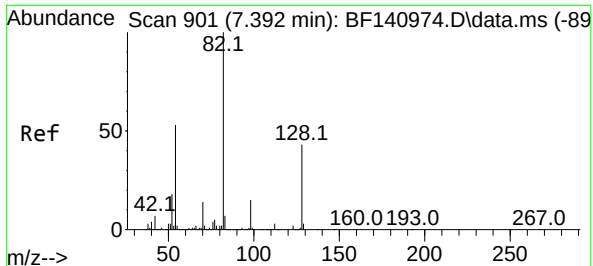
Tgt Ion:	136	Resp:	999479
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.6	7.6	11.4
68	6.5	5.6	8.4



#22
Acetophenone
Concen: 38.524 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:	105	Resp:	944548
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.1	9.1
51	34.5	25.8	38.6
120	22.5	18.1	27.1





#23

Nitrobenzene-d5

Concen: 92.413 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

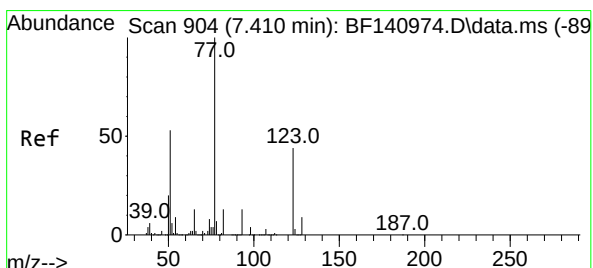
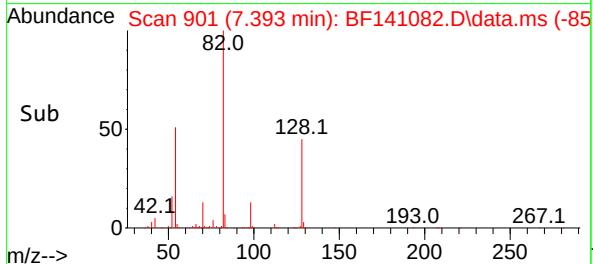
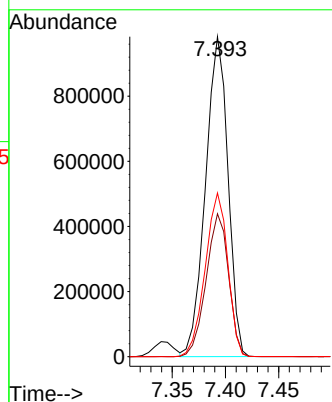
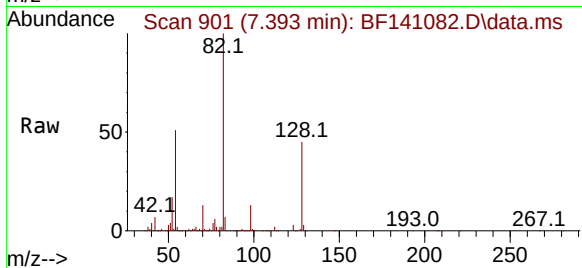
BNA_F

ClientSampleId :

PB165980BS

Tgt Ion: 82 Resp: 1443694

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.4	51.6
54	51.1	42.4	63.6



#24

Nitrobenzene

Concen: 43.835 ng

RT: 7.410 min Scan# 904

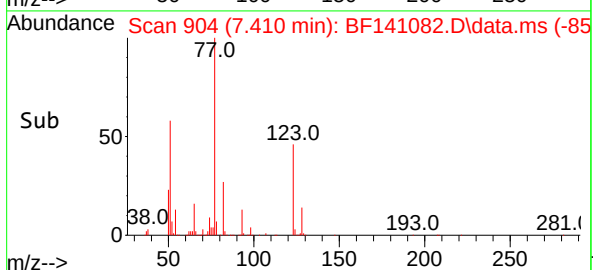
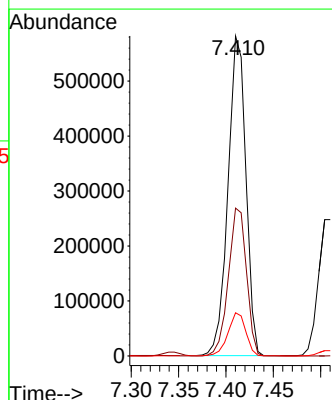
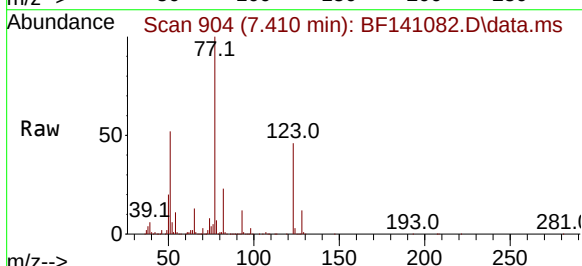
Delta R.T. 0.000 min

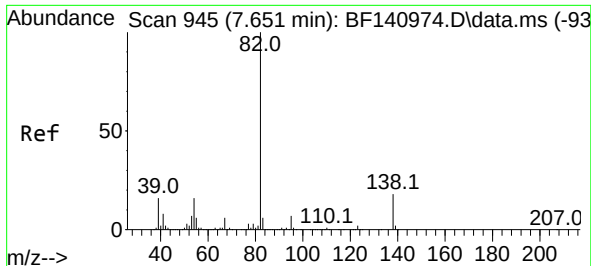
Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Tgt Ion: 77 Resp: 765192

Ion	Ratio	Lower	Upper
77	100		
123	46.2	35.4	53.2
65	13.5	10.7	16.1

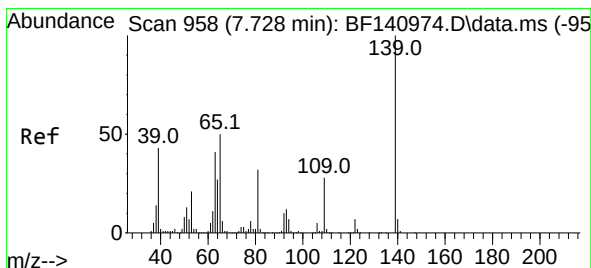
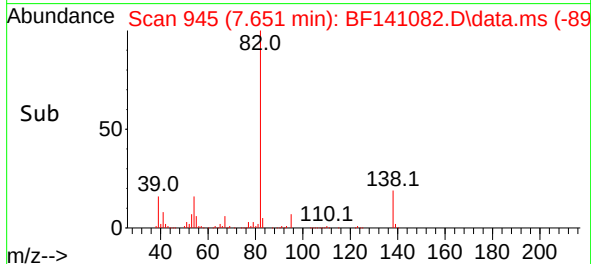
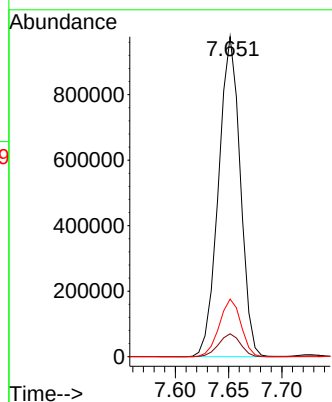
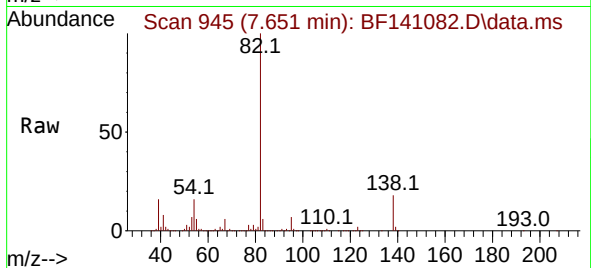




#25
Isophorone
Concen: 40.708 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

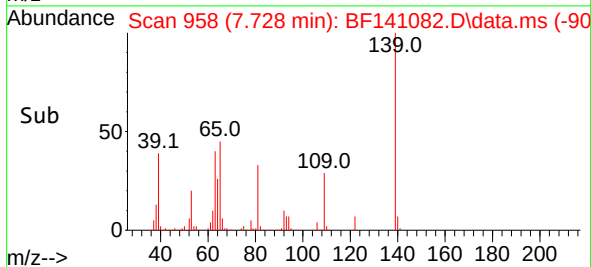
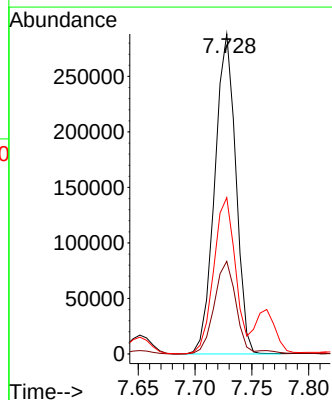
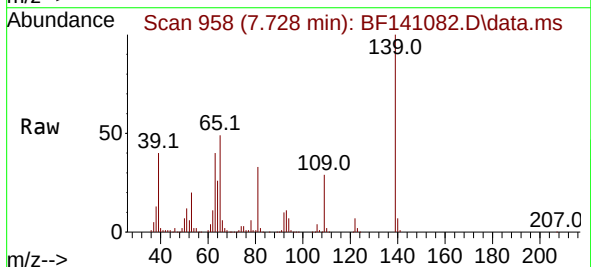
Instrument :
BNA_F
ClientSampleId :
PB165980BS

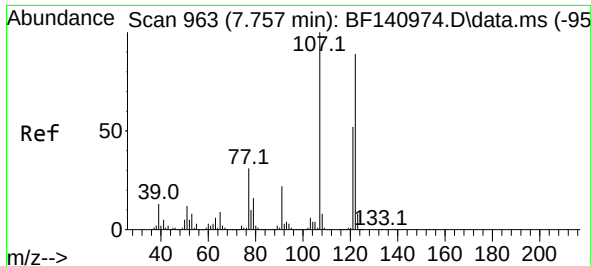
Tgt Ion: 82 Resp: 1383857
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.0 14.6 21.8



#26
2-Nitrophenol
Concen: 51.542 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:139 Resp: 371864
Ion Ratio Lower Upper
139 100
109 29.0 22.2 33.4
65 48.9 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 47.874 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

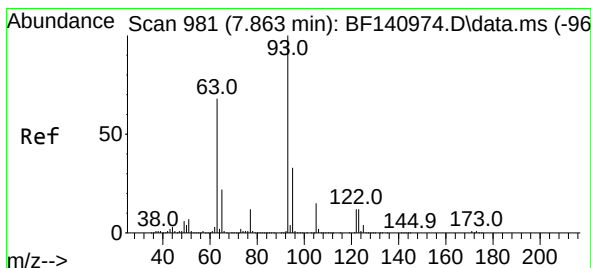
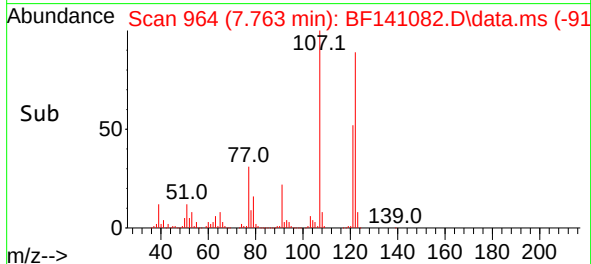
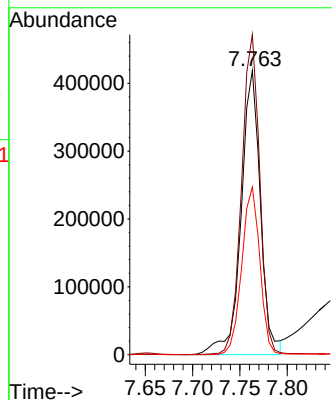
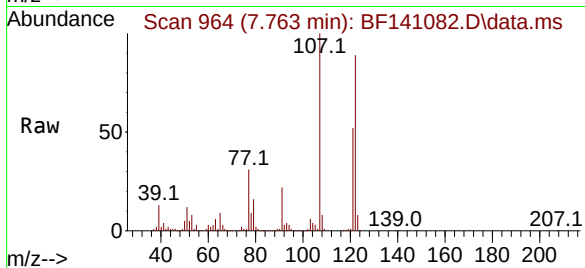
Tgt Ion:122 Resp: 594795

Ion Ratio Lower Upper

122 100

107 112.6 89.4 134.2

121 59.0 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.072 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

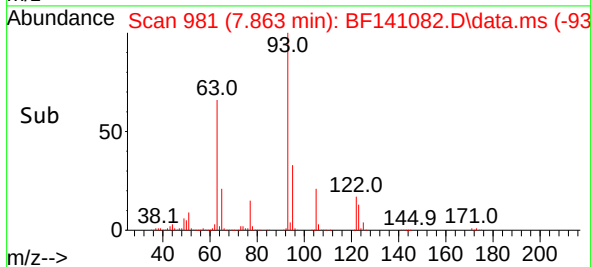
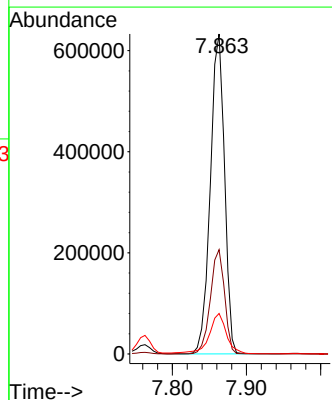
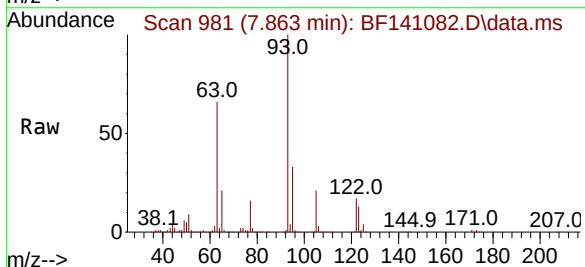
Tgt Ion: 93 Resp: 841546

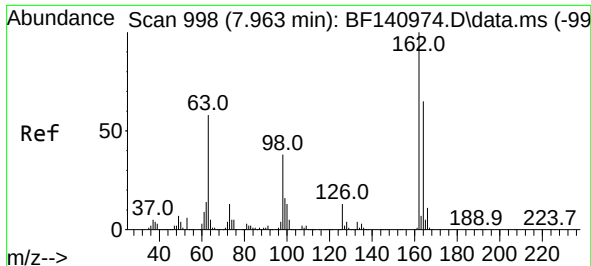
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 12.7 9.9 14.9

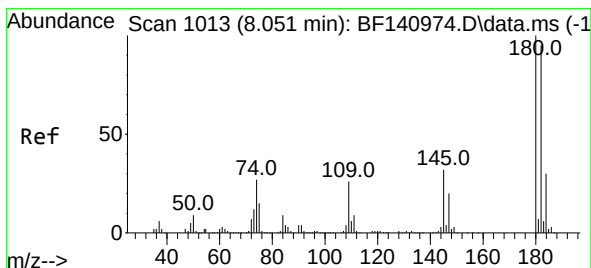
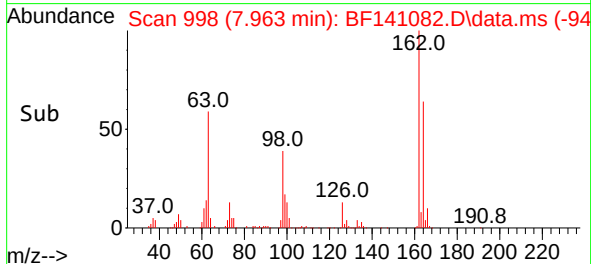
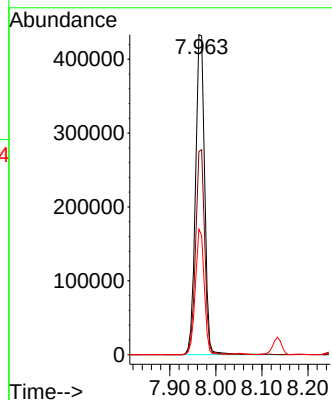
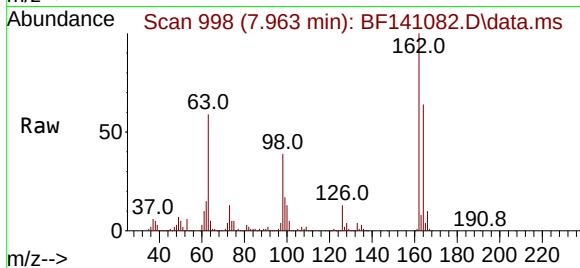




#29
2,4-Dichlorophenol
Concen: 42.331 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

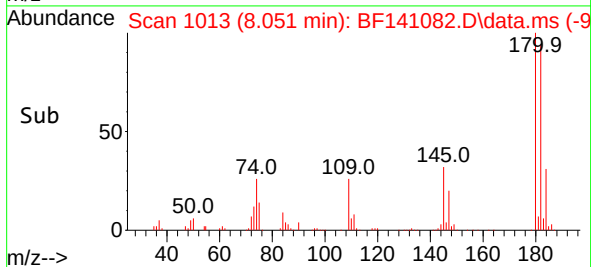
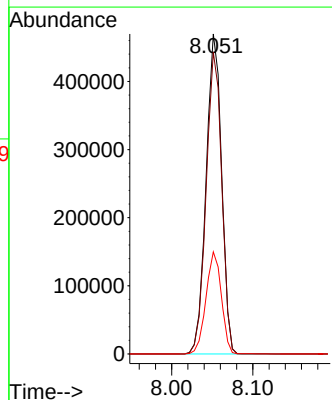
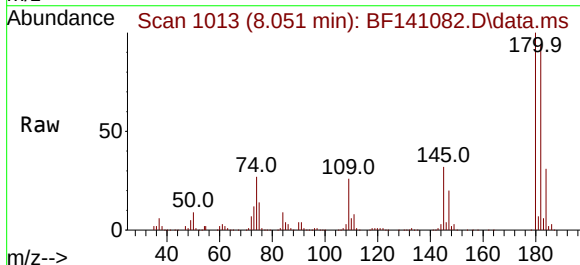
Instrument :
BNA_F
ClientSampleId :
PB165980BS

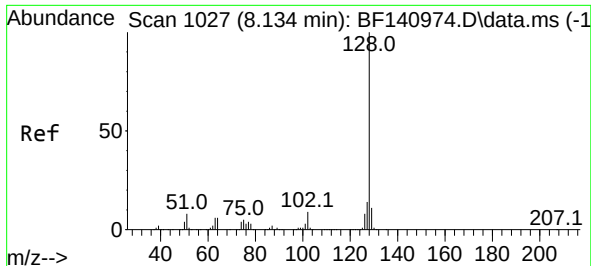
Tgt Ion:162 Resp: 596474
Ion Ratio Lower Upper
162 100
164 63.5 44.8 84.8
98 39.2 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 38.965 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:180 Resp: 621440
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.4
145 31.9 25.4 38.2

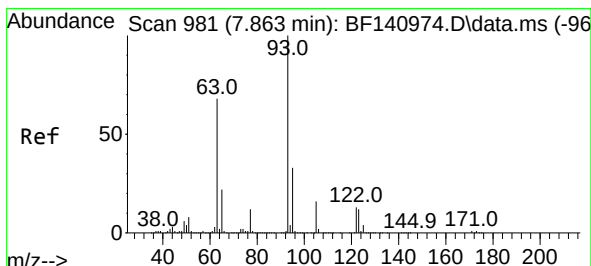
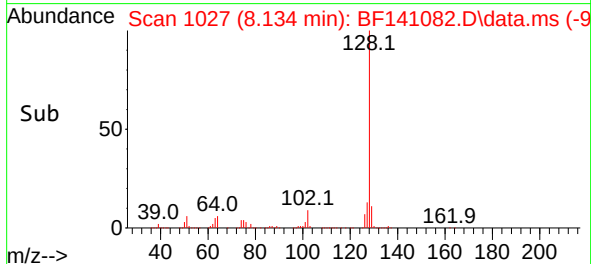
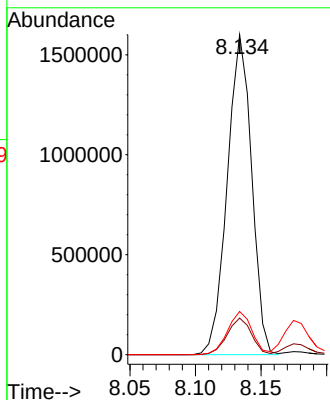
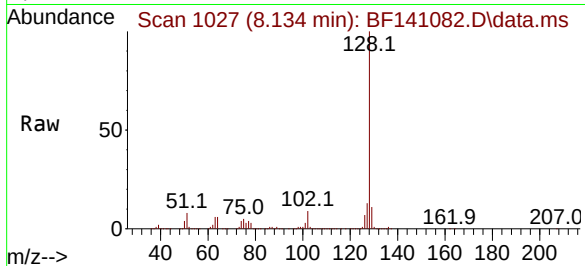




#31
Naphthalene
Concen: 39.323 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

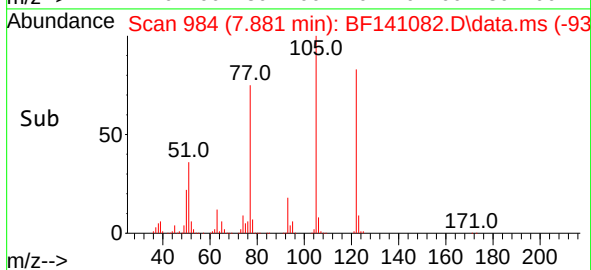
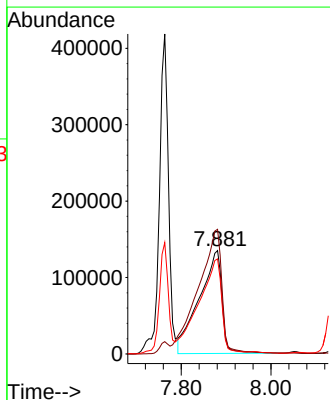
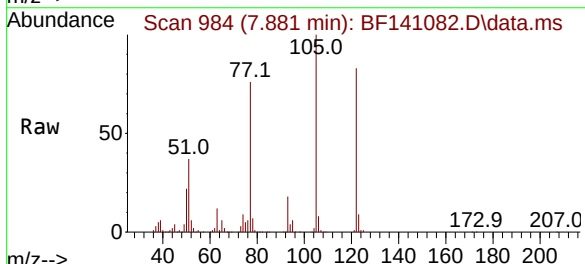
Instrument :
BNA_F
ClientSampleId :
PB165980BS

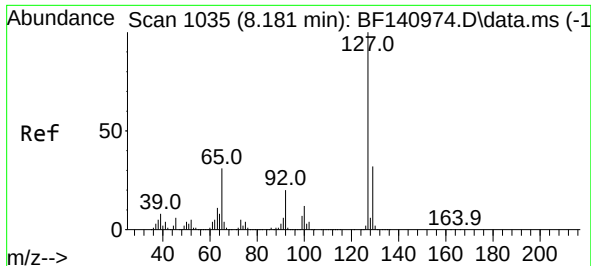
Tgt Ion:128 Resp: 2070982
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 46.661 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:122 Resp: 474468
Ion Ratio Lower Upper
122 100
105 120.5 105.4 145.4
77 92.0 76.4 116.4

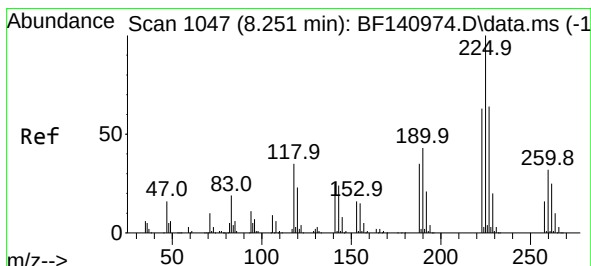
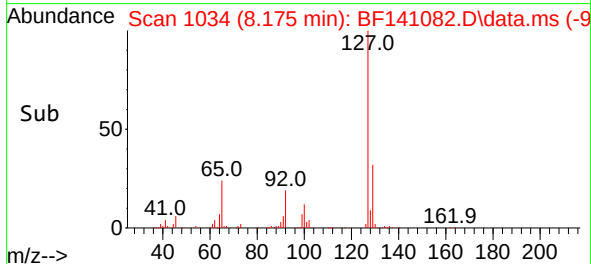
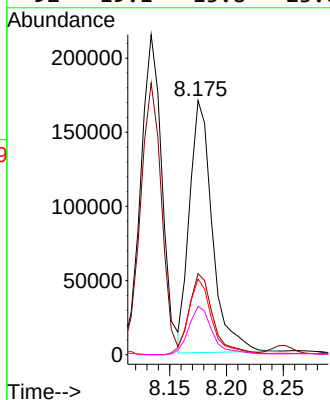
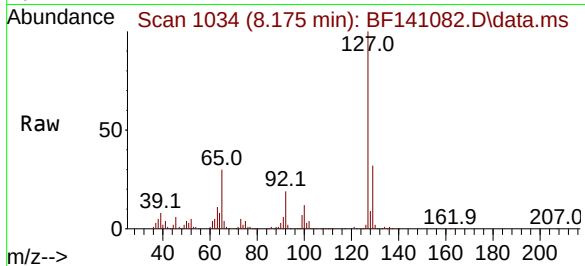




#33
4-Chloroaniline
Concen: 12.510 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

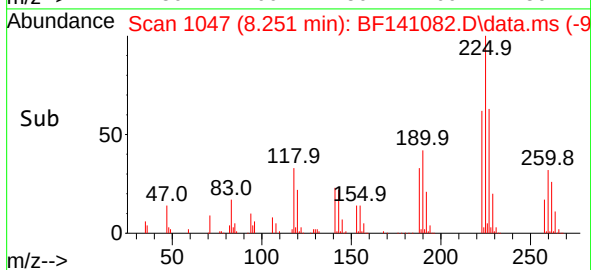
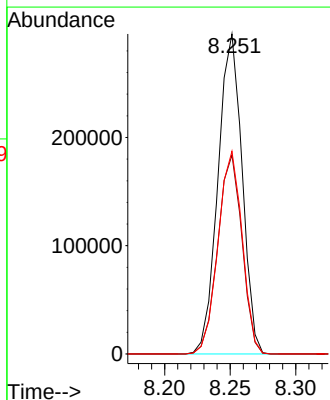
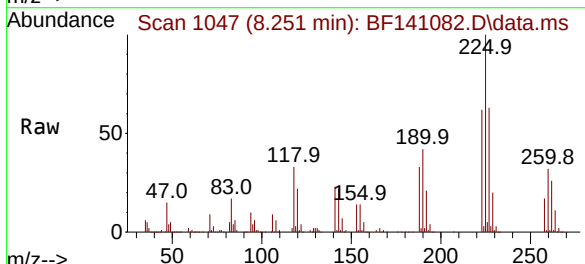
Instrument :
BNA_F
ClientSampleId :
PB165980BS

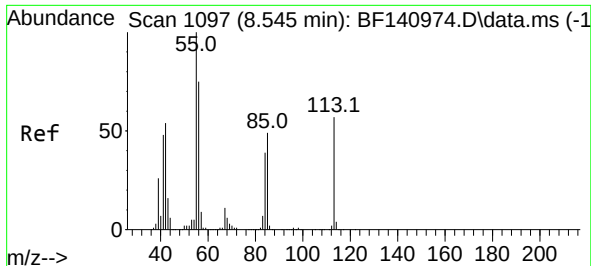
Tgt Ion:	127	Resp:	238360
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	29.7	24.6	37.0
92	19.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.199 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:	225	Resp:	377955
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	63.3	50.8	76.2

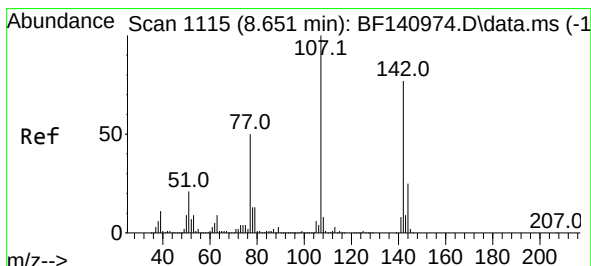
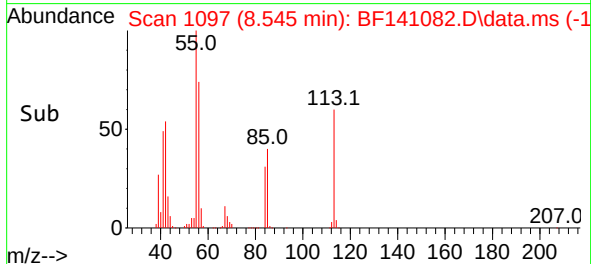
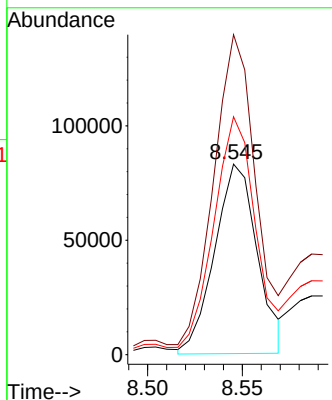
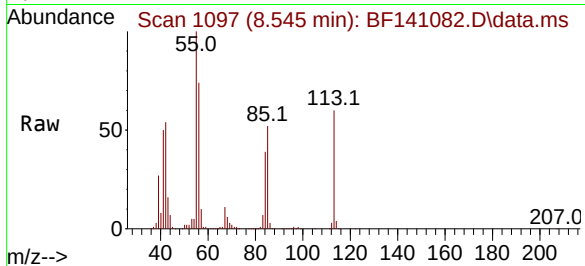




#35
 Caprolactam
 Concen: 27.075 ng
 RT: 8.545 min Scan# 1097
 Delta R.T. 0.000 min
 Lab File: BF141082.D
 Acq: 08 Jan 2025 14:24

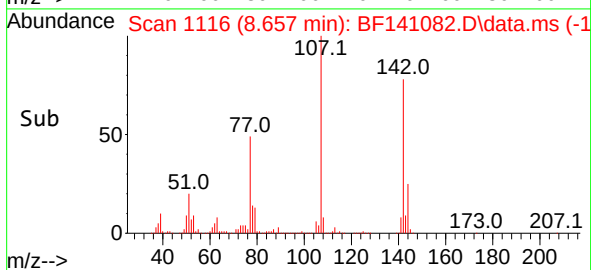
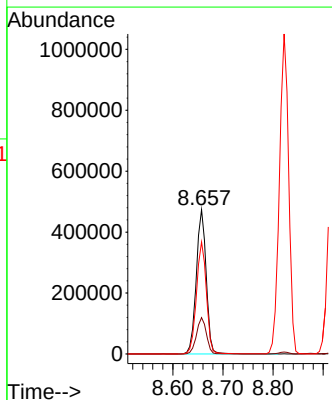
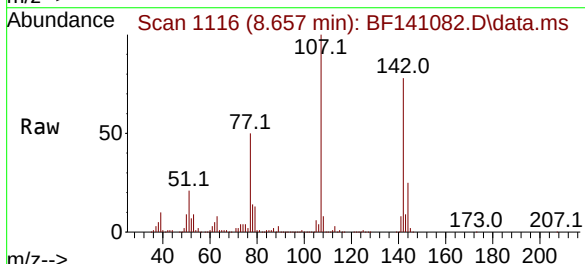
Instrument :
 BNA_F
 ClientSampleId :
 PB165980BS

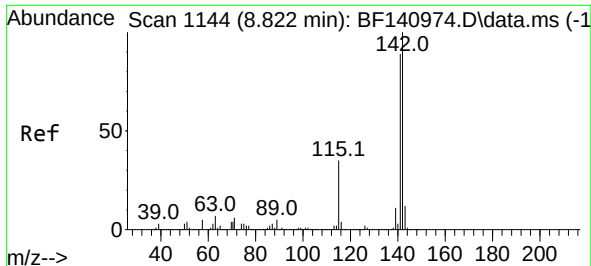
Tgt Ion:113 Resp: 129697
 Ion Ratio Lower Upper
 113 100
 55 168.0 156.6 196.6
 56 124.9 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.468 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141082.D
 Acq: 08 Jan 2025 14:24

Tgt Ion:107 Resp: 648909
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.9 29.9
 142 77.5 61.8 92.8

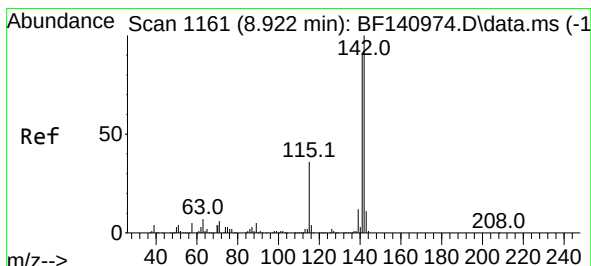
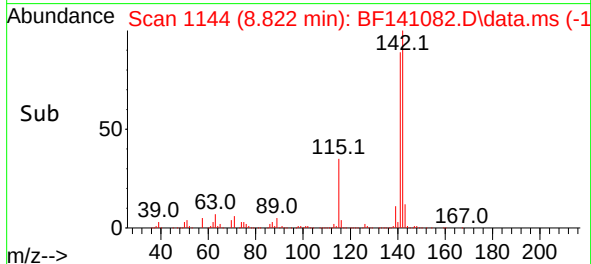
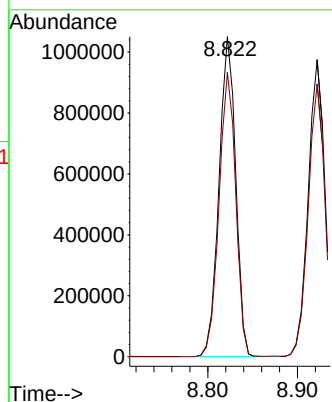
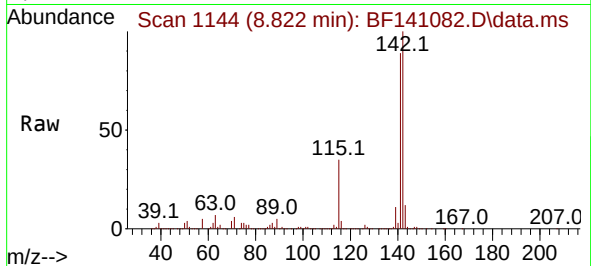




#37
2-Methylnaphthalene
Concen: 40.165 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

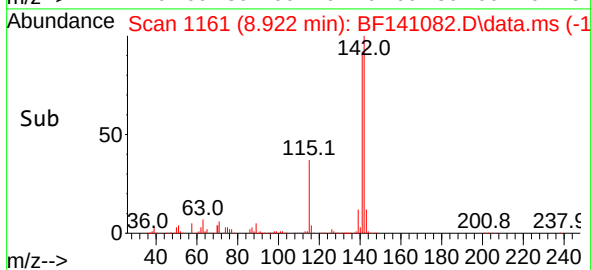
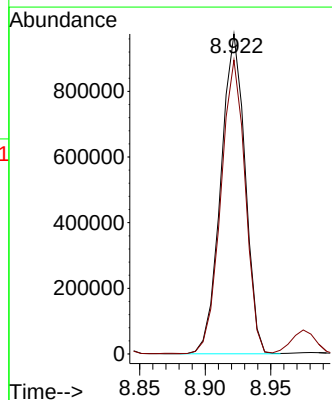
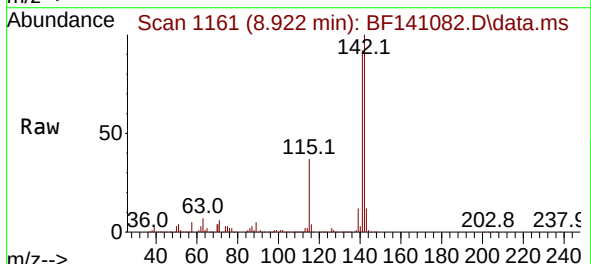
Instrument :
BNA_F
ClientSampleId :
PB165980BS

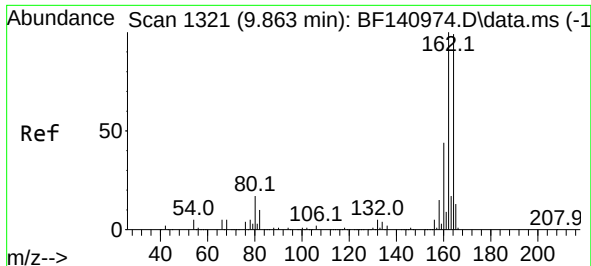
Tgt Ion:142 Resp: 1353258
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#38
1-Methylnaphthalene
Concen: 37.974 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:142 Resp: 1257409
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1

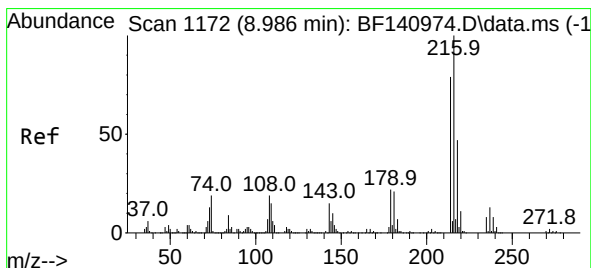
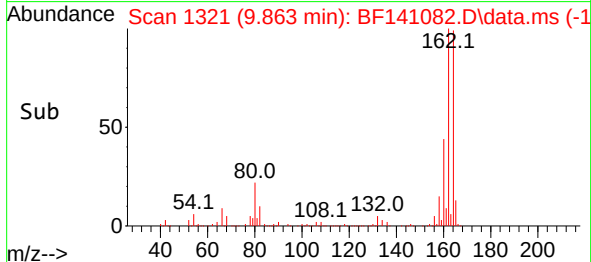
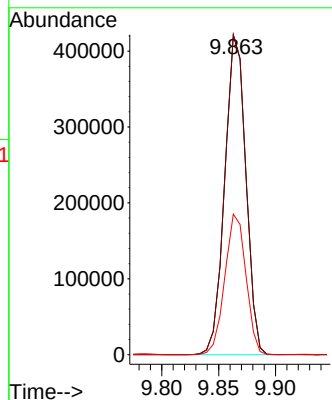
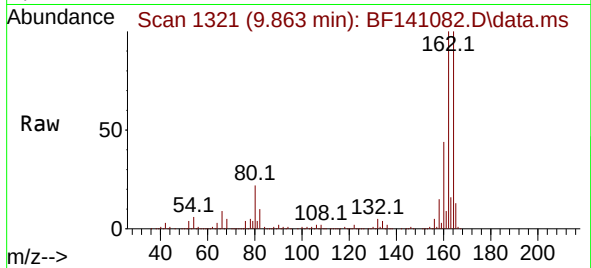




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

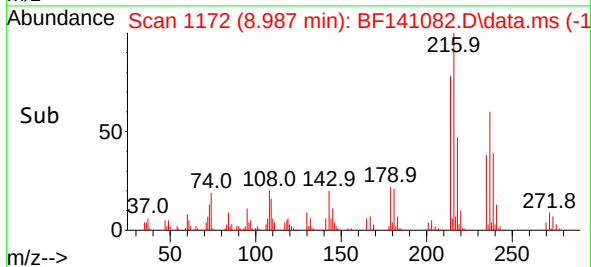
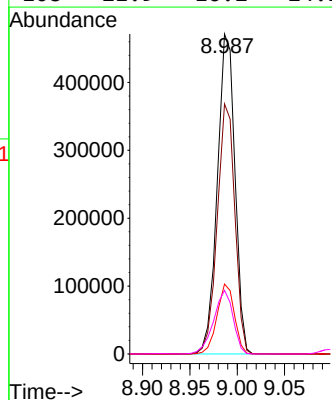
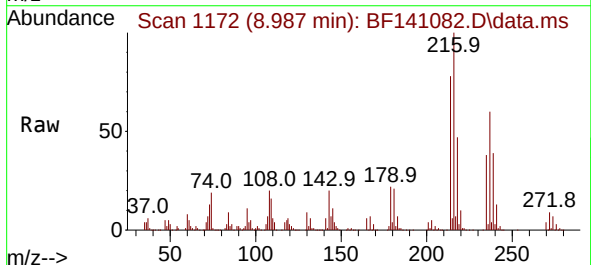
Instrument :
BNA_F
ClientSampleId :
PB165980BS

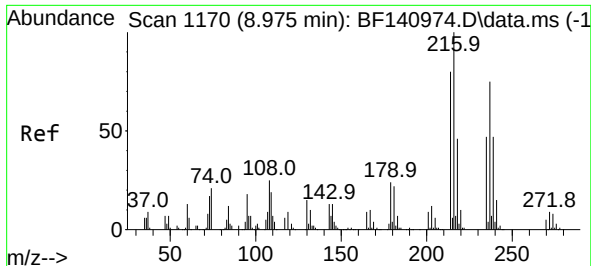
Tgt Ion:164 Resp: 543557
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 43.9 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.833 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

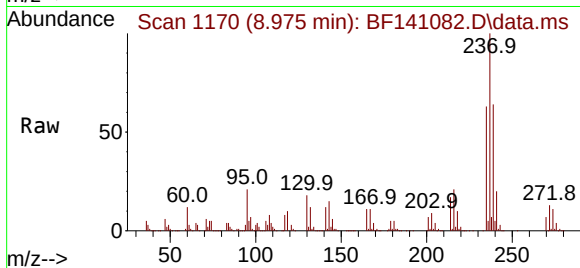
Tgt Ion:216 Resp: 610608
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.6
179 21.6 17.9 26.9
108 21.9 16.2 24.2



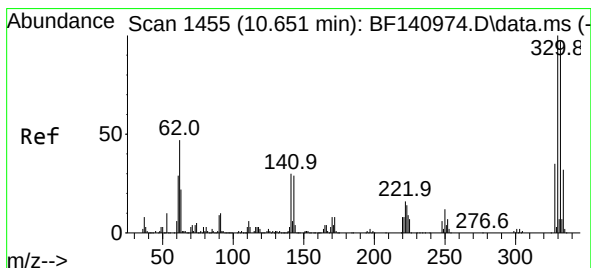
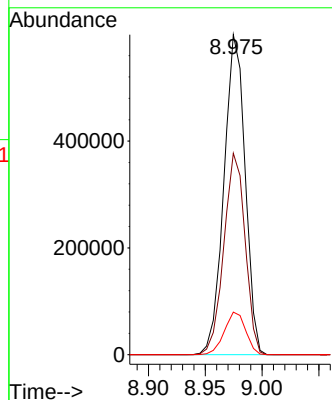
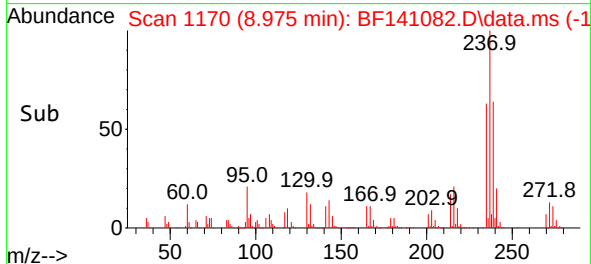


#41
Hexachlorocyclopentadiene
Concen: 157.251 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

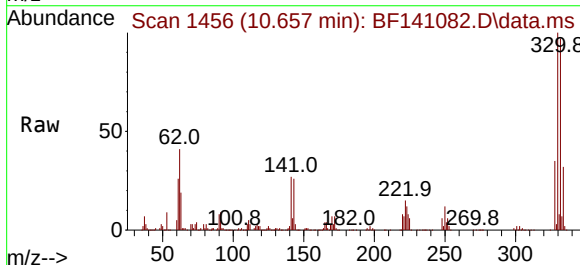
Instrument :
BNA_F
ClientSampleId :
PB165980BS



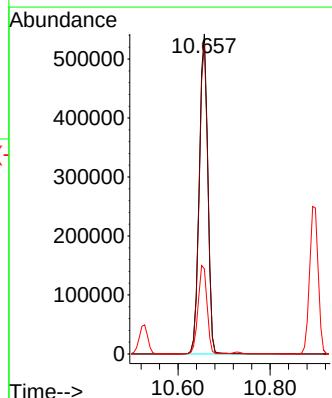
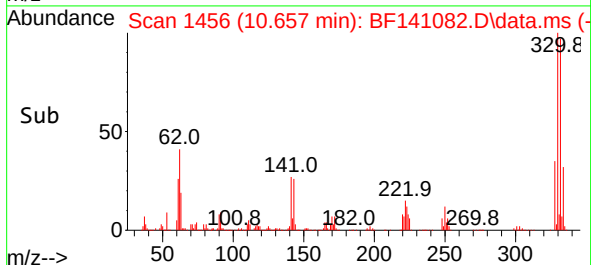
Tgt Ion:237 Resp: 779266
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.3 0.0 32.6

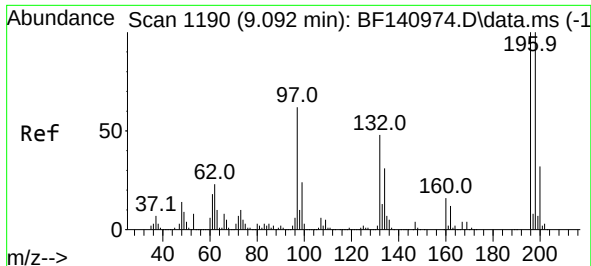


#42
2,4,6-Tribromophenol
Concen: 132.790 ng
RT: 10.657 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24



Tgt Ion:330 Resp: 701365
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 28.8 26.4 39.6

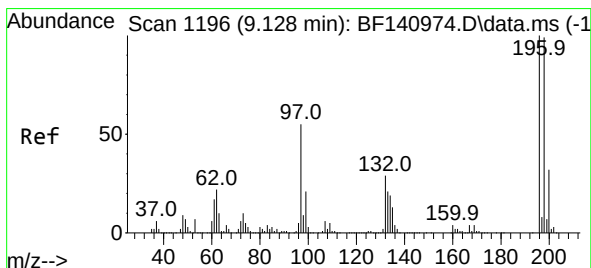
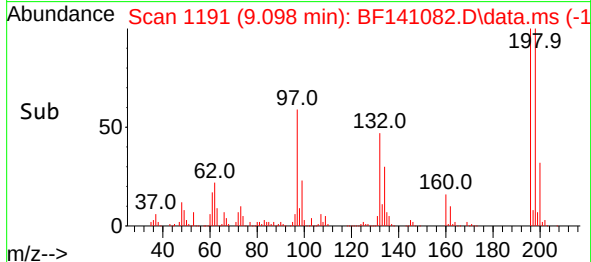
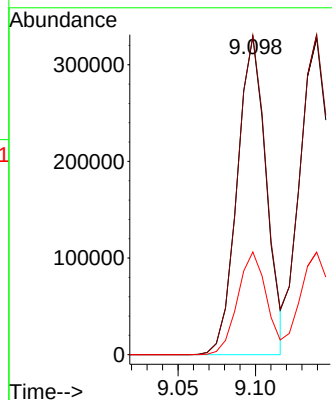
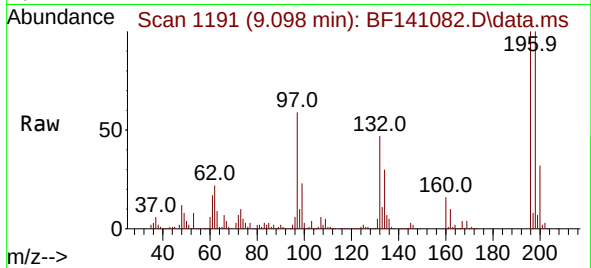




#43
2,4,6-Trichlorophenol
Concen: 43.025 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

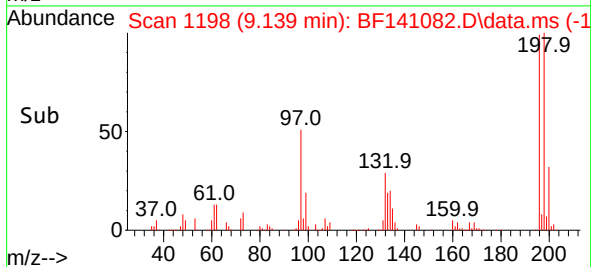
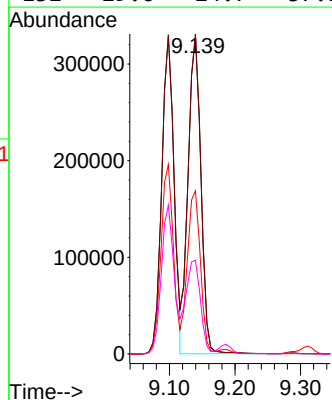
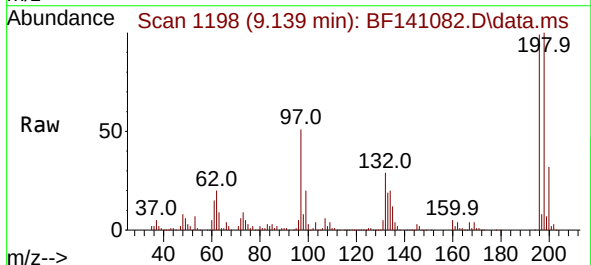
Instrument :
BNA_F
ClientSampleId :
PB165980BS

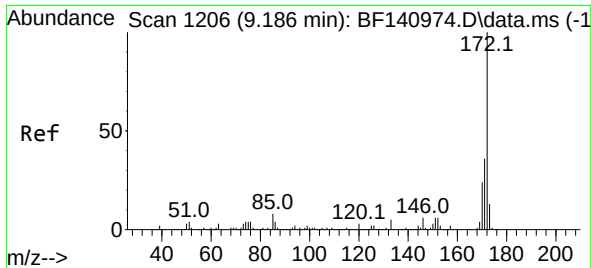
Tgt Ion:196 Resp: 428216
Ion Ratio Lower Upper
196 100
198 100.5 80.2 120.4
200 32.4 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 43.693 ng
RT: 9.139 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:196 Resp: 444941
Ion Ratio Lower Upper
196 100
198 101.1 79.9 119.9
97 51.6 44.3 66.5
132 29.6 24.7 37.1

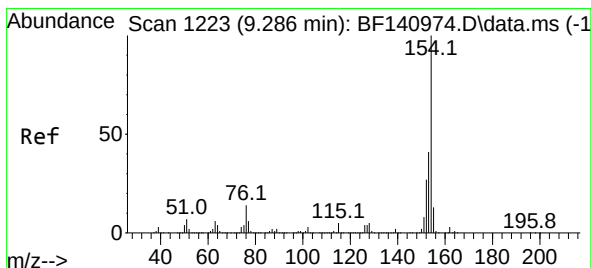
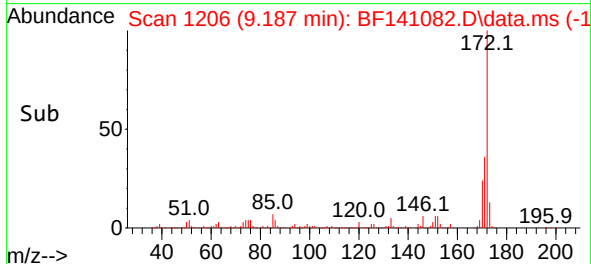
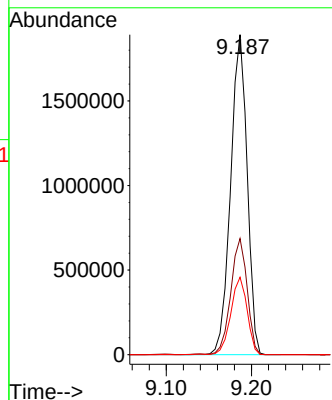
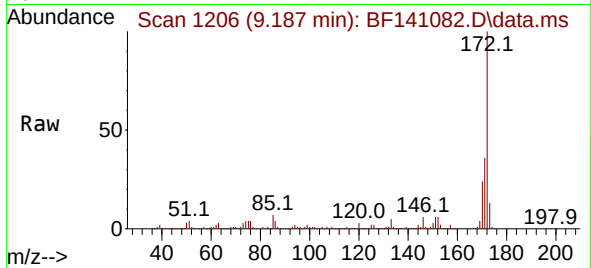




#45
2-Fluorobiphenyl
Concen: 74.785 ng
RT: 9.187 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

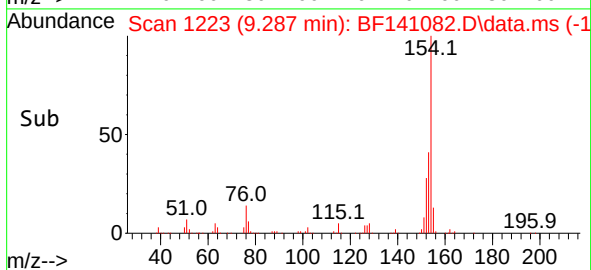
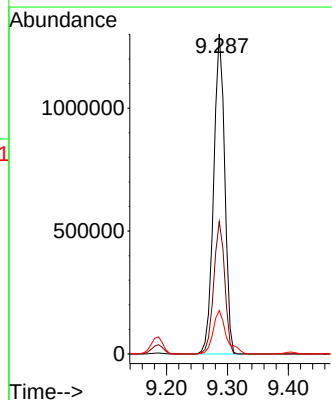
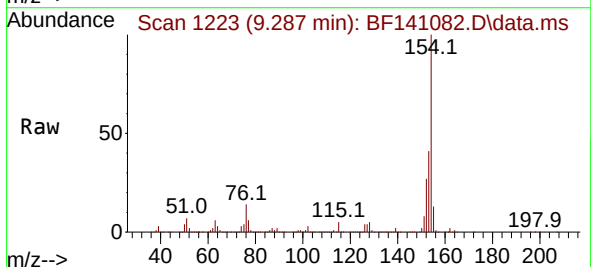
Instrument :
BNA_F
ClientSampleId :
PB165980BS

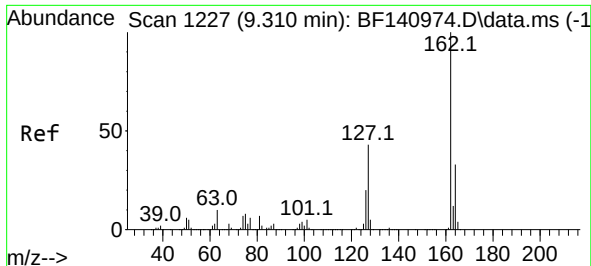
Tgt Ion:172 Resp: 2551401
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.2 19.6 29.4



#46
1,1'-Biphenyl
Concen: 39.432 ng
RT: 9.287 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:154 Resp: 1641160
Ion Ratio Lower Upper
154 100
153 41.4 20.9 60.9
76 13.6 0.0 34.0

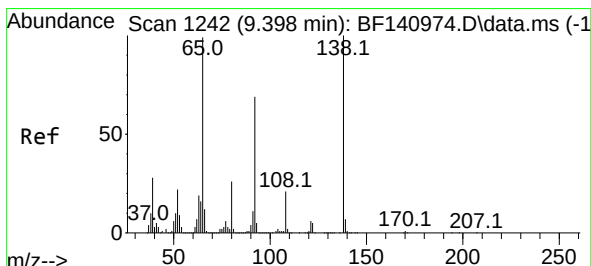
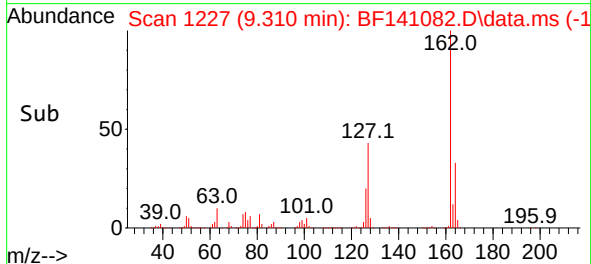
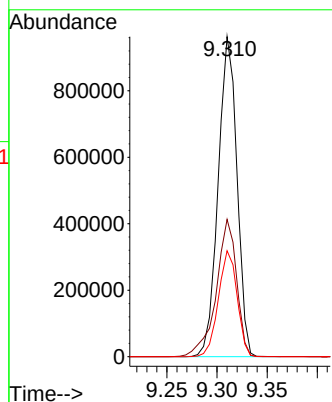
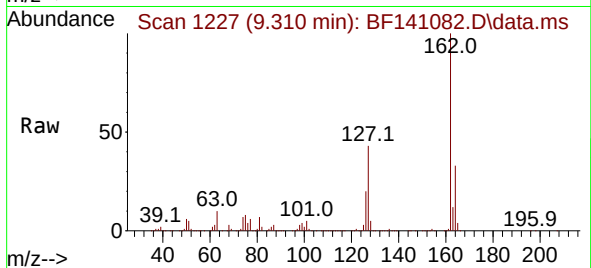




#47
2-Chloronaphthalene
Concen: 38.870 ng
RT: 9.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

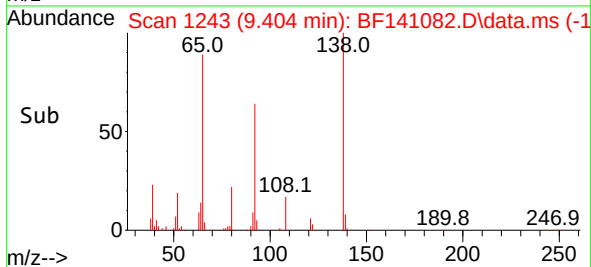
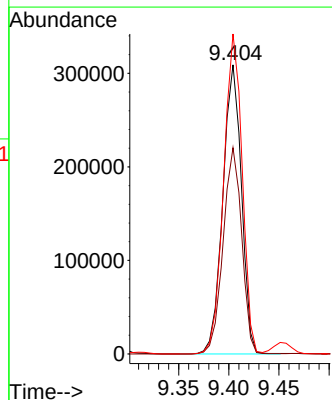
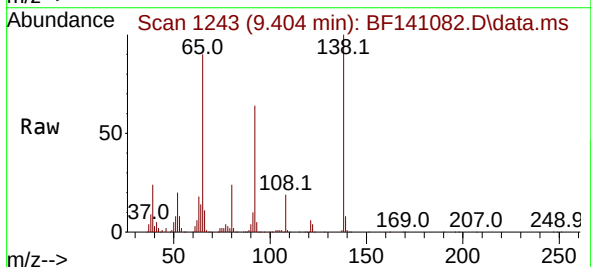
Instrument :
BNA_F
ClientSampleId :
PB165980BS

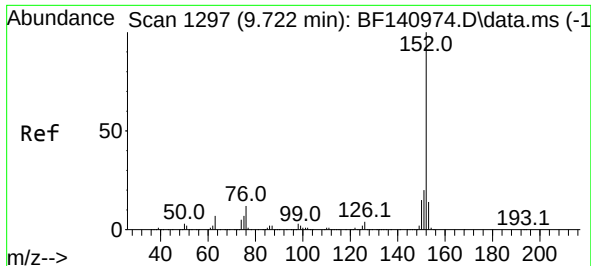
Tgt Ion:162 Resp: 1254674
Ion Ratio Lower Upper
162 100
127 42.9 34.2 51.4
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 47.324 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion: 65 Resp: 399015
Ion Ratio Lower Upper
65 100
92 71.3 55.6 83.4
138 110.7 80.5 120.7

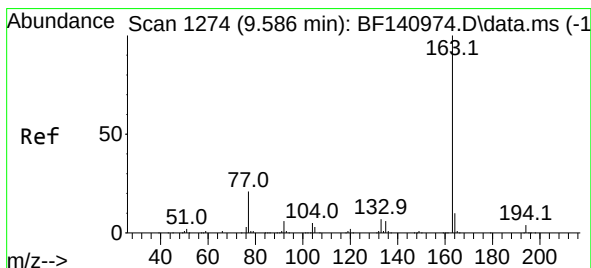
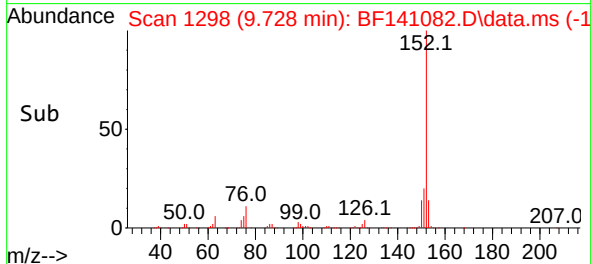
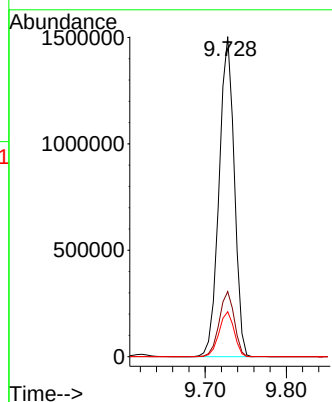
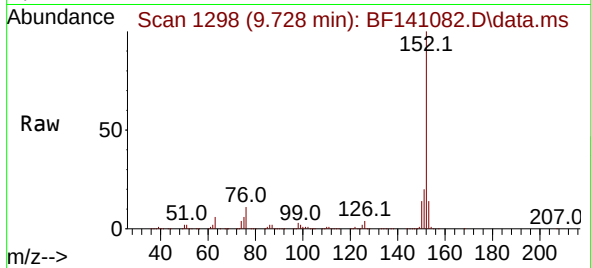




#49
Acenaphthylene
Concen: 42.173 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

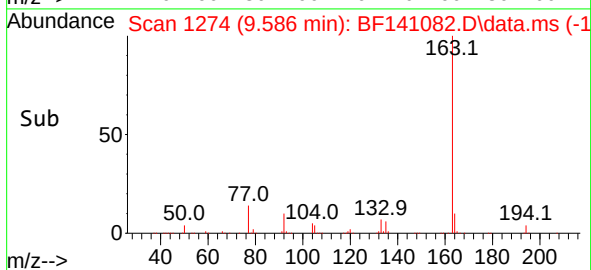
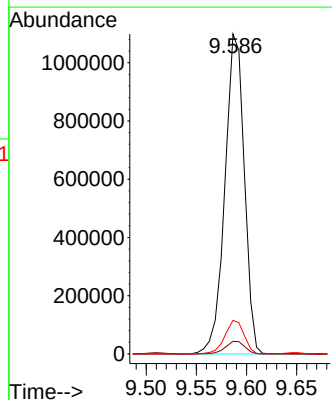
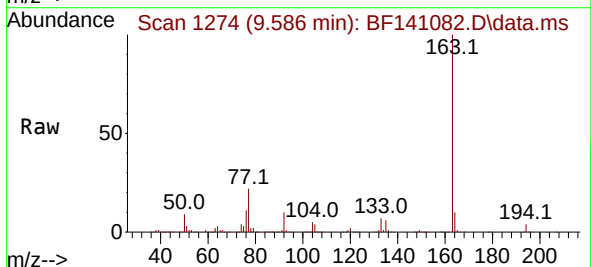
Instrument :
BNA_F
ClientSampleId :
PB165980BS

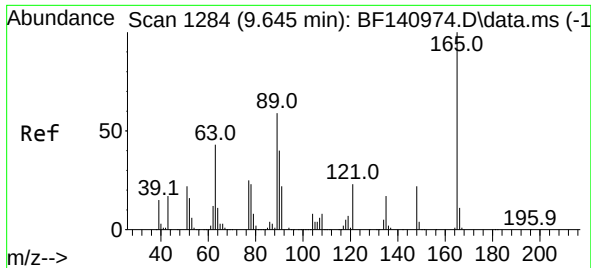
Tgt Ion:152 Resp: 1959643
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 14.0 11.4 17.0



#50
Dimethylphthalate
Concen: 41.290 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:163 Resp: 1476243
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.3 12.5

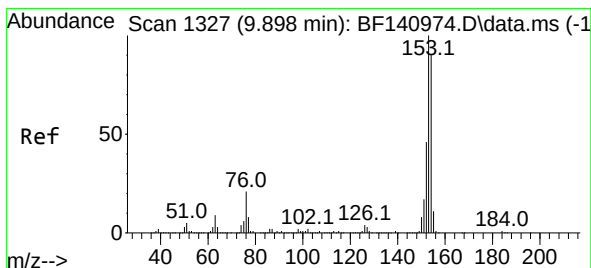
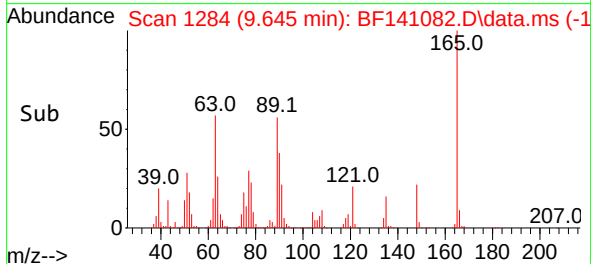
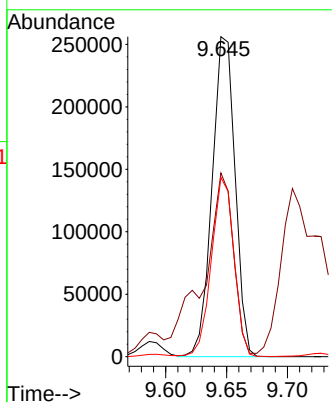
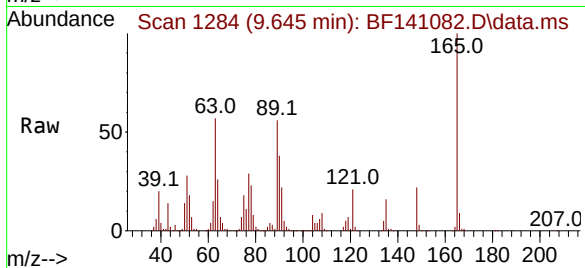




#51
2,6-Dinitrotoluene
Concen: 46.295 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

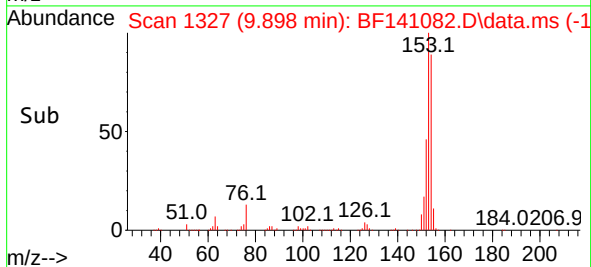
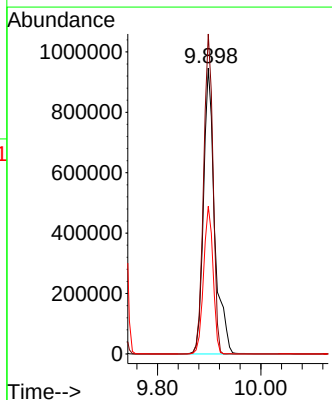
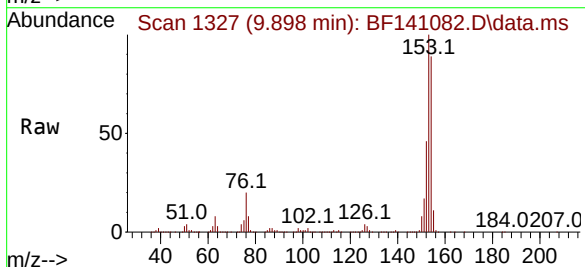
Instrument :
BNA_F
ClientSampleId :
PB165980BS

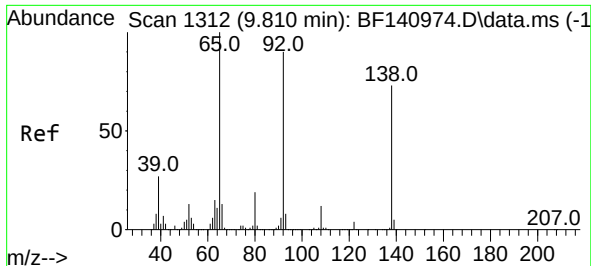
Tgt Ion:165 Resp: 336529
Ion Ratio Lower Upper
165 100
63 57.4 47.1 70.7
89 56.0 47.0 70.4



#52
Acenaphthene
Concen: 45.330 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:154 Resp: 1424013
Ion Ratio Lower Upper
154 100
153 111.9 89.2 133.8
152 51.7 40.9 61.3

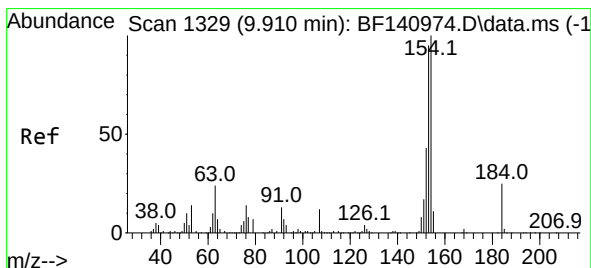
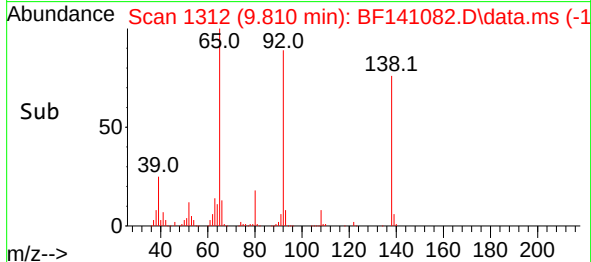
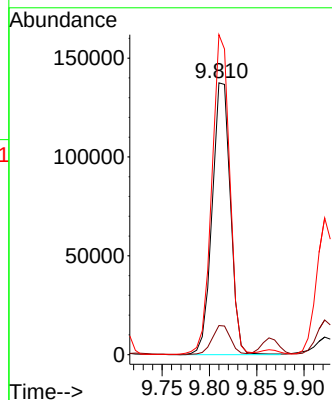
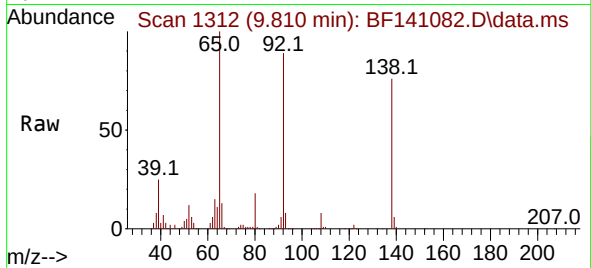




#53
3-Nitroaniline
Concen: 24.943 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

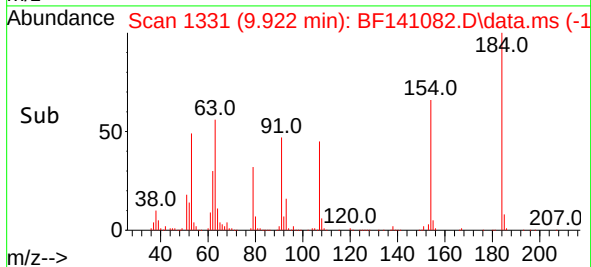
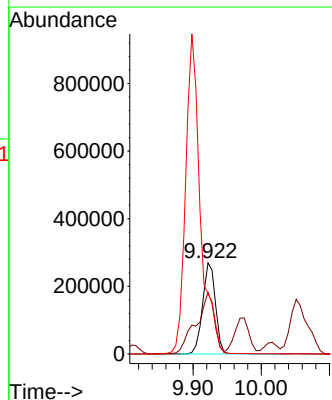
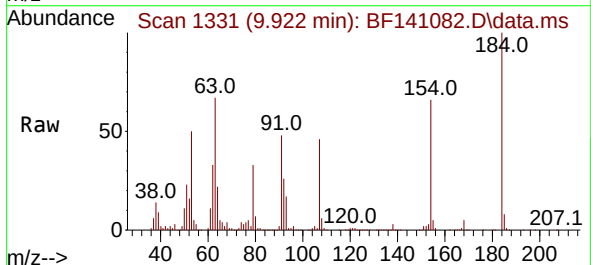
Instrument :
BNA_F
ClientSampleId :
PB165980BS

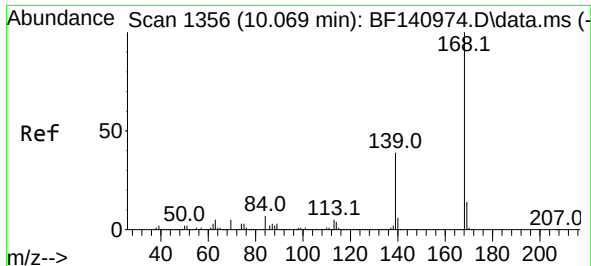
Tgt Ion:138 Resp: 184436
Ion Ratio Lower Upper
138 100
108 10.7 13.5 20.3#
92 117.7 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 105.926 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:184 Resp: 353898
Ion Ratio Lower Upper
184 100
63 67.3 81.6 122.4#
154 66.0 363.5 545.3#

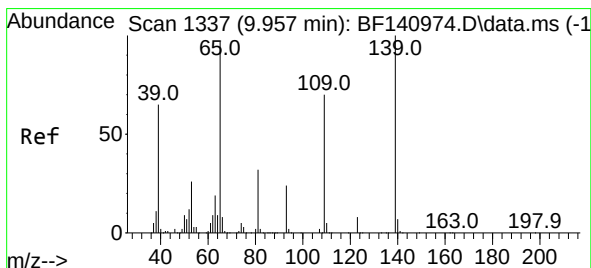
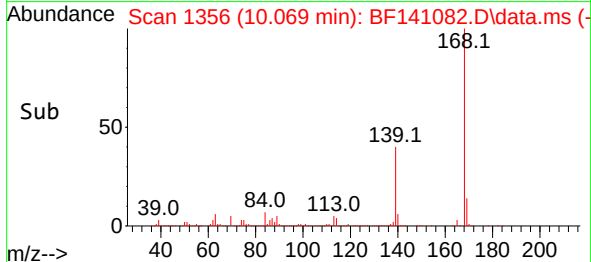
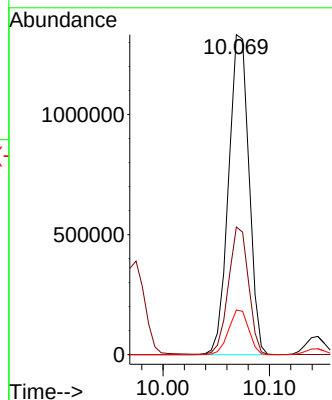
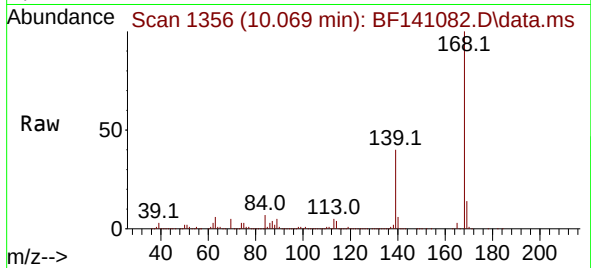




#55
Dibenzenofuran
Concen: 40.067 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

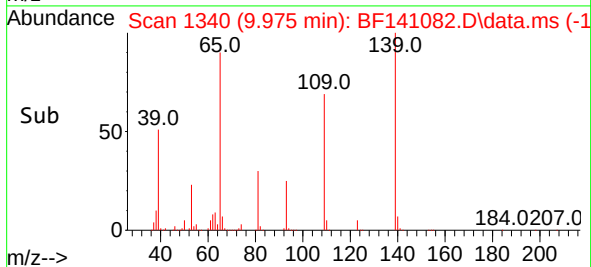
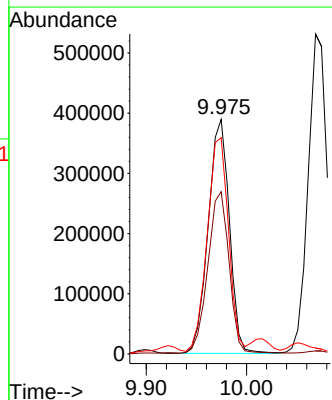
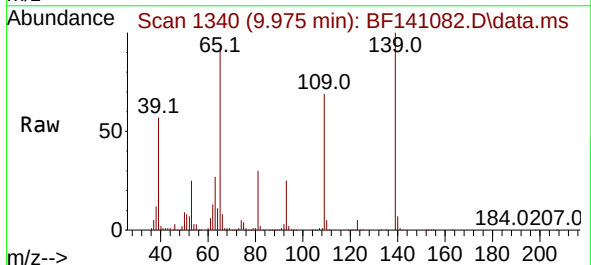
Instrument :
BNA_F
ClientSampleId :
PB165980BS

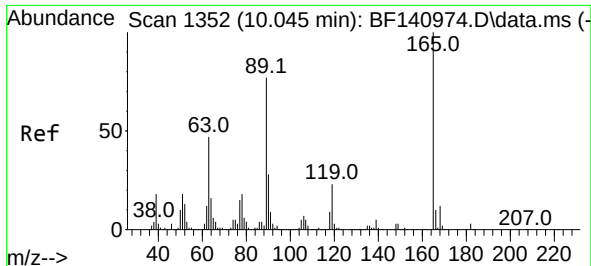
Tgt Ion:168 Resp: 1768876
Ion Ratio Lower Upper
168 100
139 39.9 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 93.687 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:139 Resp: 572978
Ion Ratio Lower Upper
139 100
109 69.1 50.8 90.8
65 92.2 78.5 118.5

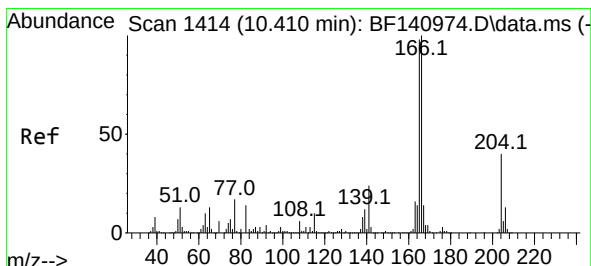
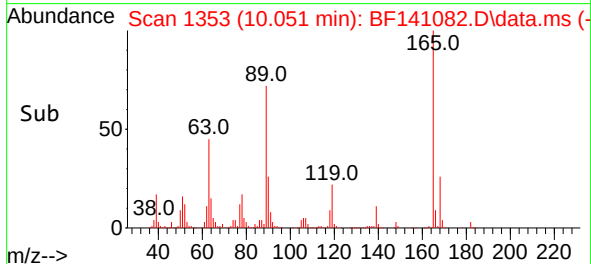
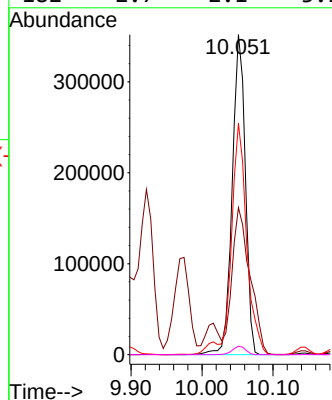
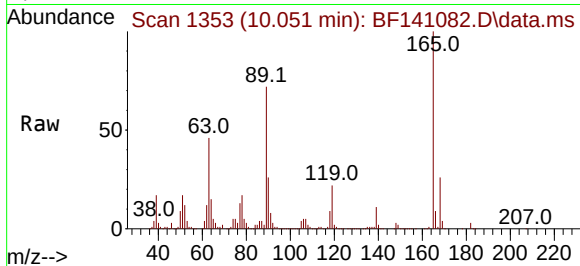




#57
2,4-Dinitrotoluene
Concen: 50.408 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

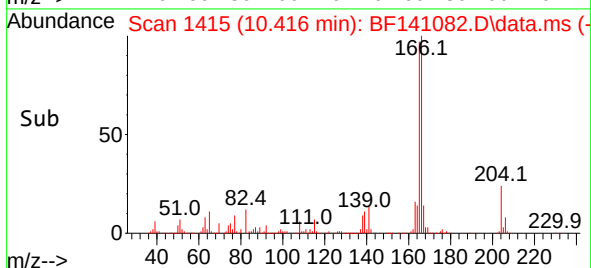
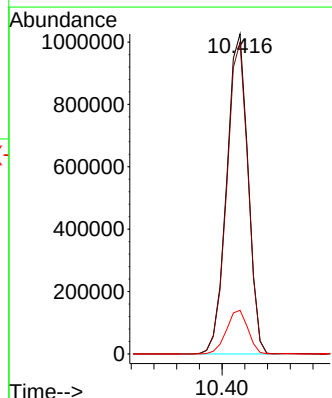
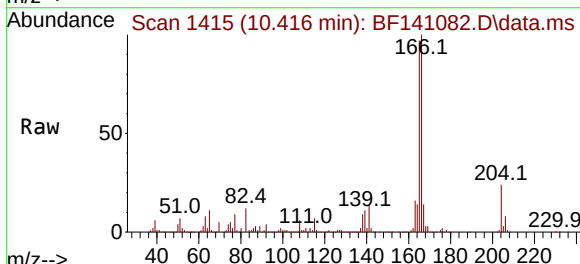
Instrument :
BNA_F
ClientSampleId :
PB165980BS

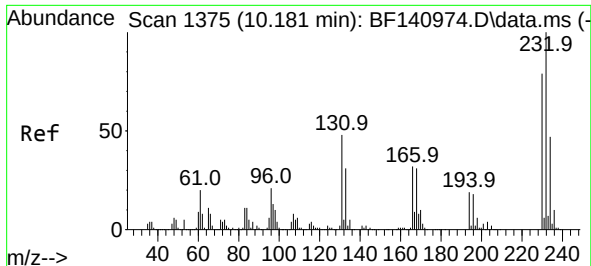
Tgt Ion:165 Resp: 451984
Ion Ratio Lower Upper
165 100
63 46.0 38.1 57.1
89 72.3 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 39.131 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:166 Resp: 1339619
Ion Ratio Lower Upper
166 100
165 97.4 78.3 117.5
167 13.6 10.9 16.3

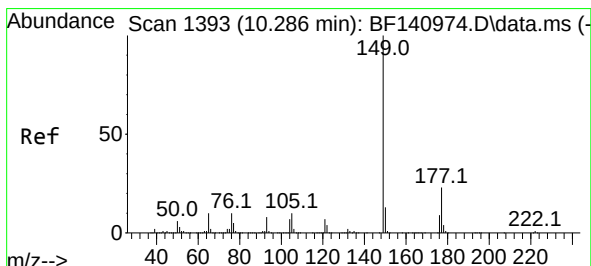
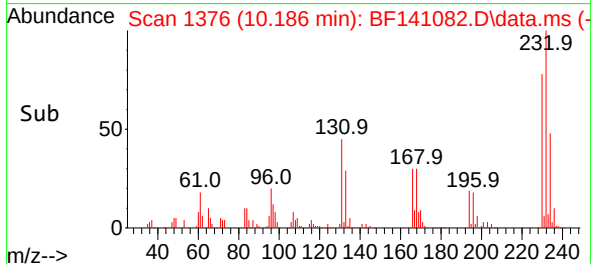
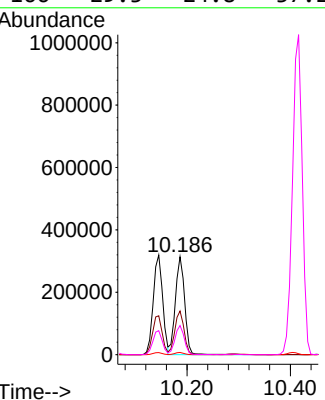
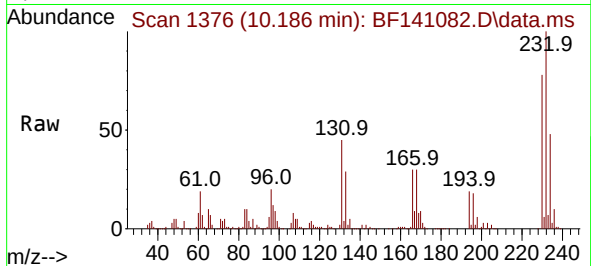




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.444 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

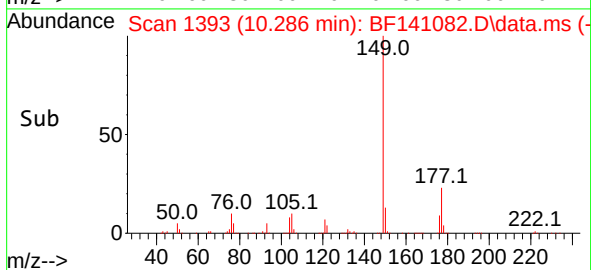
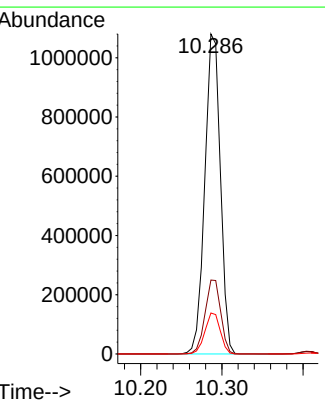
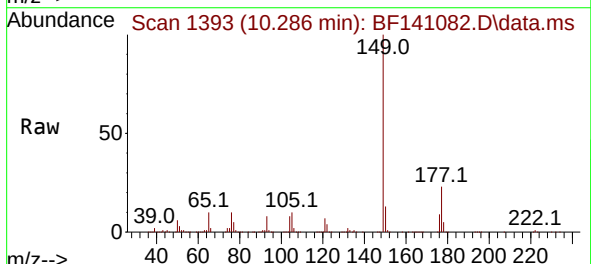
Instrument :
BNA_F
ClientSampleId :
PB165980BS

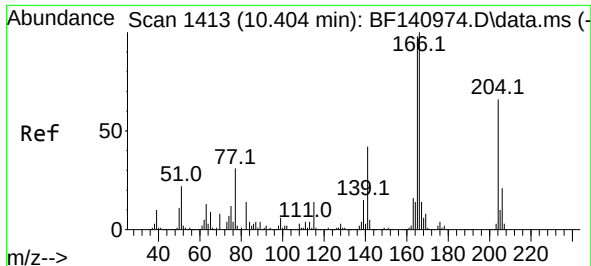
Tgt Ion:232 Resp: 391701
Ion Ratio Lower Upper
232 100
131 44.4 37.4 56.2
130 2.2 1.8 2.8
166 29.3 24.8 37.2



#60
Diethylphthalate
Concen: 40.825 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:149 Resp: 1440997
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.8 10.4 15.6

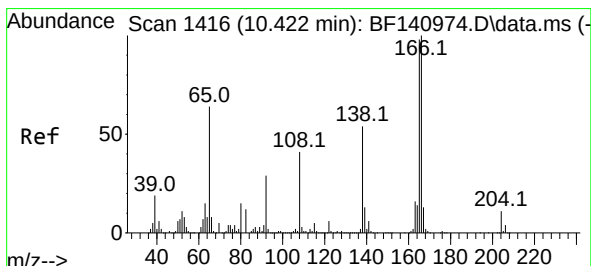
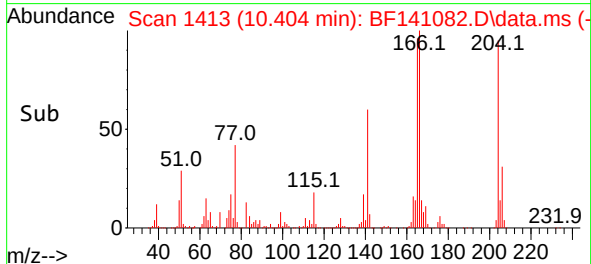
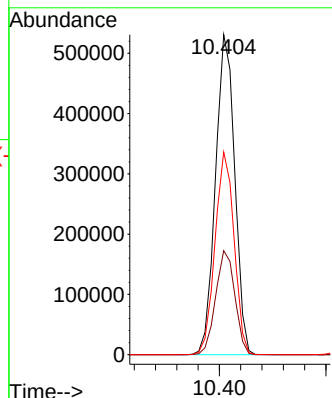
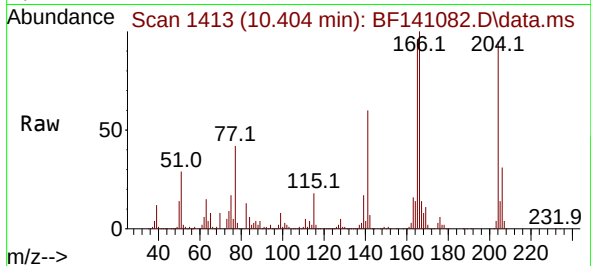




#61
4-Chlorophenyl-phenylether
Concen: 40.388 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

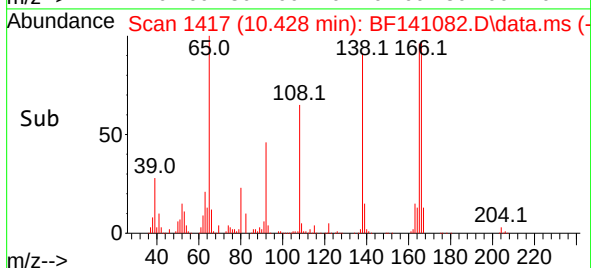
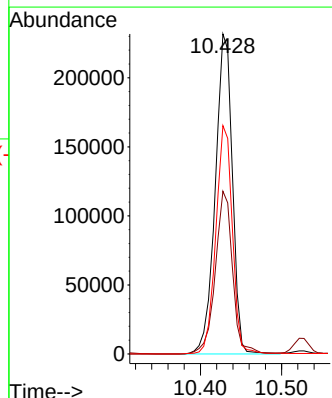
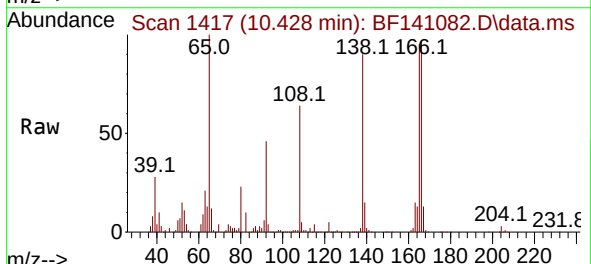
Instrument :
BNA_F
ClientSampleId :
PB165980BS

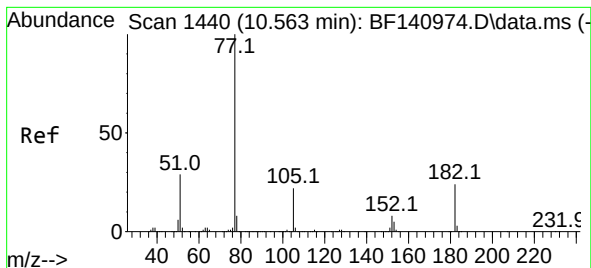
Tgt Ion:204 Resp: 665308
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 63.4 51.2 76.8



#62
4-Nitroaniline
Concen: 43.269 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:138 Resp: 339953
Ion Ratio Lower Upper
138 100
92 50.9 34.8 74.8
108 71.3 55.9 95.9





#63

Azobenzene

Concen: 39.673 ng

RT: 10.569 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

Tgt Ion: 77 Resp: 1469806

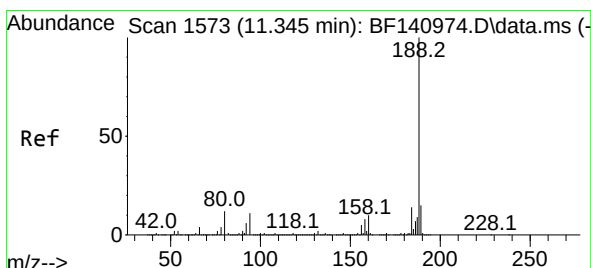
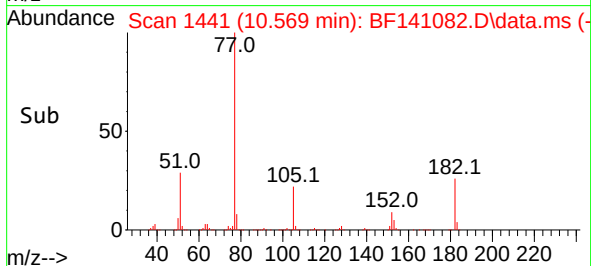
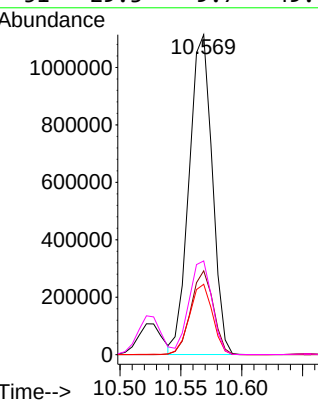
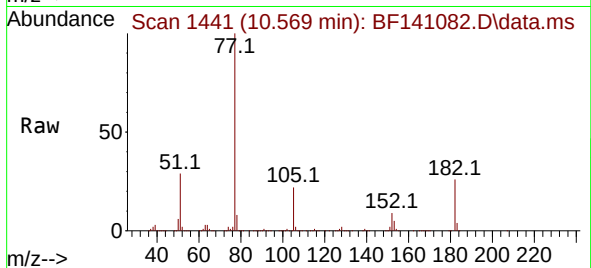
Ion Ratio Lower Upper

77 100

182 26.2 4.1 44.1

105 22.0 1.8 41.8

51 29.3 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1574

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

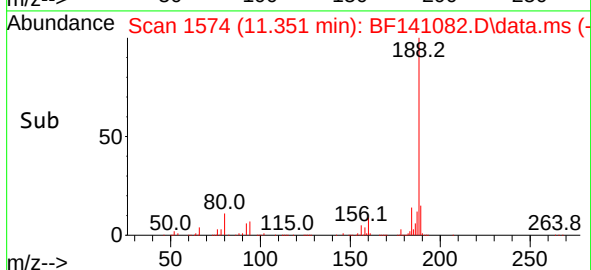
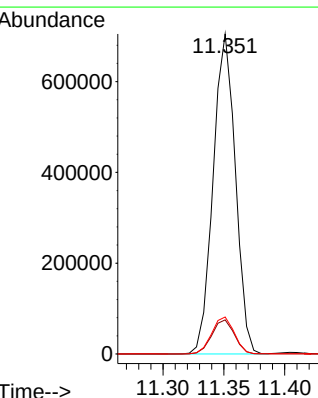
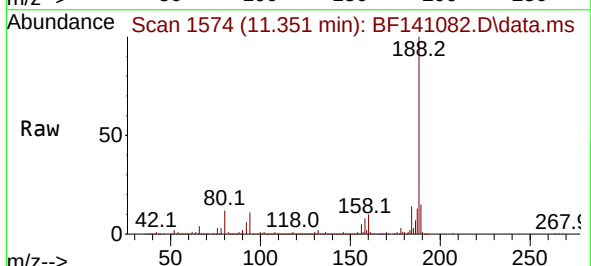
Tgt Ion:188 Resp: 896658

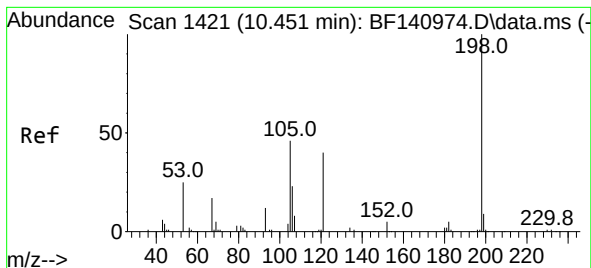
Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.6

80 11.5 9.8 14.6

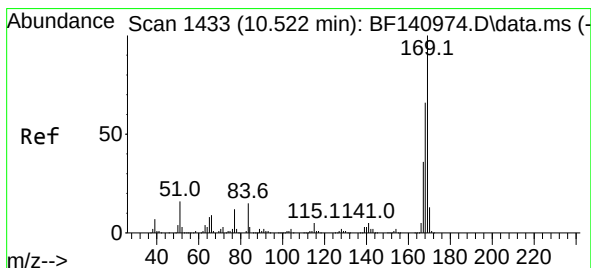
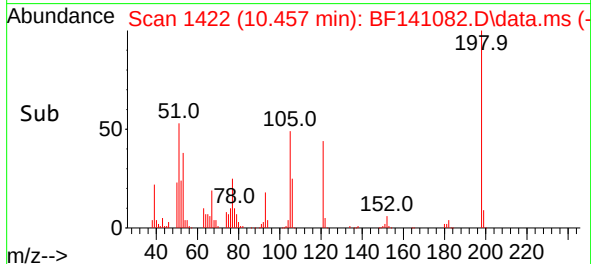
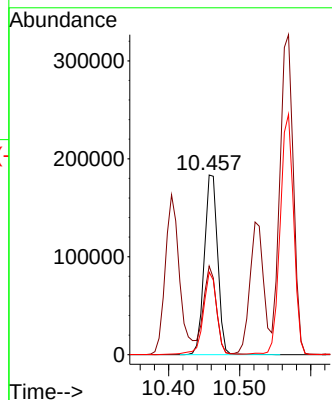
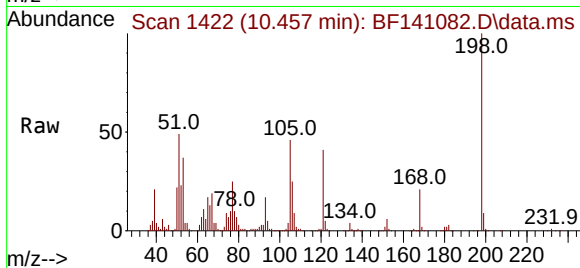




#65
4,6-Dinitro-2-methylphenol
Concen: 63.552 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

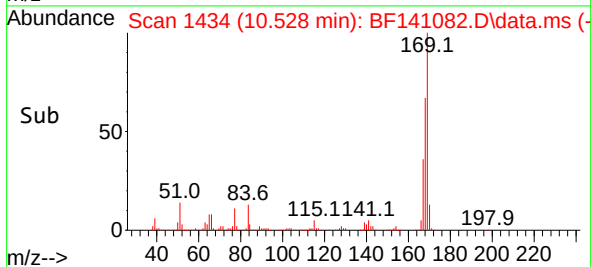
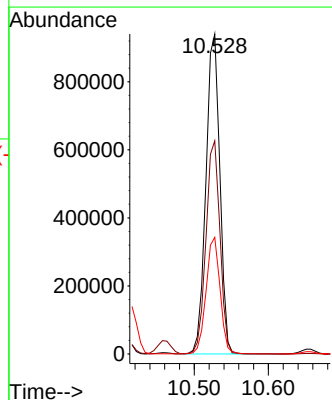
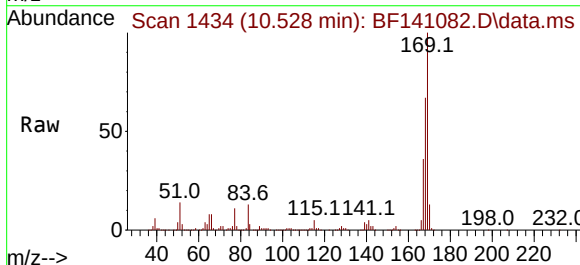
Instrument :
BNA_F
ClientSampleId :
PB165980BS

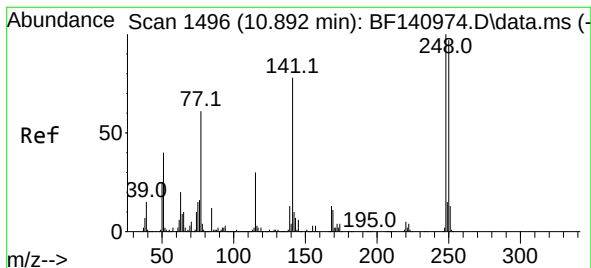
Tgt Ion:198 Resp: 240643
Ion Ratio Lower Upper
198 100
51 49.4 32.3 72.3
105 45.9 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 43.414 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:169 Resp: 1225811
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 36.4 29.0 43.4

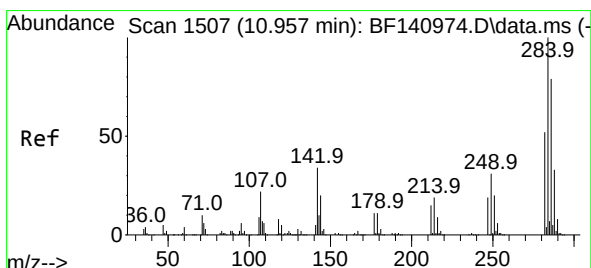
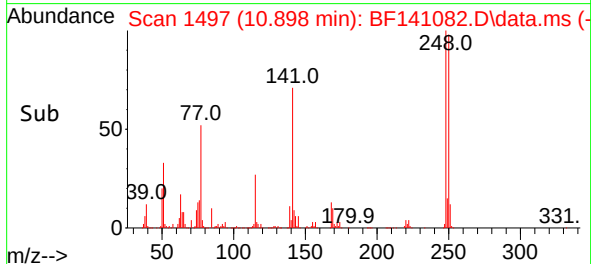
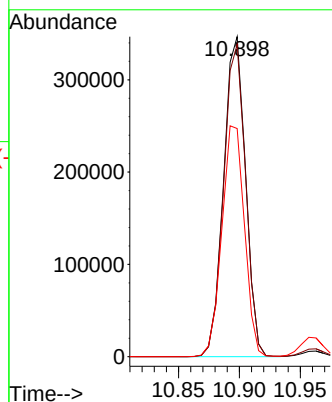
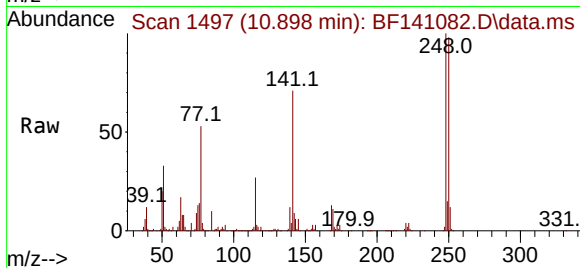




#67
4-Bromophenyl-phenylether
Concen: 44.946 ng
RT: 10.898 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

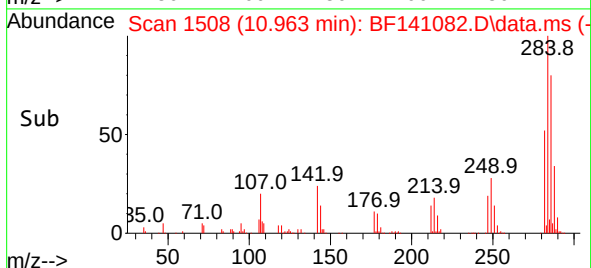
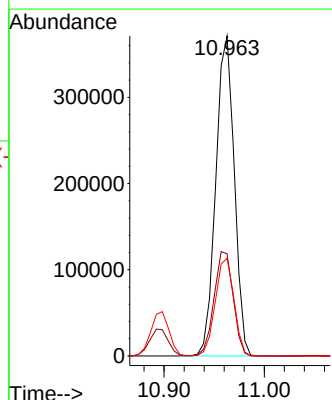
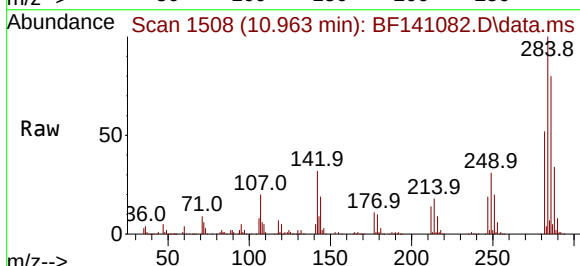
Instrument :
BNA_F
ClientSampleId :
PB165980BS

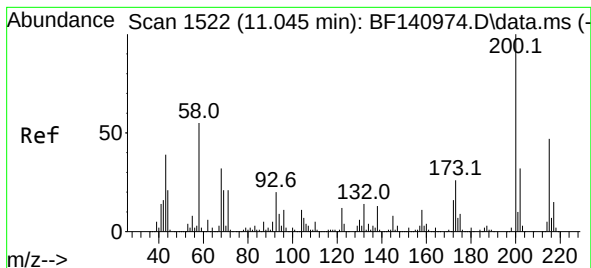
Tgt Ion:248 Resp: 435662
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 71.3 62.1 93.1



#68
Hexachlorobenzene
Concen: 44.436 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:284 Resp: 474939
Ion Ratio Lower Upper
284 100
142 32.0 27.1 40.7
249 30.6 25.1 37.7





#69

Atrazine

Concen: 52.796 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

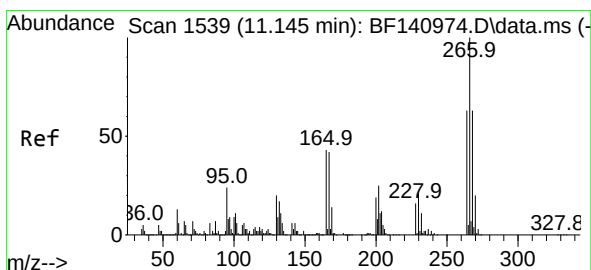
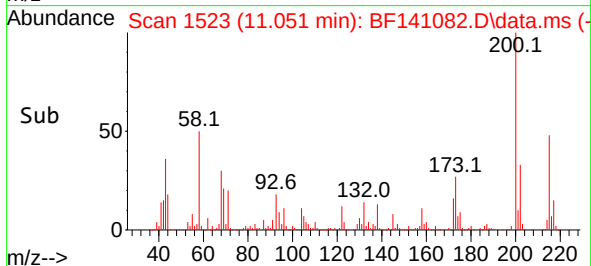
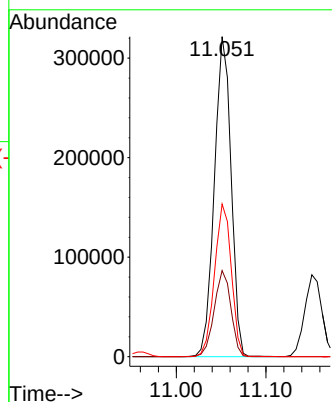
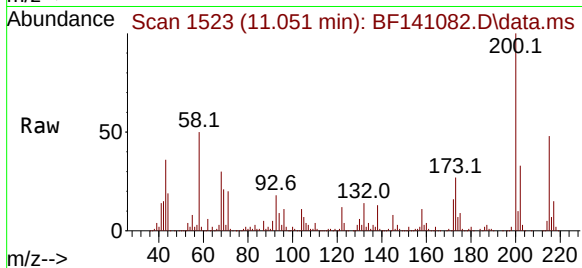
Tgt Ion:200 Resp: 416462

Ion Ratio Lower Upper

200 100

173 26.9 6.4 46.4

215 47.7 27.2 67.2



#70

Pentachlorophenol

Concen: 89.512 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

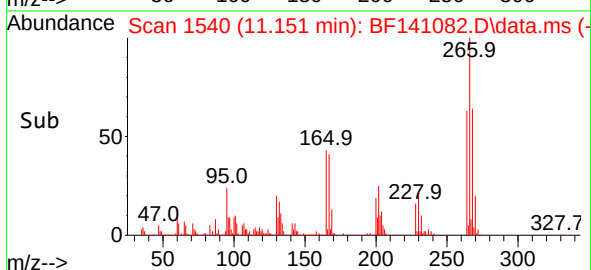
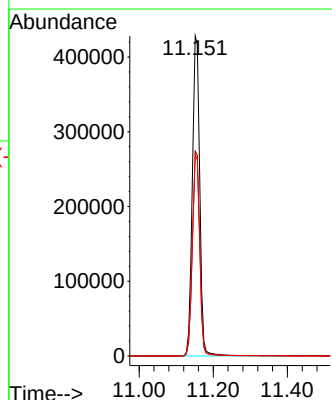
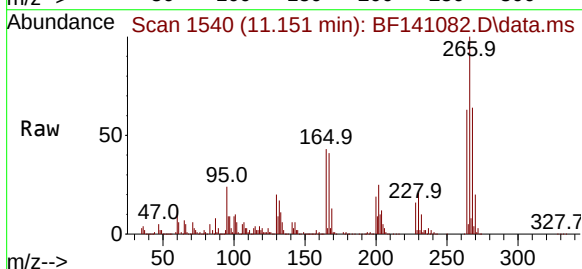
Tgt Ion:266 Resp: 595655

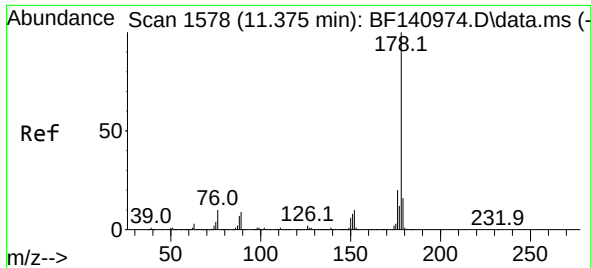
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 63.1 50.2 75.4

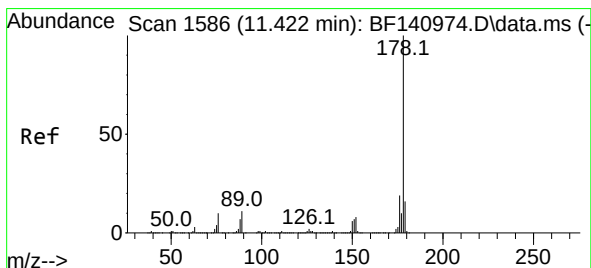
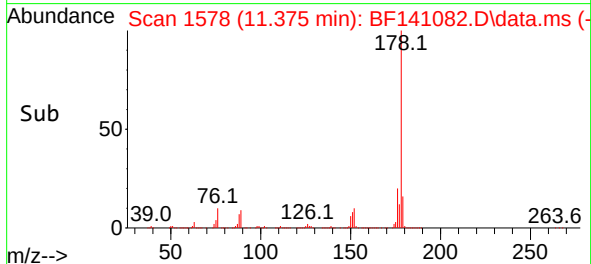
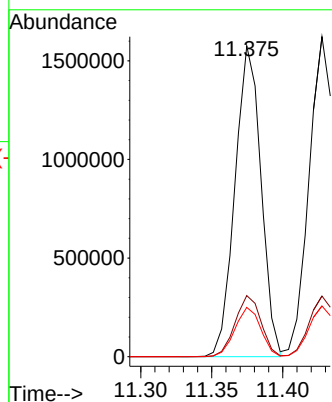
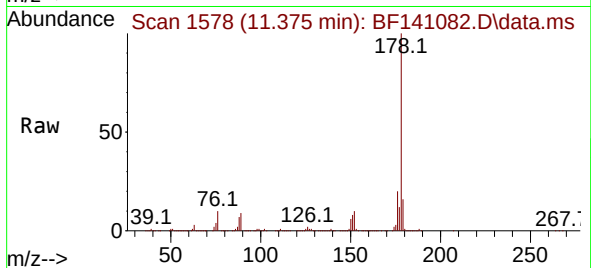




#71
Phenanthrene
Concen: 42.606 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

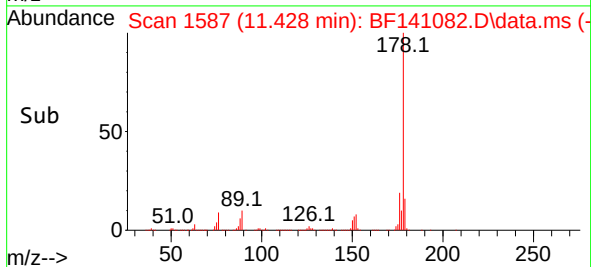
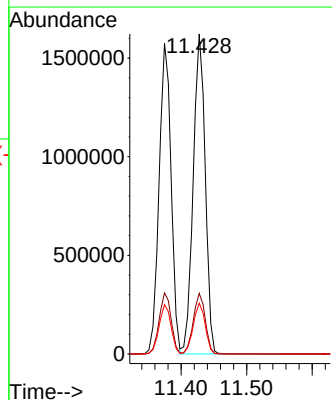
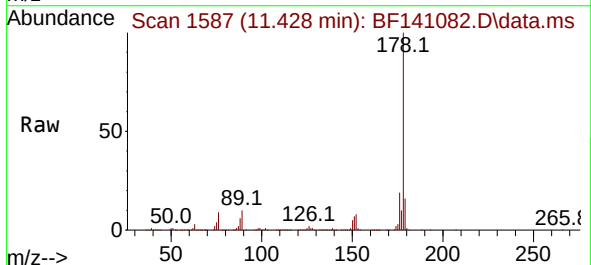
Instrument :
BNA_F
ClientSampleId :
PB165980BS

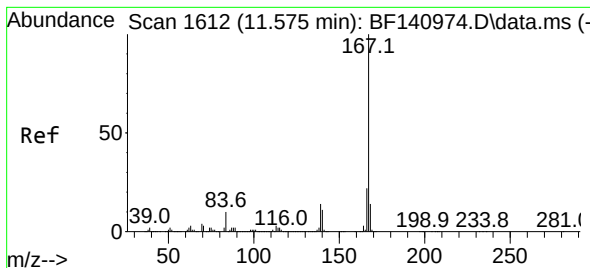
Tgt Ion:178 Resp: 2010659
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.8 12.6 19.0



#72
Anthracene
Concen: 44.693 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:178 Resp: 2066698
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.9 19.3





#73

Carbazole

Concen: 39.812 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

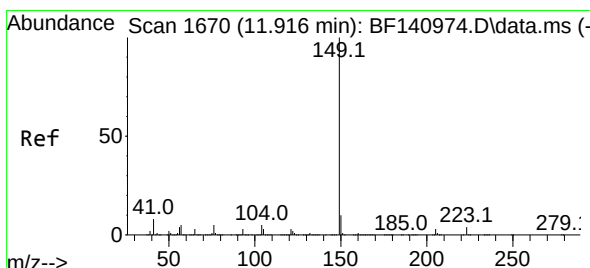
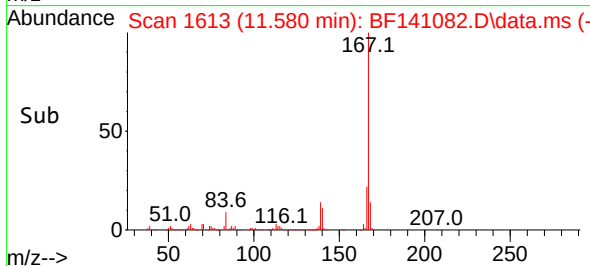
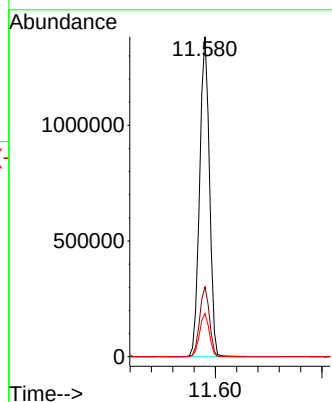
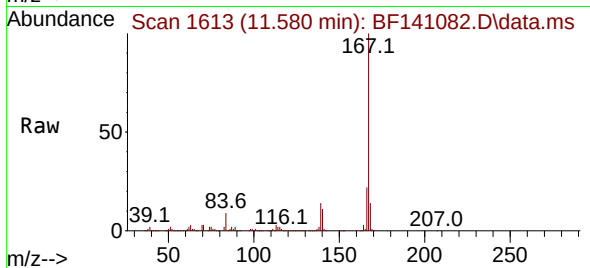
Tgt Ion:167 Resp: 1769781

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.5 11.0 16.4



#74

Di-n-butylphthalate

Concen: 41.440 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

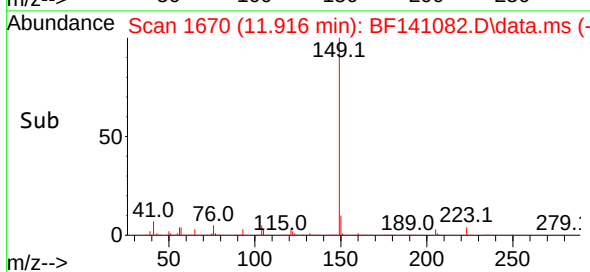
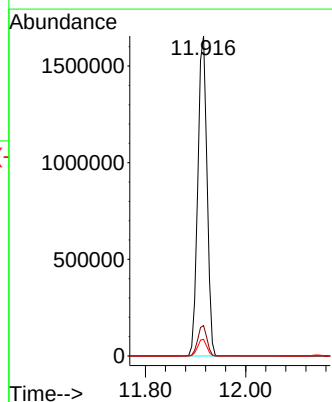
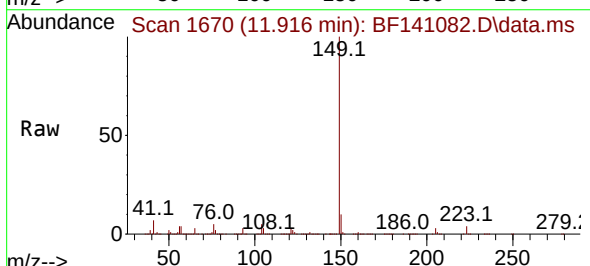
Tgt Ion:149 Resp: 2095270

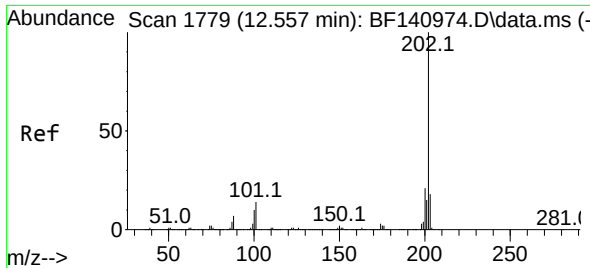
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.2 4.1 6.1

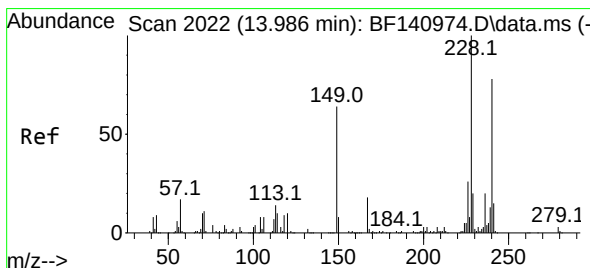
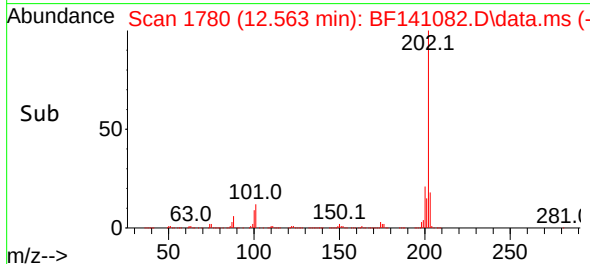
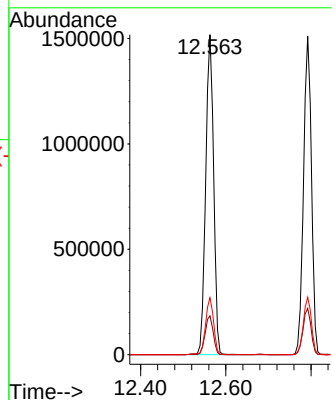
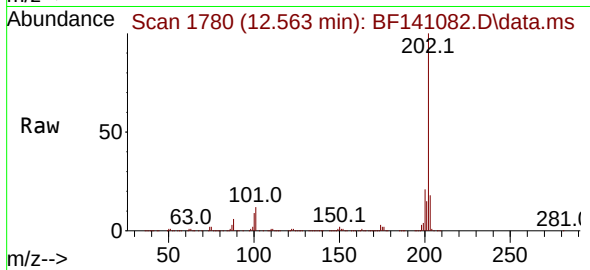




#75
Fluoranthene
Concen: 38.282 ng
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

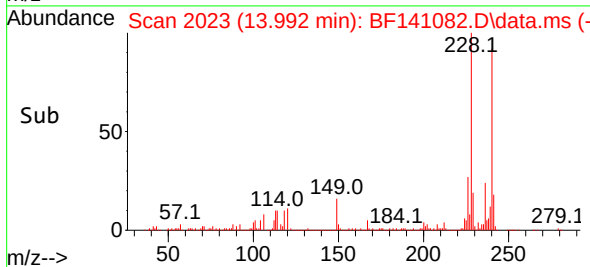
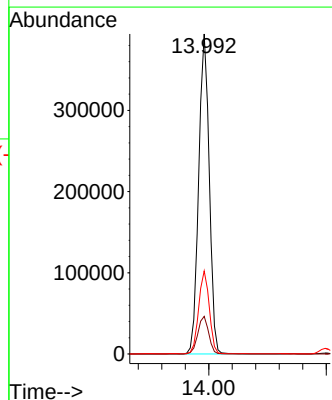
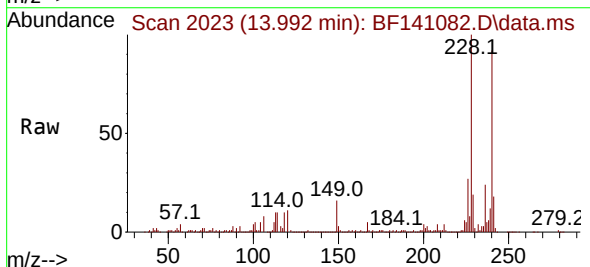
Instrument :
BNA_F
ClientSampleId :
PB165980BS

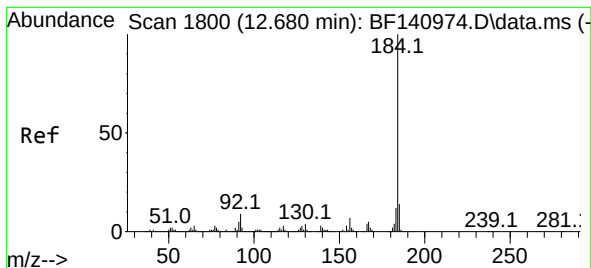
Tgt Ion:202 Resp: 1959376
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.7
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:240 Resp: 491752
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 26.0 20.6 31.0





#77

Benzidine

Concen: 44.956 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

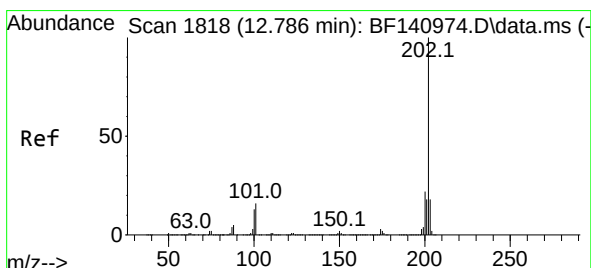
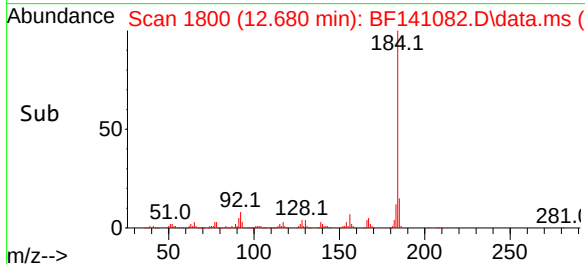
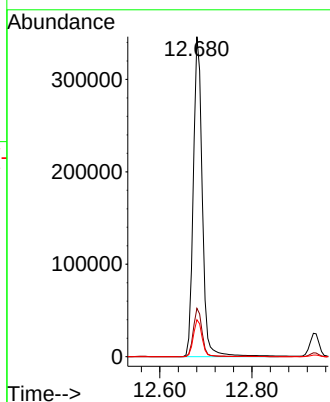
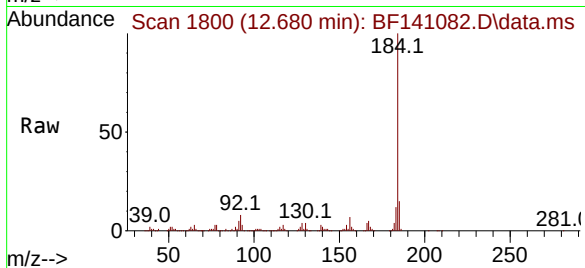
Tgt Ion:184 Resp: 467216

Ion Ratio Lower Upper

184 100

185 15.1 11.4 17.2

183 11.6 9.4 14.0



#78

Pyrene

Concen: 45.468 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

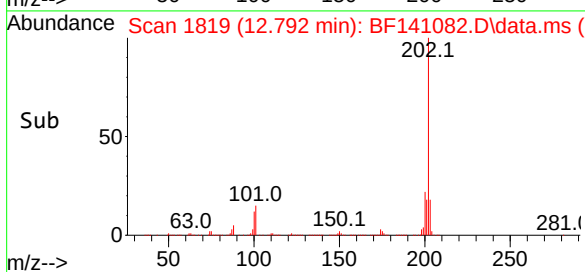
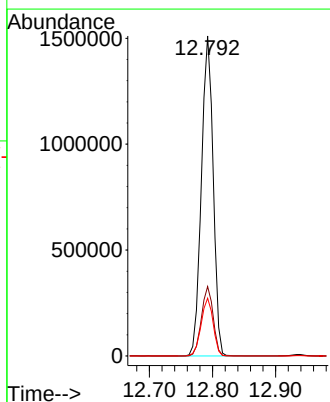
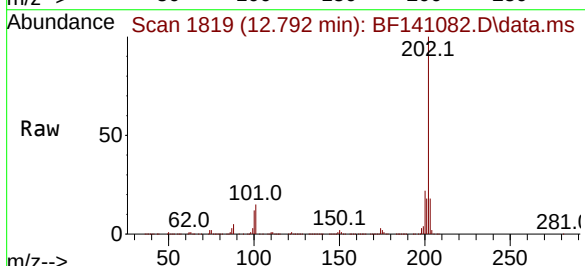
Tgt Ion:202 Resp: 1955469

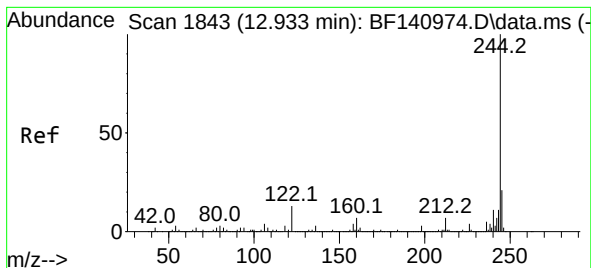
Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 90.310 ng

RT: 12.939 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

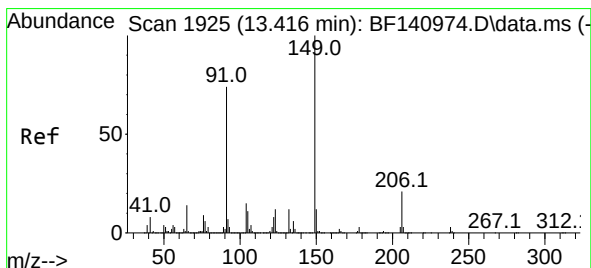
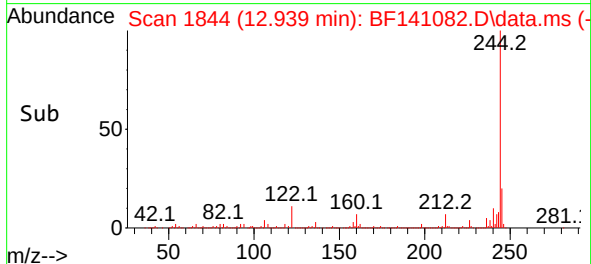
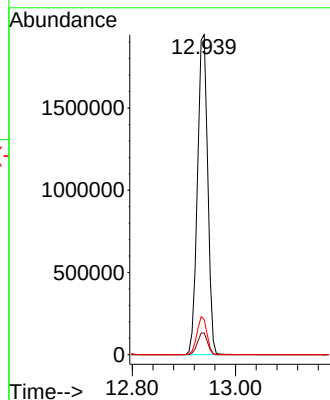
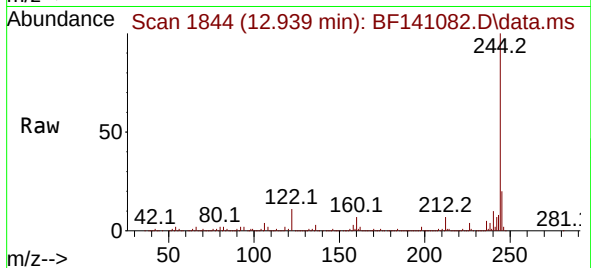
Tgt Ion:244 Resp: 2673691

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 11.0 10.2 15.2



#80

Butylbenzylphthalate

Concen: 44.782 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

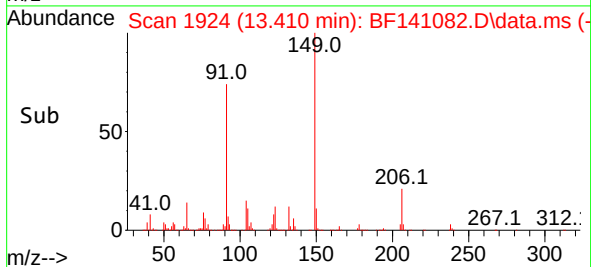
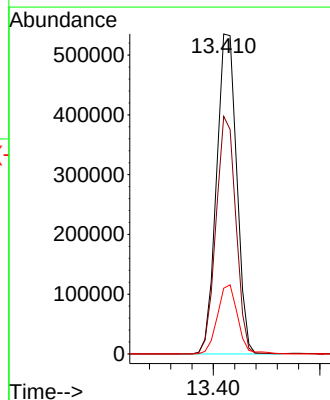
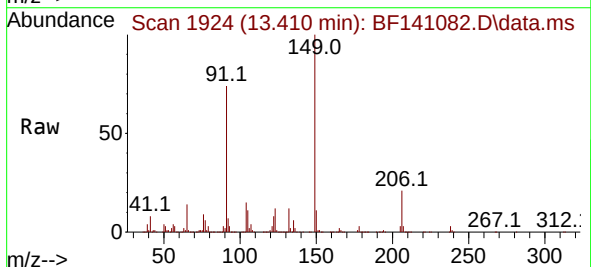
Tgt Ion:149 Resp: 703267

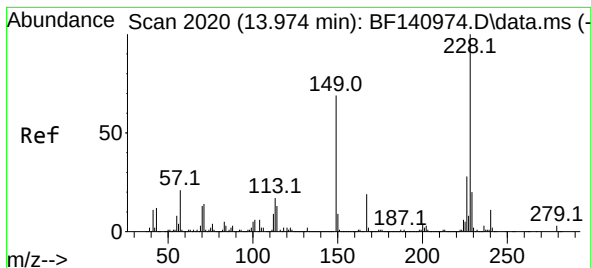
Ion Ratio Lower Upper

149 100

91 74.2 59.5 89.3

206 20.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 39.522 ng

RT: 13.980 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

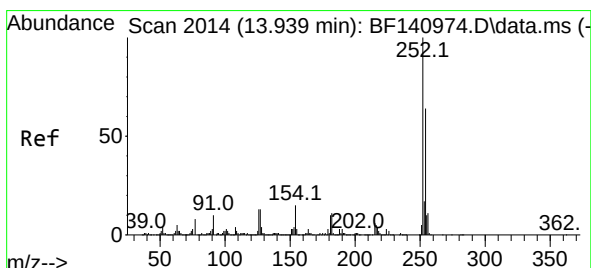
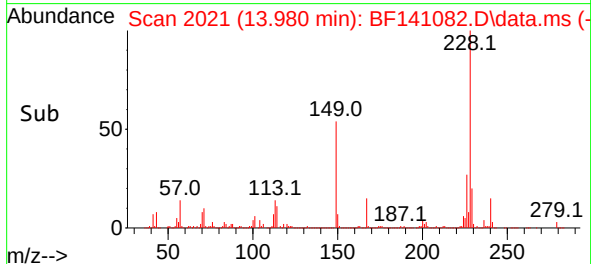
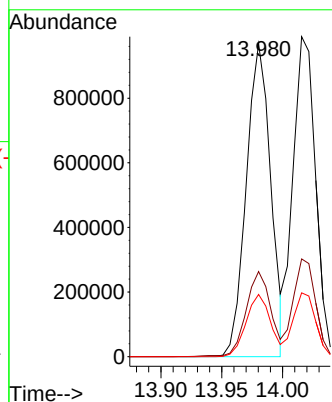
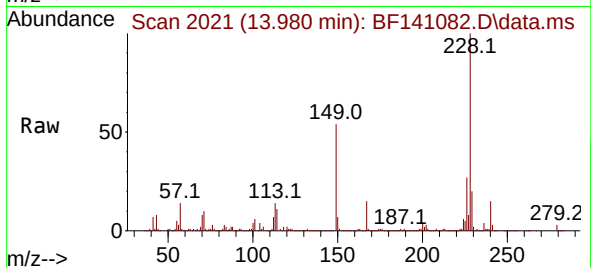
Tgt Ion:228 Resp: 1354504

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.9 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 25.168 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

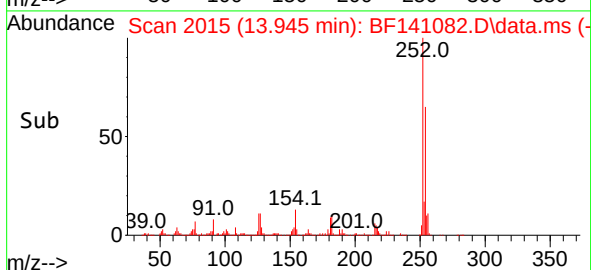
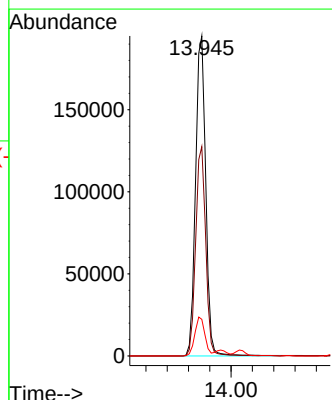
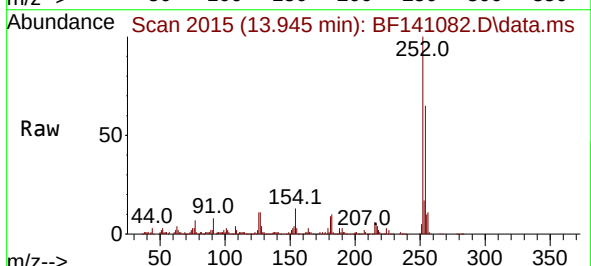
Tgt Ion:252 Resp: 259158

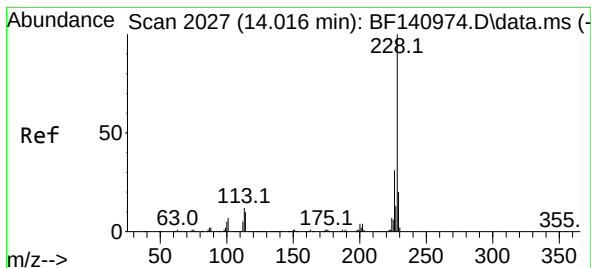
Ion Ratio Lower Upper

252 100

254 65.4 51.5 77.3

126 11.4 10.3 15.5





#83

Chrysene

Concen: 41.565 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

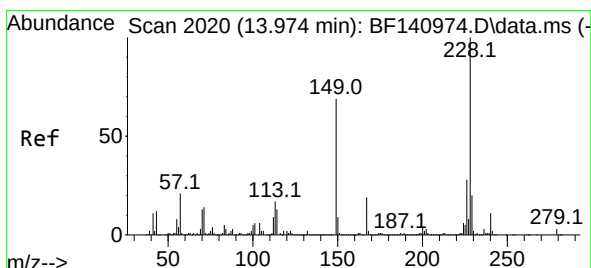
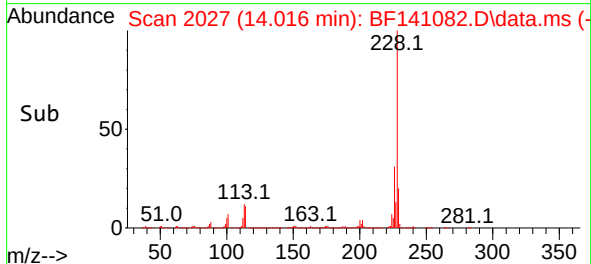
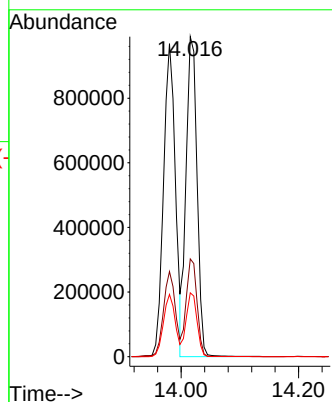
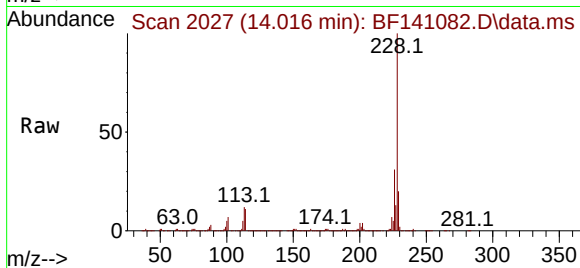
Tgt Ion:228 Resp: 1284166

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 19.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.049 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

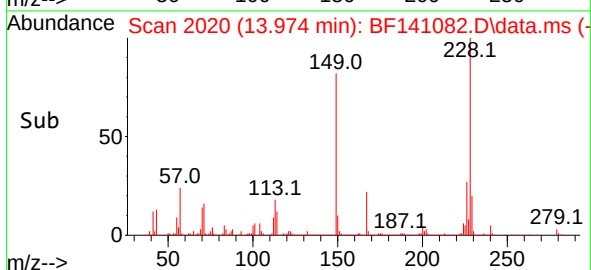
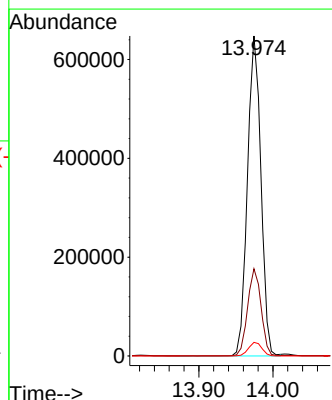
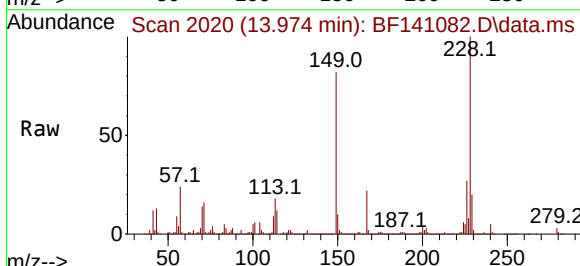
Tgt Ion:149 Resp: 815820

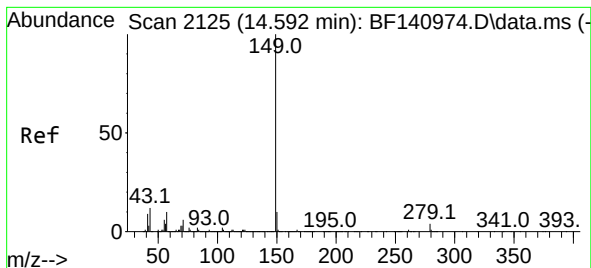
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.311 ng

RT: 14.598 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

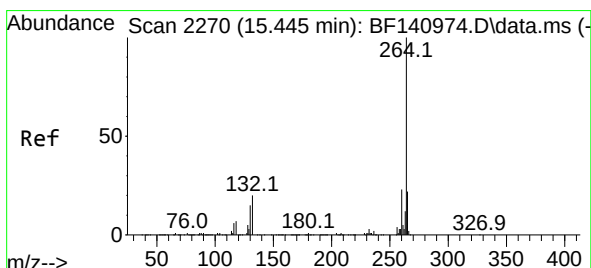
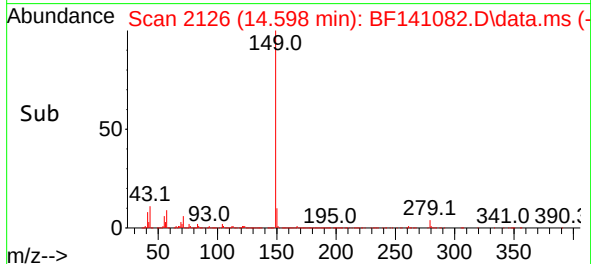
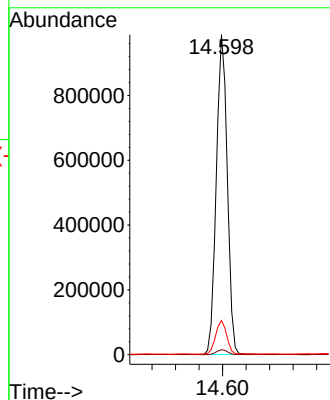
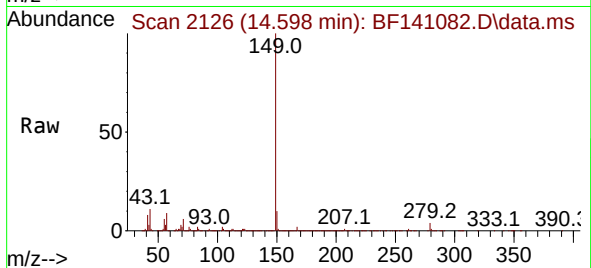
Tgt Ion:149 Resp: 1276956

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

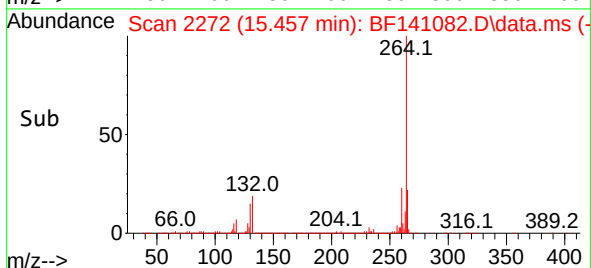
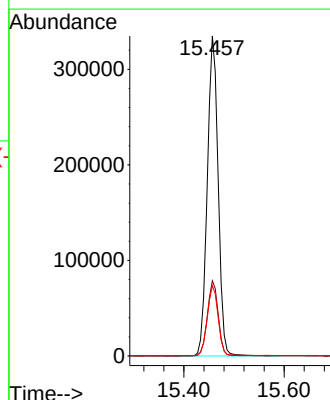
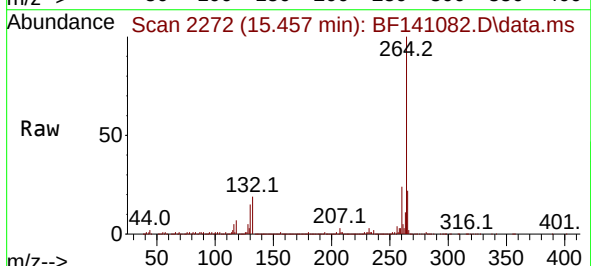
Tgt Ion:264 Resp: 504311

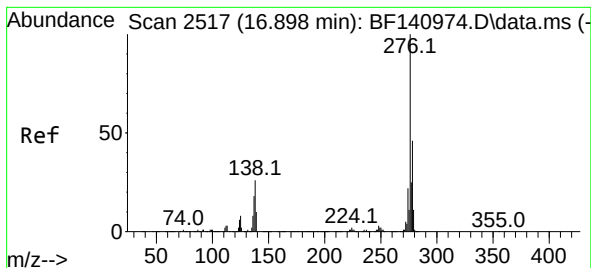
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.019 ng

RT: 16.921 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

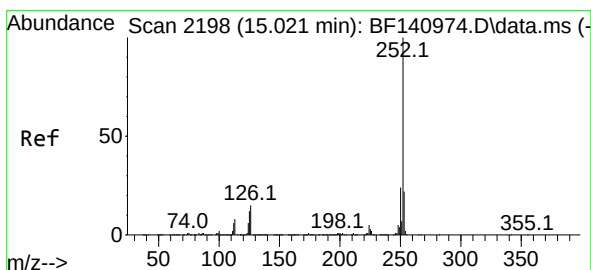
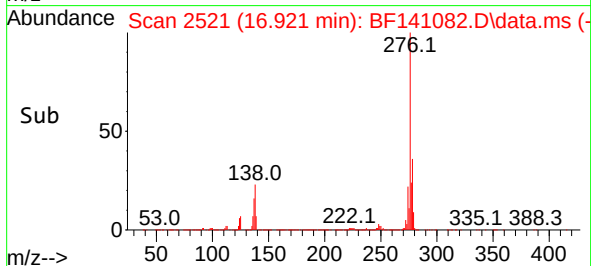
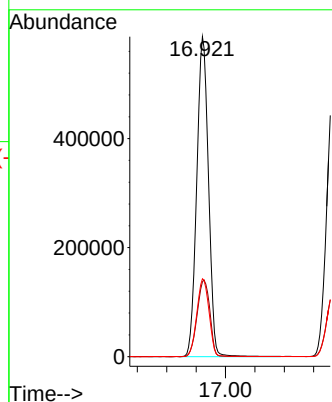
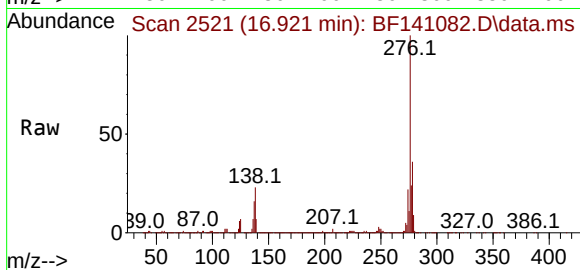
Tgt Ion:276 Resp: 1620997

Ion Ratio Lower Upper

276 100

138 25.9 23.1 34.7

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 38.636 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

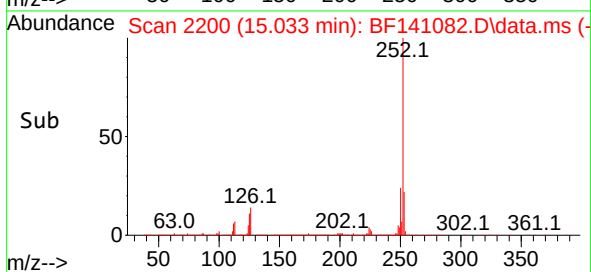
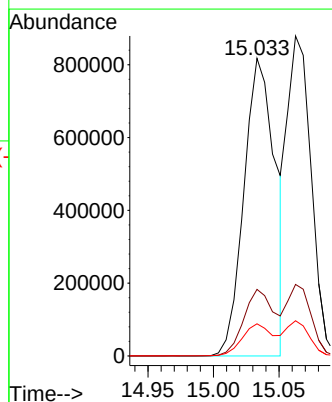
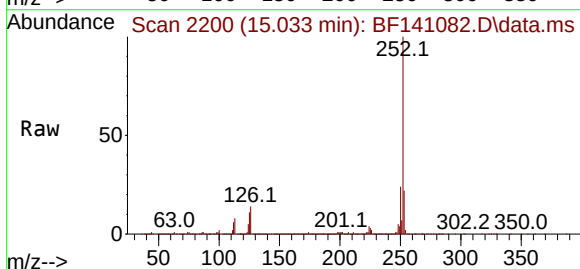
Tgt Ion:252 Resp: 1358925

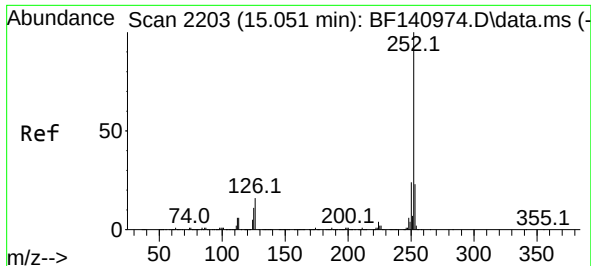
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.8 9.3 13.9

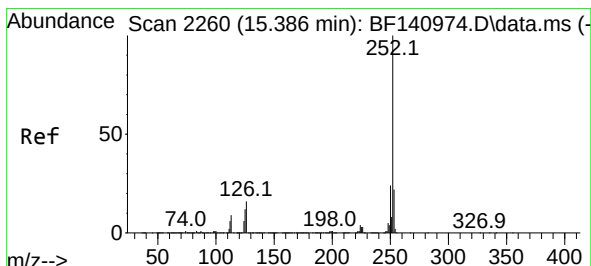
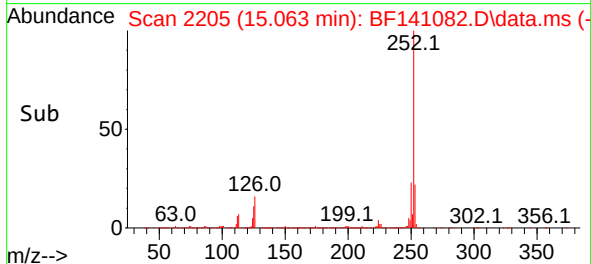
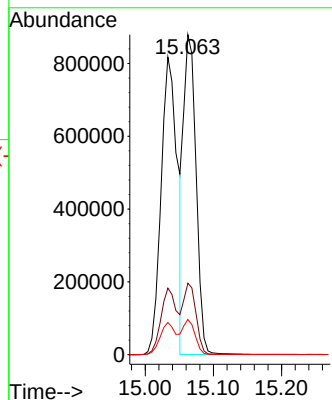
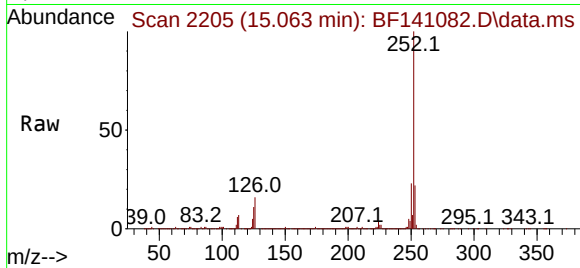




#89
Benzo(k)fluoranthene
Concen: 40.572 ng
RT: 15.063 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

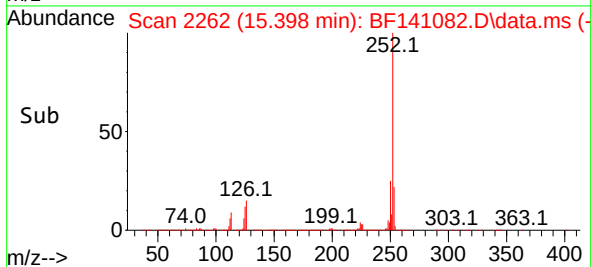
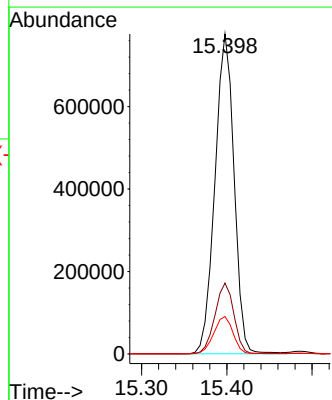
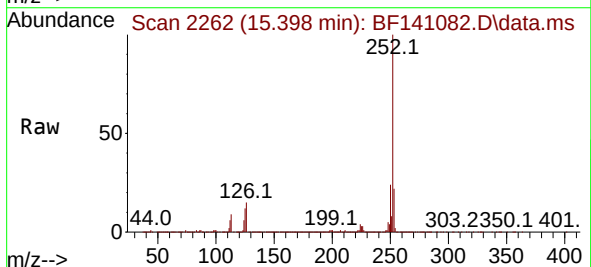
Instrument :
BNA_F
ClientSampleId :
PB165980BS

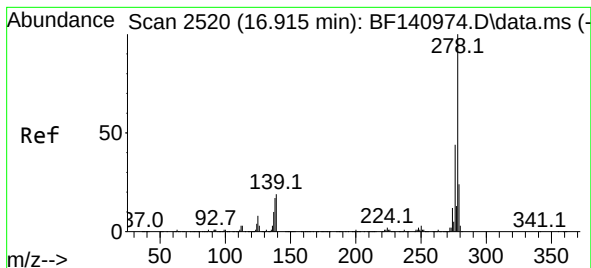
Tgt Ion:252 Resp: 1118450
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.0 9.4 14.0



#90
Benzo(a)pyrene
Concen: 44.242 ng
RT: 15.398 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF141082.D
Acq: 08 Jan 2025 14:24

Tgt Ion:252 Resp: 1207812
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.7 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 50.697 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB165980BS

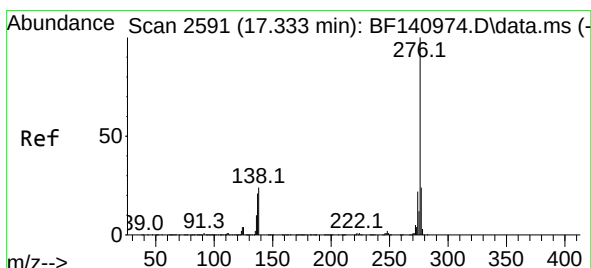
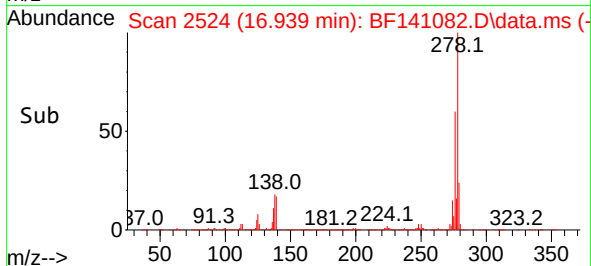
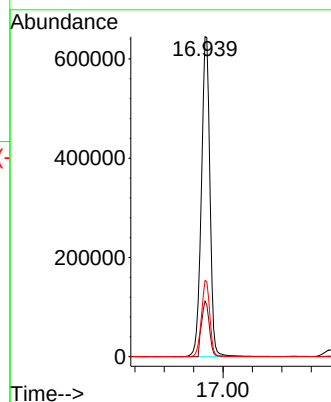
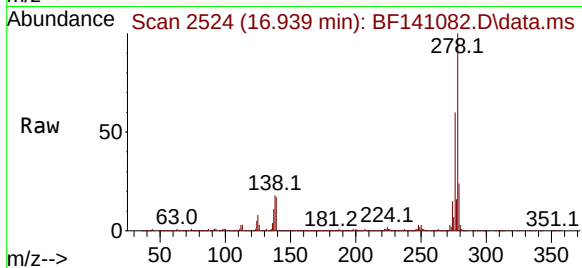
Tgt Ion:278 Resp: 1305713

Ion Ratio Lower Upper

278 100

139 17.4 14.9 22.3

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 46.596 ng

RT: 17.362 min Scan# 2596

Delta R.T. 0.029 min

Lab File: BF141082.D

Acq: 08 Jan 2025 14:24

Tgt Ion:276 Resp: 1244717

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 22.8 19.4 29.2

