

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
 Data File : BF141069.D
 Acq On : 03 Jan 2025 15:55
 Operator : RC/JU
 Sample : P5398-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 341-349MSD

Quant Time: Jan 03 18:32:44 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	254252	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1023146	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	567576	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	995036	20.000	ng	0.00
76) Chrysene-d12	13.986	240	590322	20.000	ng	0.00
86) Perylene-d12	15.439	264	540826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1821888	108.014	ng	0.02
7) Phenol-d6	6.451	99	2244821	103.312	ng	0.00
23) Nitrobenzene-d5	7.393	82	1574135	98.432	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	831937	150.845	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2827943	79.383	ng	0.00
79) Terphenyl-d14	12.933	244	3400977	95.694	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	289418	37.900	ng	# 84
3) Pyridine	3.458	79	561779	30.103	ng	98
4) n-Nitrosodimethylamine	3.399	42	378329	40.011	ng	99
6) Aniline	6.487	93	231006	11.921	ng	# 91
8) 2-Chlorophenol	6.610	128	762527	42.879	ng	97
9) Benzaldehyde	6.375	77	66301	Below Cal		97
10) Phenol	6.469	94	826981	36.807	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	725415	39.987	ng	97
12) 1,3-Dichlorobenzene	6.769	146	786236	40.061	ng	99
13) 1,4-Dichlorobenzene	6.846	146	787322	39.795	ng	99
14) 1,2-Dichlorobenzene	6.998	146	757908	41.087	ng	98
15) Benzyl Alcohol	6.969	79	629593	40.322	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1090892	39.763	ng	98
17) 2-Methylphenol	7.075	107	615722	41.676	ng	99
18) Hexachloroethane	7.340	117	289142	41.141	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	535249	40.209	ng	98
20) 3+4-Methylphenols	7.228	107	755490	40.409	ng	# 89
22) Acetophenone	7.234	105	999985	39.841	ng	96
24) Nitrobenzene	7.410	77	799773	44.756	ng	95
25) Isophorone	7.645	82	1458618	41.915	ng	100
26) 2-Nitrophenol	7.722	139	392901	53.028	ng	98
27) 2,4-Dimethylphenol	7.757	122	636726	50.064	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	889805	40.356	ng	100
29) 2,4-Dichlorophenol	7.963	162	638246	44.248	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	652497	39.966	ng	99
31) Naphthalene	8.128	128	2180451	40.443	ng	100
32) Benzoic acid	7.869	122	496521	47.529	ng	97
33) 4-Chloroaniline	8.175	127	57621	2.954	ng	98
34) Hexachlorobutadiene	8.245	225	385768	40.081	ng	100
35) Caprolactam	8.540	113	147023	29.982	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	703781	43.934	ng	98
37) 2-Methylnaphthalene	8.816	142	1452781	42.121	ng	99
38) 1-Methylnaphthalene	8.916	142	1357269	40.041	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	637816	40.847	ng	98
41) Hexachlorocyclopentadiene	8.975	237	714535	138.087	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	481025	46.286	ng	99

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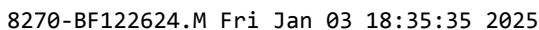
Instrument :
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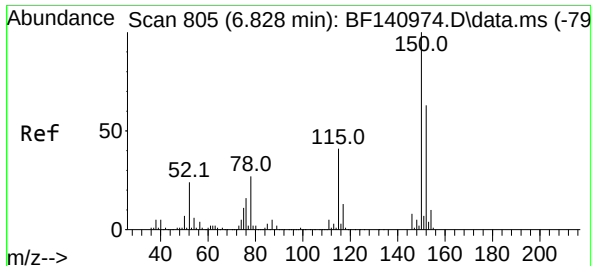
Quant Time: Jan 03 18:32:44 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.140	196	479961	45.137	ng	97
46) 1,1'-Biphenyl	9.281	154	1793573	41.270	ng	100
47) 2-Chloronaphthalene	9.304	162	1357256	40.268	ng	100
48) 2-Nitroaniline	9.398	65	432014	48.898	ng	96
49) Acenaphthylene	9.722	152	2134924	44.000	ng	100
50) Dimethylphthalate	9.587	163	1664237	44.578	ng	100
51) 2,6-Dinitrotoluene	9.645	165	373601	48.989	ng	94
52) Acenaphthene	9.892	154	1593913	48.592	ng	100
53) 3-Nitroaniline	9.810	138	63868	10.454	ng	# 93
54) 2,4-Dinitrophenol	9.916	184	418898	114.894	ng	# 1
55) Dibenzofuran	10.069	168	1946812	42.231	ng	100
56) 4-Nitrophenol	9.969	139	601792	94.234	ng	96
57) 2,4-Dinitrotoluene	10.051	165	509396	54.050	ng	96
58) Fluorene	10.410	166	1490097	41.684	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	426619	48.443	ng	98
60) Diethylphthalate	10.287	149	1633684	44.325	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	726545	42.239	ng	97
62) 4-Nitroaniline	10.428	138	294990	36.523	ng	93
63) Azobenzene	10.563	77	1616453	41.784	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	278414	65.860	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1199750	38.290	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	487558	45.327	ng	98
68) Hexachlorobenzene	10.957	284	529329	44.629	ng	99
69) Atrazine	11.045	200	279959	31.982	ng	99
70) Pentachlorophenol	11.151	266	688626	93.252	ng	99
71) Phenanthrene	11.375	178	2273864	43.419	ng	100
72) Anthracene	11.422	178	2315063	45.114	ng	100
73) Carbazole	11.575	167	1830184	37.100	ng	100
74) Di-n-butylphthalate	11.910	149	2519807	44.909	ng	100
75) Fluoranthene	12.557	202	2325238	40.939	ng	99
77) Benzidine	12.686	184	42575	3.413	ng	97
78) Pyrene	12.786	202	2332307	45.175	ng	100
80) Butylbenzylphthalate	13.410	149	943525	50.049	ng	100
81) Benzo(a)anthracene	13.974	228	1612546	39.195	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	52387	4.238	ng	99
83) Chrysene	14.010	228	1560921	42.087	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	1162869	47.553	ng	100
85) Di-n-octyl phthalate	14.586	149	1701683	48.079	ng	98
87) Indeno(1,2,3-cd)pyrene	16.892	276	1696794	49.798	ng	98
88) Benzo(b)fluoranthene	15.016	252	1572325	41.685	ng	99
89) Benzo(k)fluoranthene	15.045	252	1358809	45.963	ng	100
90) Benzo(a)pyrene	15.380	252	1378688	47.091	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1409603	51.035	ng	98
92) Benzo(g,h,i)perylene	17.333	276	1204111	42.033	ng	98

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

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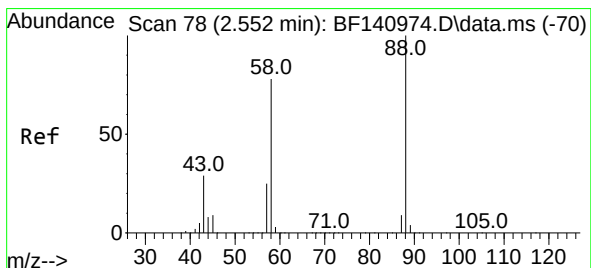
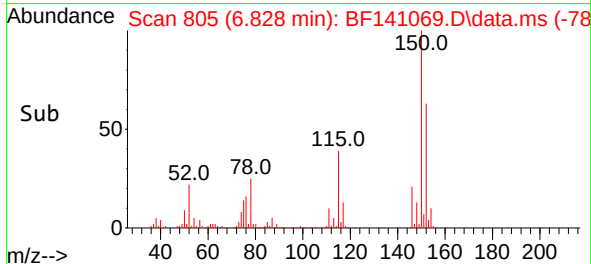
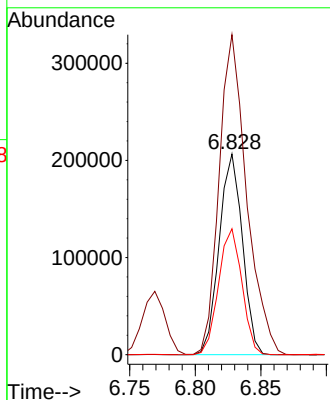
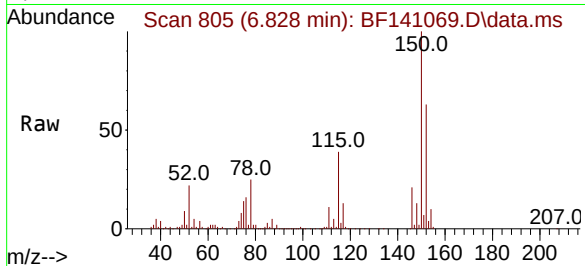




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

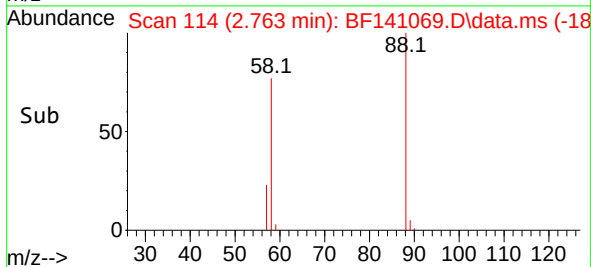
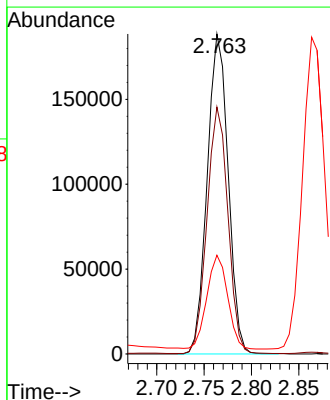
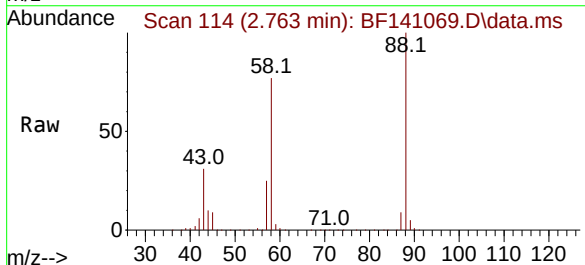
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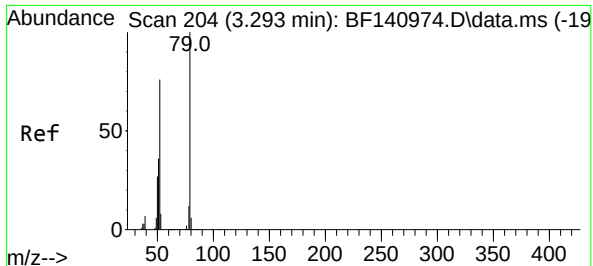
Tgt Ion:152 Resp: 254252
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 62.8 51.7 77.5



#2
1,4-Dioxane
Concen: 37.900 ng
RT: 2.763 min Scan# 114
Delta R.T. 0.212 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion: 88 Resp: 289418
Ion Ratio Lower Upper
88 100
58 76.8 63.0 94.4
43 0.0 23.4 35.2

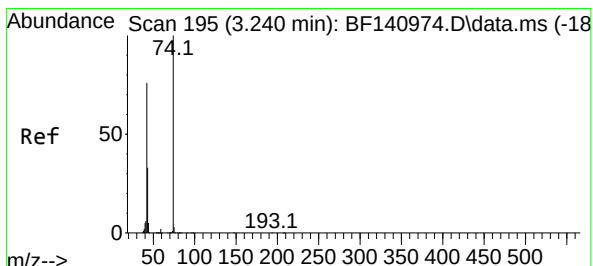
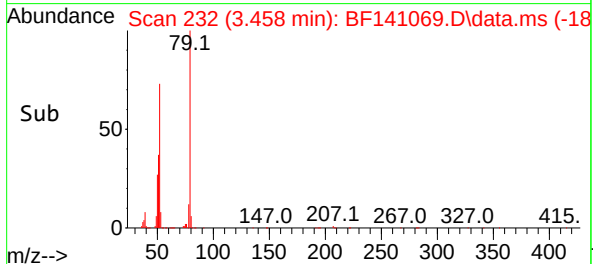
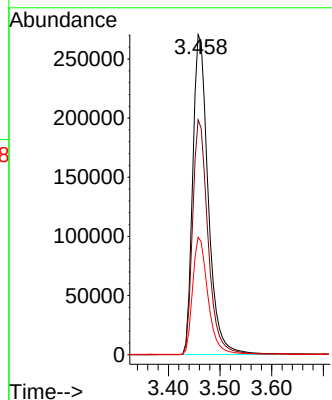
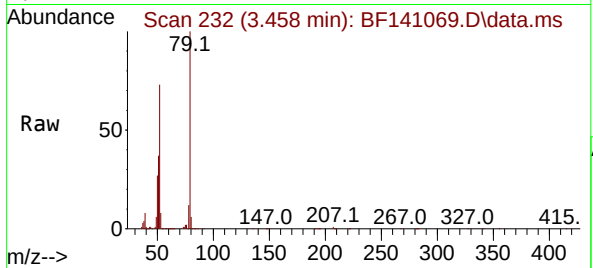




#3
Pyridine
Concen: 30.103 ng
RT: 3.458 min Scan# 21
Delta R.T. 0.165 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

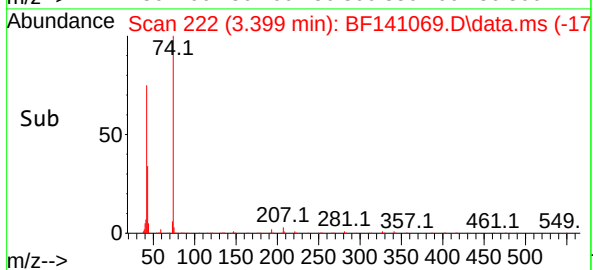
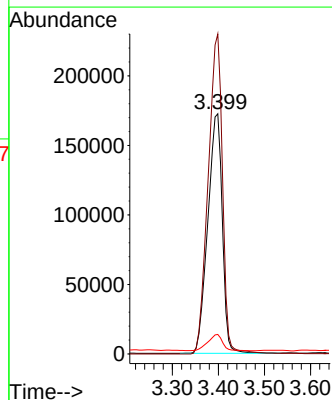
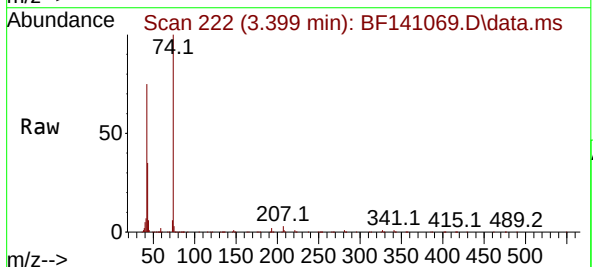
Instrument :
BNA_F
ClientSampleId :
341-349MSD

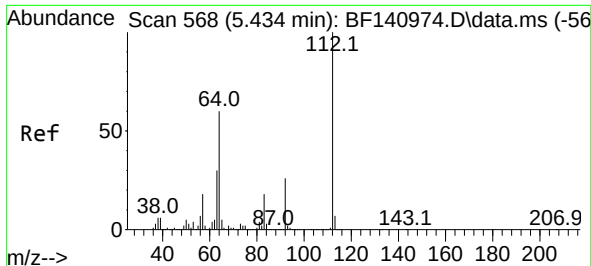
Tgt Ion: 79 Resp: 561779
Ion Ratio Lower Upper
79 100
52 73.4 60.4 90.6
51 36.7 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 40.011 ng
RT: 3.399 min Scan# 222
Delta R.T. 0.159 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion: 42 Resp: 378329
Ion Ratio Lower Upper
42 100
74 133.2 105.8 158.6
44 8.1 6.6 10.0

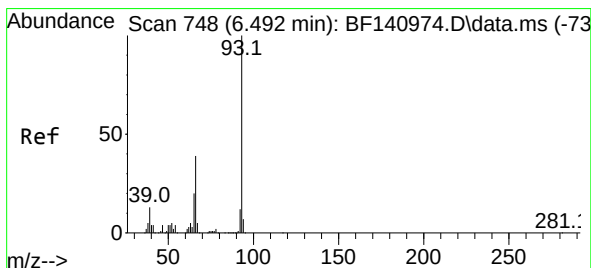
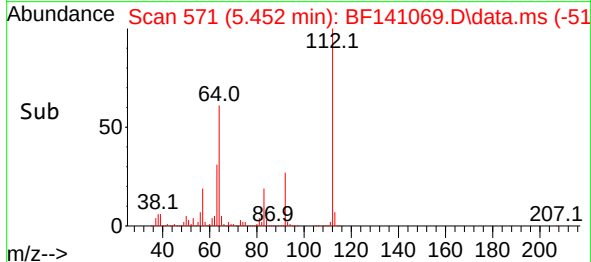
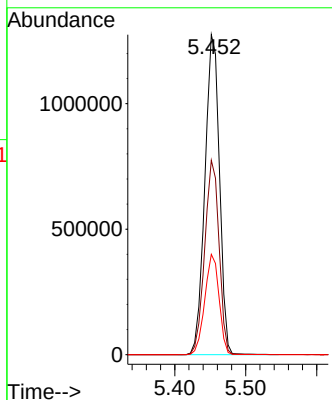
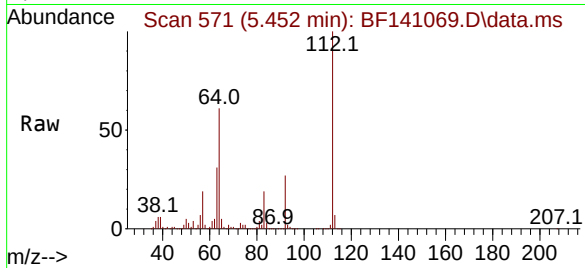




#5
2-Fluorophenol
Concen: 108.014 ng
RT: 5.452 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

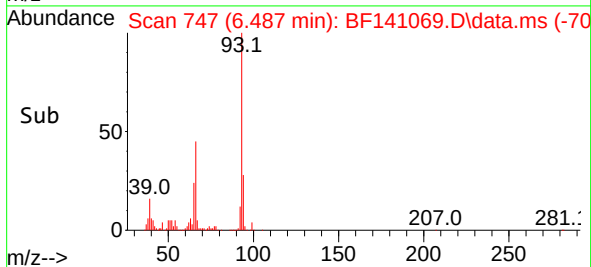
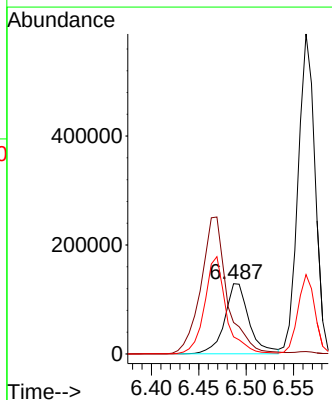
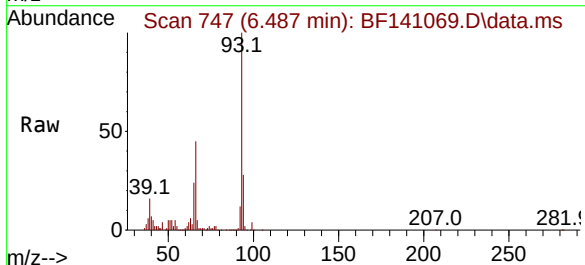
Instrument :
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ClientSampleId :
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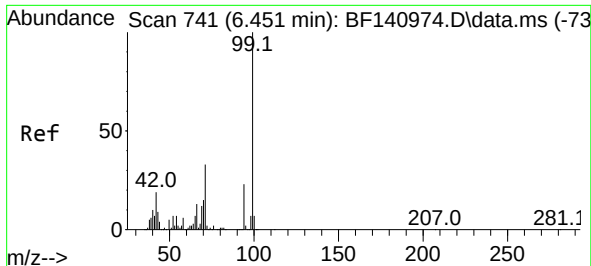
Tgt Ion:112 Resp: 1821888
Ion Ratio Lower Upper
112 100
64 60.7 47.7 71.5
63 31.3 24.2 36.2



#6
Aniline
Concen: 11.921 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.023 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion: 93 Resp: 231006
Ion Ratio Lower Upper
93 100
66 44.9 31.8 47.8
65 24.4 15.4 23.0#

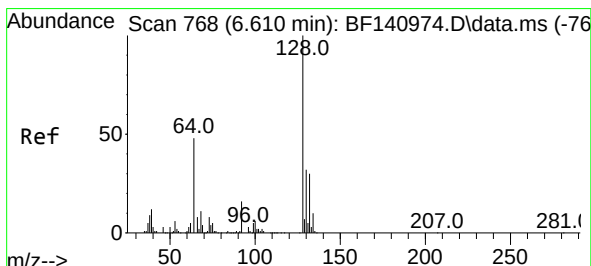
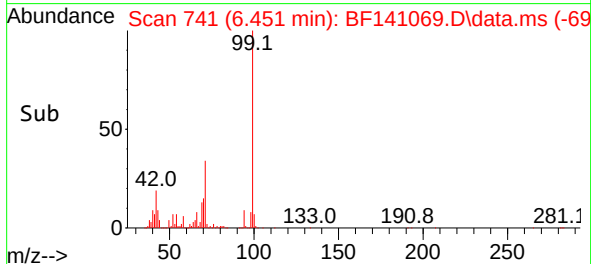
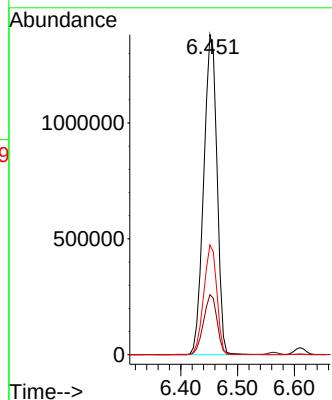
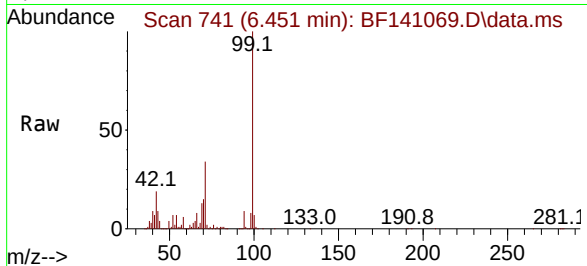




#7
Phenol-d6
Concen: 103.312 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

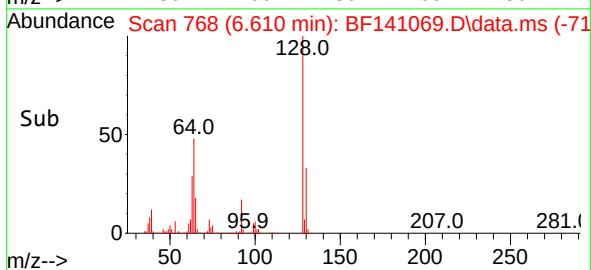
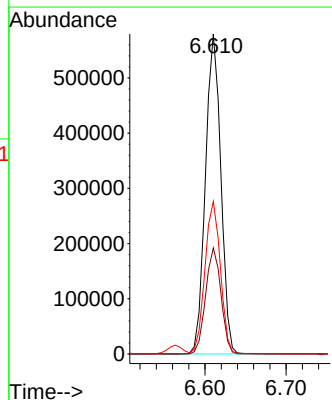
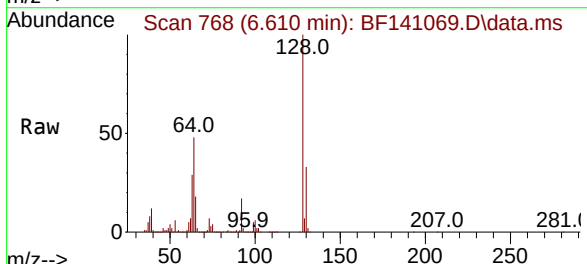
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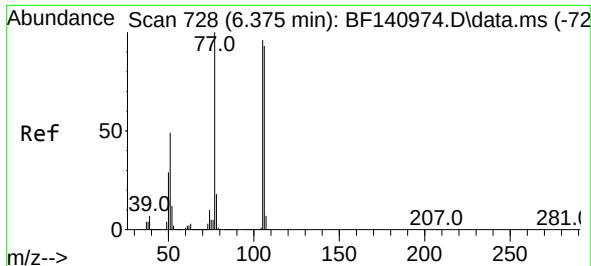
Tgt Ion: 99 Resp: 2244821
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 34.2 26.2 39.2



#8
2-Chlorophenol
Concen: 42.879 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion: 128 Resp: 762527
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 47.7 30.3 70.3

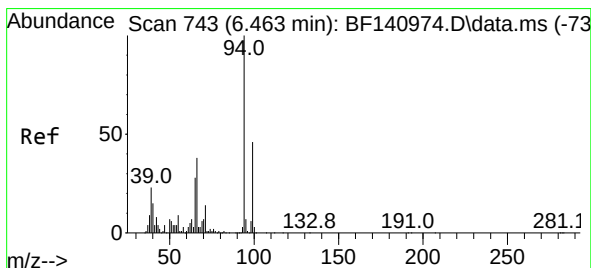
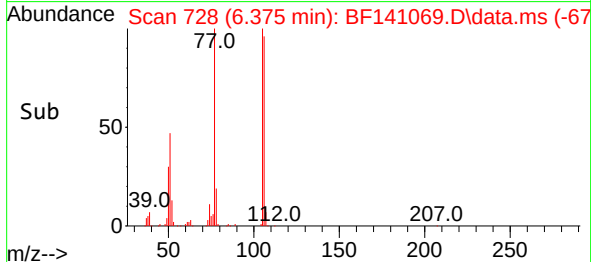
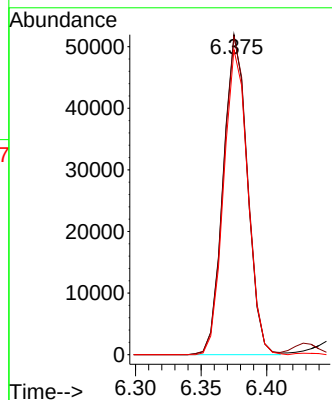
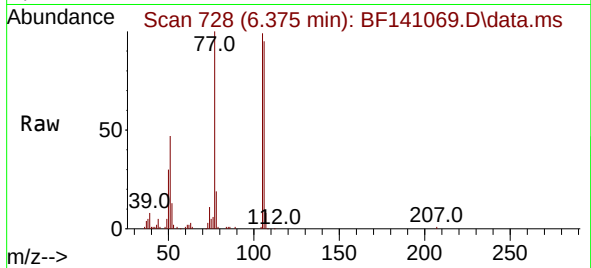




#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

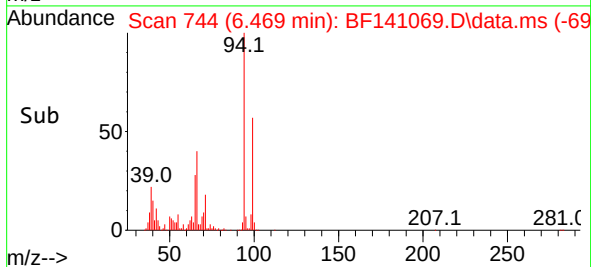
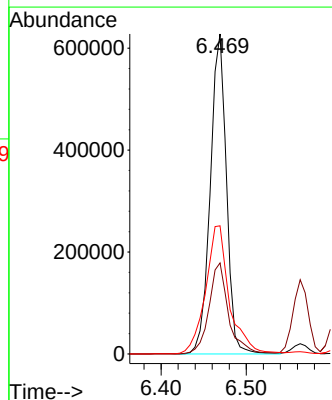
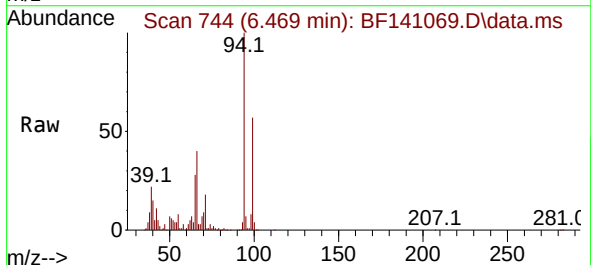
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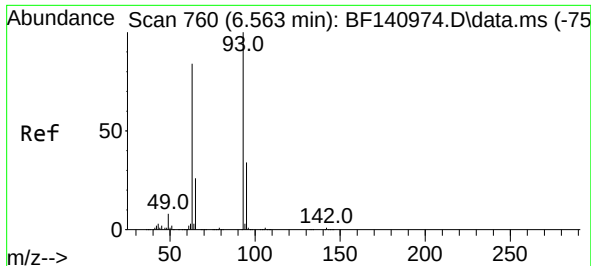
Tgt Ion: 77 Resp: 66301
Ion Ratio Lower Upper
77 100
105 99.5 76.2 116.2
106 95.3 73.4 113.4



#10
Phenol
Concen: 36.807 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion: 94 Resp: 826981
Ion Ratio Lower Upper
94 100
65 28.5 8.1 48.1
66 40.0 18.7 58.7

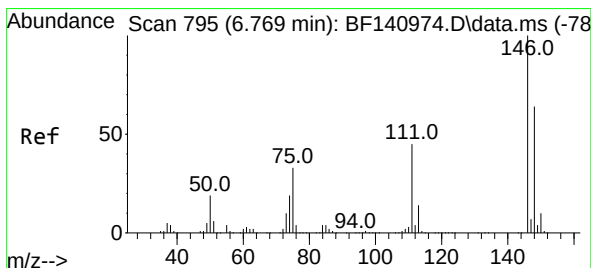
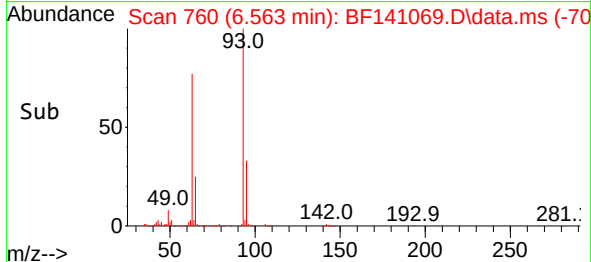
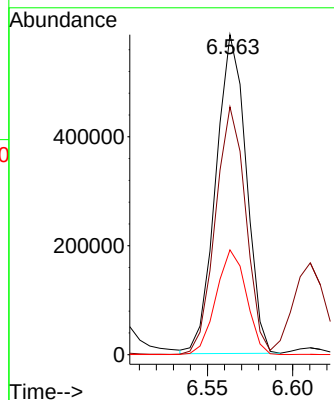
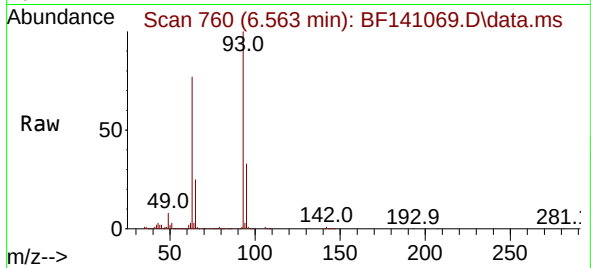




#11
bis(2-Chloroethyl)ether
Concen: 39.987 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

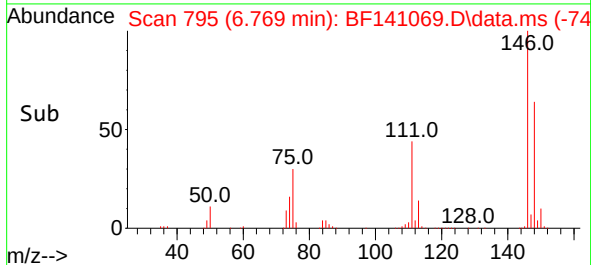
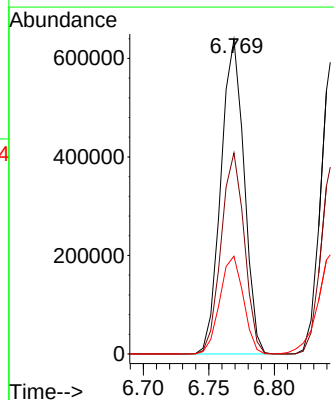
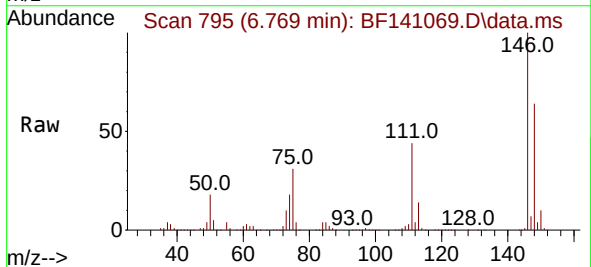
Instrument :
BNA_F
ClientSampleId :
341-349MSD

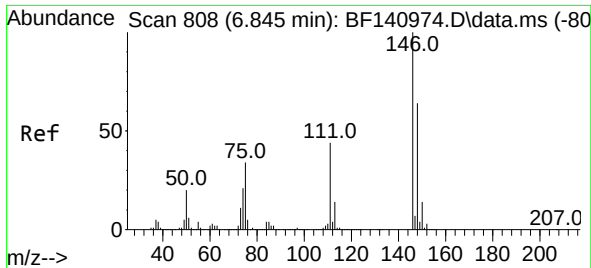
Tgt Ion: 93 Resp: 725415
Ion Ratio Lower Upper
93 100
63 77.5 60.3 100.3
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.061 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:146 Resp: 786236
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 31.1 26.1 39.1

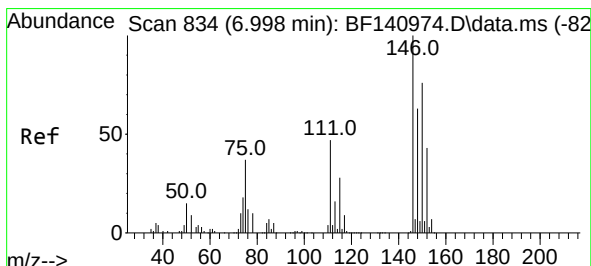
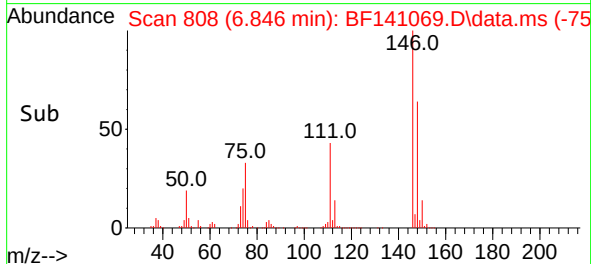
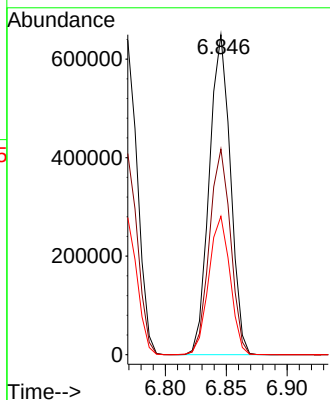
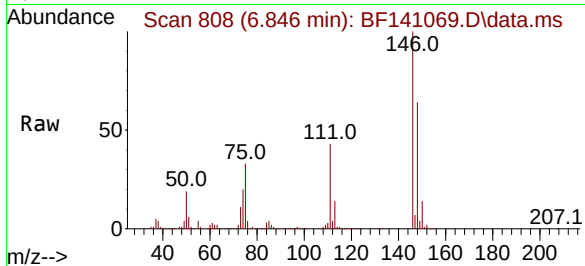




#13
1,4-Dichlorobenzene
Concen: 39.795 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

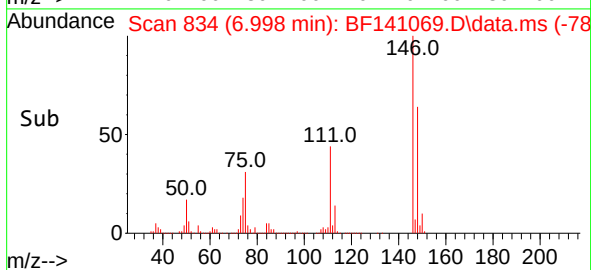
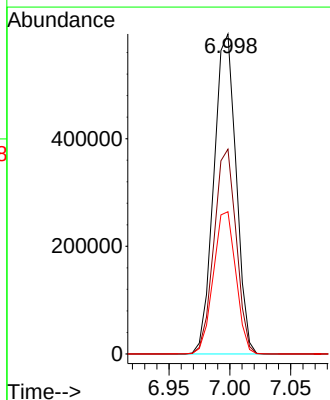
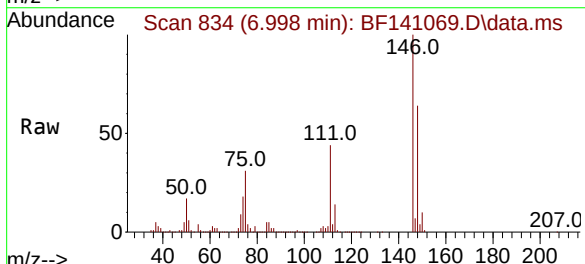
Instrument :
BNA_F
ClientSampleId :
341-349MSD

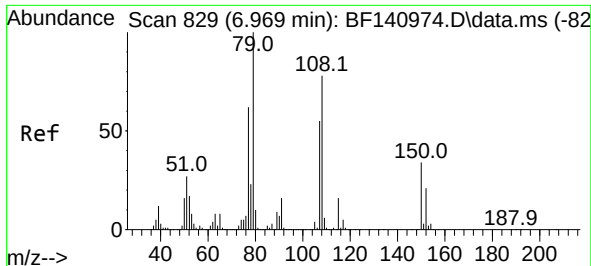
Tgt Ion:146 Resp: 787322
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 43.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 41.087 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:146 Resp: 757908
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 44.5 37.3 55.9

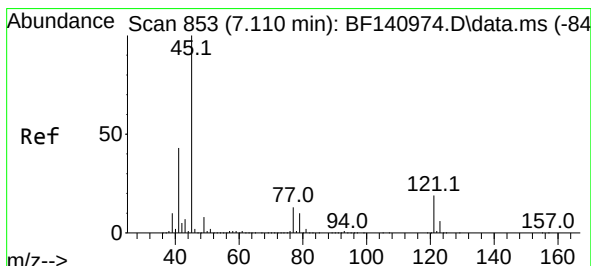
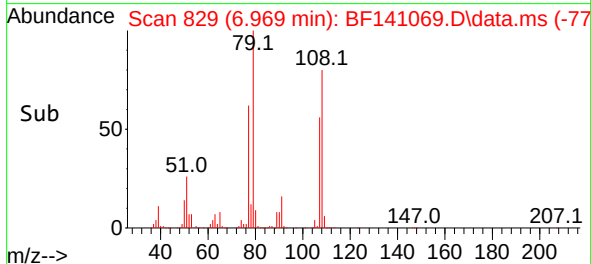
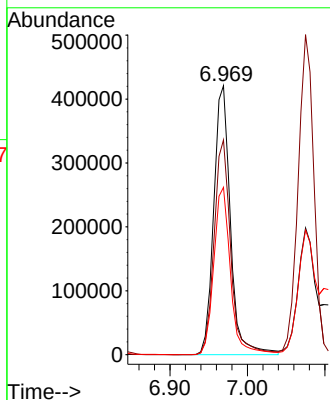
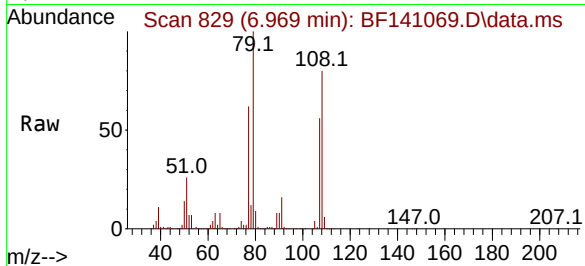




#15
Benzyl Alcohol
Concen: 40.322 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

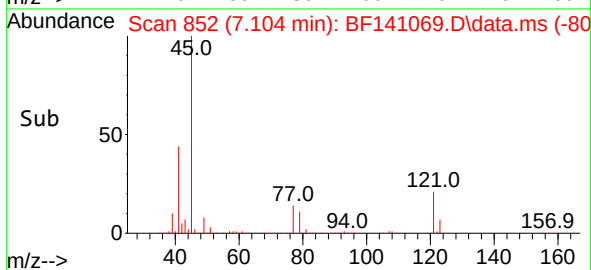
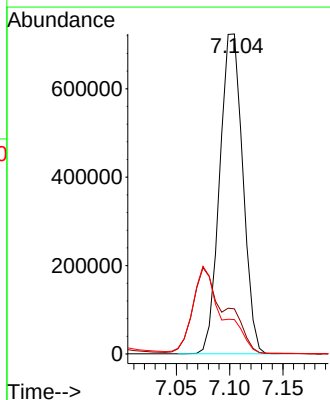
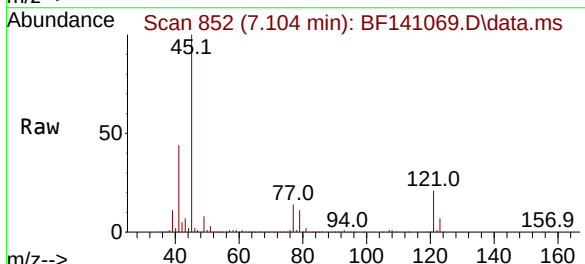
Instrument :
BNA_F
ClientSampleId :
341-349MSD

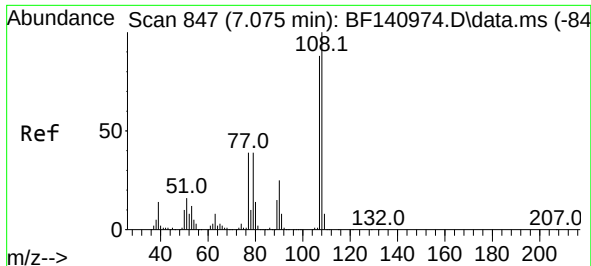
Tgt Ion: 79 Resp: 629593
Ion Ratio Lower Upper
79 100
108 79.8 62.5 93.7
77 62.2 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.763 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion: 45 Resp: 1090892
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.1
79 10.8 0.0 30.1





#17

2-Methylphenol

Concen: 41.676 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF141069.D

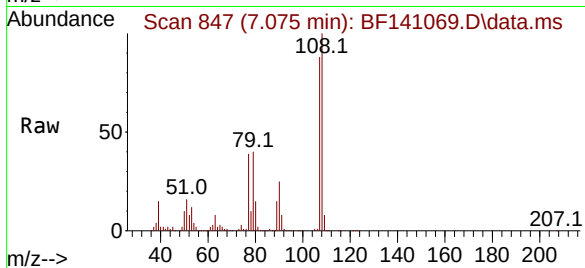
Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD



Tgt Ion:107 Resp: 615722

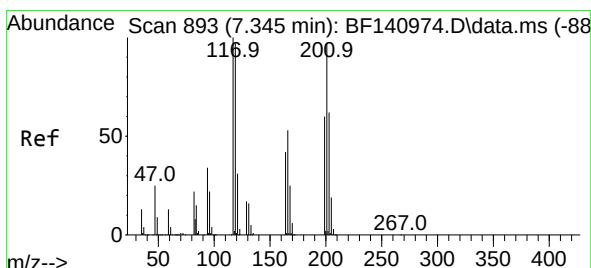
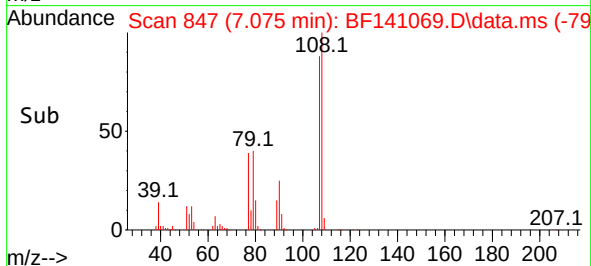
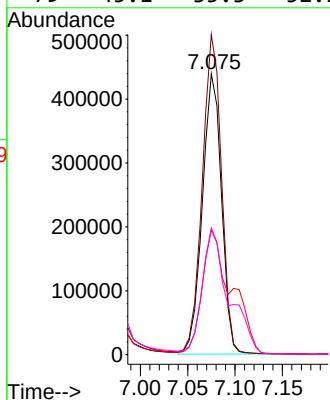
Ion Ratio Lower Upper

107 100

108 114.0 90.6 136.0

77 44.4 35.3 52.9

79 45.1 35.3 52.9



#18

Hexachloroethane

Concen: 41.141 ng

RT: 7.340 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

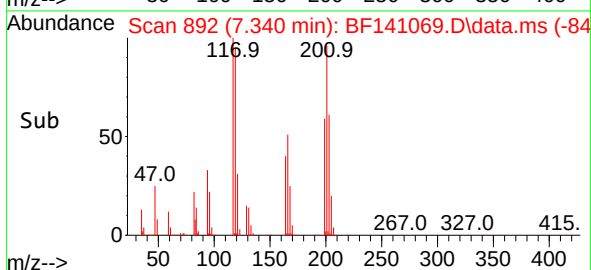
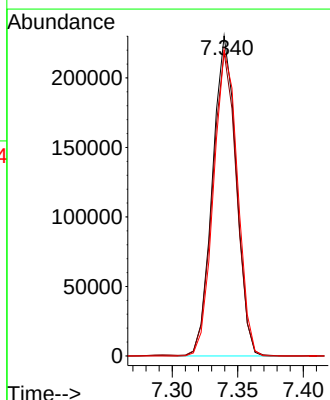
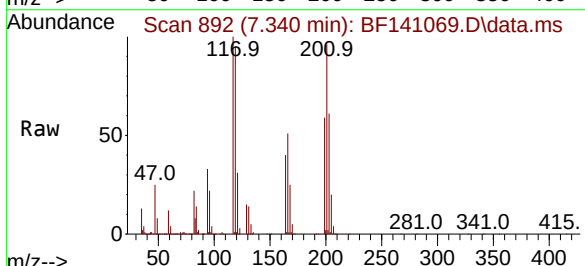
Tgt Ion:117 Resp: 289142

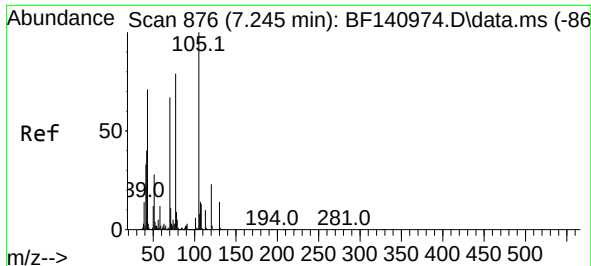
Ion Ratio Lower Upper

117 100

119 94.9 77.5 116.3

201 95.6 77.4 116.2

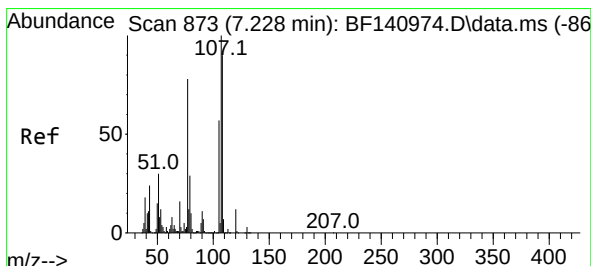
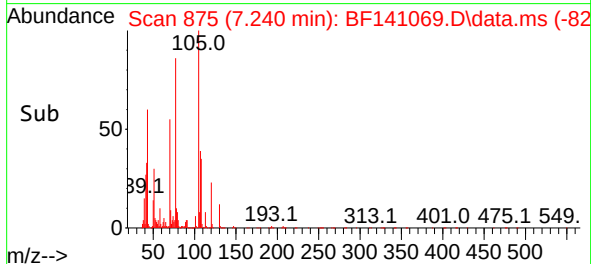
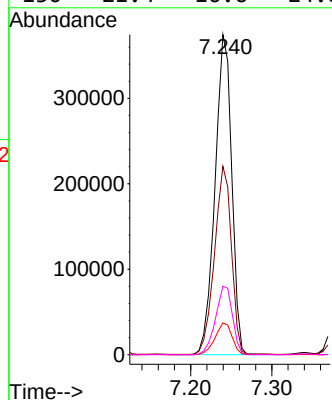
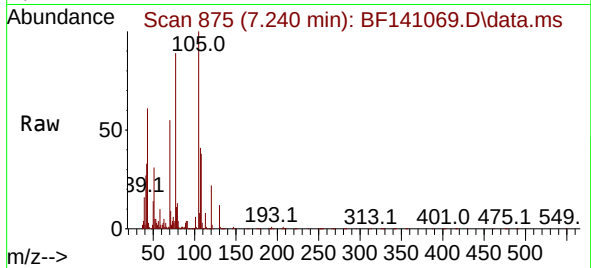




#19
n-Nitroso-di-n-propylamine
Concen: 40.209 ng
RT: 7.240 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

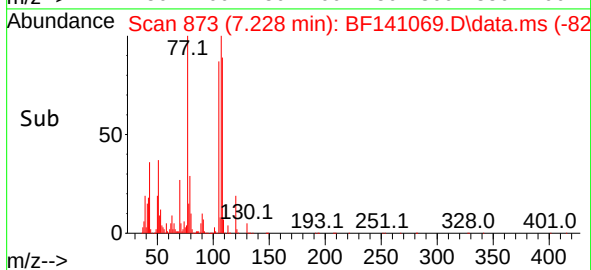
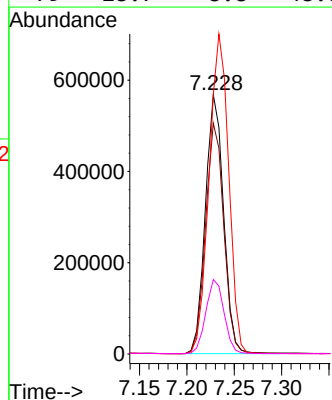
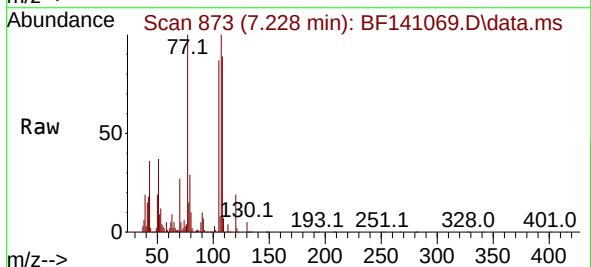
Instrument :
BNA_F
ClientSampleId :
341-349MSD

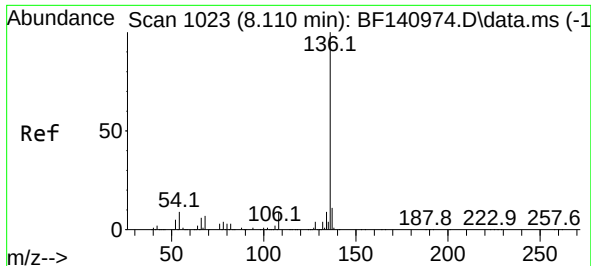
Tgt Ion: 70 Resp: 535249
Ion Ratio Lower Upper
70 100
42 58.9 48.1 72.1
101 10.0 7.6 11.4
130 21.4 16.6 24.8



#20
3+4-Methylphenols
Concen: 40.409 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion: 107 Resp: 755490
Ion Ratio Lower Upper
107 100
108 89.0 69.6 109.6
77 100.1 57.6 97.6#
79 28.7 8.8 48.8



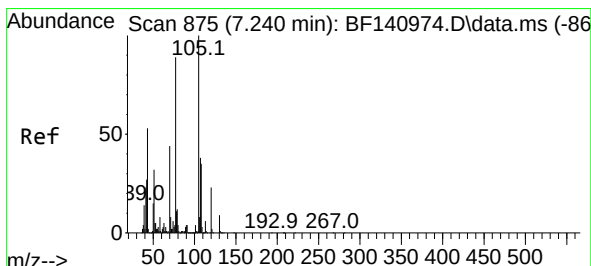
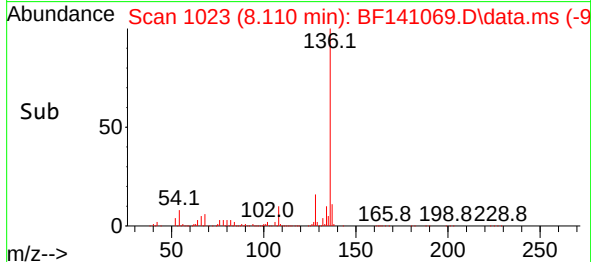
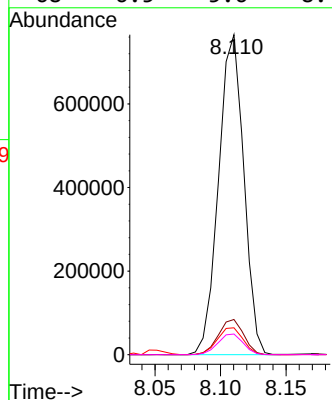
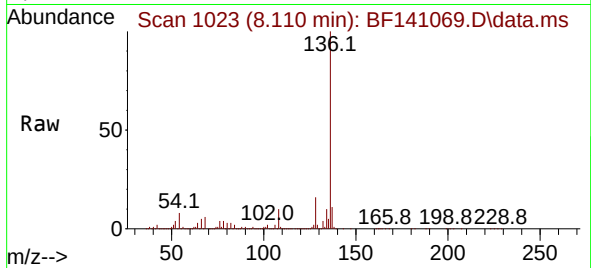


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Instrument :
BNA_F
ClientSampleId :
341-349MSD

Tgt Ion:136 Resp: 1023146

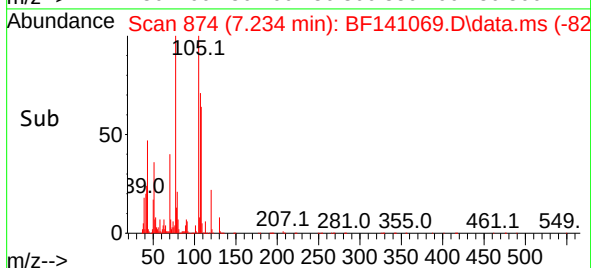
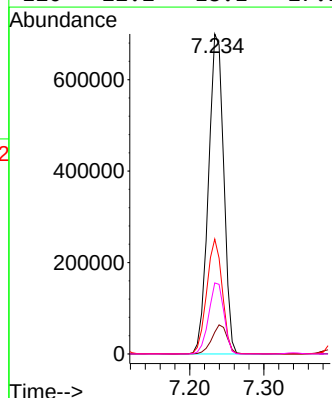
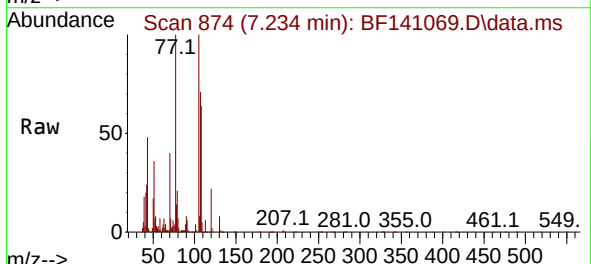
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.4	7.6	11.4
68	6.5	5.6	8.4

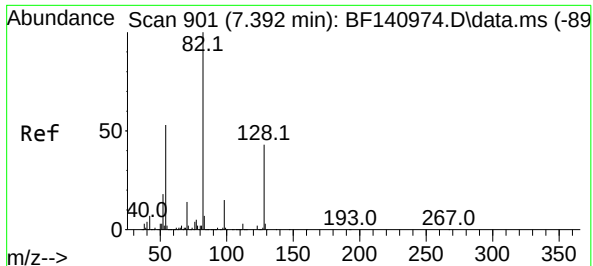


#22
Acetophenone
Concen: 39.841 ng
RT: 7.234 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:105 Resp: 999985

Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.1	9.1
51	35.9	25.8	38.6
120	22.2	18.1	27.1





#23

Nitrobenzene-d5

Concen: 98.432 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

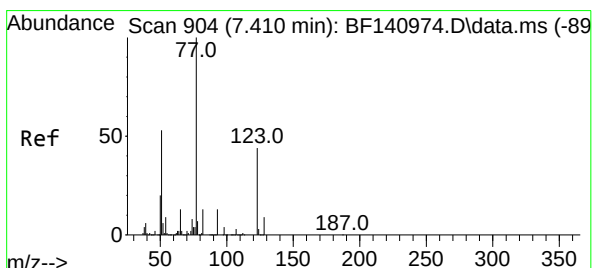
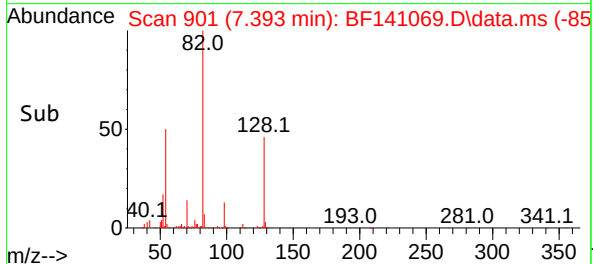
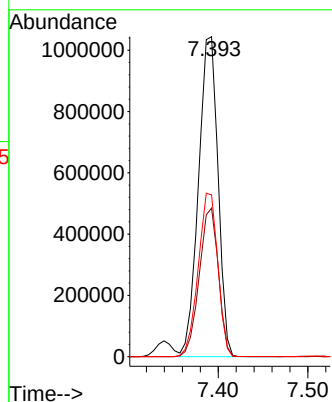
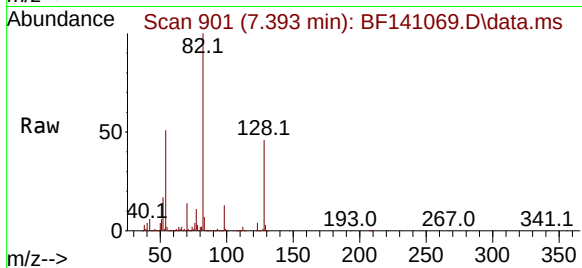
BNA_F

ClientSampleId :

341-349MSD

Tgt Ion: 82 Resp: 1574135

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.4	51.6
54	50.6	42.4	63.6



#24

Nitrobenzene

Concen: 44.756 ng

RT: 7.410 min Scan# 904

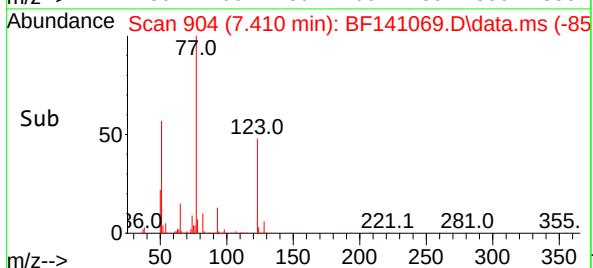
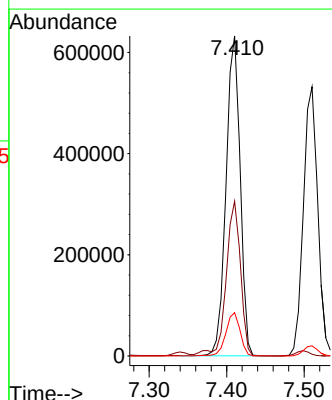
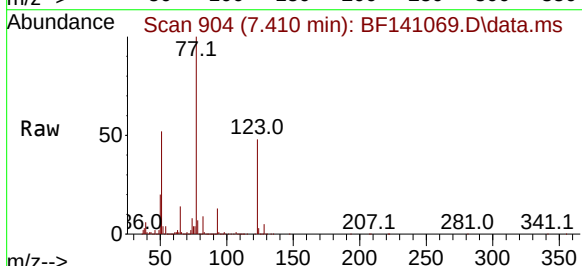
Delta R.T. 0.000 min

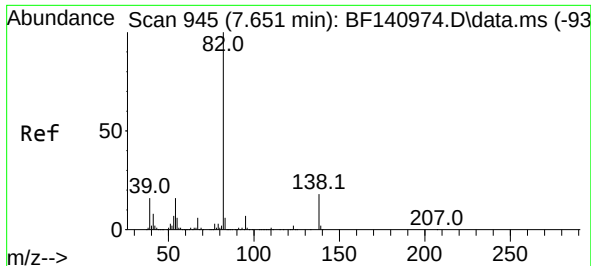
Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Tgt Ion: 77 Resp: 799773

Ion	Ratio	Lower	Upper
77	100		
123	48.4	35.4	53.2
65	13.5	10.7	16.1

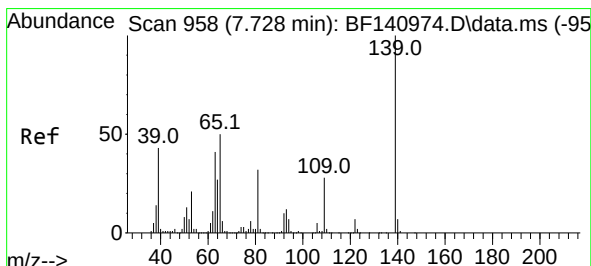
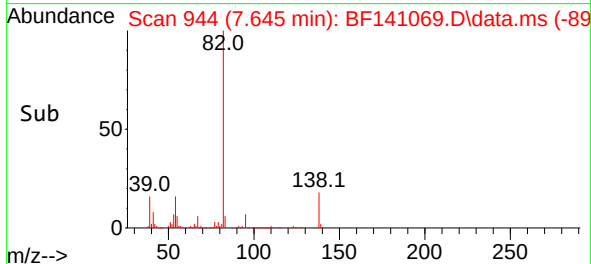
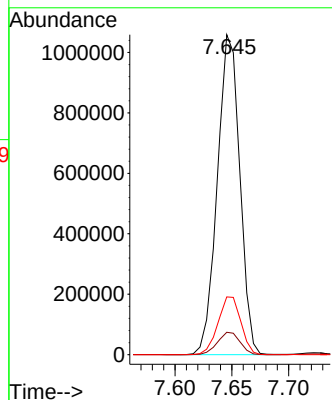
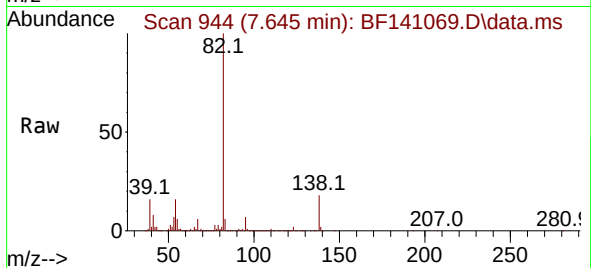




#25
Isophorone
Concen: 41.915 ng
RT: 7.645 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

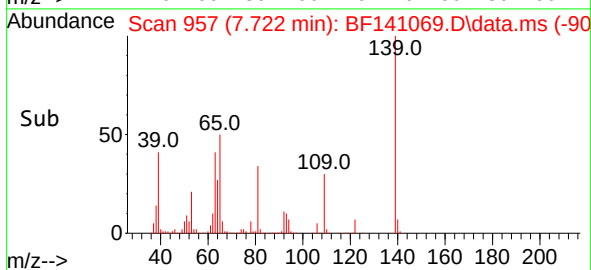
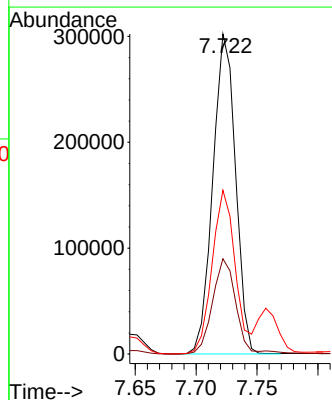
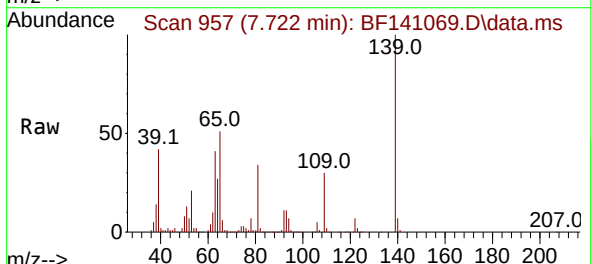
Instrument :
BNA_F
ClientSampleId :
341-349MSD

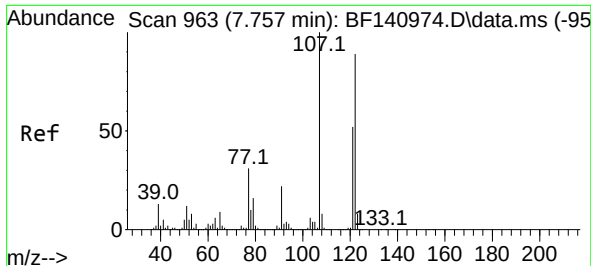
Tgt Ion: 82 Resp: 1458618
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.1 14.6 21.8



#26
2-Nitrophenol
Concen: 53.028 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:139 Resp: 392901
Ion Ratio Lower Upper
139 100
109 29.7 22.2 33.4
65 51.1 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 50.064 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

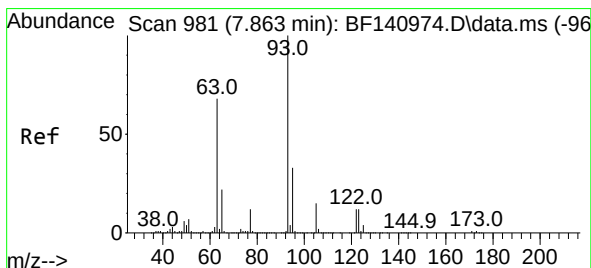
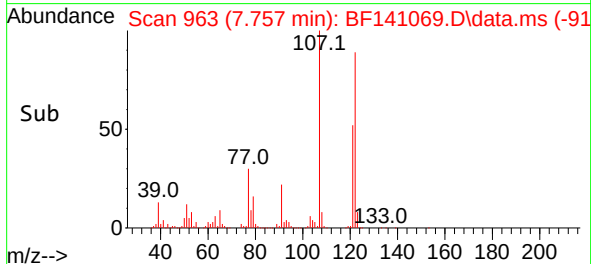
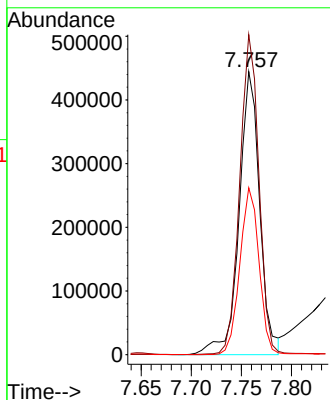
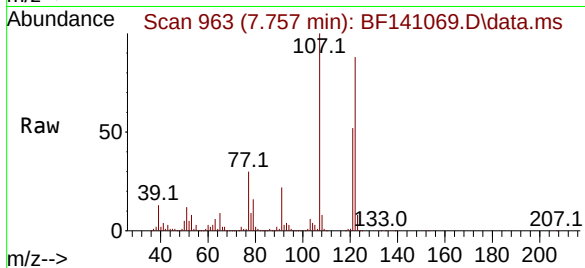
Tgt Ion:122 Resp: 636726

Ion Ratio Lower Upper

122 100

107 113.0 89.4 134.2

121 59.0 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.356 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

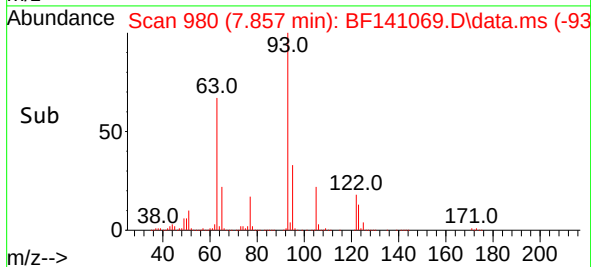
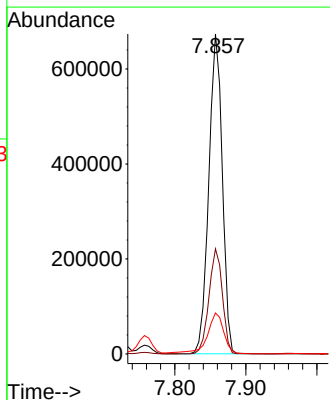
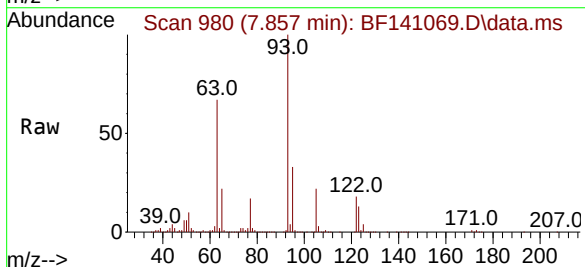
Tgt Ion: 93 Resp: 889805

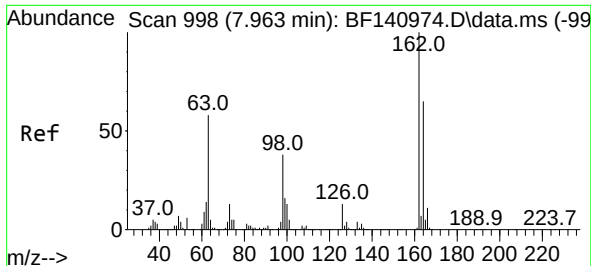
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.8 9.9 14.9

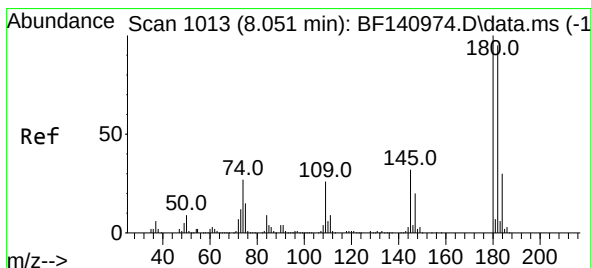
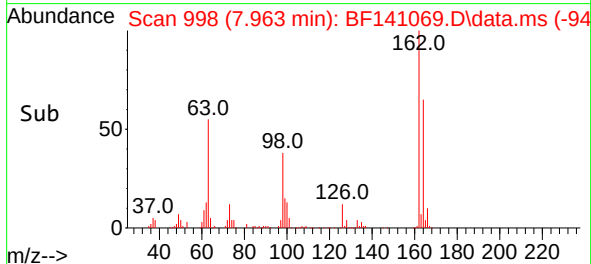
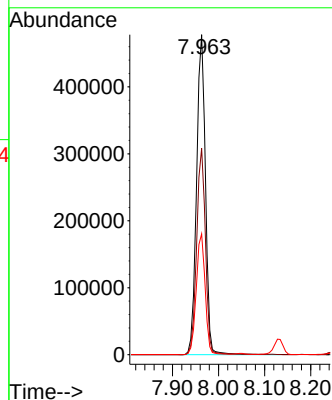
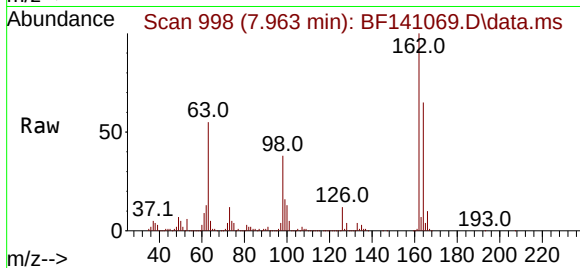




#29
2,4-Dichlorophenol
Concen: 44.248 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

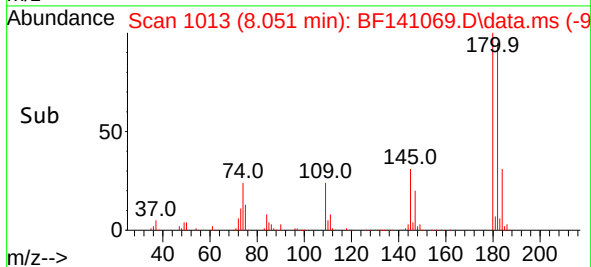
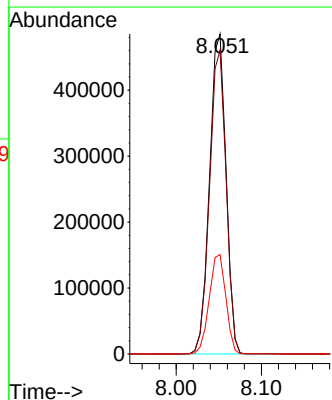
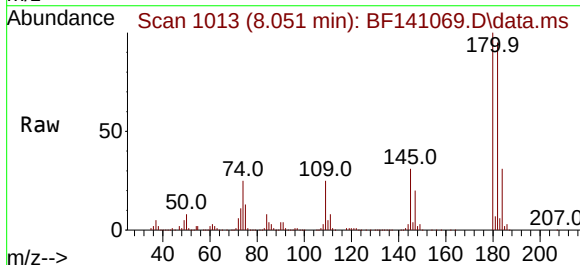
Instrument :
BNA_F
ClientSampleId :
341-349MSD

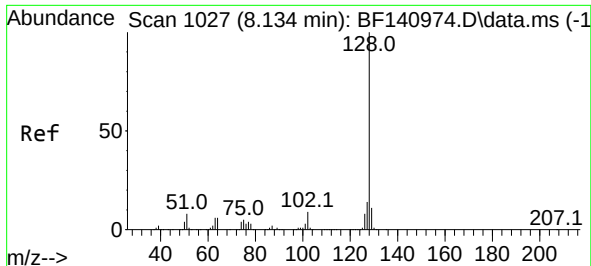
Tgt Ion:162 Resp: 638246
Ion Ratio Lower Upper
162 100
164 64.5 44.8 84.8
98 37.7 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 39.966 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:180 Resp: 652497
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
145 31.1 25.4 38.2

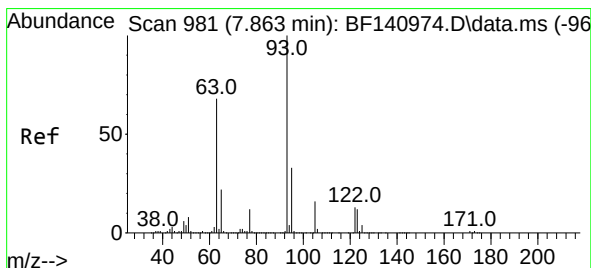
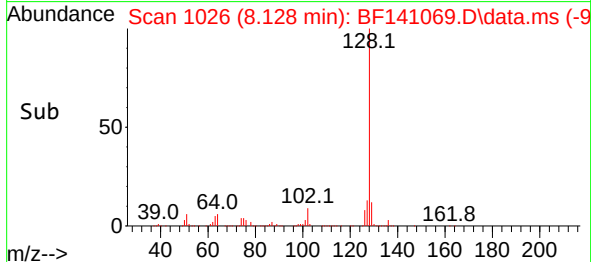
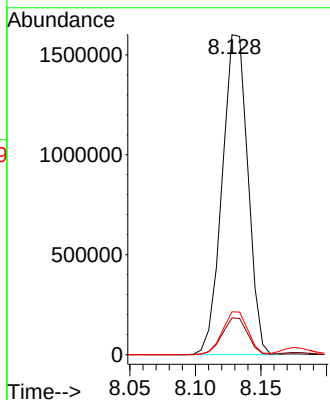
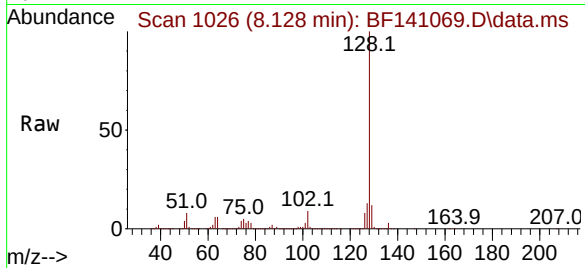




#31
Naphthalene
Concen: 40.443 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

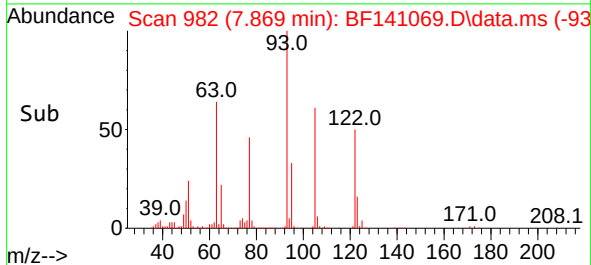
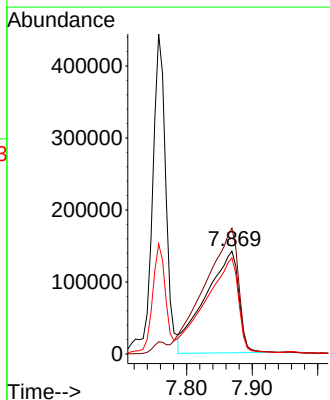
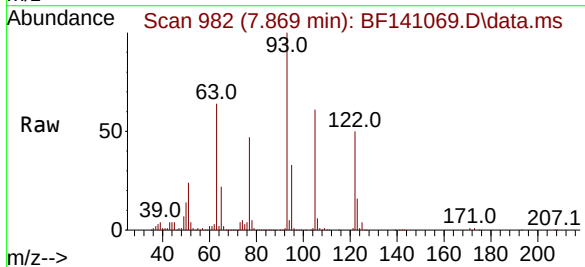
Instrument :
BNA_F
ClientSampleId :
341-349MSD

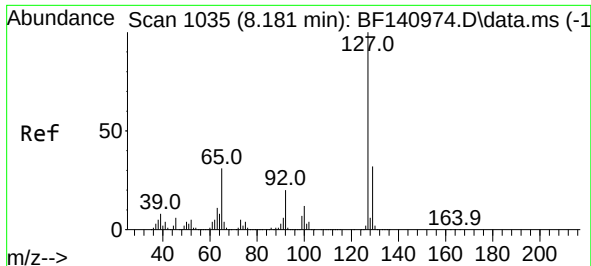
Tgt Ion:128 Resp: 2180451
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 47.529 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:122 Resp: 496521
Ion Ratio Lower Upper
122 100
105 122.4 105.4 145.4
77 93.4 76.4 116.4

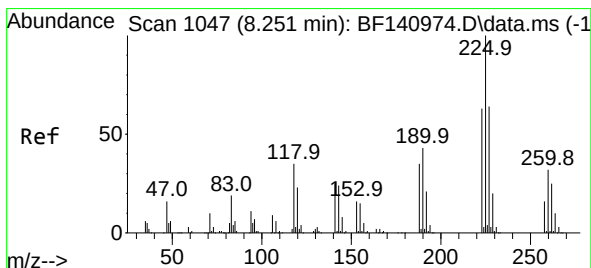
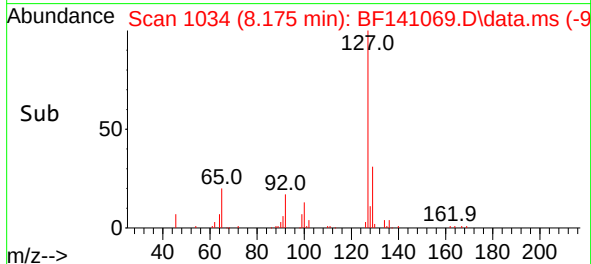
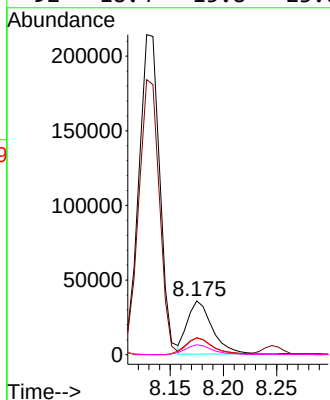
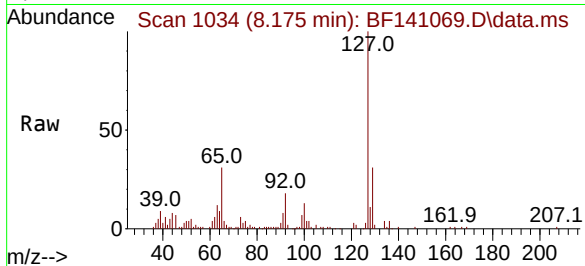




#33
4-Chloroaniline
Concen: 2.954 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

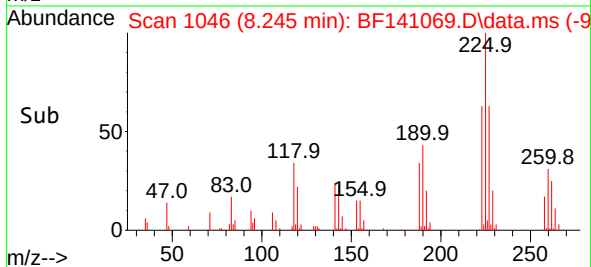
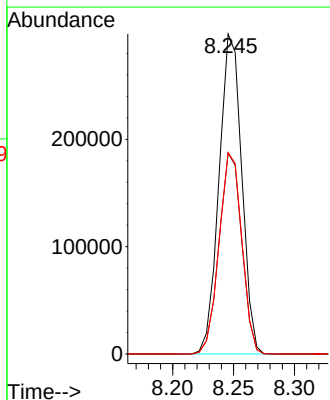
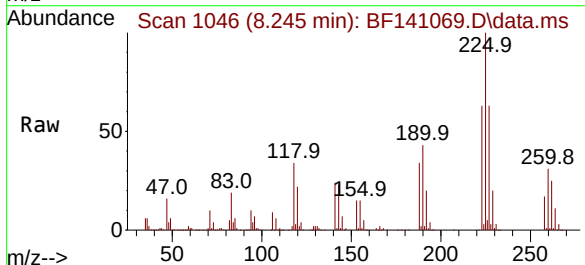
Instrument :
BNA_F
ClientSampleId :
341-349MSD

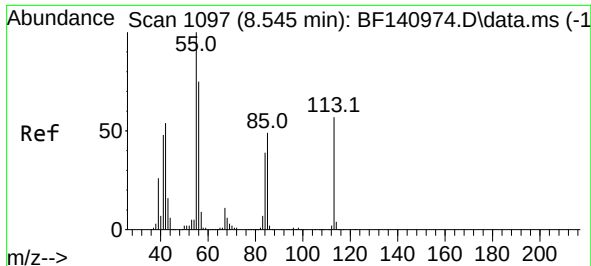
Tgt Ion:	127	Resp:	57621
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	31.2	24.6	37.0
92	18.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.081 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:	225	Resp:	385768
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	62.9	50.8	76.2

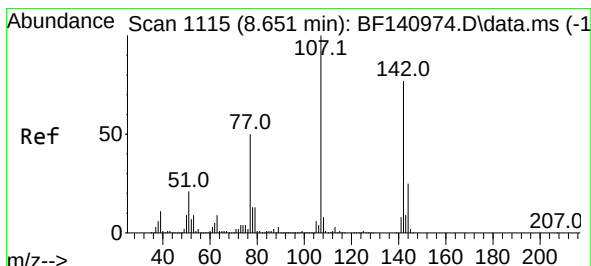
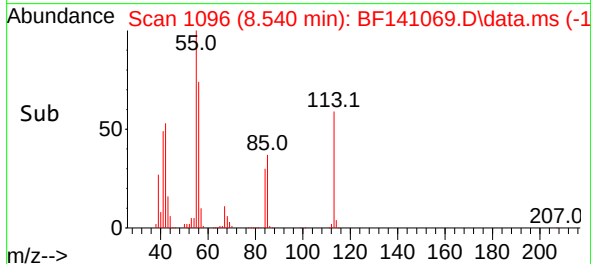
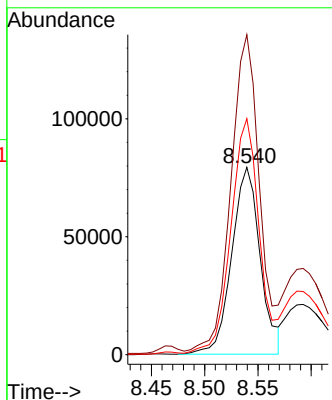
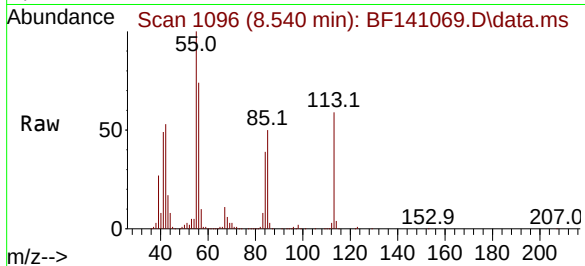




#35
 Caprolactam
 Concen: 29.982 ng
 RT: 8.540 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF141069.D
 Acq: 03 Jan 2025 15:55

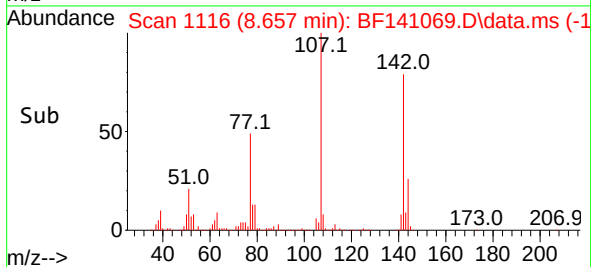
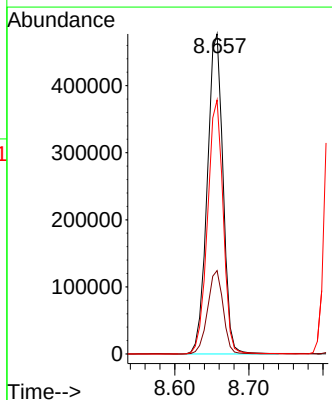
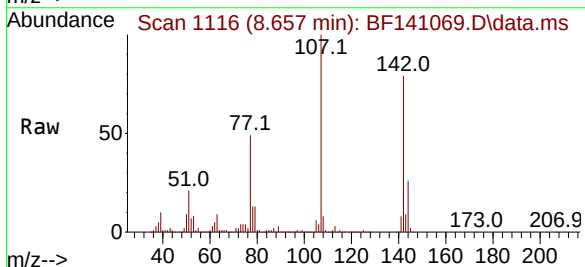
Instrument :
 BNA_F
 ClientSampleId :
 341-349MSD

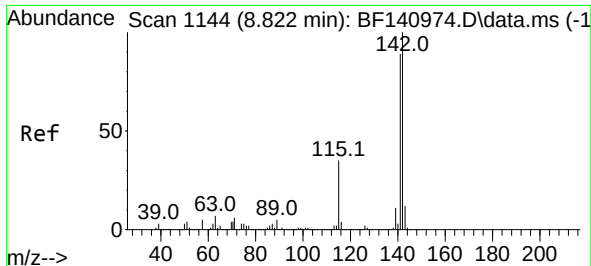
Tgt Ion:113 Resp: 147023
 Ion Ratio Lower Upper
 113 100
 55 170.8 156.6 196.6
 56 126.0 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.934 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141069.D
 Acq: 03 Jan 2025 15:55

Tgt Ion:107 Resp: 703781
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.9 29.9
 142 79.4 61.8 92.8

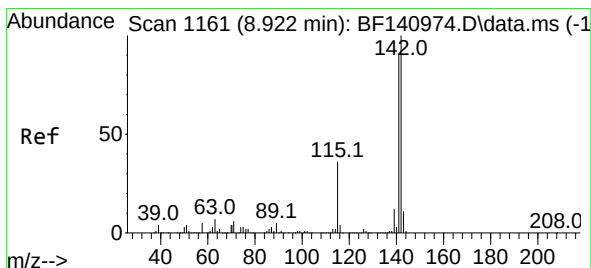
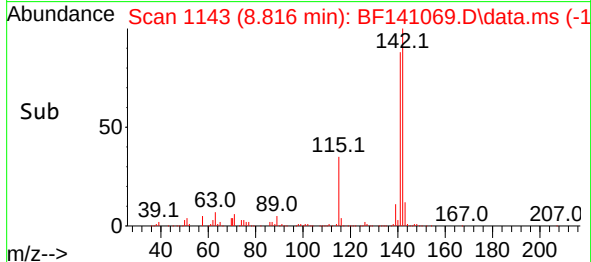
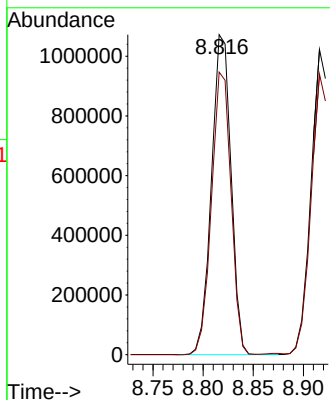
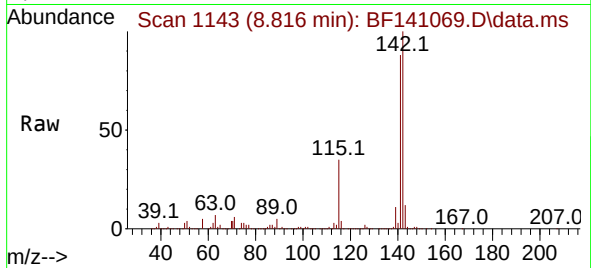




#37
2-Methylnaphthalene
Concen: 42.121 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

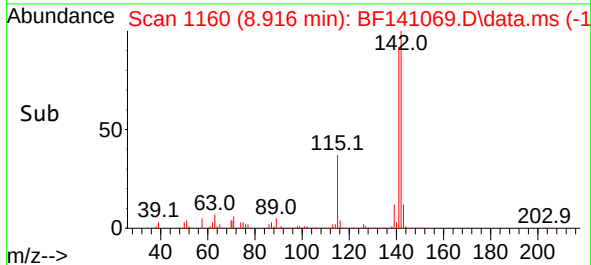
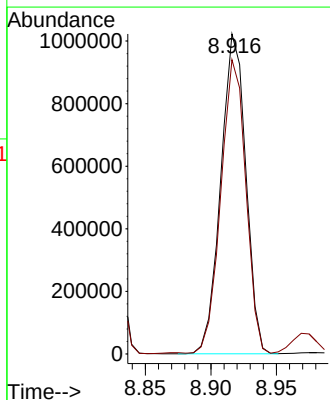
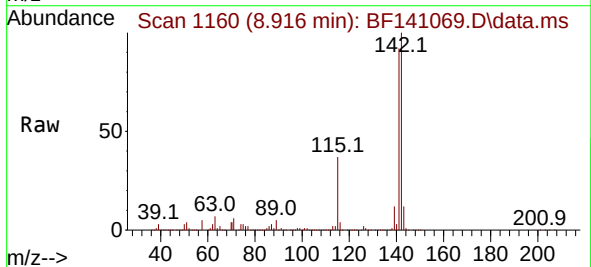
Instrument :
BNA_F
ClientSampleId :
341-349MSD

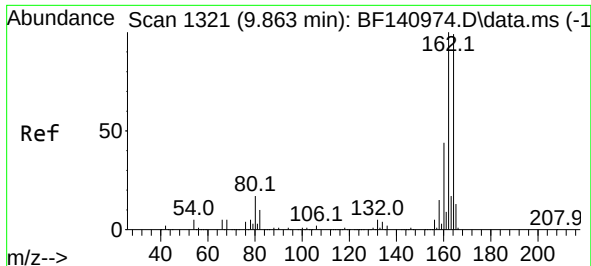
Tgt Ion:142 Resp: 1452781
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 40.041 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

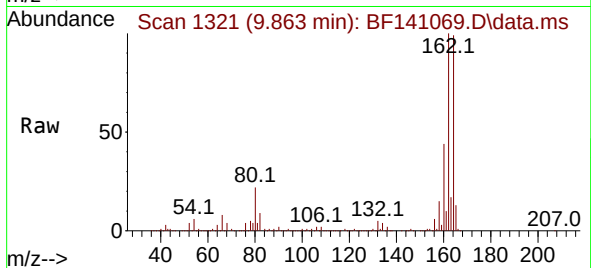
Tgt Ion:142 Resp: 1357269
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1



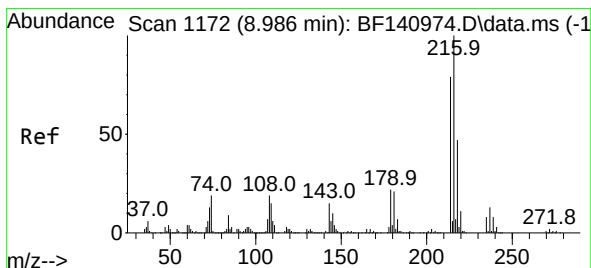
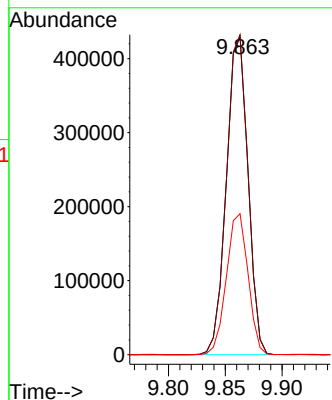
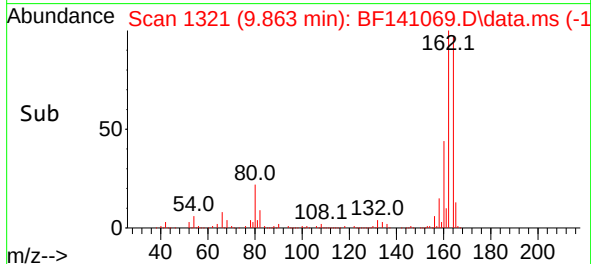


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

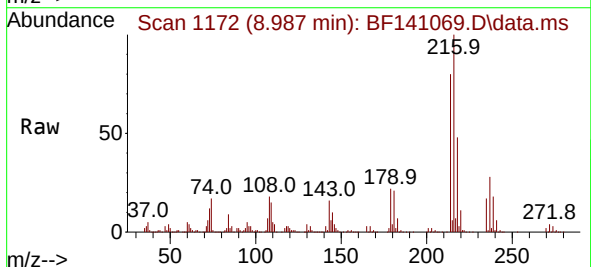
Instrument :
BNA_F
ClientSampleId :
341-349MSD



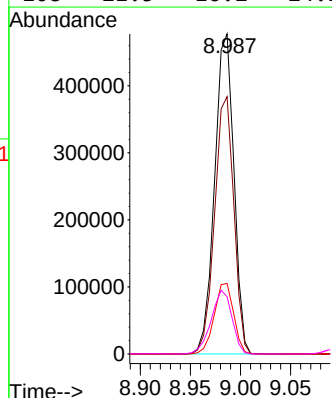
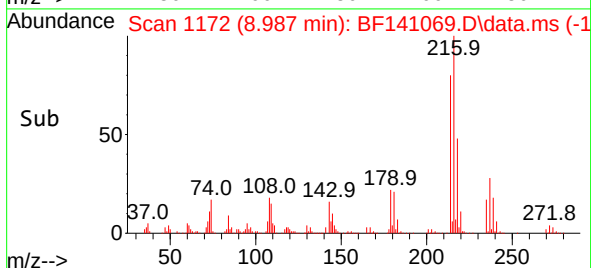
Tgt Ion:164 Resp: 567576
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.4 35.7 53.5

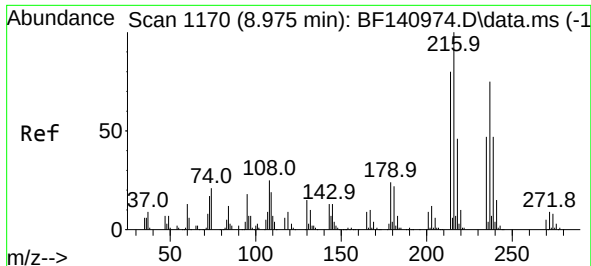


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.847 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55



Tgt Ion:216 Resp: 637816
Ion Ratio Lower Upper
216 100
214 80.2 63.0 94.6
179 22.3 17.9 26.9
108 21.5 16.2 24.2

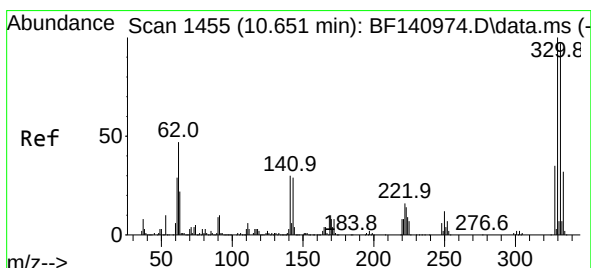
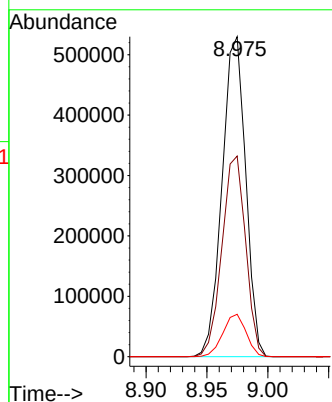
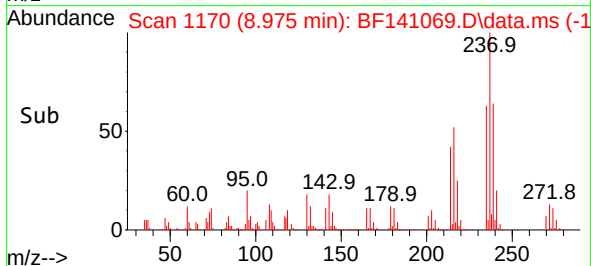
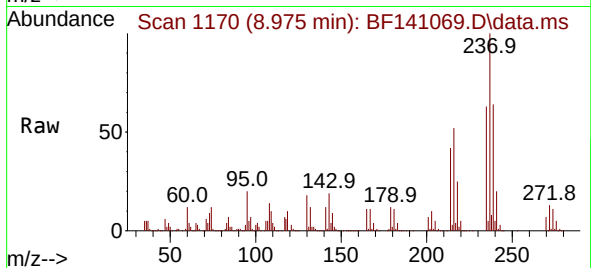




#41
Hexachlorocyclopentadiene
Concen: 138.087 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

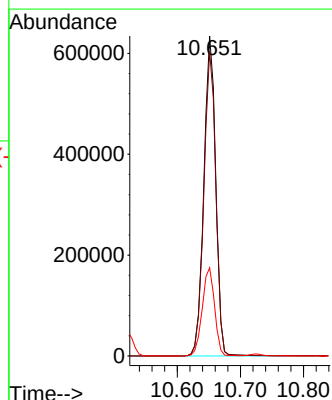
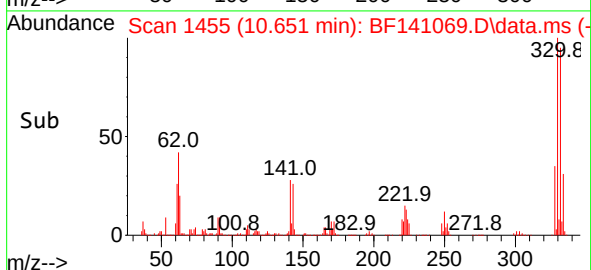
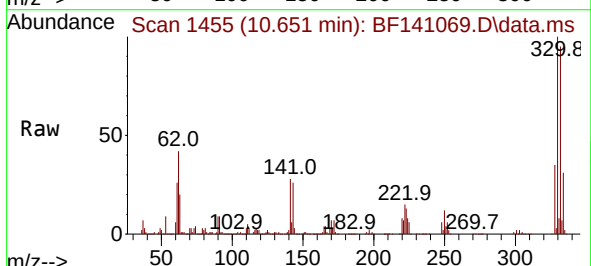
Instrument :
BNA_F
ClientSampleId :
341-349MSD

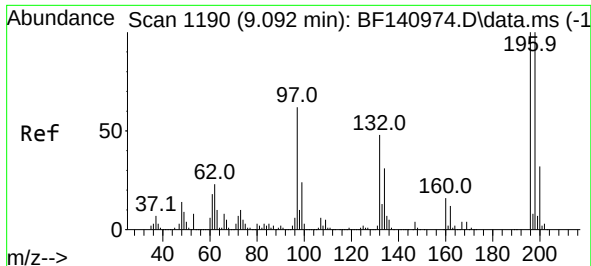
Tgt Ion:237 Resp: 714535
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 150.845 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:330 Resp: 831937
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 28.5 26.4 39.6

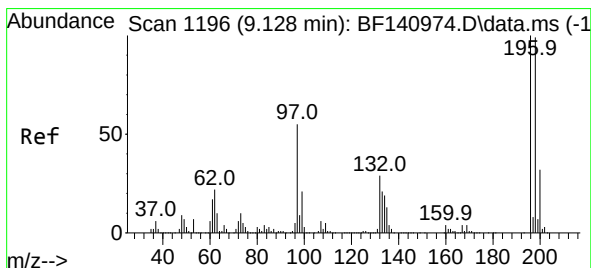
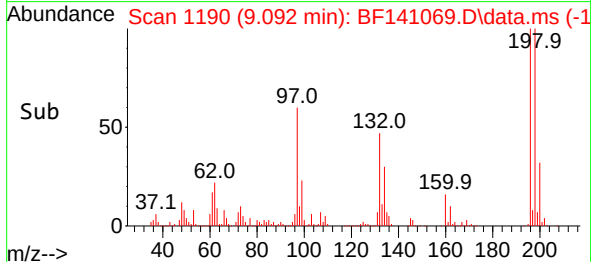
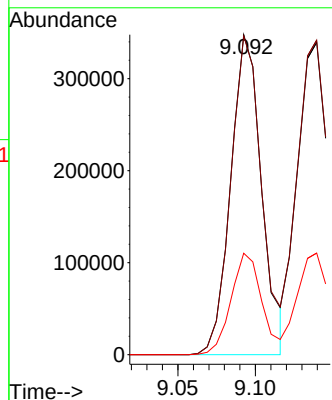
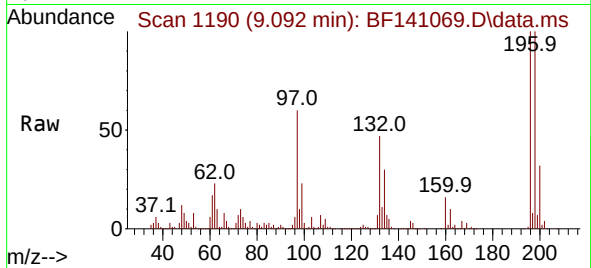




#43
2,4,6-Trichlorophenol
Concen: 46.286 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

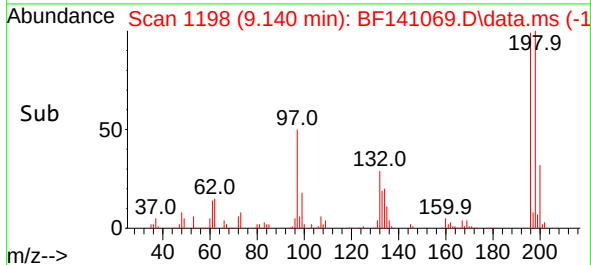
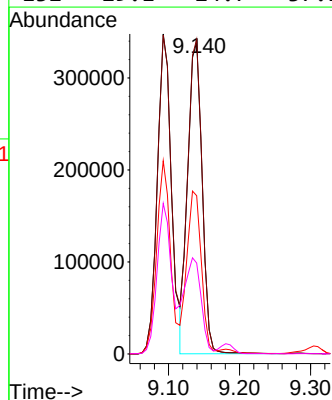
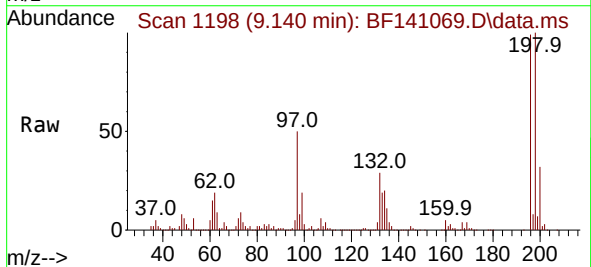
Instrument :
BNA_F
ClientSampleId :
341-349MSD

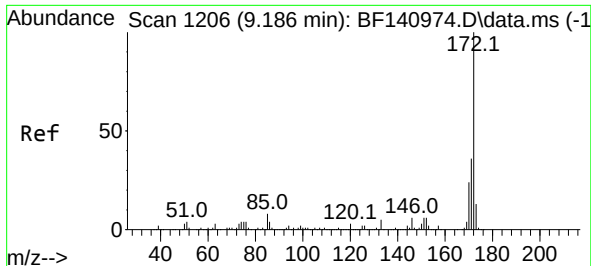
Tgt Ion:196 Resp: 481025
Ion Ratio Lower Upper
196 100
198 99.6 80.2 120.4
200 31.7 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 45.137 ng
RT: 9.140 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:196 Resp: 479961
Ion Ratio Lower Upper
196 100
198 100.7 79.9 119.9
97 50.6 44.3 66.5
132 29.1 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 79.383 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

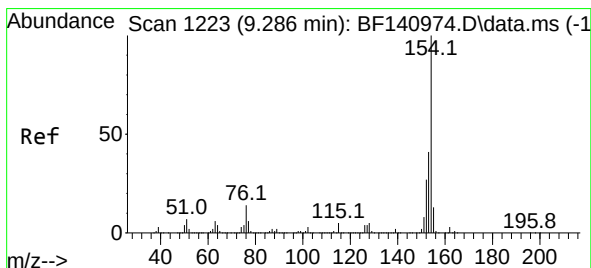
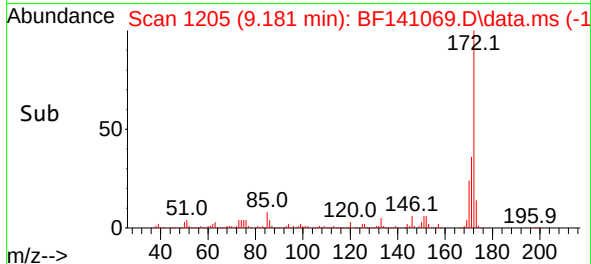
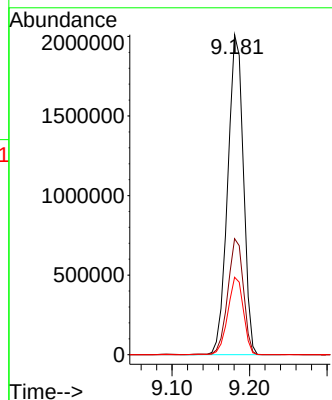
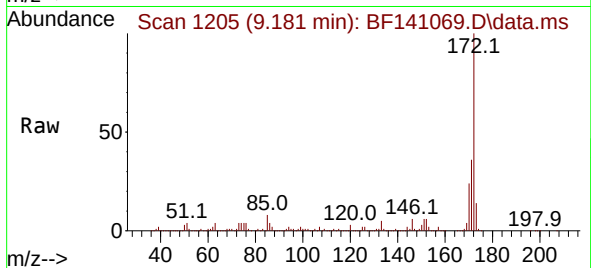
Tgt Ion:172 Resp: 2827943

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: 41.270 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.005 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

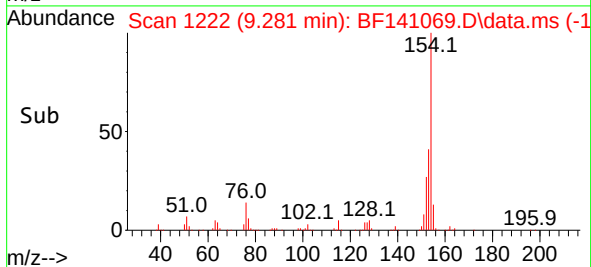
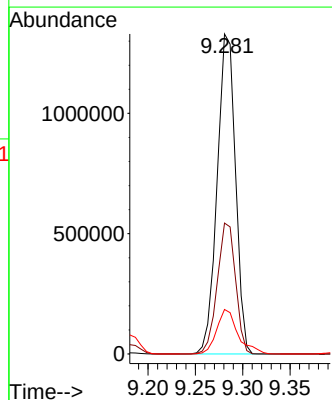
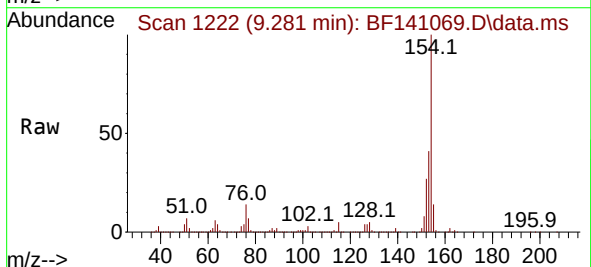
Tgt Ion:154 Resp: 1793573

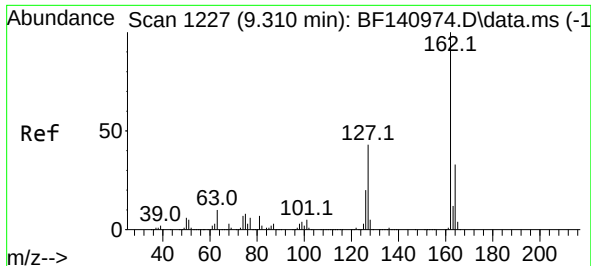
Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

76 13.9 0.0 34.0

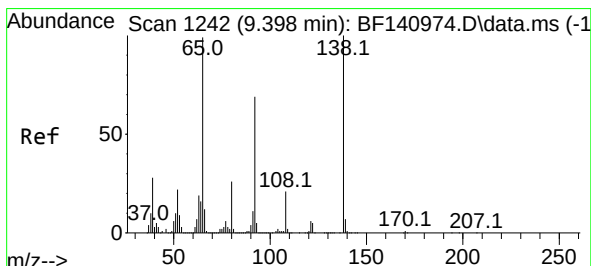
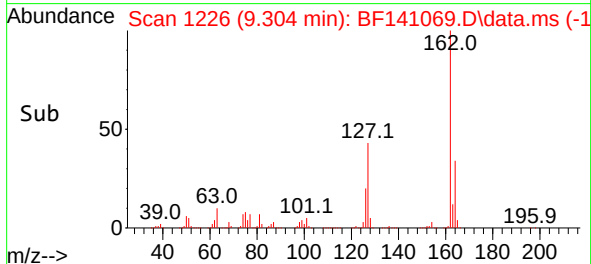
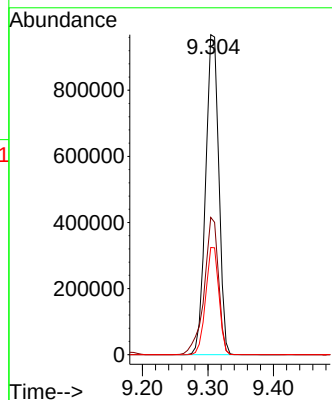
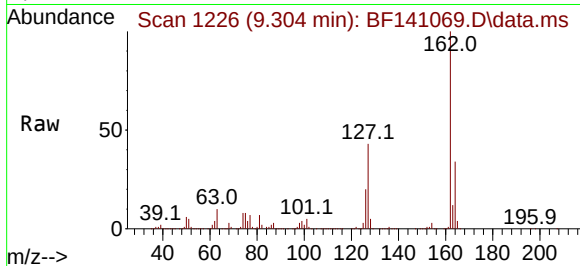




#47
2-Chloronaphthalene
Concen: 40.268 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

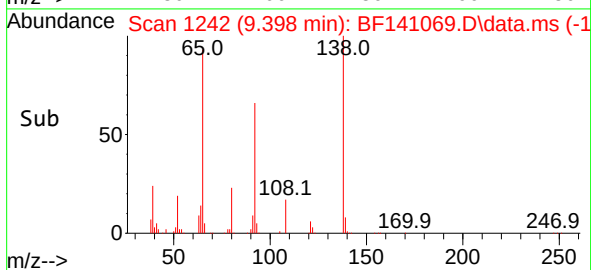
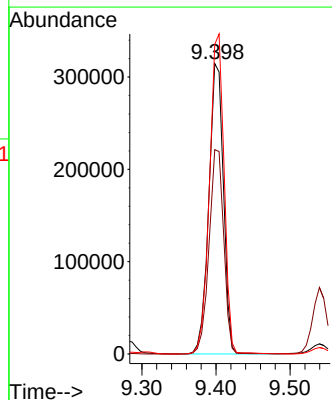
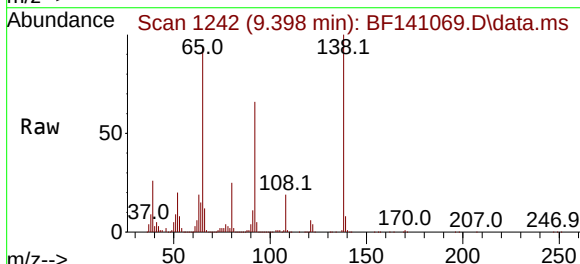
Instrument :
BNA_F
ClientSampleId :
341-349MSD

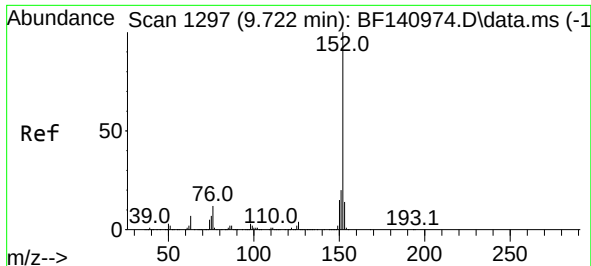
Tgt Ion:162 Resp: 1357256
Ion Ratio Lower Upper
162 100
127 42.9 34.2 51.4
164 33.5 26.6 40.0



#48
2-Nitroaniline
Concen: 48.898 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion: 65 Resp: 432014
Ion Ratio Lower Upper
65 100
92 70.3 55.6 83.4
138 106.6 80.5 120.7

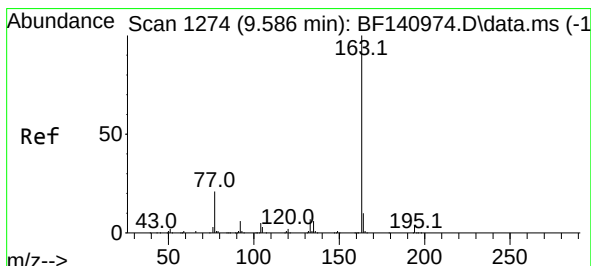
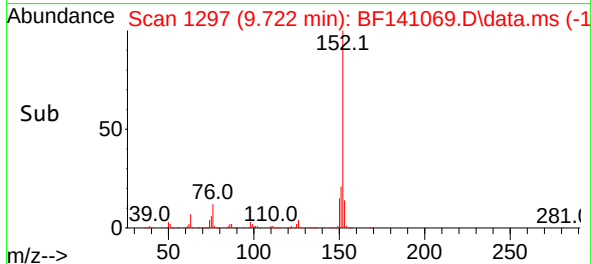
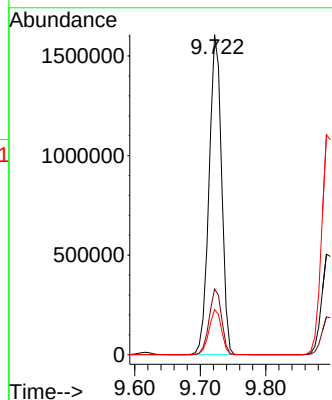
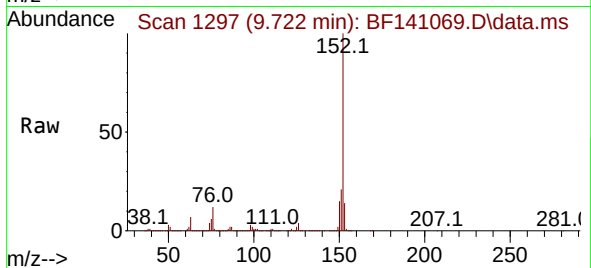




#49
Acenaphthylene
Concen: 44.000 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

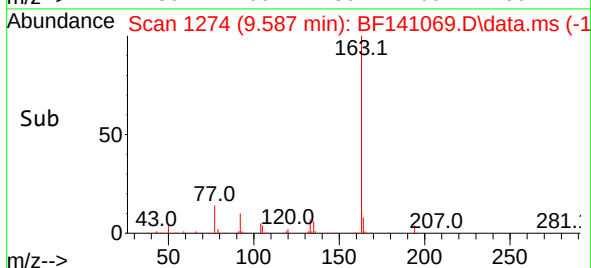
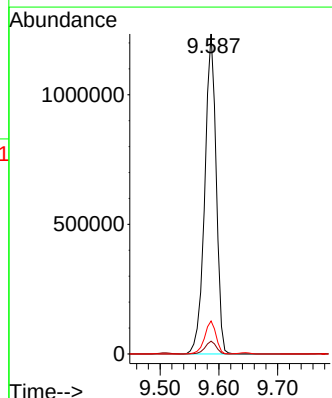
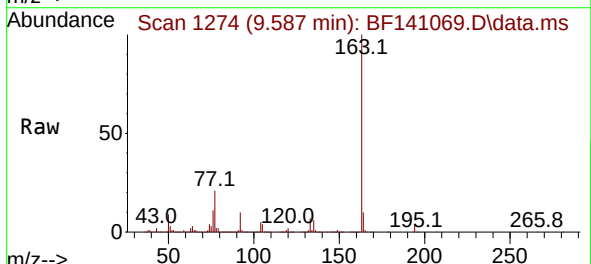
Instrument :
BNA_F
ClientSampleId :
341-349MSD

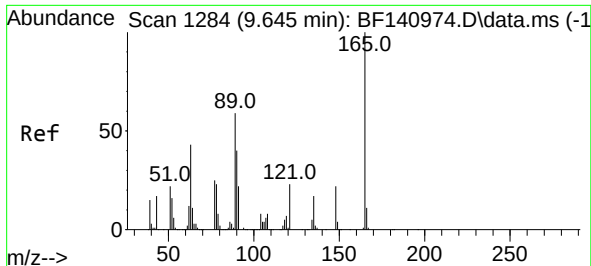
Tgt Ion:152 Resp: 2134924
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.1 11.4 17.0



#50
Dimethylphthalate
Concen: 44.578 ng
RT: 9.587 min Scan# 1274
Delta R.T. 0.001 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:163 Resp: 1664237
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.3 12.5

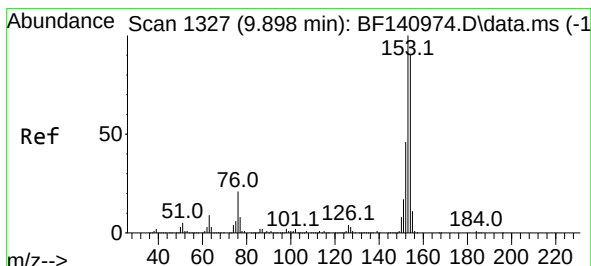
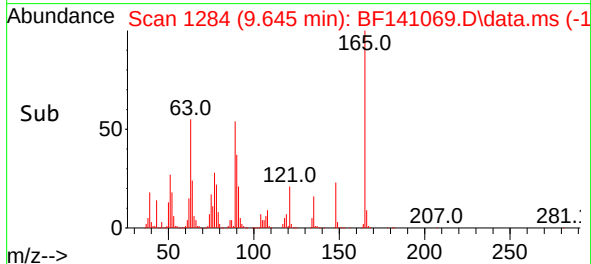
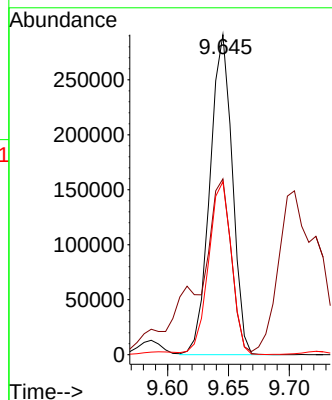
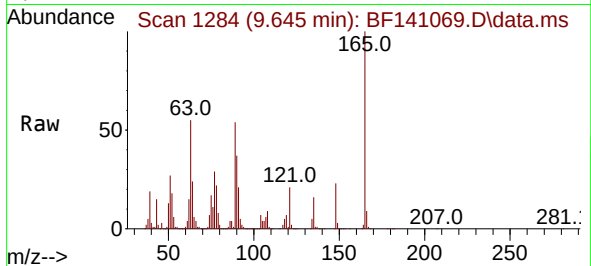




#51
2,6-Dinitrotoluene
Concen: 48.989 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

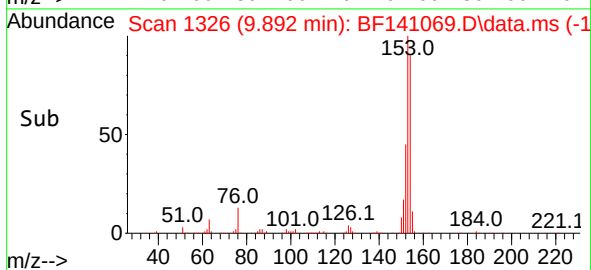
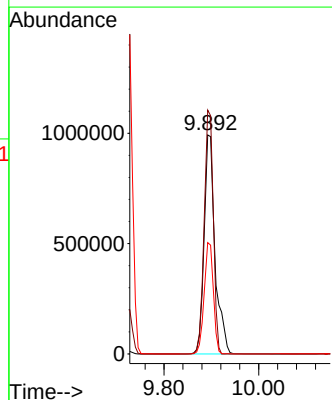
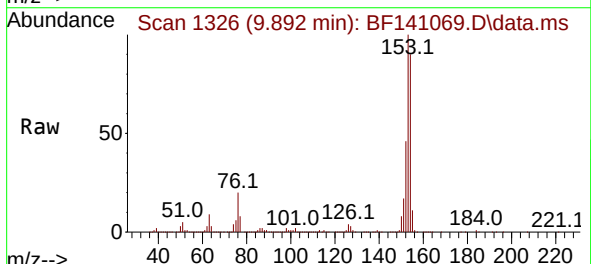
Instrument :
BNA_F
ClientSampleId :
341-349MSD

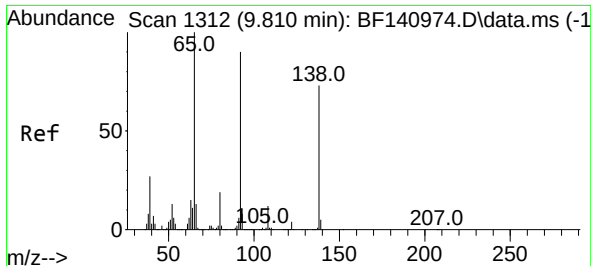
Tgt Ion:165 Resp: 373601
Ion Ratio Lower Upper
165 100
63 54.9 47.1 70.7
89 54.1 47.0 70.4



#52
Acenaphthene
Concen: 48.592 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:154 Resp: 1593913
Ion Ratio Lower Upper
154 100
153 111.3 89.2 133.8
152 50.8 40.9 61.3

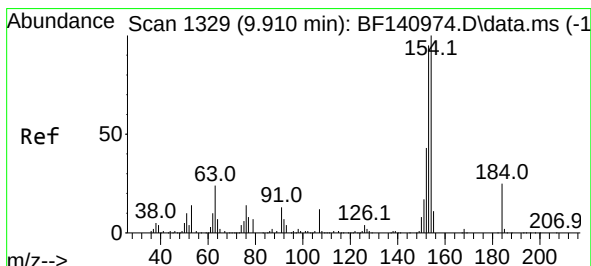
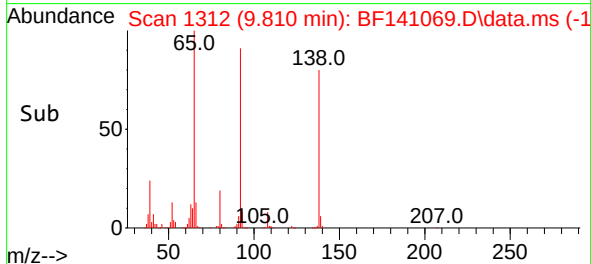
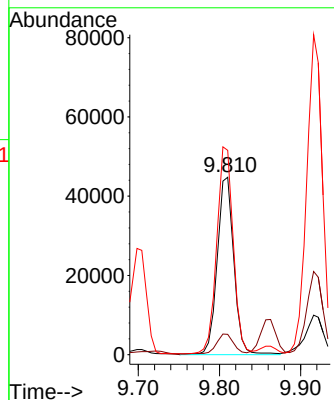
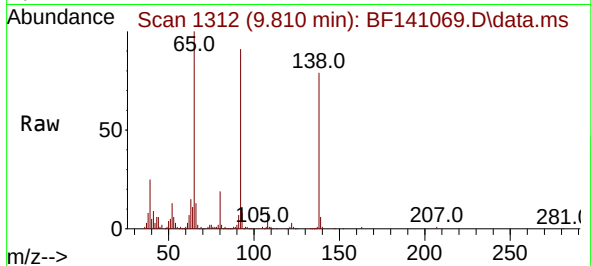




#53
3-Nitroaniline
Concen: 10.454 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

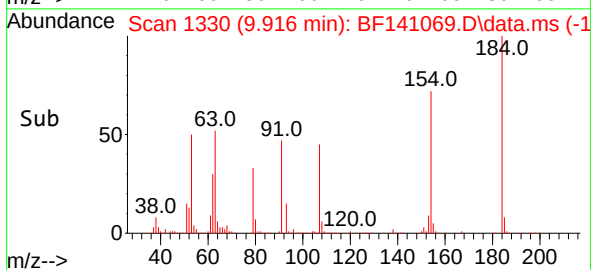
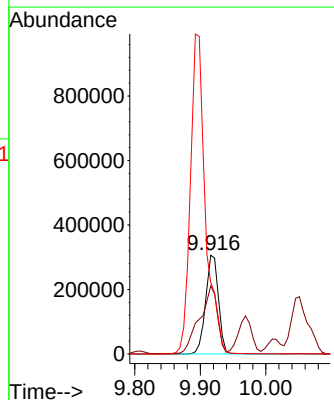
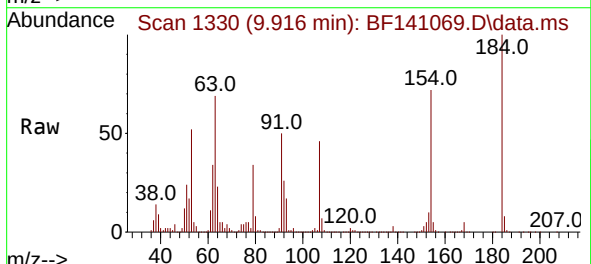
Instrument :
BNA_F
ClientSampleId :
341-349MSD

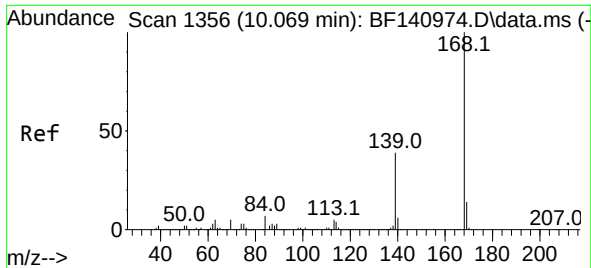
Tgt Ion:138 Resp: 63868
Ion Ratio Lower Upper
138 100
108 11.4 13.5 20.3#
92 115.1 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 114.894 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:184 Resp: 418898
Ion Ratio Lower Upper
184 100
63 68.8 81.6 122.4#
154 72.2 363.5 545.3#

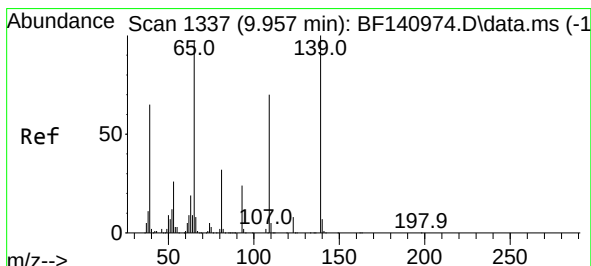
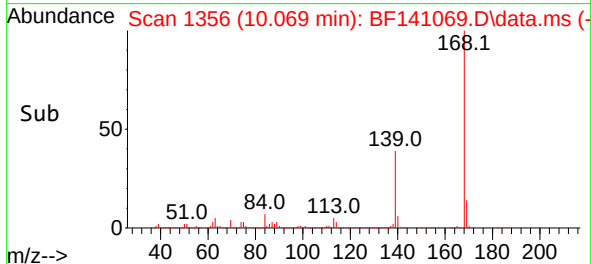
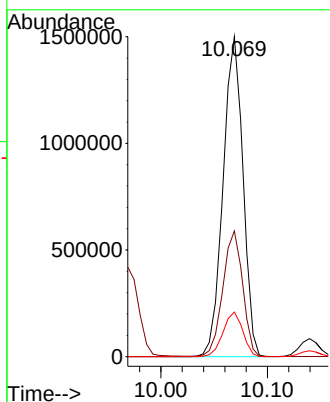
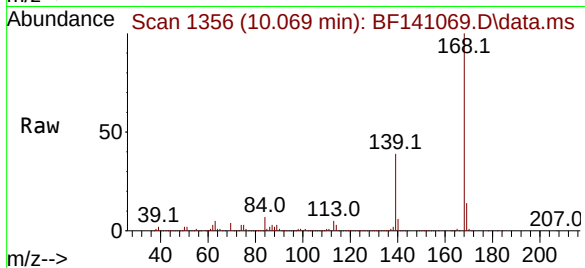




#55
Dibenzenofuran
Concen: 42.231 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

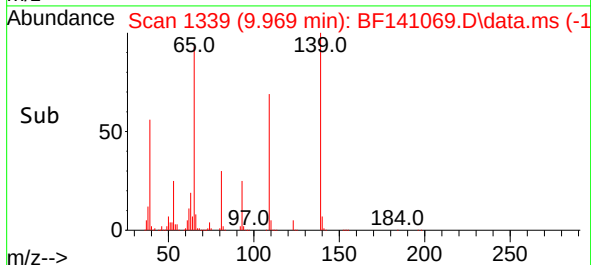
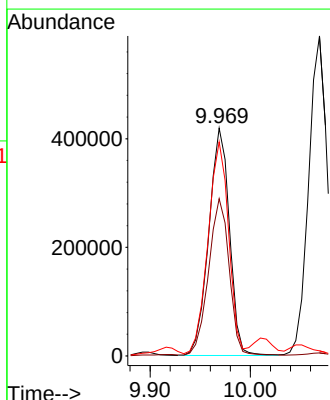
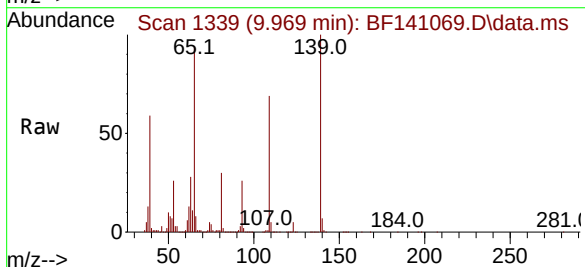
Instrument :
BNA_F
ClientSampleId :
341-349MSD

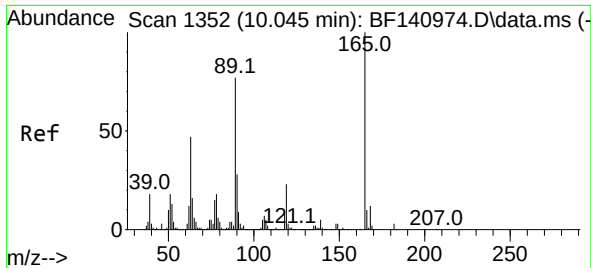
Tgt Ion:168 Resp: 1946812
Ion Ratio Lower Upper
168 100
139 39.3 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 94.234 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:139 Resp: 601792
Ion Ratio Lower Upper
139 100
109 69.0 50.8 90.8
65 93.9 78.5 118.5

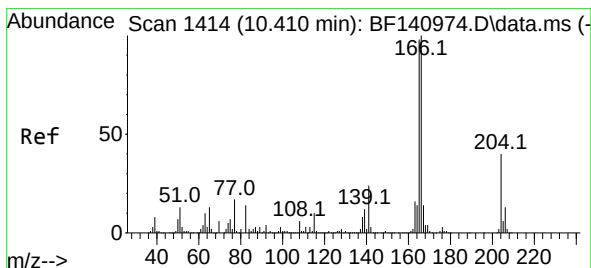
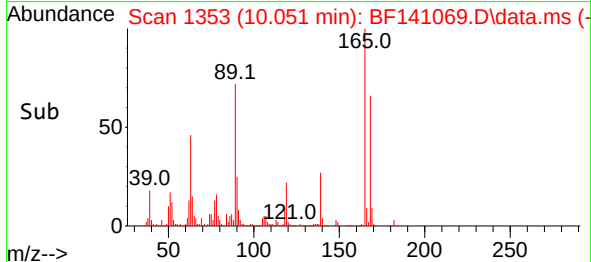
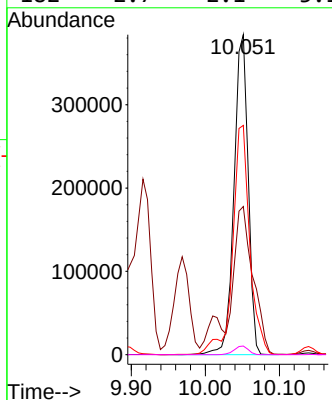
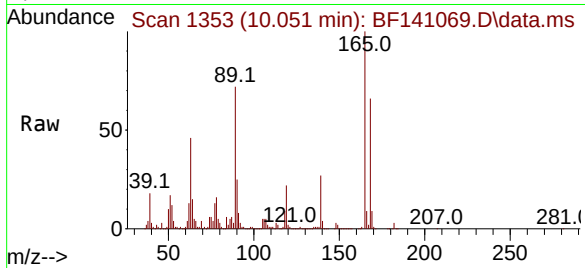




#57
2,4-Dinitrotoluene
Concen: 54.050 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

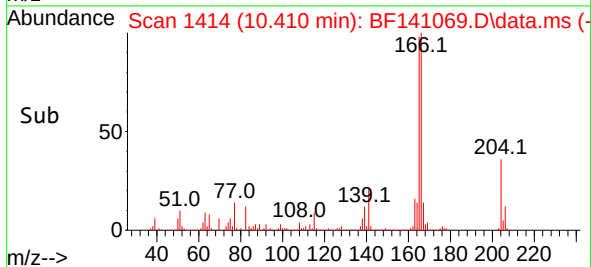
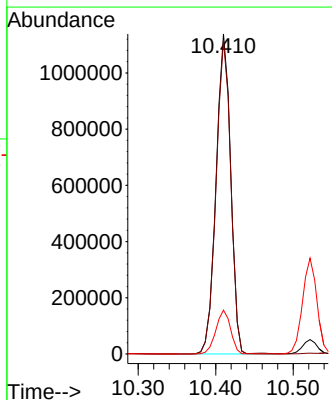
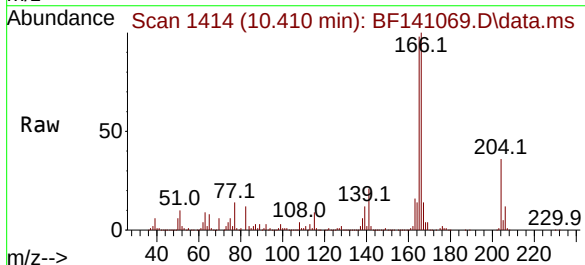
Instrument :
BNA_F
ClientSampleId :
341-349MSD

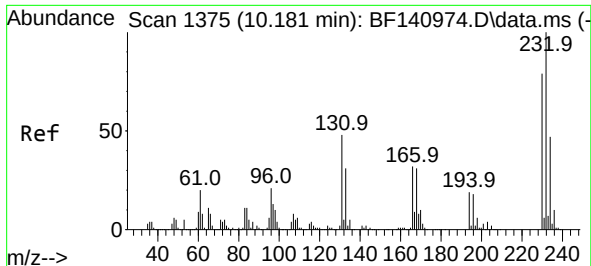
Tgt Ion:165 Resp: 509396
Ion Ratio Lower Upper
165 100
63 46.3 38.1 57.1
89 71.7 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 41.684 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:166 Resp: 1490097
Ion Ratio Lower Upper
166 100
165 98.1 78.3 117.5
167 13.7 10.9 16.3

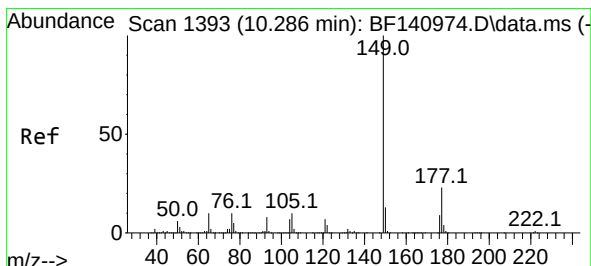
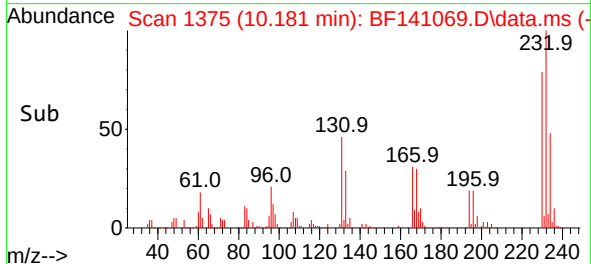
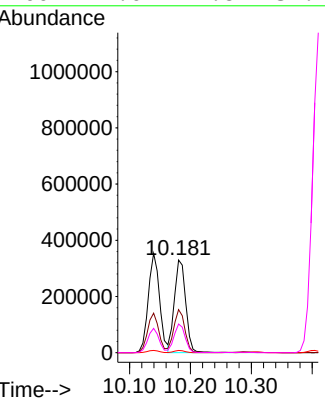
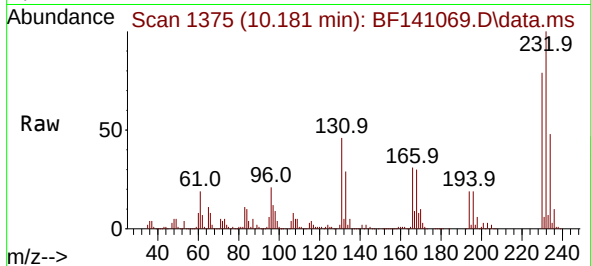




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.443 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

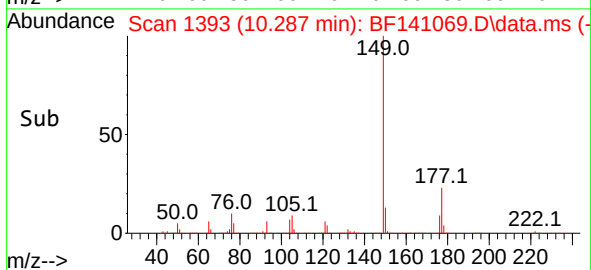
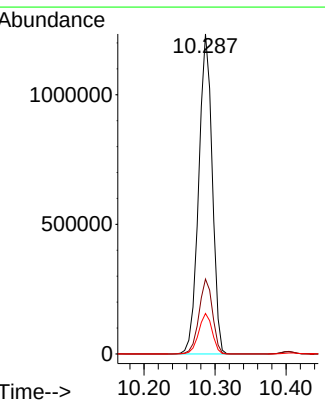
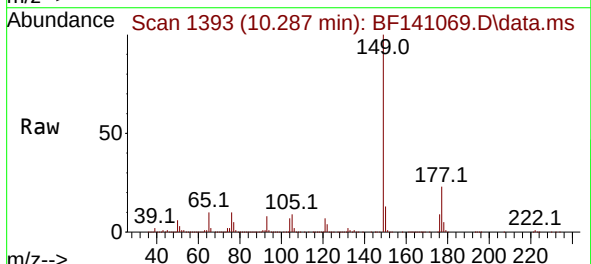
Instrument :
BNA_F
ClientSampleId :
341-349MSD

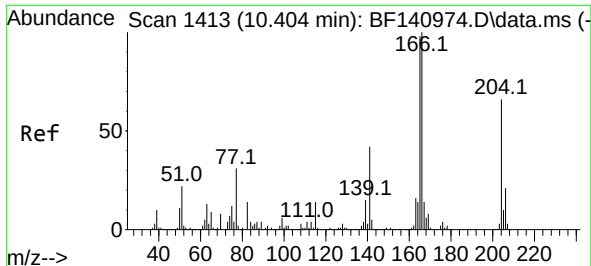
Tgt Ion:232 Resp: 426619
Ion Ratio Lower Upper
232 100
131 46.0 37.4 56.2
130 2.3 1.8 2.8
166 29.6 24.8 37.2



#60
Diethylphthalate
Concen: 44.325 ng
RT: 10.287 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:149 Resp: 1633684
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.7 10.4 15.6

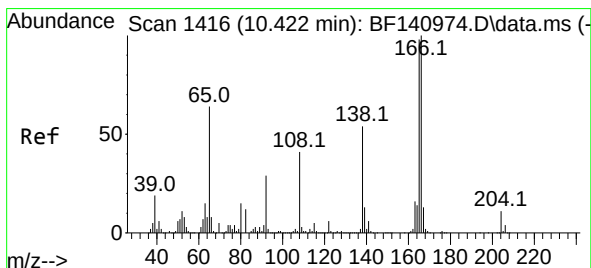
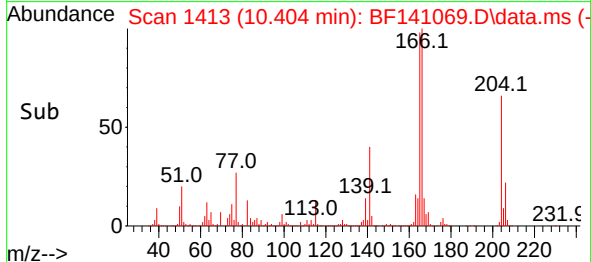
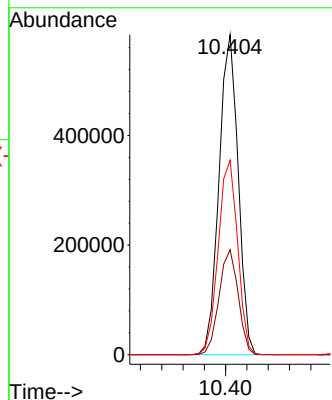
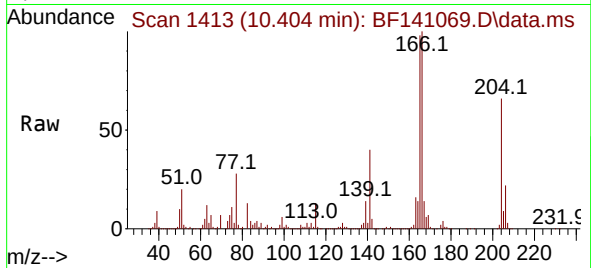




#61
4-Chlorophenyl-phenylether
Concen: 42.239 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

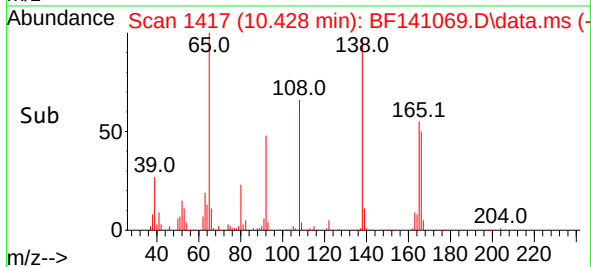
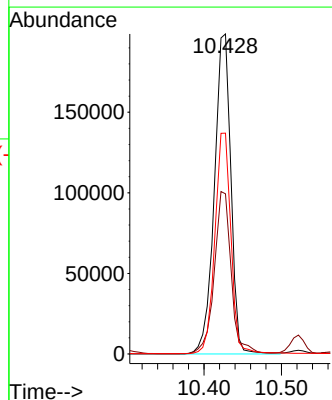
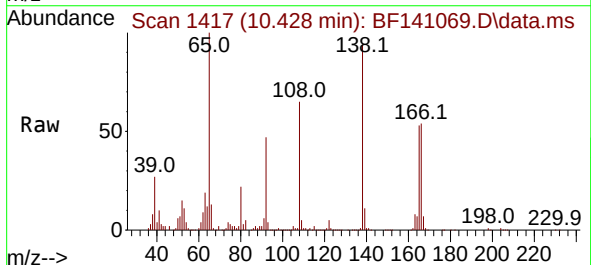
Instrument :
BNA_F
ClientSampleId :
341-349MSD

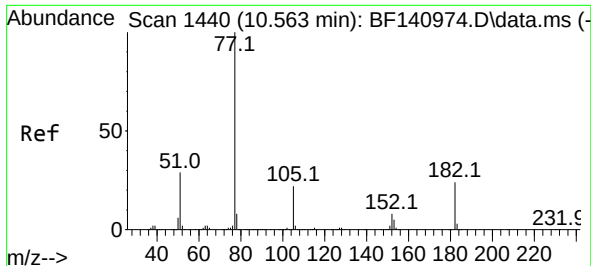
Tgt Ion:204 Resp: 726545
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 60.8 51.2 76.8



#62
4-Nitroaniline
Concen: 36.523 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:138 Resp: 294990
Ion Ratio Lower Upper
138 100
92 50.0 34.8 74.8
108 69.0 55.9 95.9

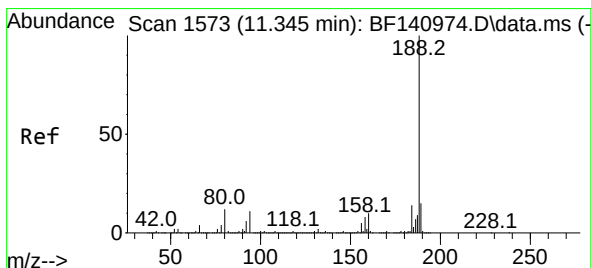
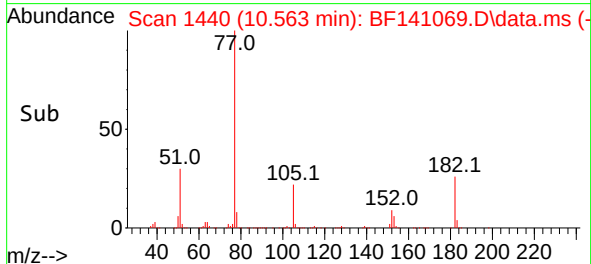
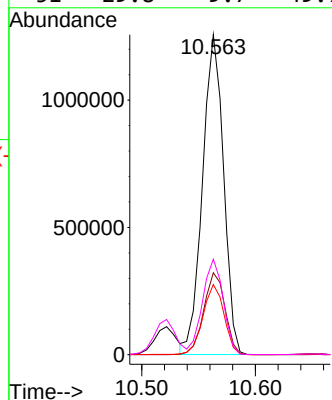
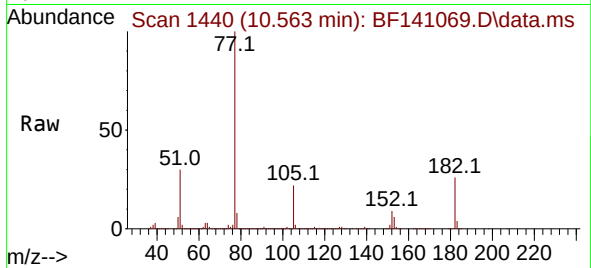




#63
Azobenzene
Concen: 41.784 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

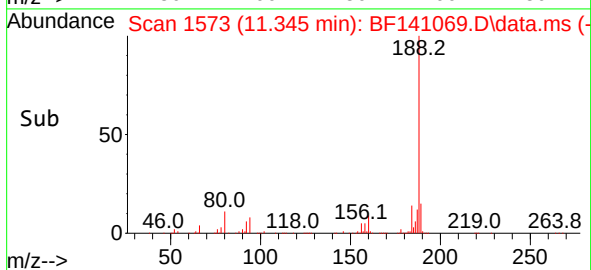
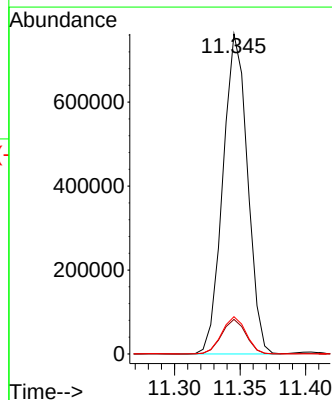
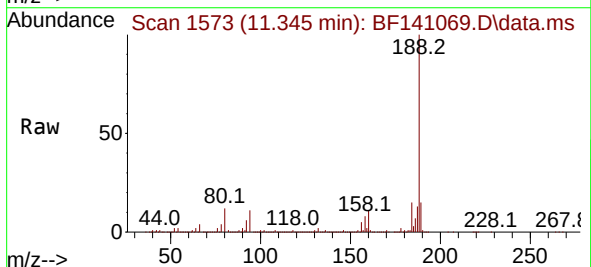
Instrument :
BNA_F
ClientSampleId :
341-349MSD

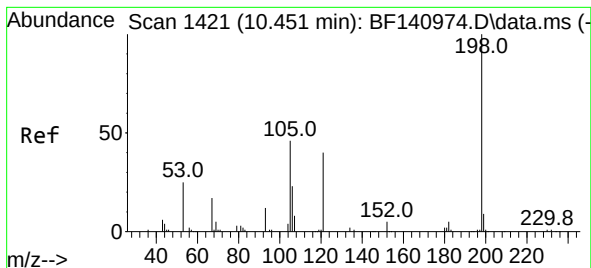
Tgt Ion: 77 Resp: 1616453
Ion Ratio Lower Upper
77 100
182 25.6 4.1 44.1
105 21.9 1.8 41.8
51 29.8 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion: 188 Resp: 995036
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.6 9.8 14.6

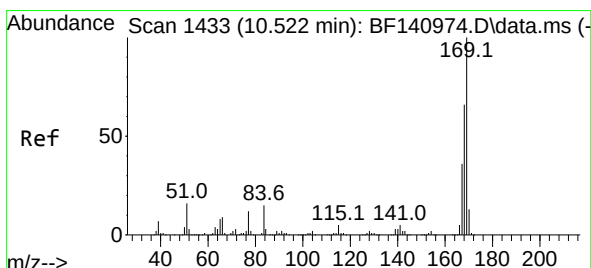
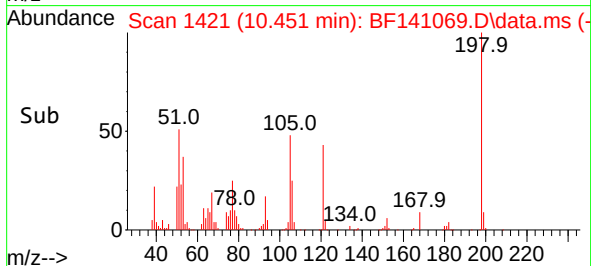
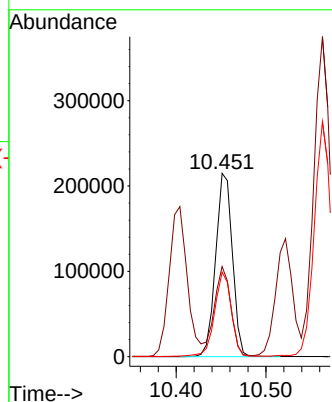
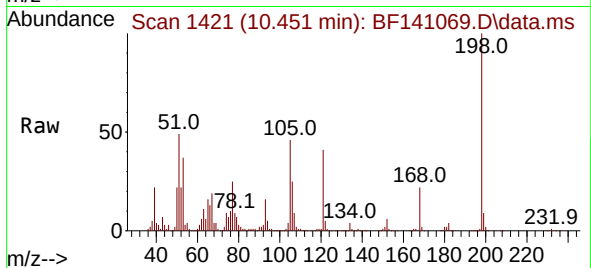




#65
4,6-Dinitro-2-methylphenol
Concen: 65.860 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

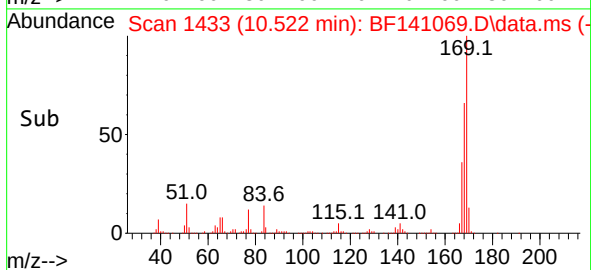
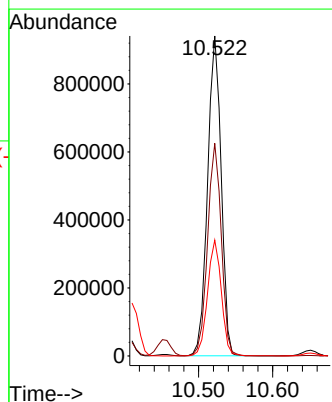
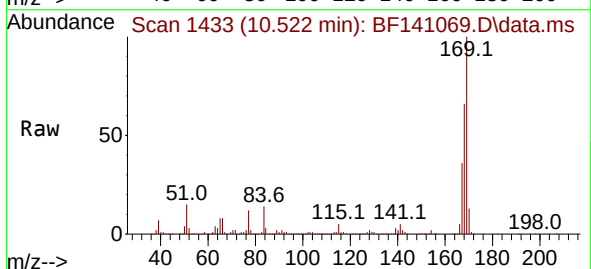
Instrument :
BNA_F
ClientSampleId :
341-349MSD

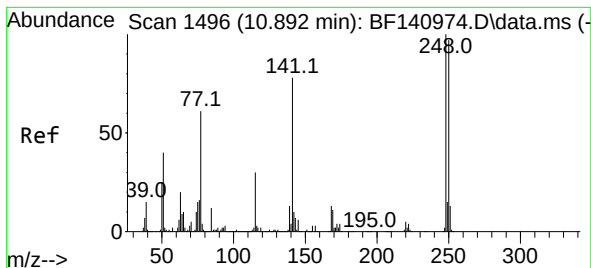
Tgt Ion:198 Resp: 278414
Ion Ratio Lower Upper
198 100
51 49.2 32.3 72.3
105 46.1 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 38.290 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:169 Resp: 1199750
Ion Ratio Lower Upper
169 100
168 66.5 52.6 79.0
167 36.2 29.0 43.4

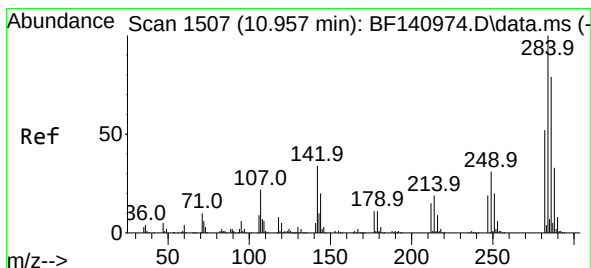
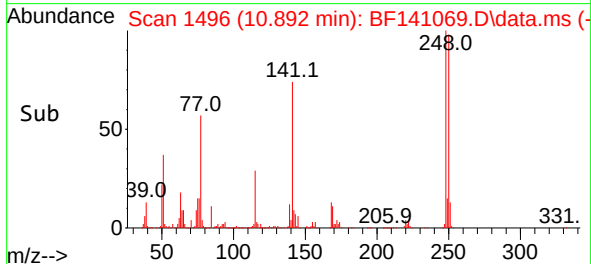
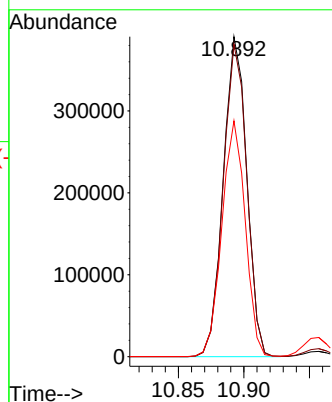
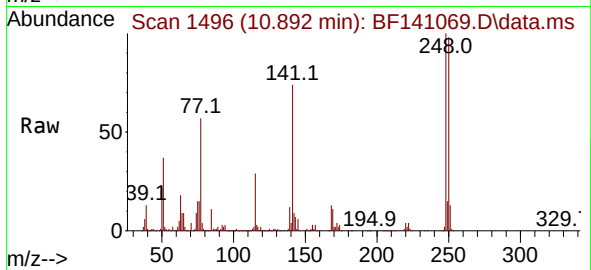




#67
4-Bromophenyl-phenylether
Concen: 45.327 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

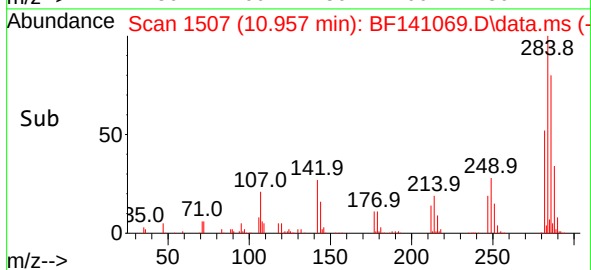
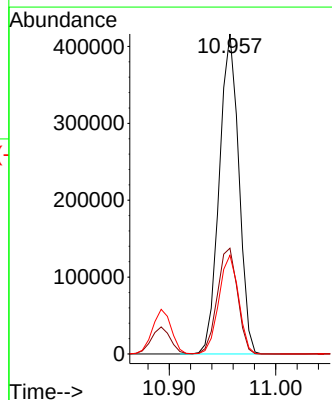
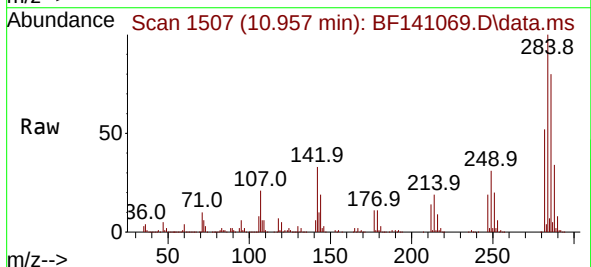
Instrument :
BNA_F
ClientSampleId :
341-349MSD

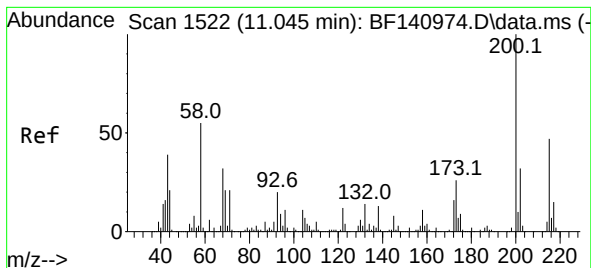
Tgt Ion:248 Resp: 487558
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 73.7 62.1 93.1



#68
Hexachlorobenzene
Concen: 44.629 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:284 Resp: 529329
Ion Ratio Lower Upper
284 100
142 33.0 27.1 40.7
249 30.8 25.1 37.7





#69

Atrazine

Concen: 31.982 ng

RT: 11.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

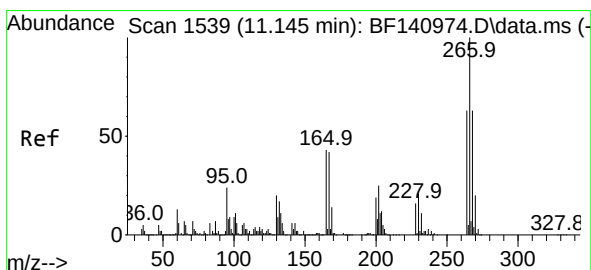
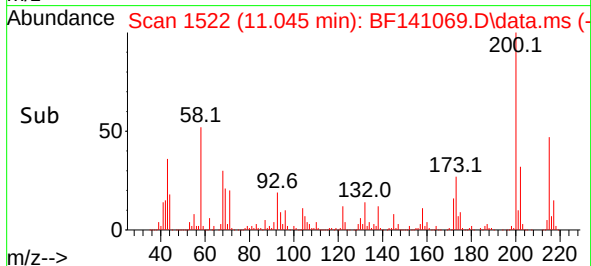
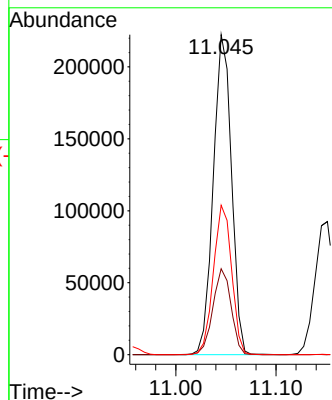
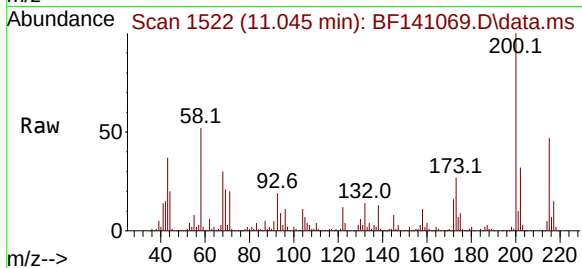
Tgt Ion:200 Resp: 279959

Ion Ratio Lower Upper

200 100

173 26.8 6.4 46.4

215 46.7 27.2 67.2



#70

Pentachlorophenol

Concen: 93.252 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

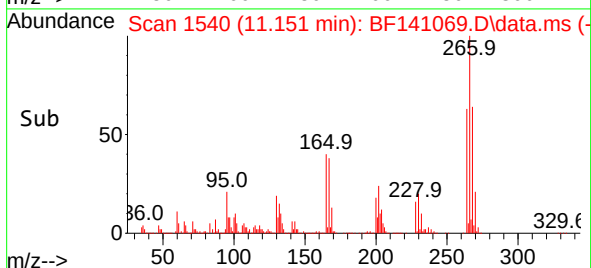
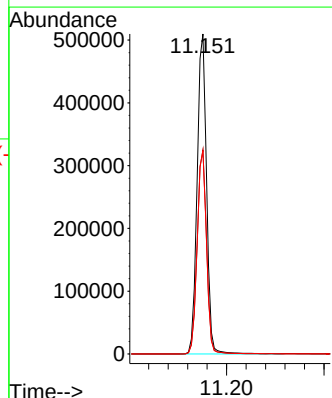
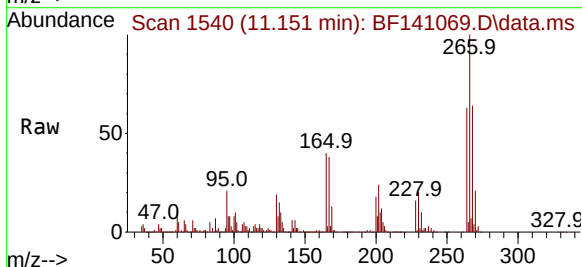
Tgt Ion:266 Resp: 688626

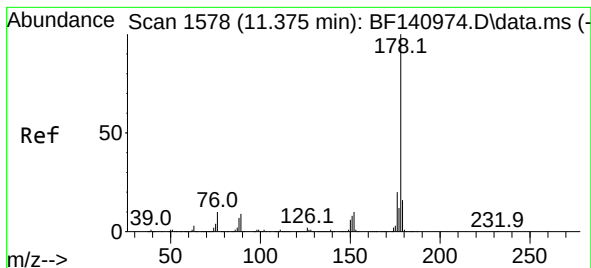
Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

264 63.5 50.2 75.4





#71

Phenanthrene

Concen: 43.419 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

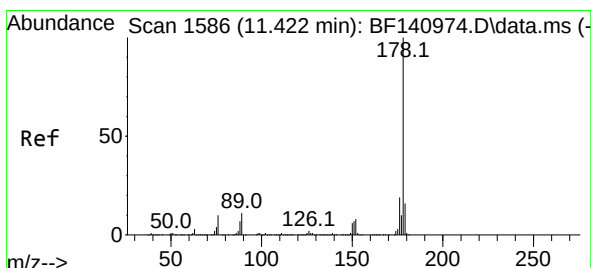
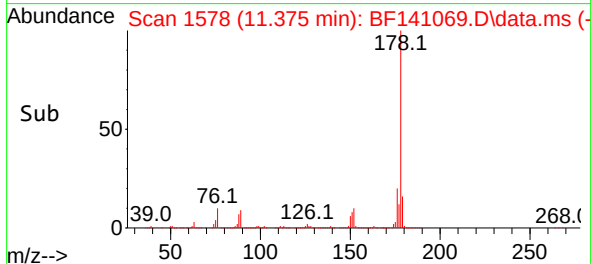
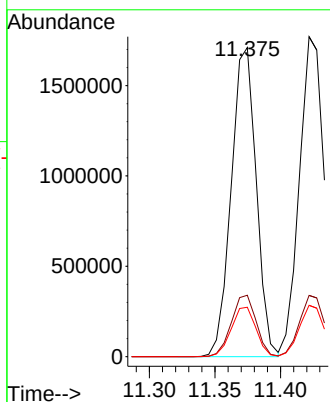
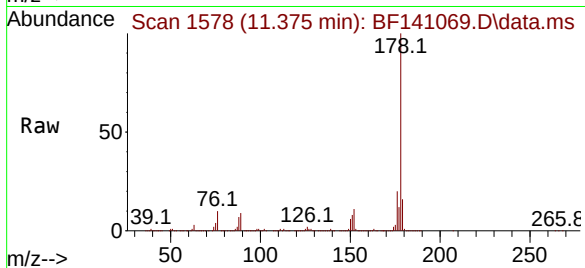
Tgt Ion:178 Resp: 2273864

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

179 16.0 12.6 19.0



#72

Anthracene

Concen: 45.114 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

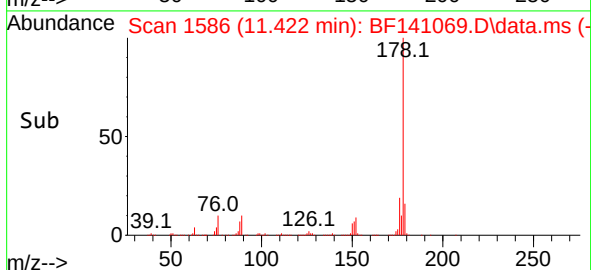
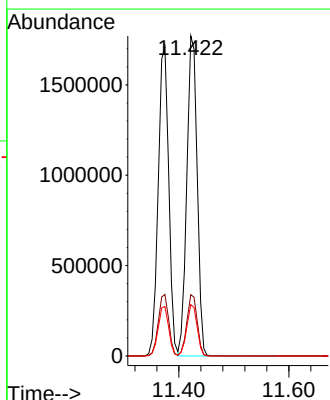
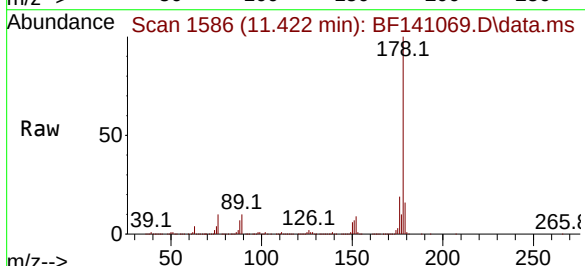
Tgt Ion:178 Resp: 2315063

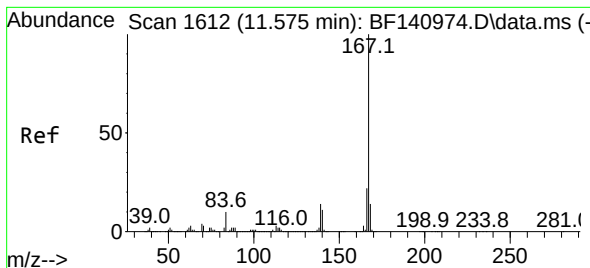
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 16.0 12.9 19.3





#73

Carbazole

Concen: 37.100 ng

RT: 11.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

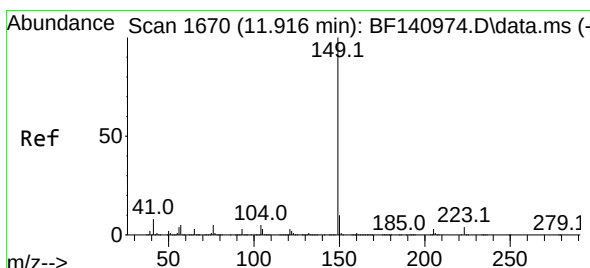
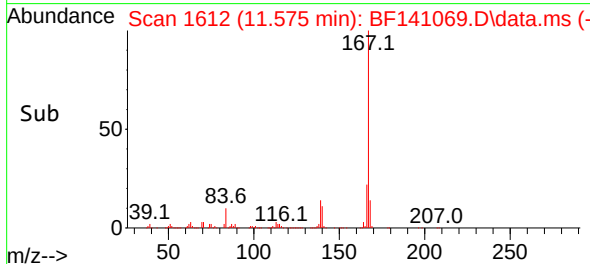
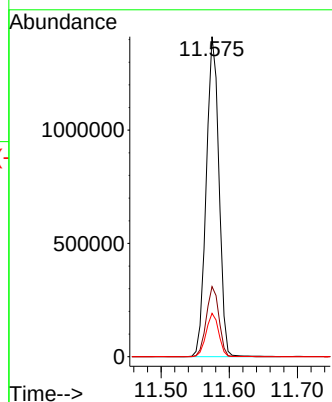
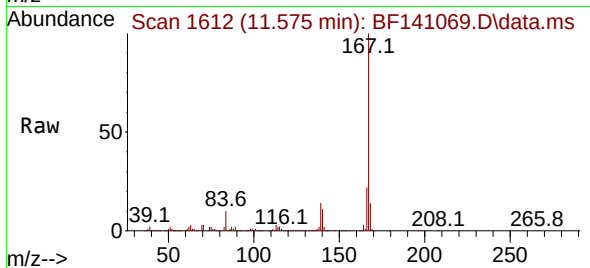
BNA_F

ClientSampleId :

341-349MSD

Tgt Ion:167 Resp: 1830184

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.6	11.0	16.4



#74

Di-n-butylphthalate

Concen: 44.909 ng

RT: 11.910 min Scan# 1669

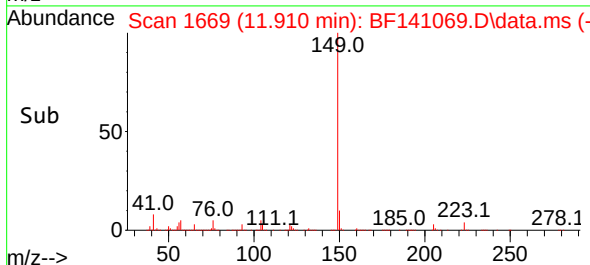
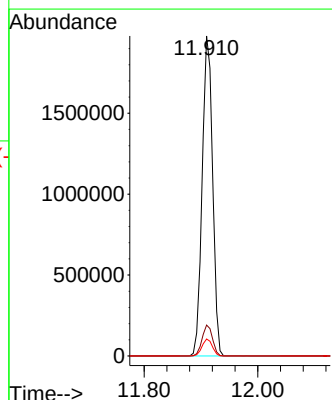
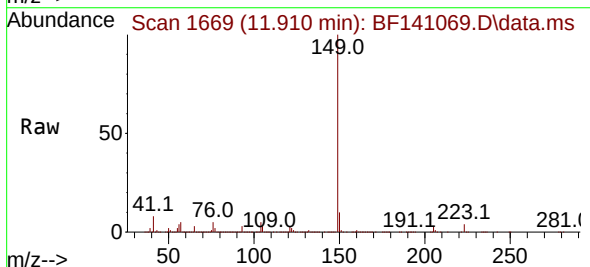
Delta R.T. -0.006 min

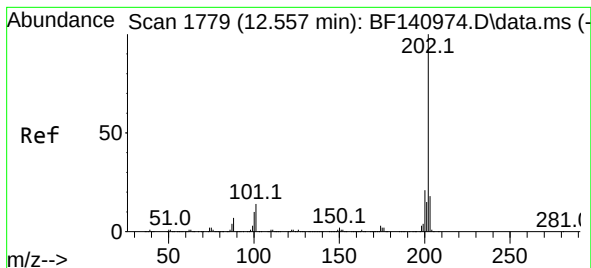
Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Tgt Ion:149 Resp: 2519807

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.3	4.1	6.1

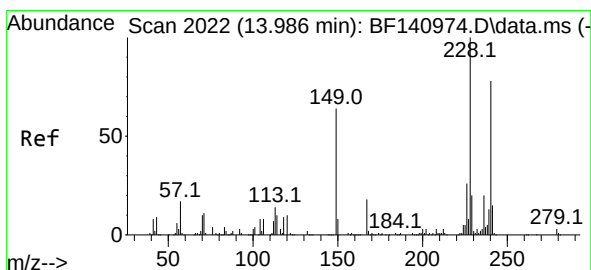
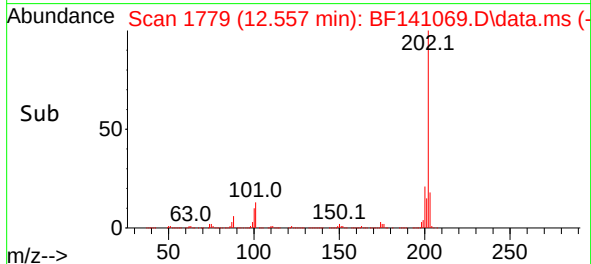
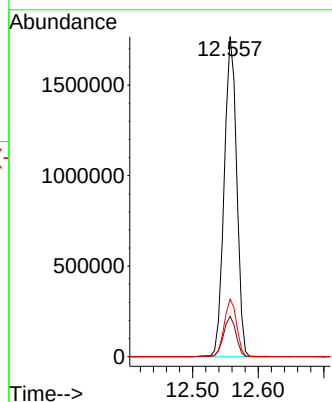
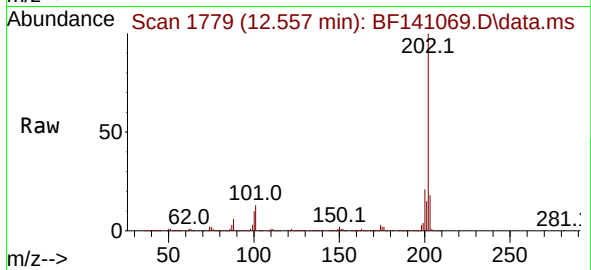




#75
Fluoranthene
Concen: 40.939 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

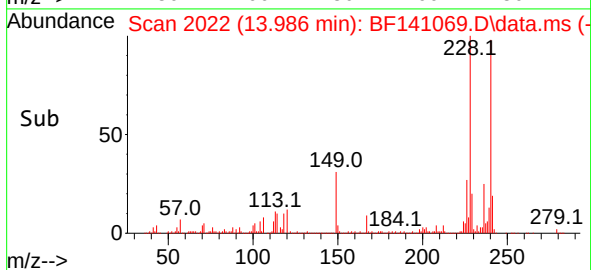
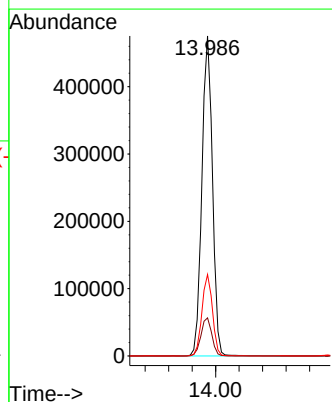
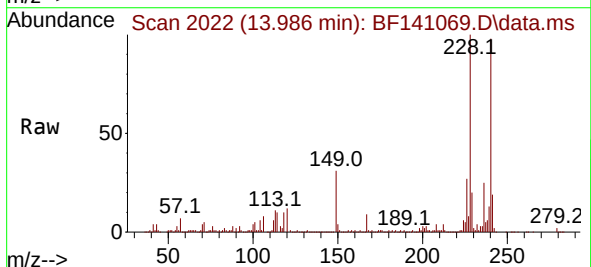
Instrument :
BNA_F
ClientSampleId :
341-349MSD

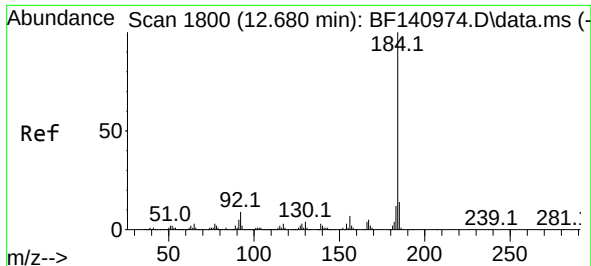
Tgt Ion:202 Resp: 2325238
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.7
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:240 Resp: 590322
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 25.4 20.6 31.0

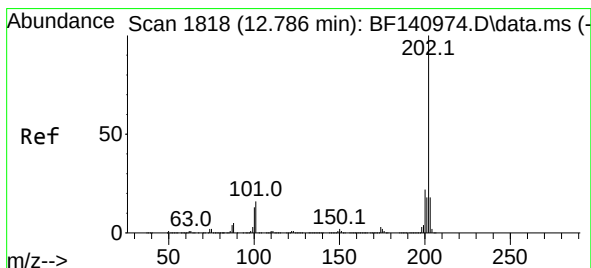
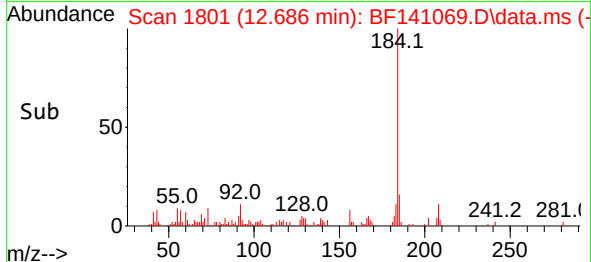
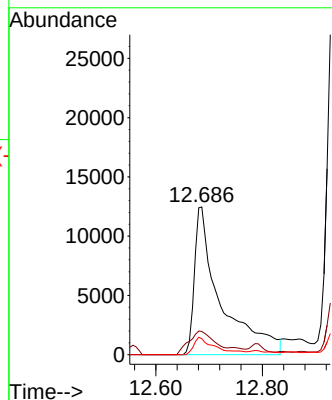
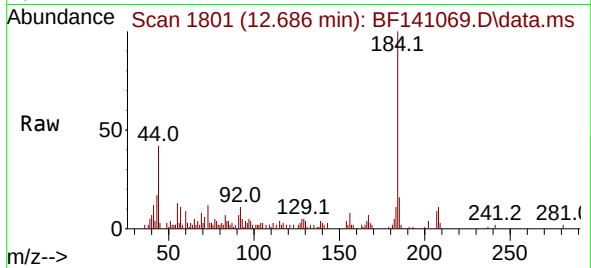




#77
Benzidine
Concen: 3.413 ng
RT: 12.686 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

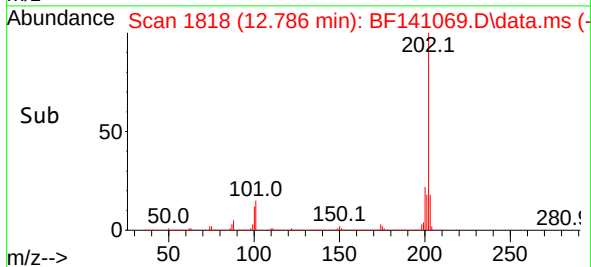
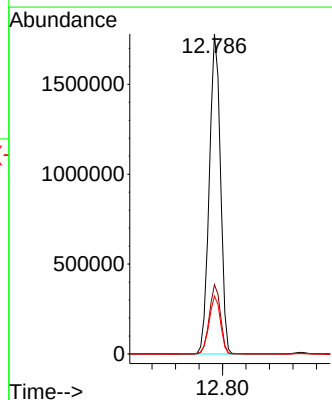
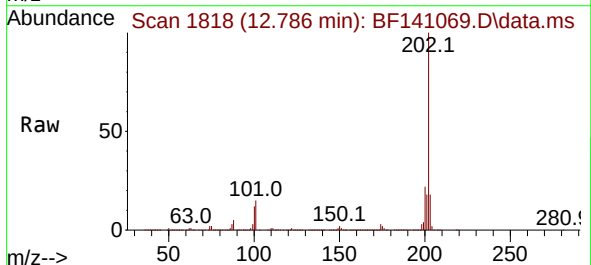
Instrument :
BNA_F
ClientSampleId :
341-349MSD

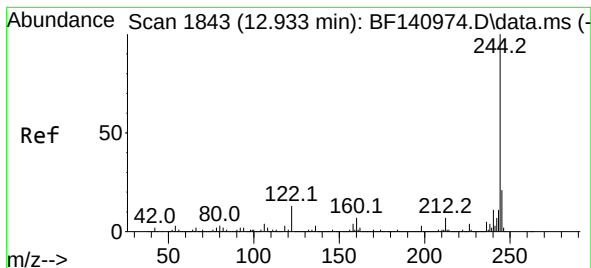
Tgt Ion:184 Resp: 42575
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 10.8 9.4 14.0



#78
Pyrene
Concen: 45.175 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:202 Resp: 2332307
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 95.694 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

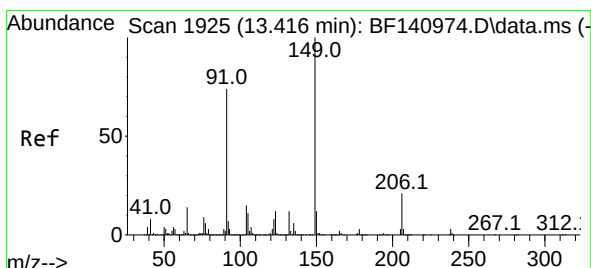
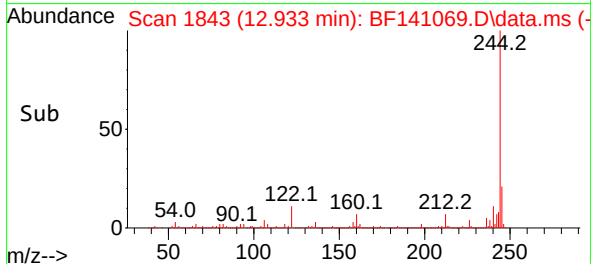
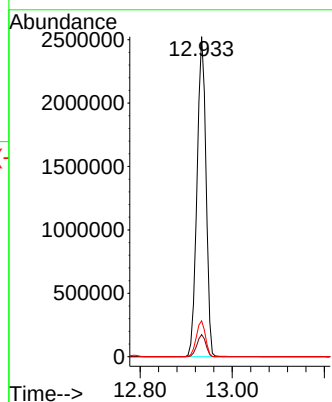
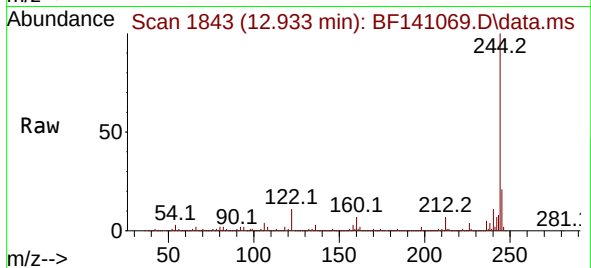
Tgt Ion:244 Resp: 3400977

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.2 10.2 15.2



#80

Butylbenzylphthalate

Concen: 50.049 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

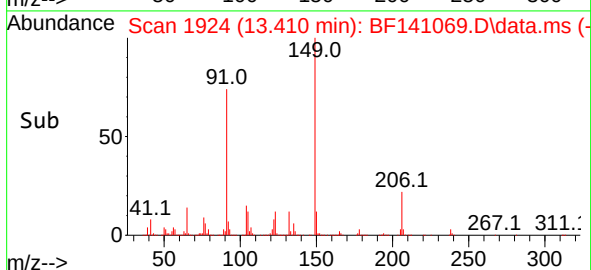
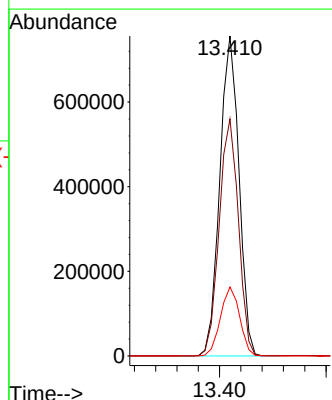
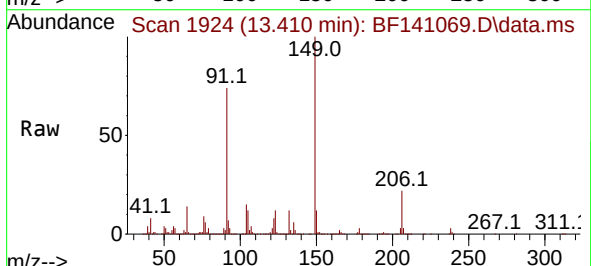
Tgt Ion:149 Resp: 943525

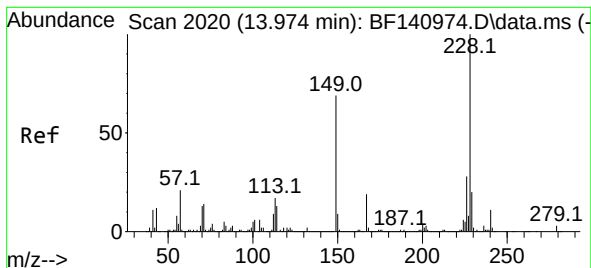
Ion Ratio Lower Upper

149 100

91 74.1 59.5 89.3

206 21.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 39.195 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

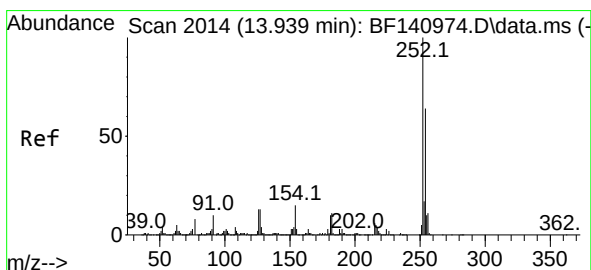
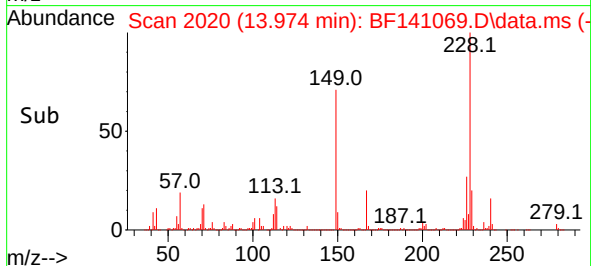
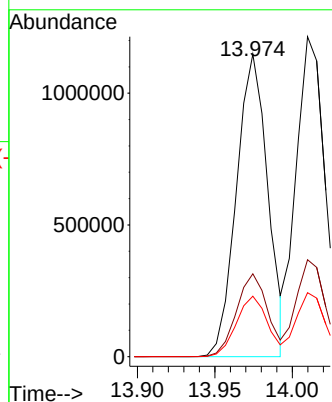
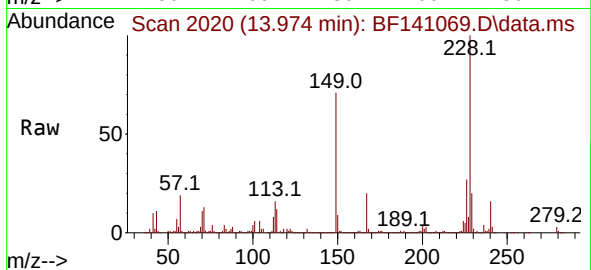
Tgt Ion:228 Resp: 1612546

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 4.238 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

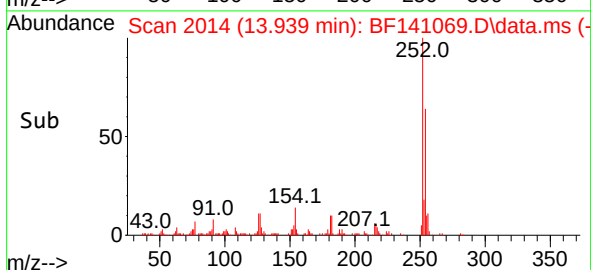
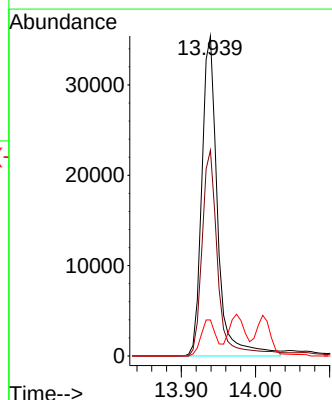
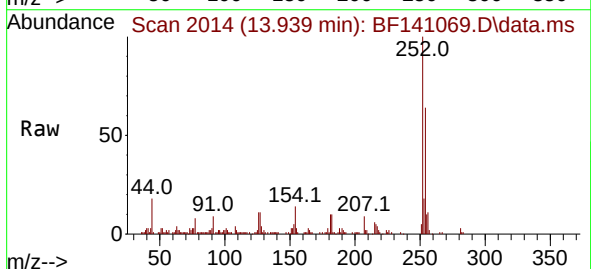
Tgt Ion:252 Resp: 52387

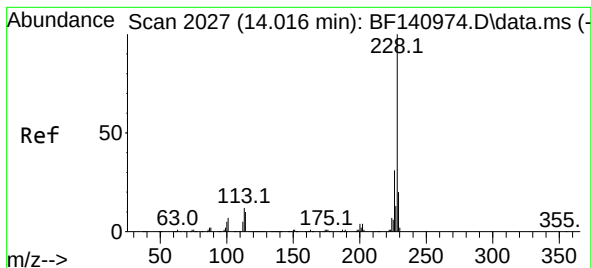
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 11.3 10.3 15.5





#83

Chrysene

Concen: 42.087 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

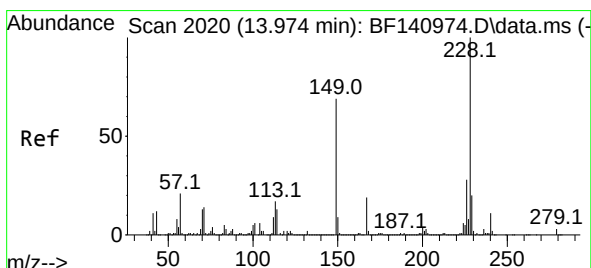
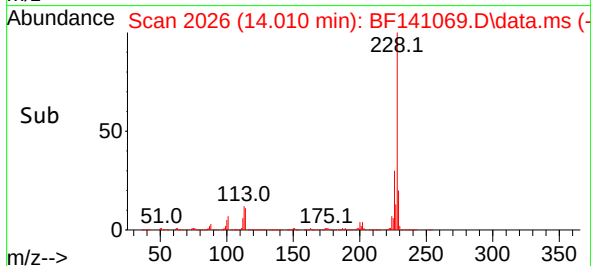
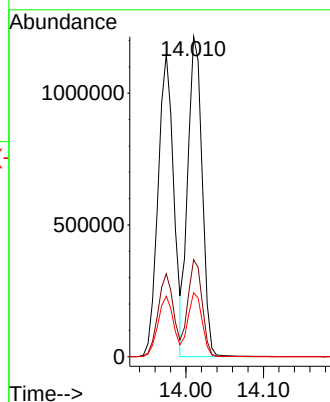
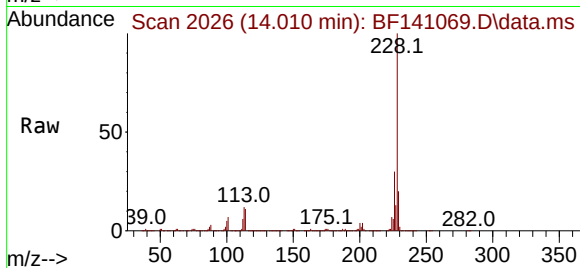
Tgt Ion:228 Resp: 1560921

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 20.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.553 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

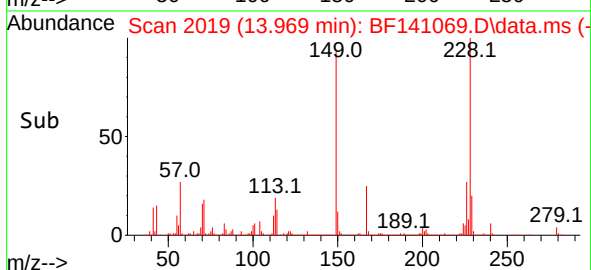
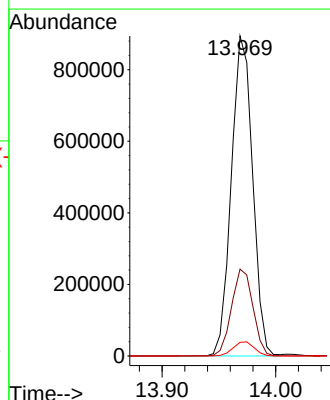
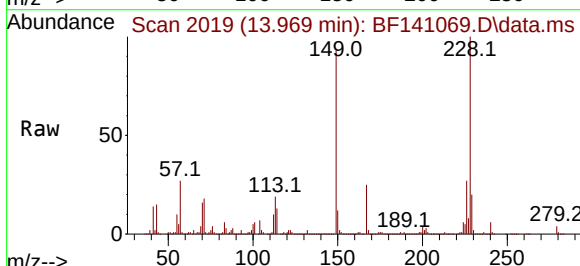
Tgt Ion:149 Resp: 1162869

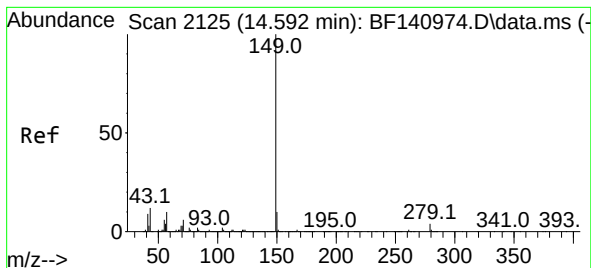
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 48.079 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

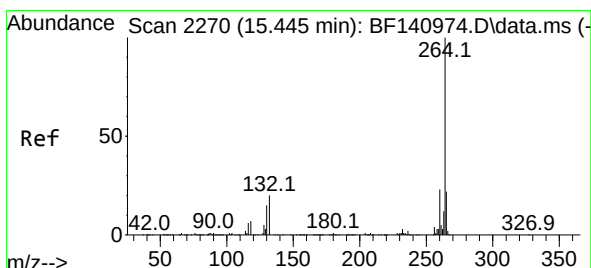
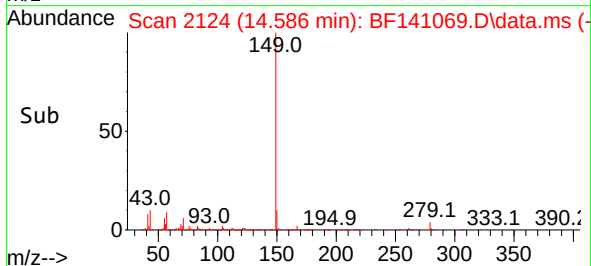
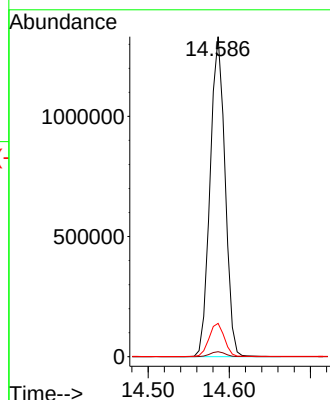
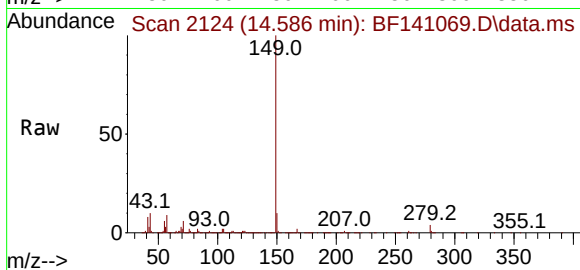
Tgt Ion:149 Resp: 1701683

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

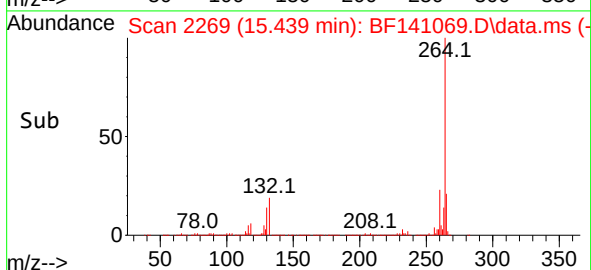
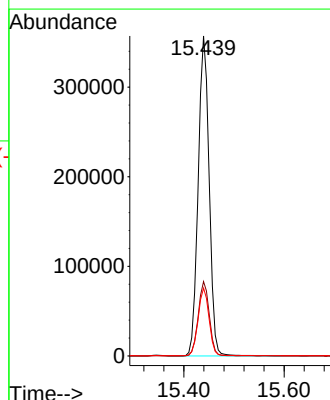
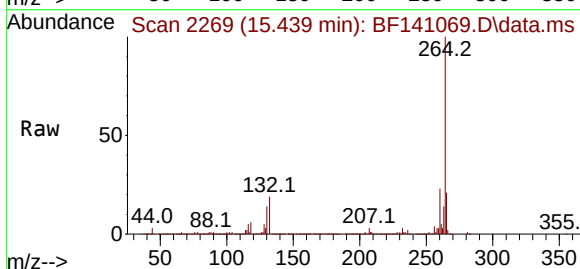
Tgt Ion:264 Resp: 540826

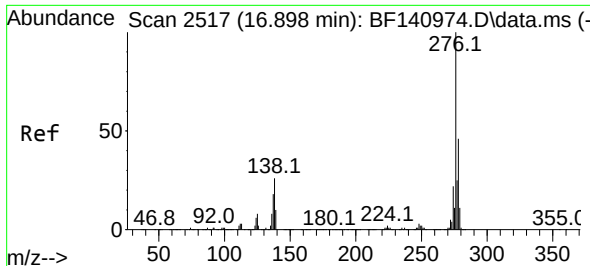
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.2 17.4 26.2

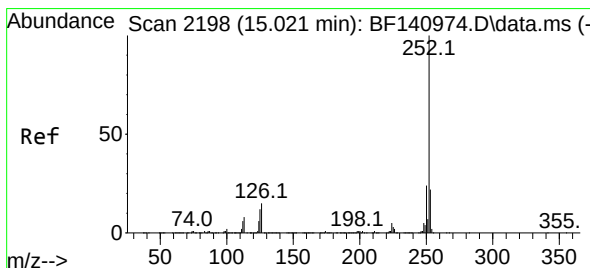
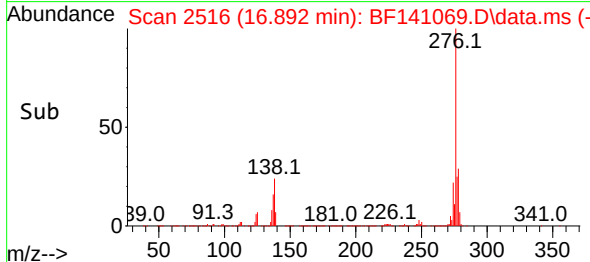
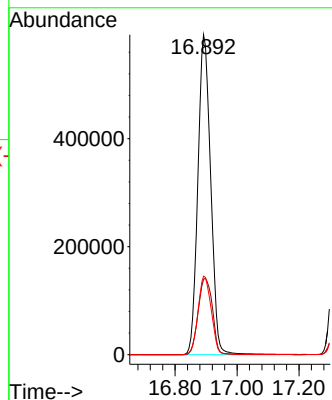
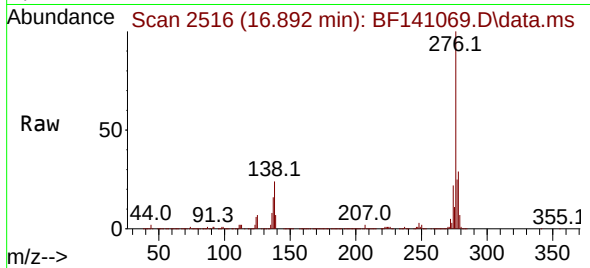




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.798 ng
 RT: 16.892 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF141069.D
 Acq: 03 Jan 2025 15:55

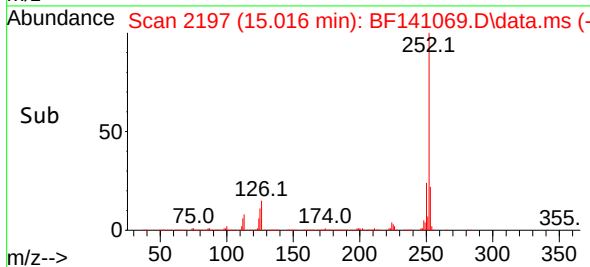
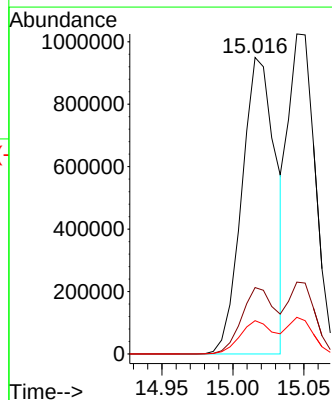
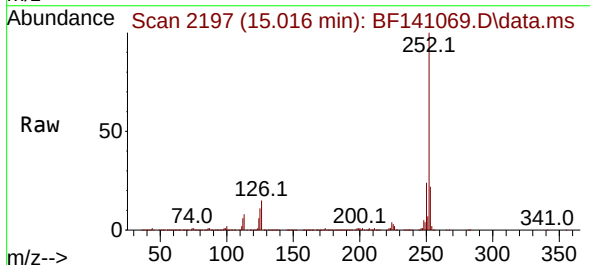
Instrument :
 BNA_F
 ClientSampleId :
 341-349MSD

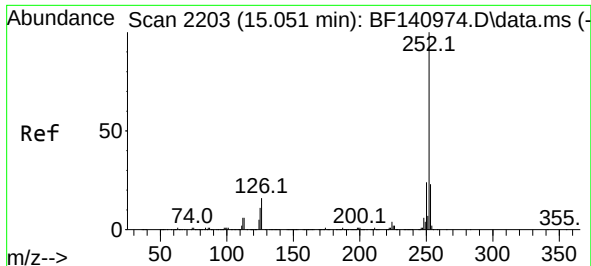
Tgt Ion:276 Resp: 1696794
 Ion Ratio Lower Upper
 276 100
 138 26.6 23.1 34.7
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 41.685 ng
 RT: 15.016 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF141069.D
 Acq: 03 Jan 2025 15:55

Tgt Ion:252 Resp: 1572325
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 11.2 9.3 13.9

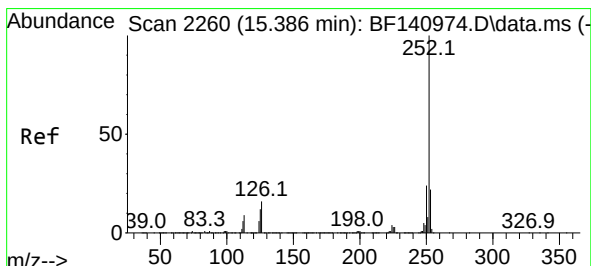
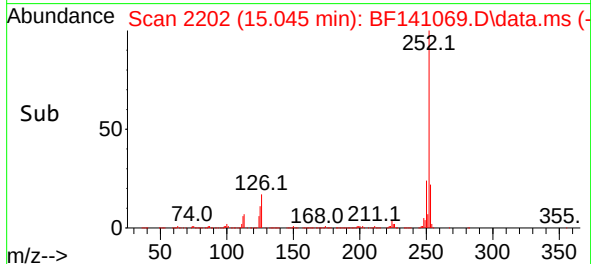
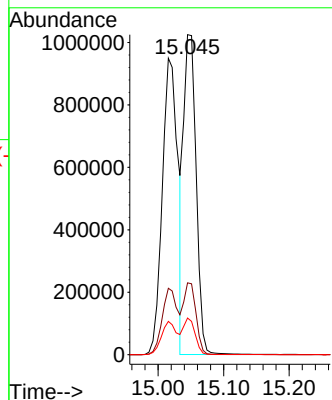
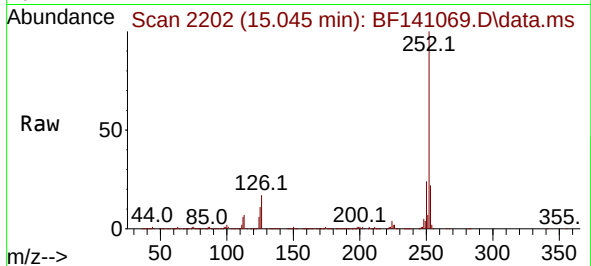




#89
Benzo(k)fluoranthene
Concen: 45.963 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

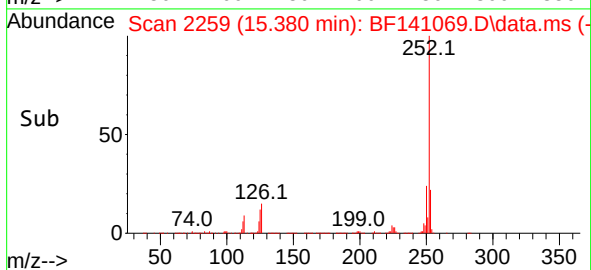
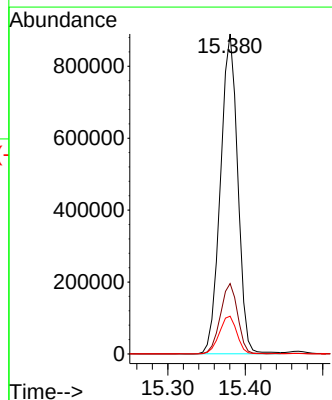
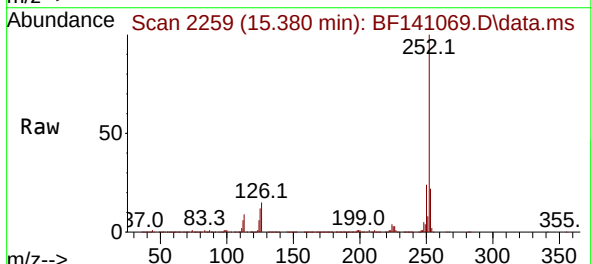
Instrument :
BNA_F
ClientSampleId :
341-349MSD

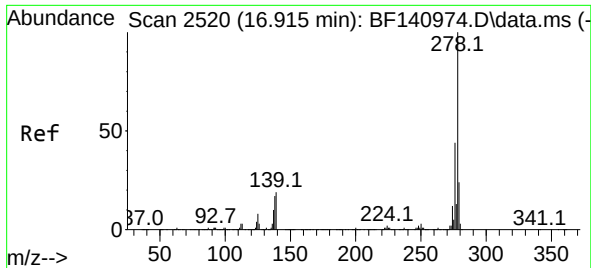
Tgt Ion:252 Resp: 1358809
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.5 9.4 14.0



#90
Benzo(a)pyrene
Concen: 47.091 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Tgt Ion:252 Resp: 1378688
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.8 9.8 14.8

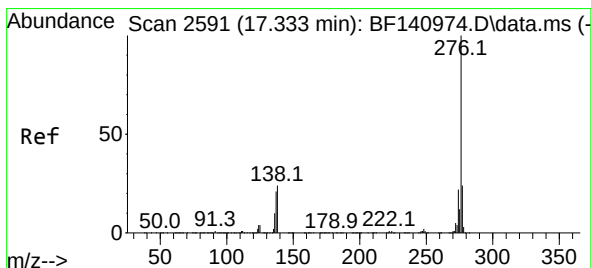
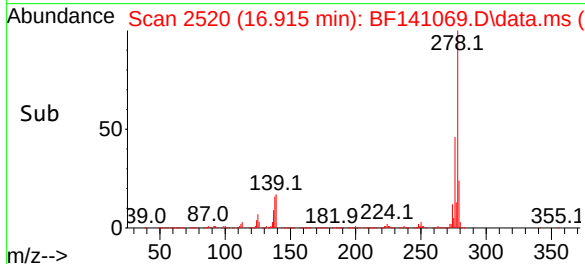
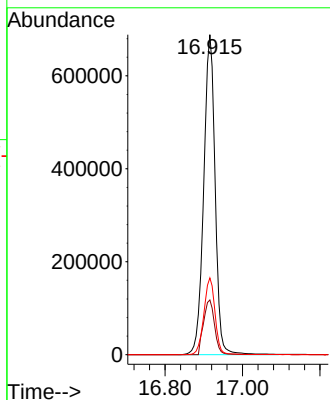
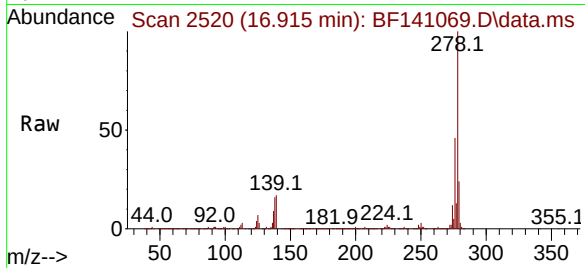




#91
 Dibenzo(a,h)anthracene
 Concen: 51.035 ng
 RT: 16.915 min Scan# 2520
 Delta R.T. 0.000 min
 Lab File: BF141069.D
 Acq: 03 Jan 2025 15:55

Instrument :
 BNA_F
 ClientSampleId :
 341-349MSD

Tgt Ion:278 Resp: 1409603
 Ion Ratio Lower Upper
 278 100
 139 17.1 14.9 22.3
 279 24.0 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 42.033 ng
 RT: 17.333 min Scan# 2591
 Delta R.T. 0.000 min
 Lab File: BF141069.D
 Acq: 03 Jan 2025 15:55

Tgt Ion:276 Resp: 1204111
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.4
 138 22.6 19.4 29.2

