

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
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	201772m	41.147	ng	
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
44) 2,4,5-Trichlorophenol	9.140	196	479961	45.137	ng	97

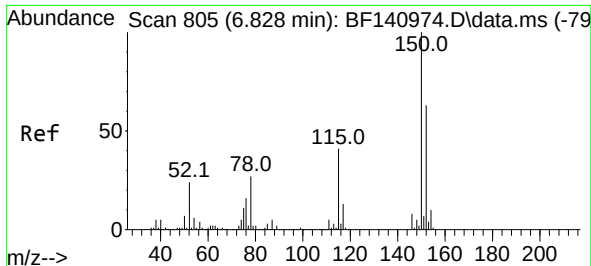
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

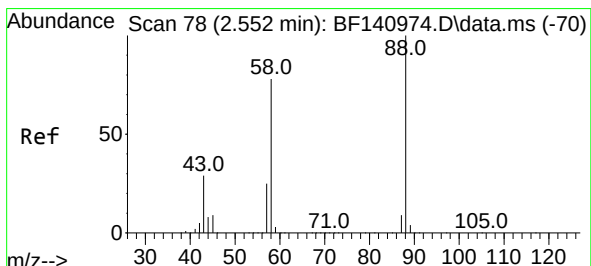
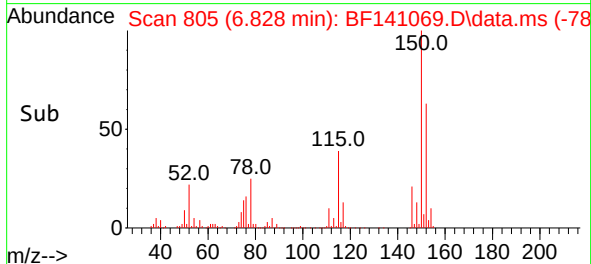
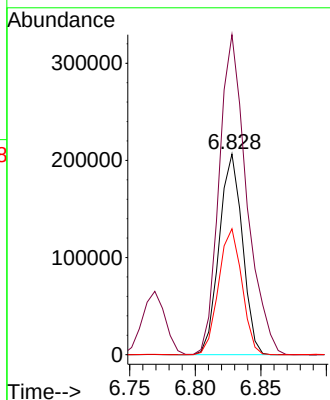
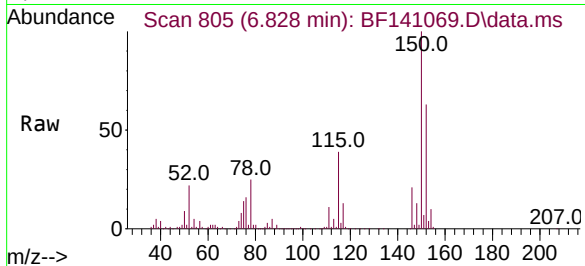
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

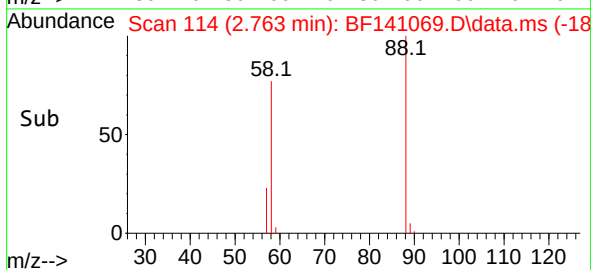
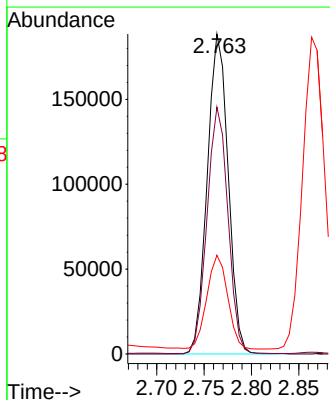
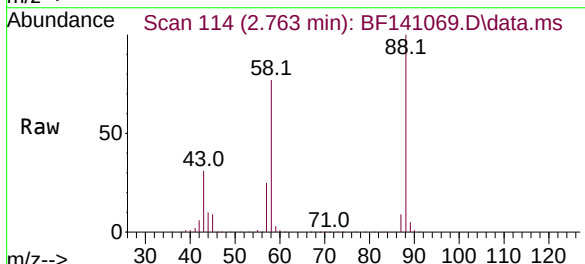
Instrument :
BNA_F
ClientSampleId :
341-349MSD

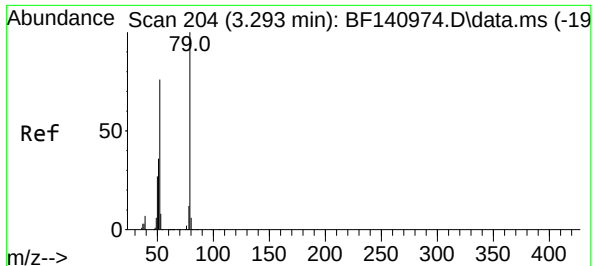
Tgt Ion:152 Resp: 254252
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 62.8 51.7 77.5



#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

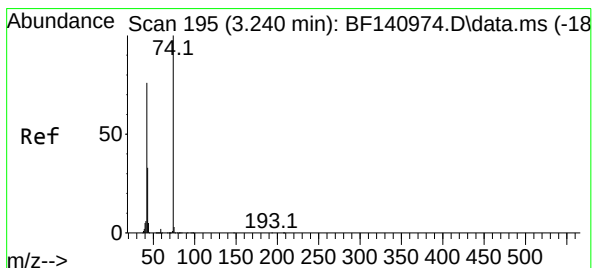
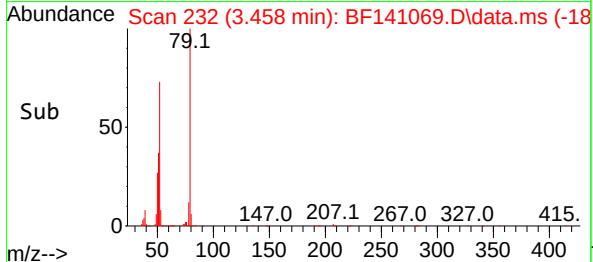
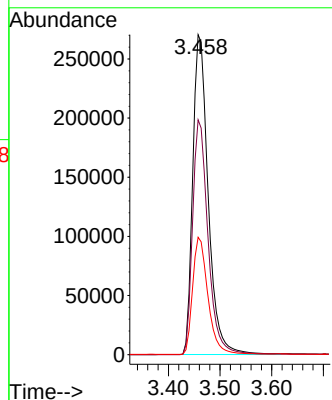
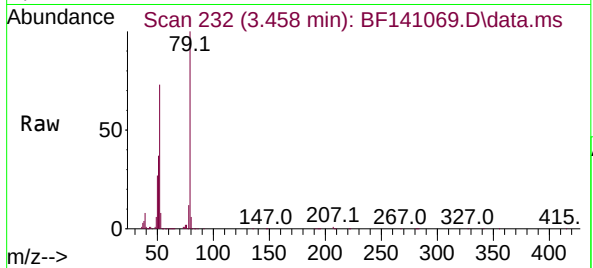




#3
Pyridine
Concen: 30.103 ng
RT: 3.458 min Scan# 21
Delta R.T. 0.165 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

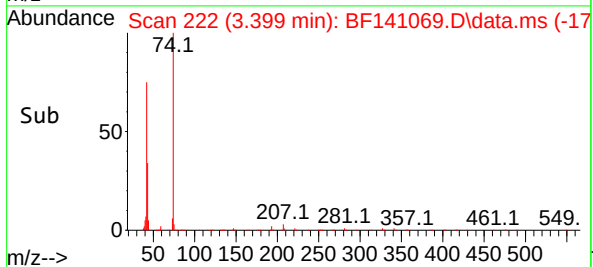
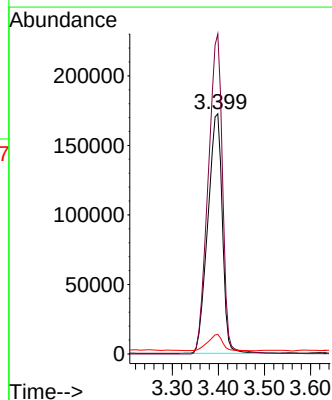
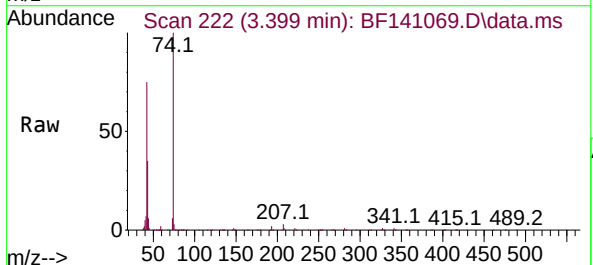
Instrument :
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ClientSampleId :
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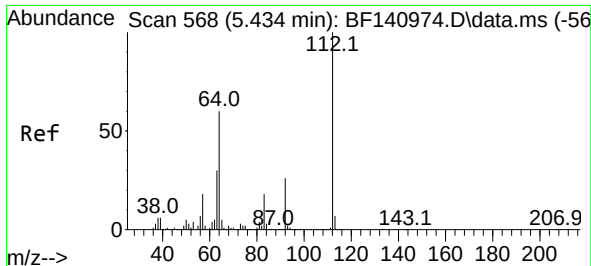
Tgt Ion: 79 Resp: 561779
Ion Ratio Lower Upper
79 100
52 73.4 60.4 90.6
51 36.7 28.8 43.2



#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

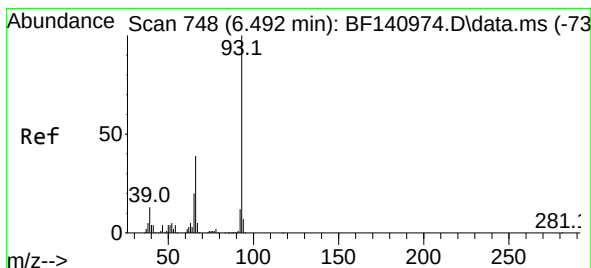
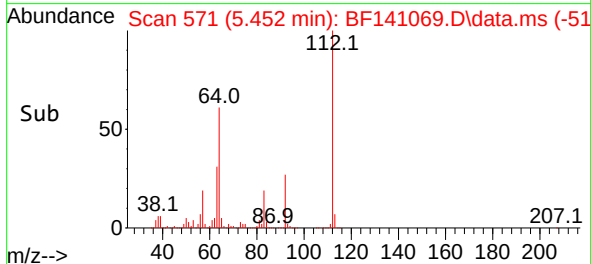
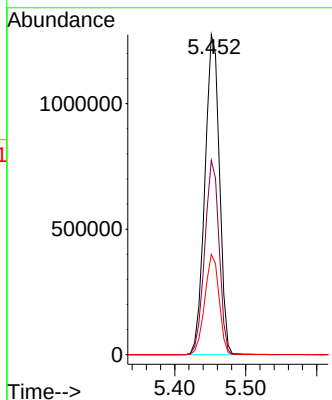
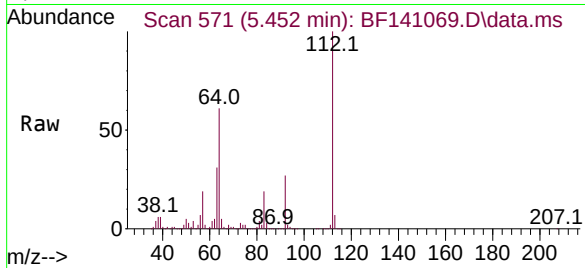




#5
2-Fluorophenol
Concen: 108.014 ng
RT: 5.452 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

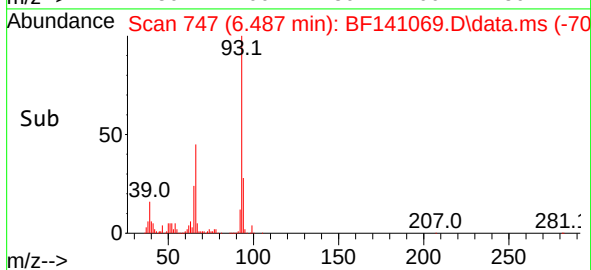
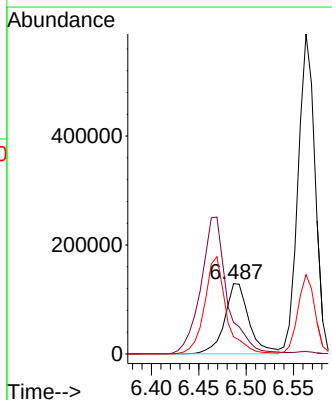
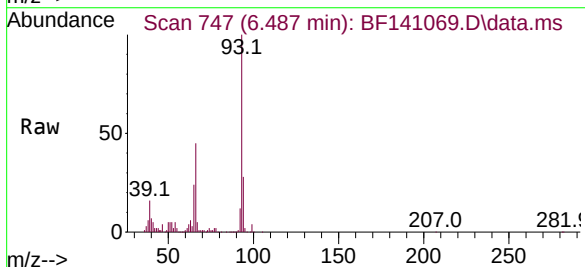
Instrument :
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ClientSampleId :
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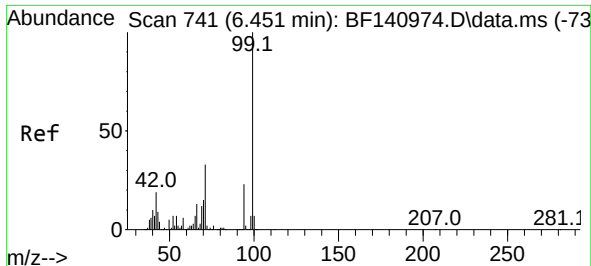
Tgt Ion:112 Resp: 1821888
Ion Ratio Lower Upper
112 100
64 60.7 47.7 71.5
63 31.3 24.2 36.2



#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

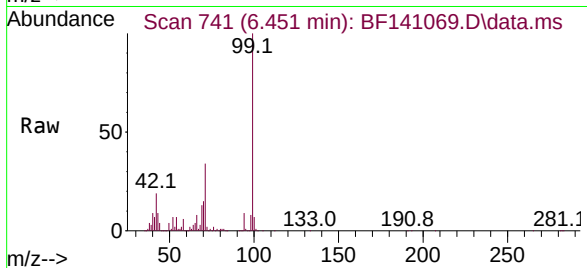
Tgt Ion: 93 Resp: 231006
Ion Ratio Lower Upper
93 100
66 44.9 31.8 47.8
65 24.4 15.4 23.0#





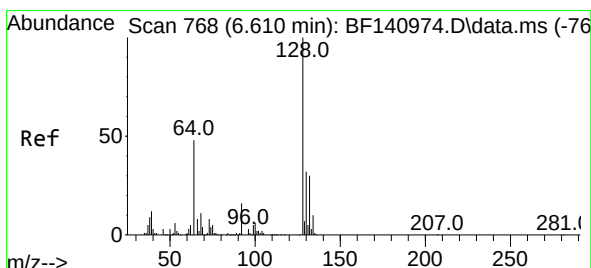
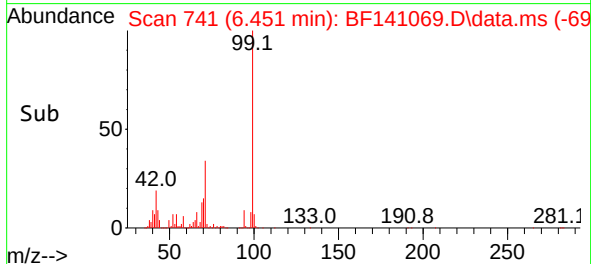
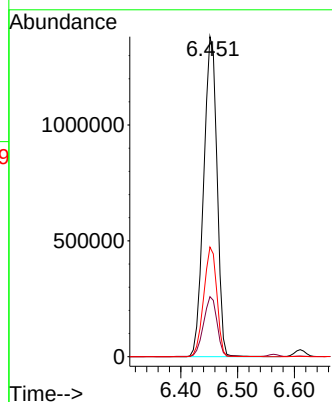
#7
Phenol-d6
Concen: 103.312 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 2244821

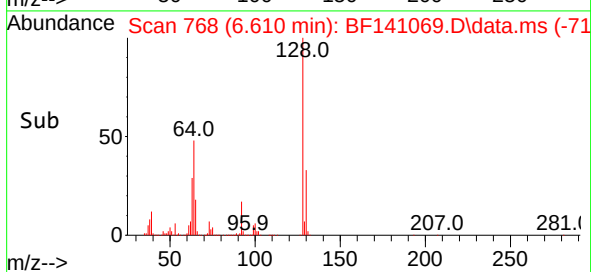
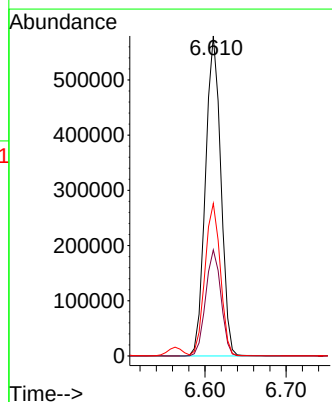
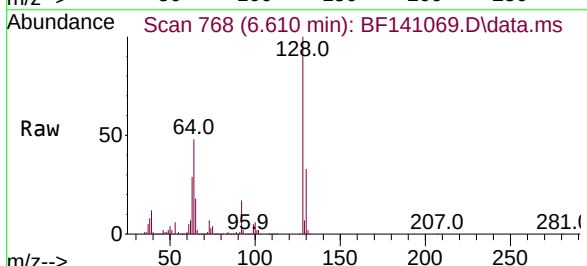
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	34.2	26.2	39.2

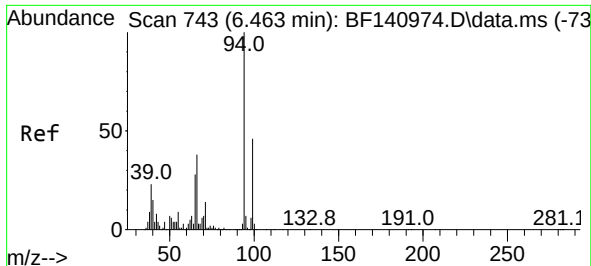


#8
2-Chlorophenol
Concen: 42.879 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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

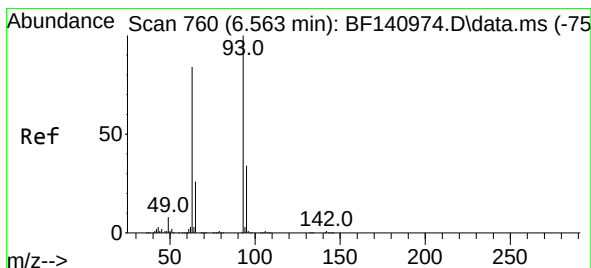
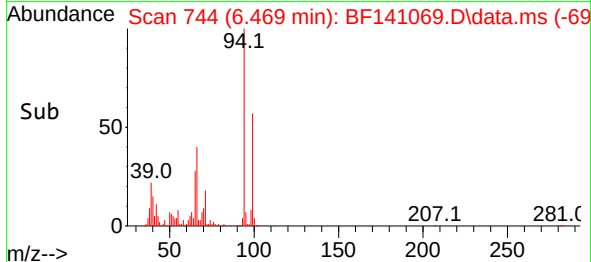
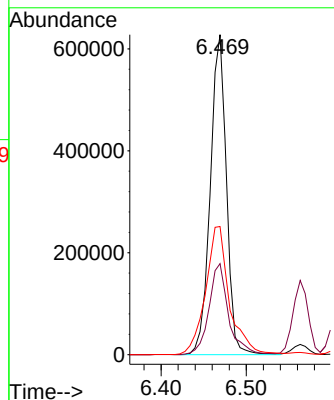
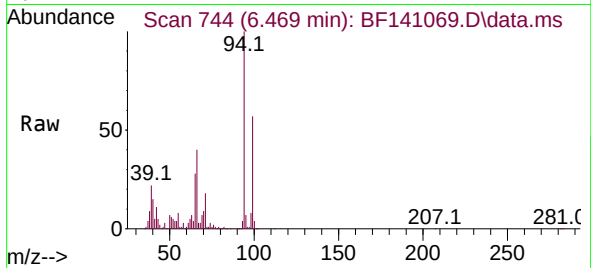




#10
Phenol
Concen: 36.807 ng
RT: 6.469 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

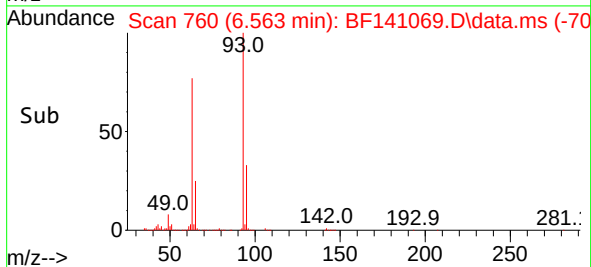
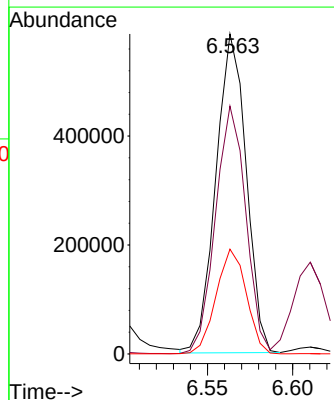
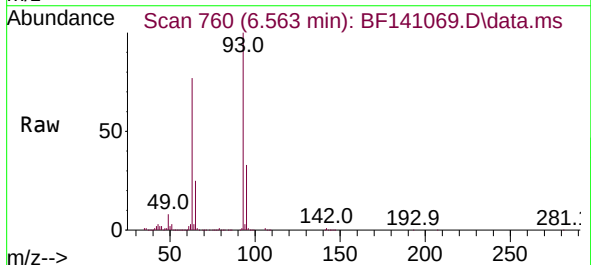
Instrument :
BNA_F
ClientSampleId :
341-349MSD

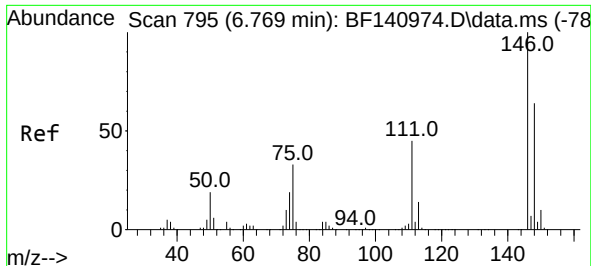
Tgt Ion: 94 Resp: 826981
Ion Ratio Lower Upper
94 100
65 28.5 8.1 48.1
66 40.0 18.7 58.7



#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

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

Instrument :

BNA_F

ClientSampleId :

341-349MSD

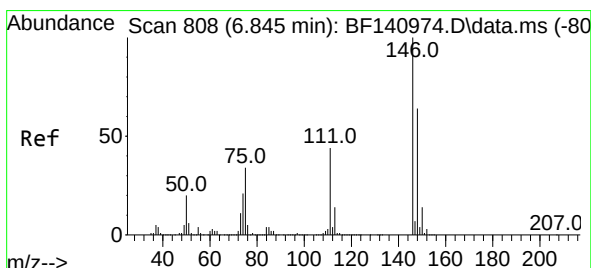
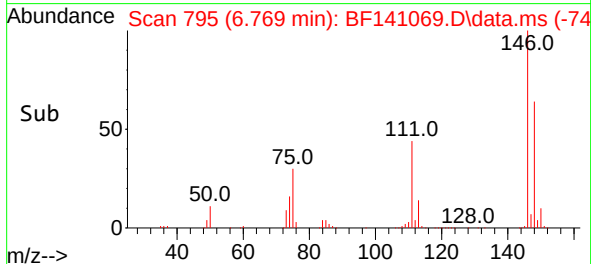
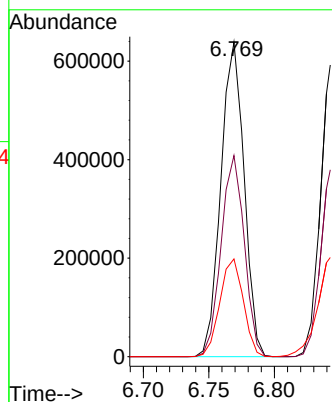
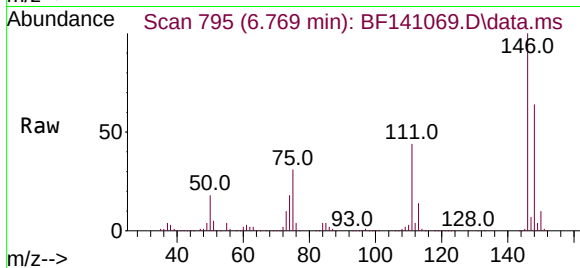
Tgt Ion:146 Resp: 786236

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

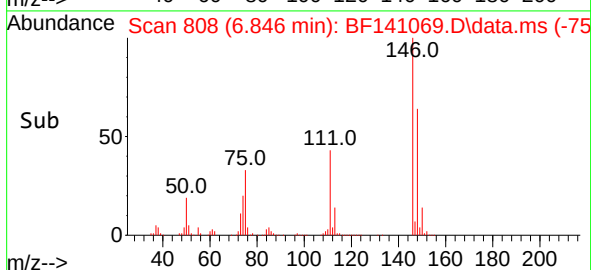
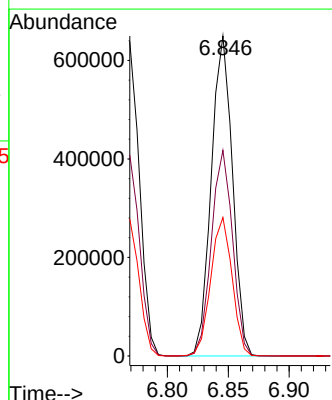
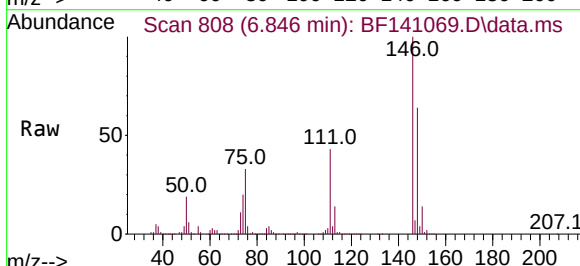
Tgt Ion:146 Resp: 787322

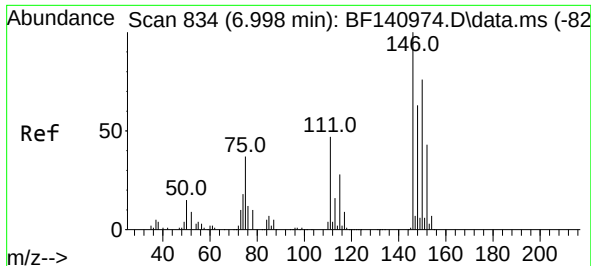
Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

111 43.3 35.3 52.9

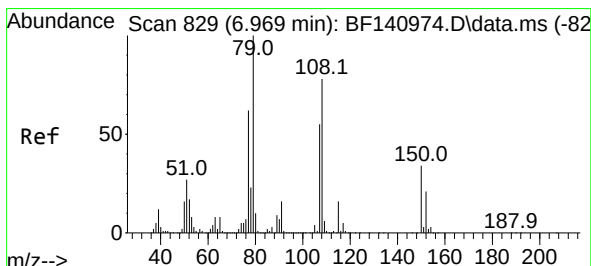
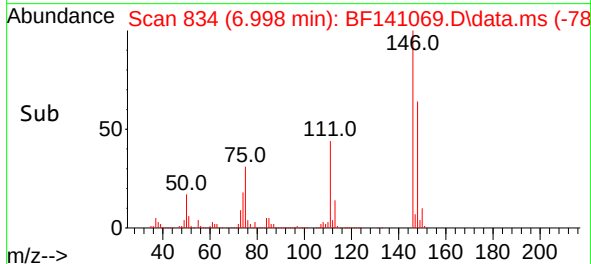
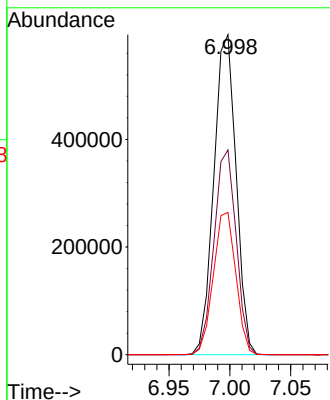
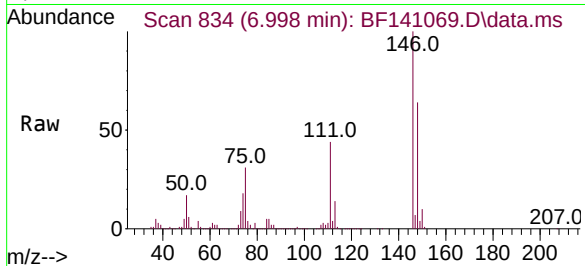




#14
1,2-Dichlorobenzene
Concen: 41.087 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

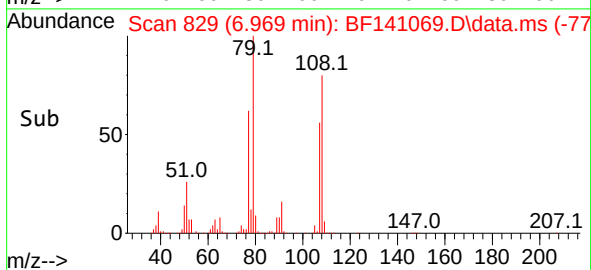
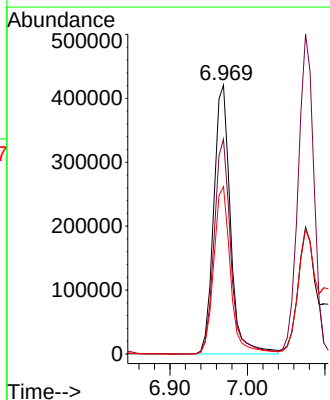
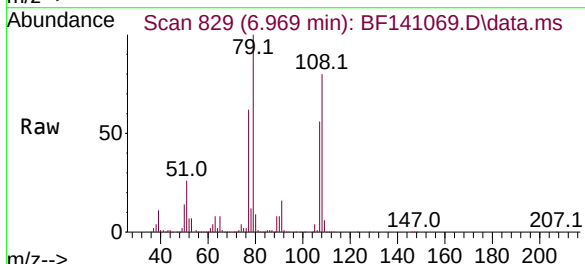
Instrument :
BNA_F
ClientSampleId :
341-349MSD

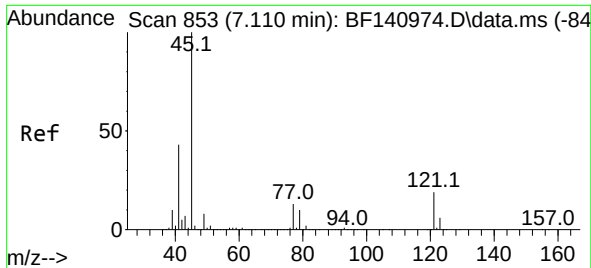
Tgt Ion:146 Resp: 757908
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 44.5 37.3 55.9



#15
Benzyl Alcohol
Concen: 40.322 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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

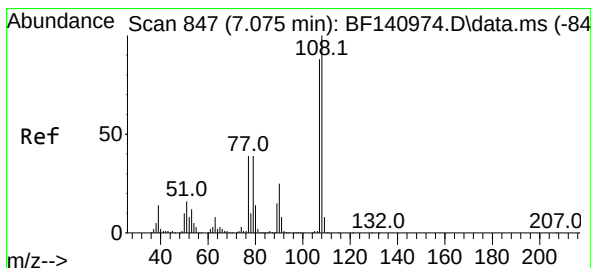
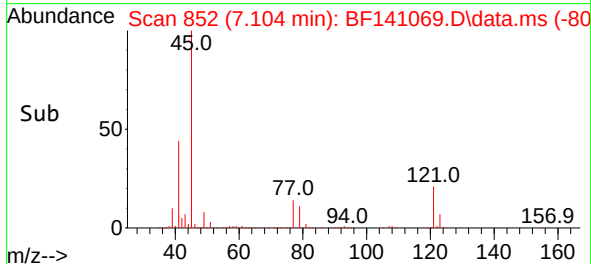
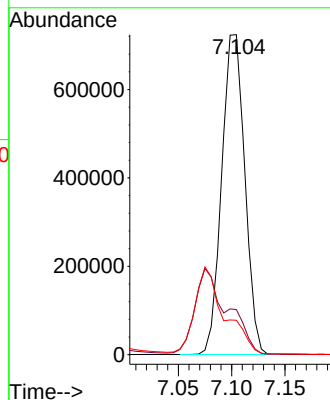
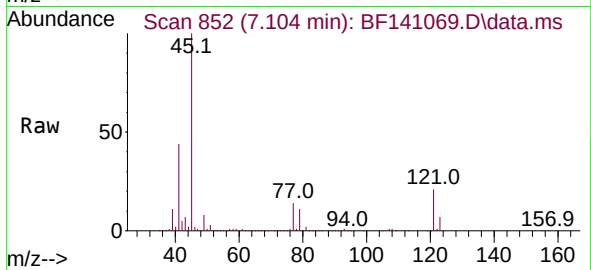




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.763 ng
RT: 7.104 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

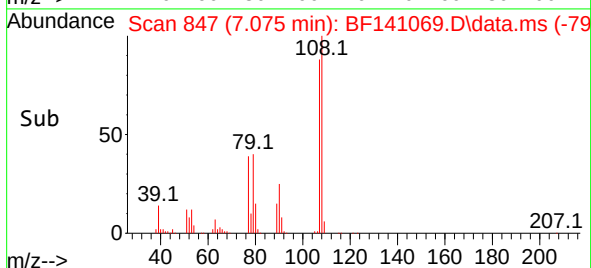
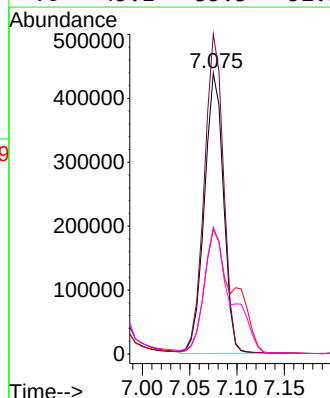
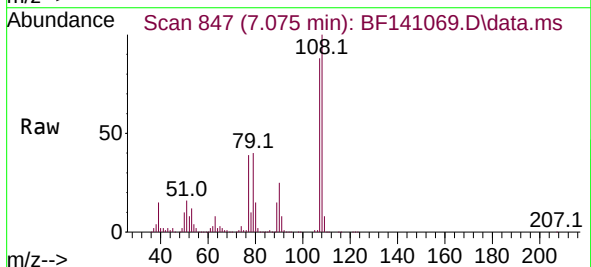
Instrument :
BNA_F
ClientSampleId :
341-349MSD

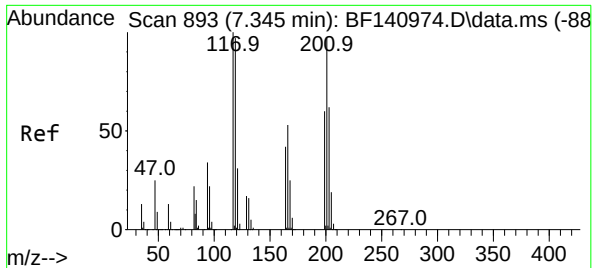
Tgt Ion: 45 Resp: 1090892
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.1
79 10.8 0.0 30.1



#17
2-Methylphenol
Concen: 41.676 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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

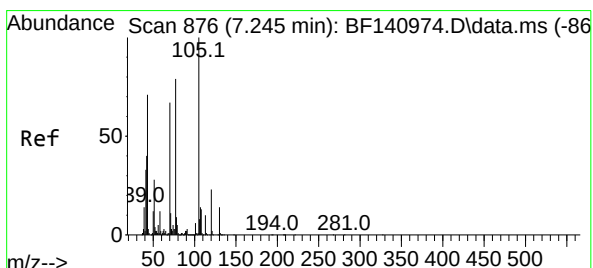
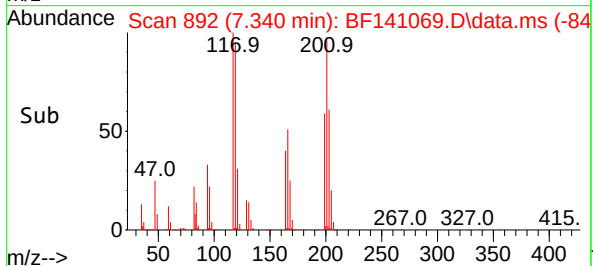
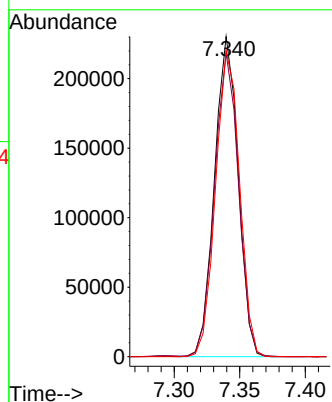
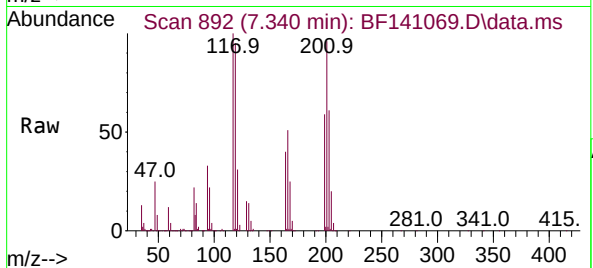




#18
Hexachloroethane
Concen: 41.141 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

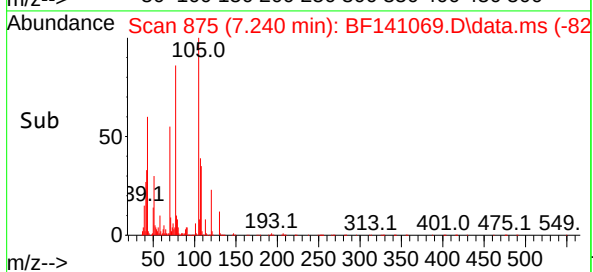
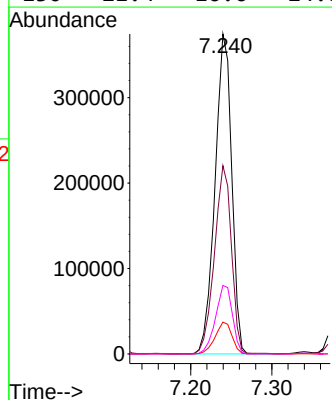
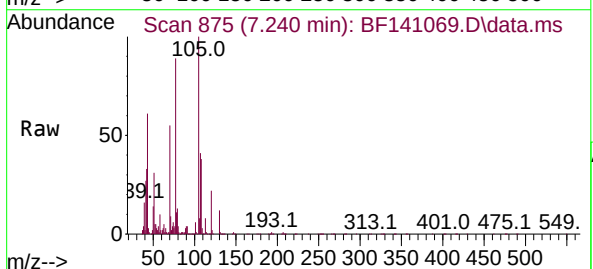
Instrument :
BNA_F
ClientSampleId :
341-349MSD

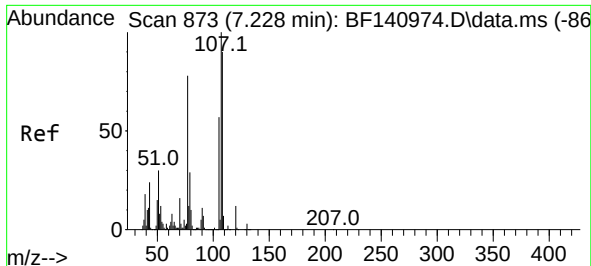
Tgt Ion:117 Resp: 289142
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
201 95.6 77.4 116.2



#19
n-Nitroso-di-n-propylamine
Concen: 40.209 ng
RT: 7.240 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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

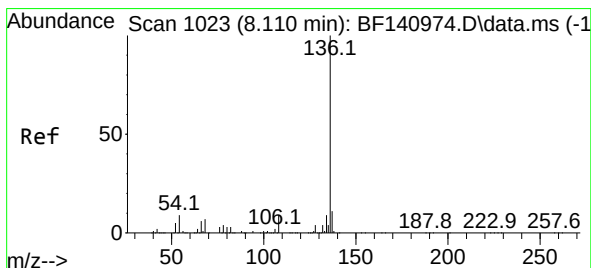
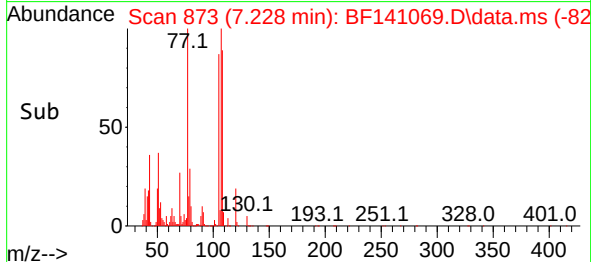
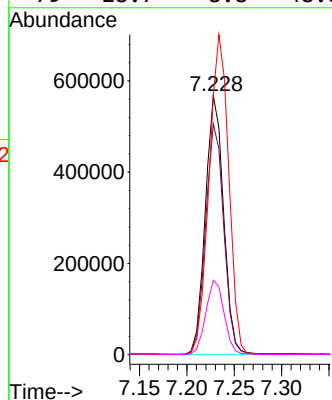
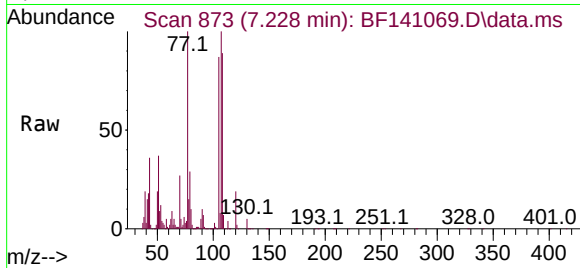




#20
3+4-Methylphenols
Concen: 40.409 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

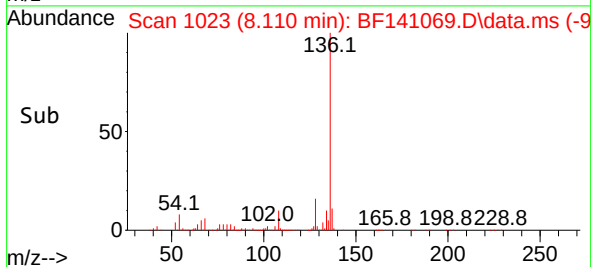
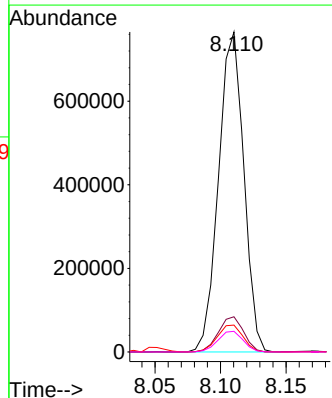
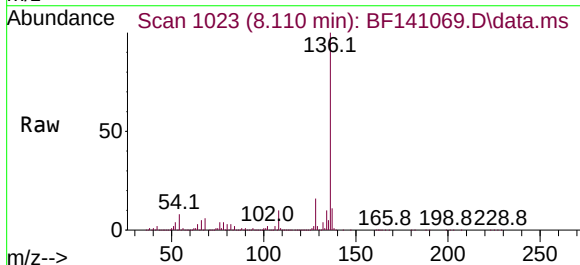
Instrument :
BNA_F
ClientSampleId :
341-349MSD

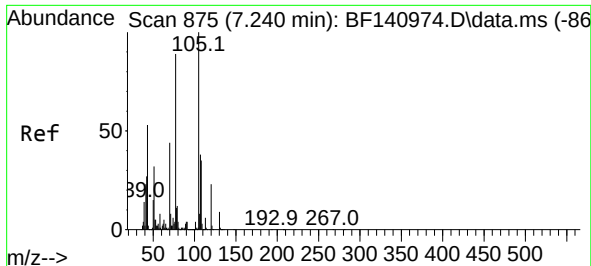
Tgt Ion:107 Resp: 755490
Ion Ratio Lower Upper
107 100
108 89.0 69.6 109.6
77 100.1 57.6 97.6#
79 28.7 8.8 48.8



#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

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

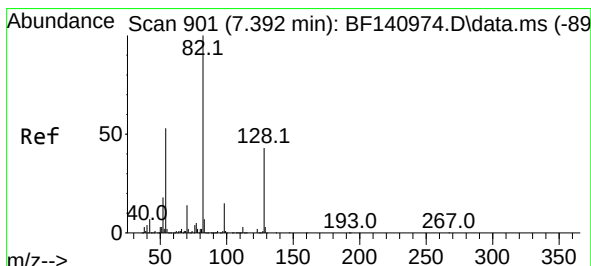
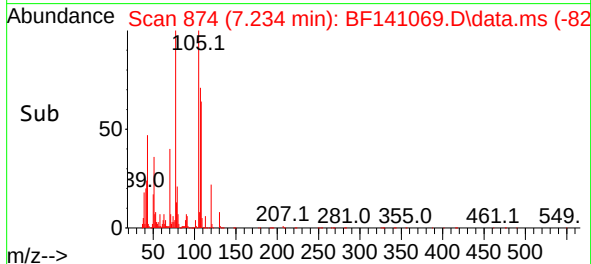
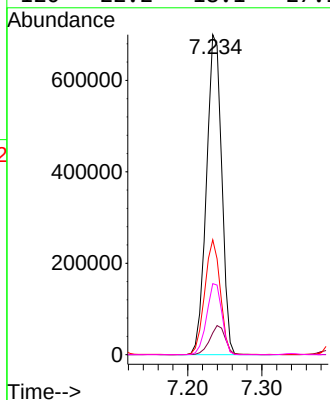
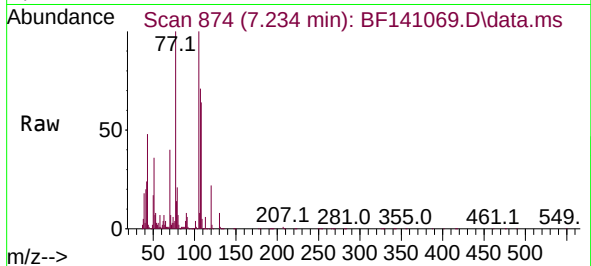




#22
Acetophenone
Concen: 39.841 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

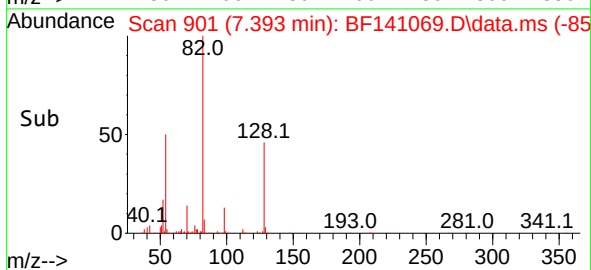
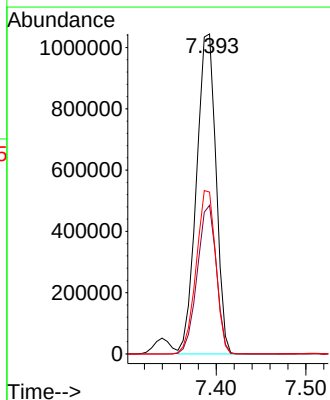
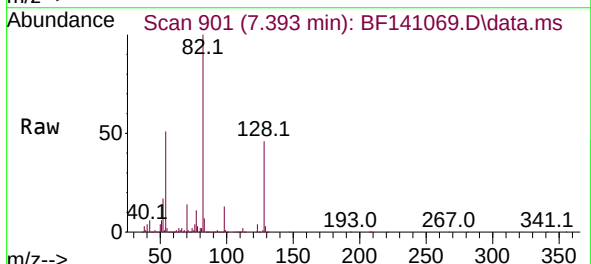
Instrument :
BNA_F
ClientSampleId :
341-349MSD

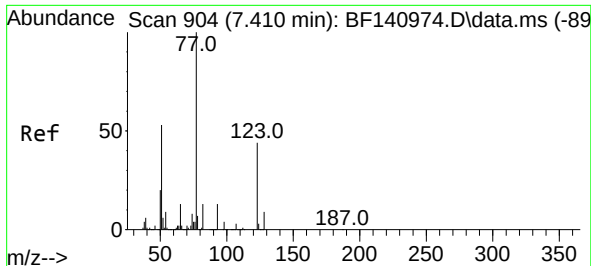
Tgt Ion:	105	Resp:	999985
Ion Ratio	Lower	Upper	
105	100		
71	6.8	6.1	9.1
51	35.9	25.8	38.6
120	22.2	18.1	27.1



#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

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

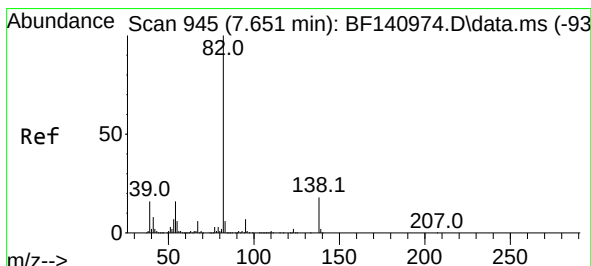
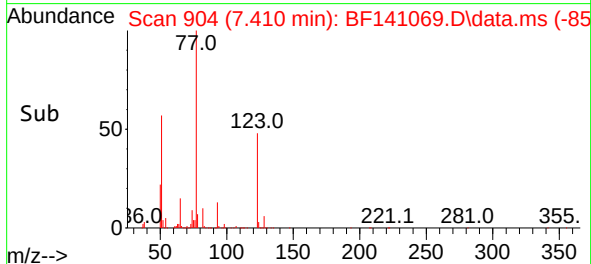
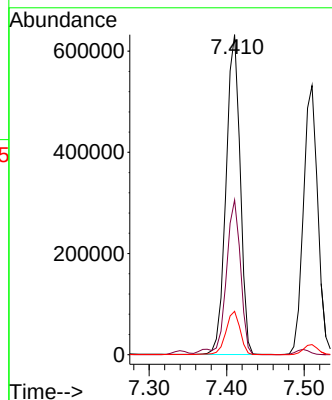
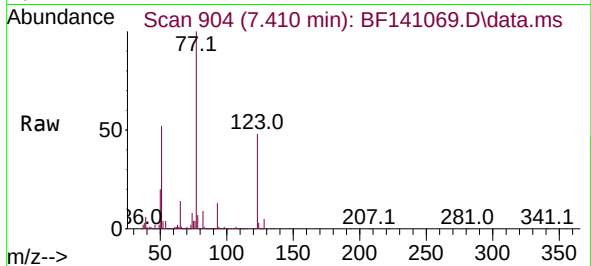




#24
Nitrobenzene
Concen: 44.756 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

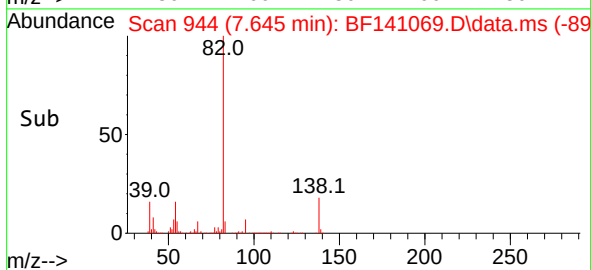
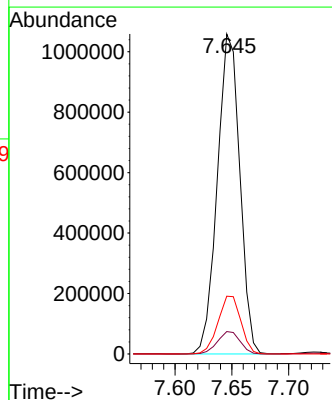
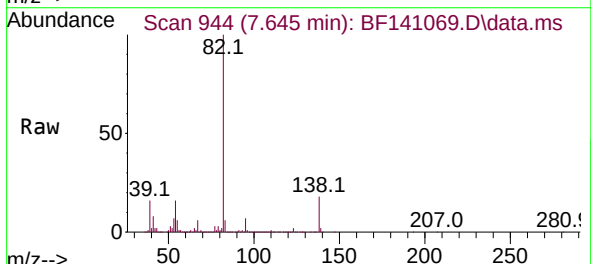
Instrument :
BNA_F
ClientSampleId :
341-349MSD

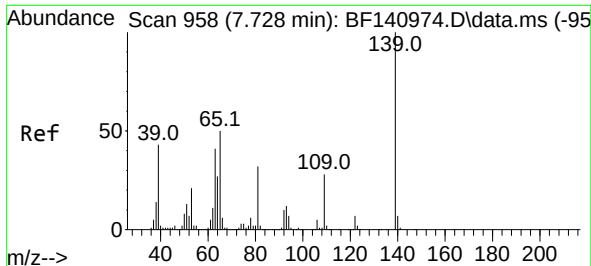
Tgt Ion: 77 Resp: 799773
Ion Ratio Lower Upper
77 100
123 48.4 35.4 53.2
65 13.5 10.7 16.1



#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

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

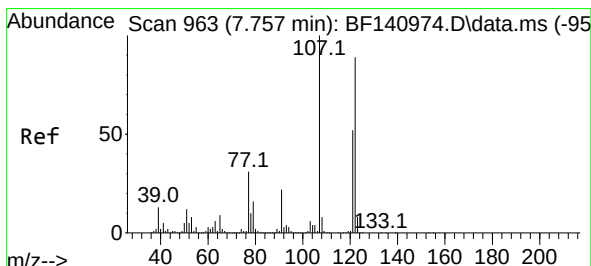
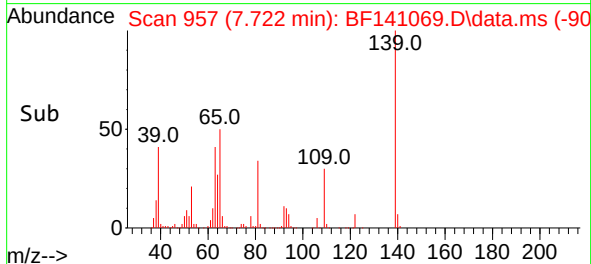
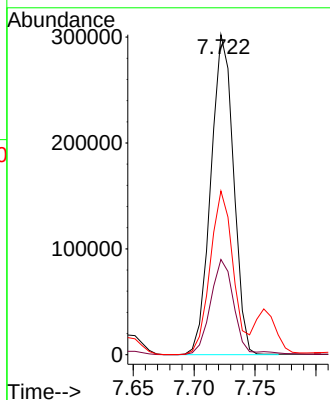
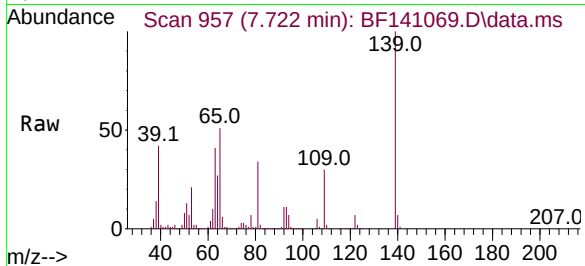




#26
2-Nitrophenol
Concen: 53.028 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

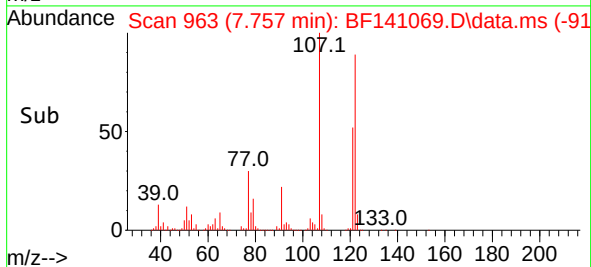
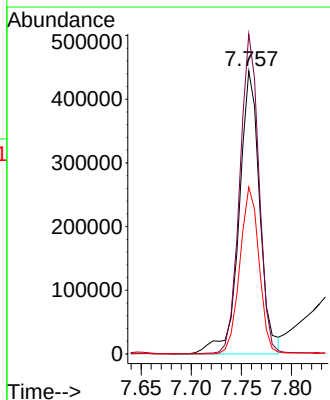
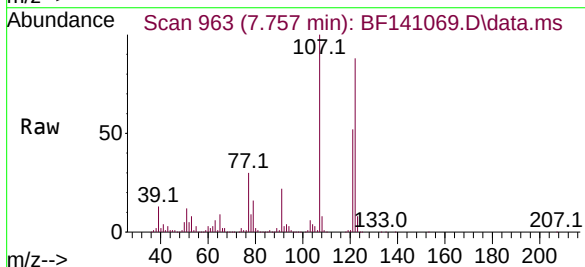
Instrument :
BNA_F
ClientSampleId :
341-349MSD

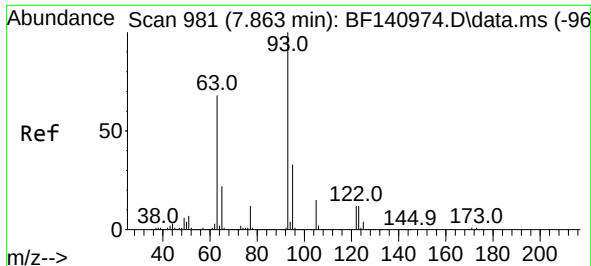
Tgt Ion:139 Resp: 392901
Ion Ratio Lower Upper
139 100
109 29.7 22.2 33.4
65 51.1 40.2 60.4



#27
2,4-Dimethylphenol
Concen: 50.064 ng
RT: 7.757 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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

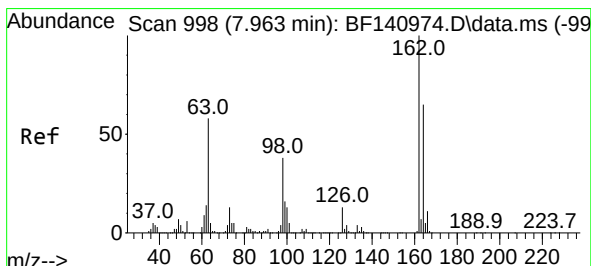
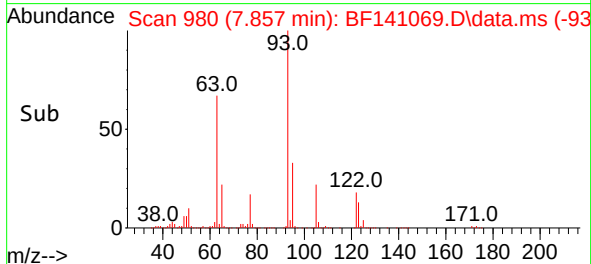
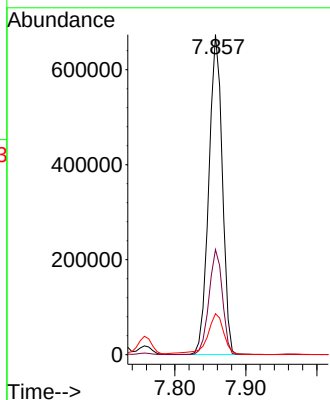
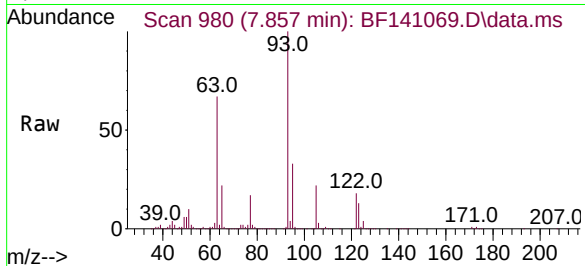




#28
bis(2-Chloroethoxy)methane
Concen: 40.356 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

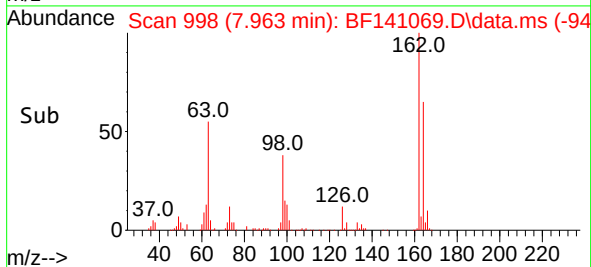
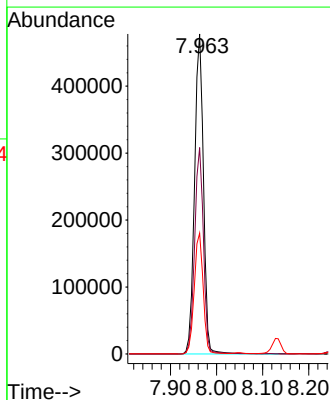
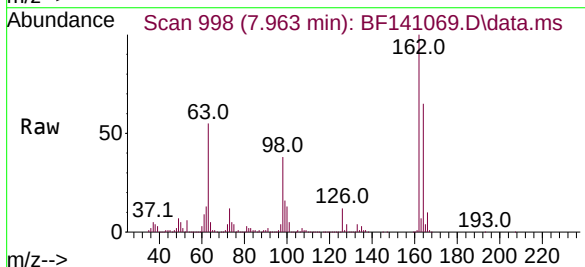
Instrument :
BNA_F
ClientSampleId :
341-349MSD

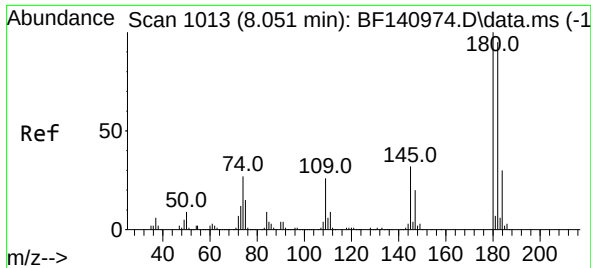
Tgt Ion: 93 Resp: 889805
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 12.8 9.9 14.9



#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

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

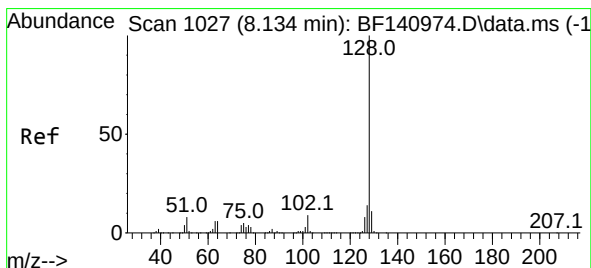
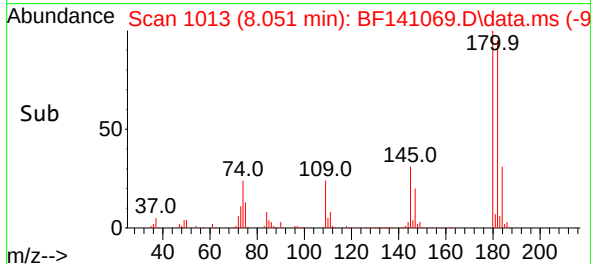
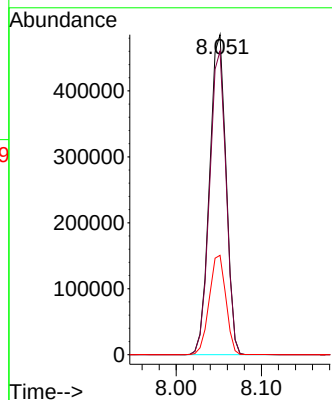
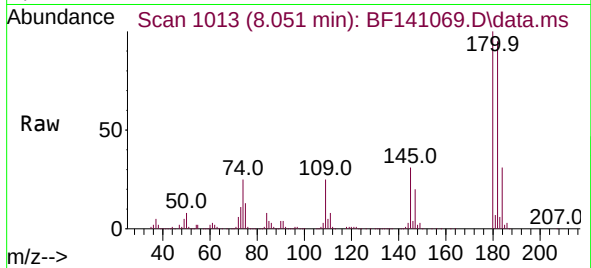




#30
1,2,4-Trichlorobenzene
Concen: 39.966 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

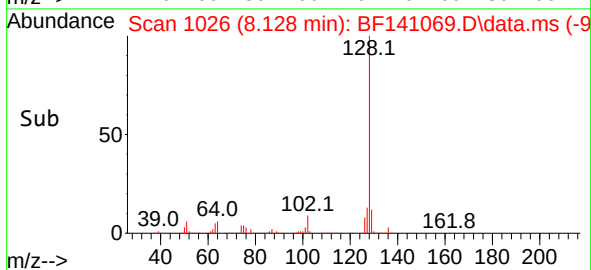
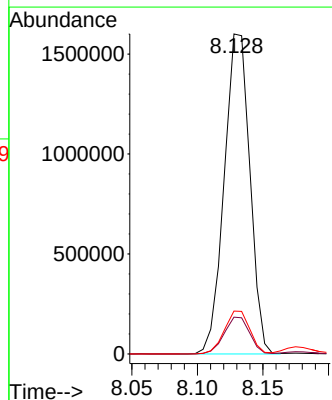
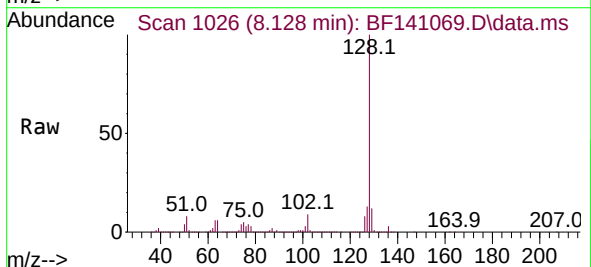
Instrument :
BNA_F
ClientSampleId :
341-349MSD

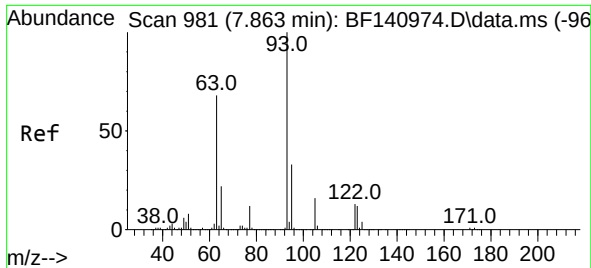
Tgt Ion:180 Resp: 652497
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
145 31.1 25.4 38.2



#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

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

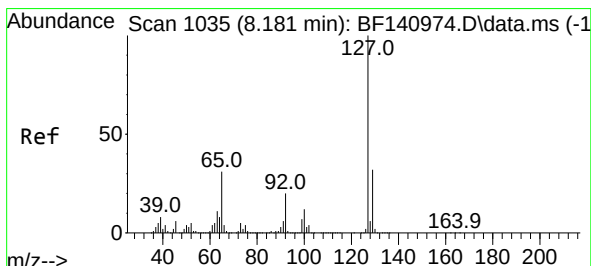
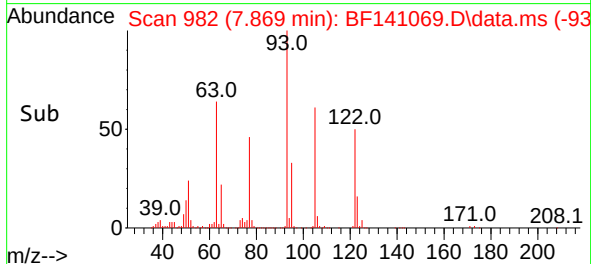
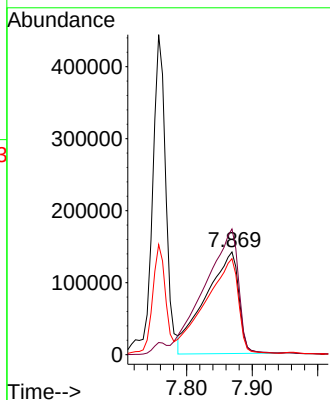
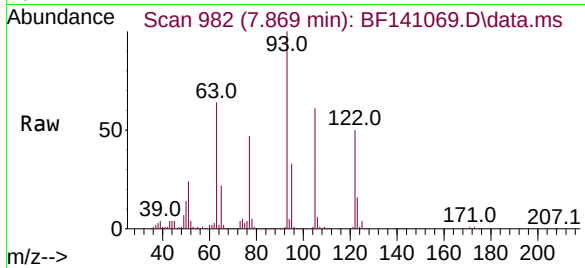




#32
Benzoic acid
Concen: 47.529 ng
RT: 7.869 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

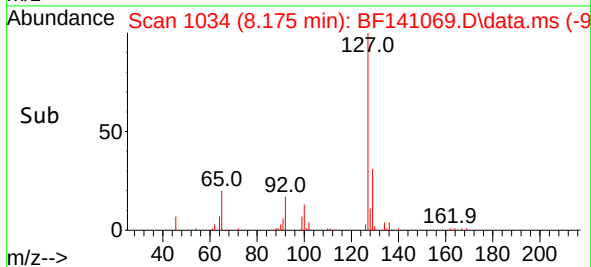
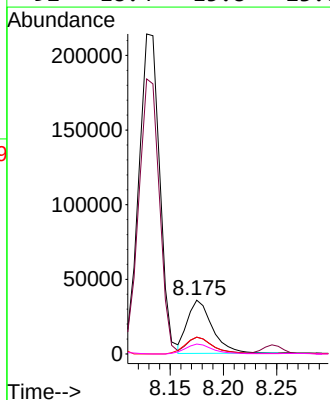
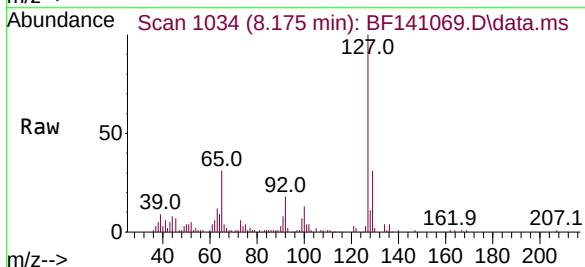
Instrument :
BNA_F
ClientSampleId :
341-349MSD

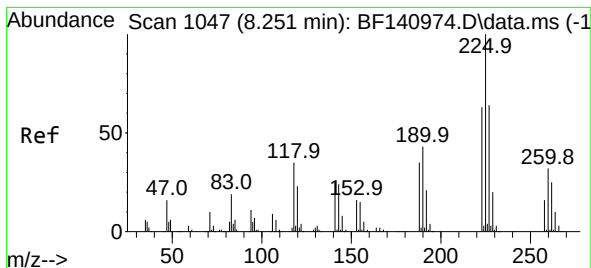
Tgt Ion:122 Resp: 496521
Ion Ratio Lower Upper
122 100
105 122.4 105.4 145.4
77 93.4 76.4 116.4



#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

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

Instrument :

BNA_F

ClientSampleId :

341-349MSD

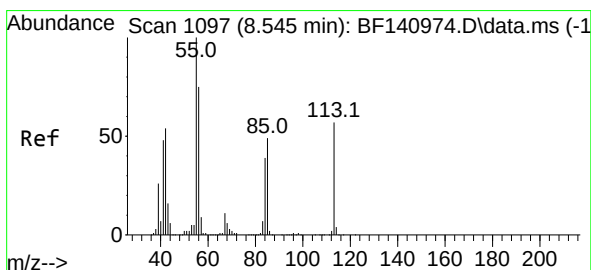
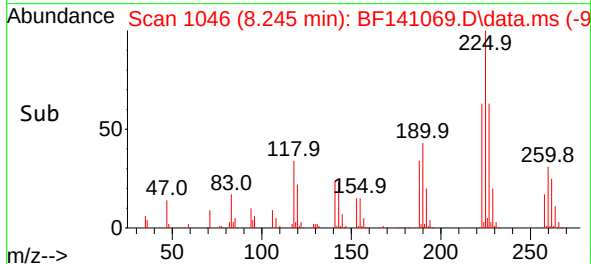
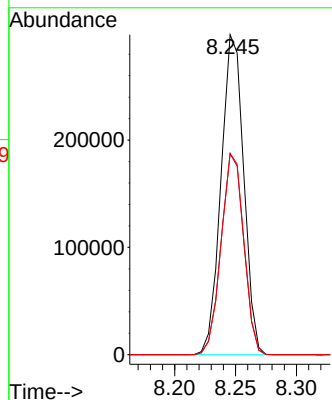
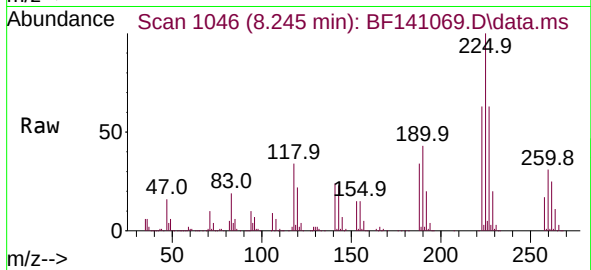
Tgt Ion:225 Resp: 385768

Ion Ratio Lower Upper

225 100

223 62.8 50.3 75.5

227 62.9 50.8 76.2



#35

Caprolactam

Concen: 41.147 ng m

RT: 8.540 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

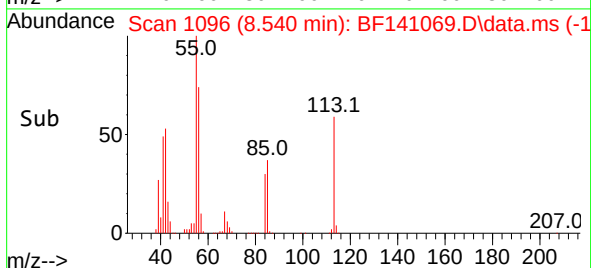
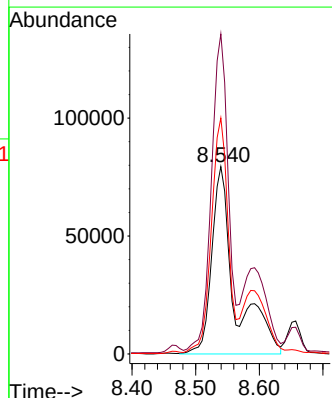
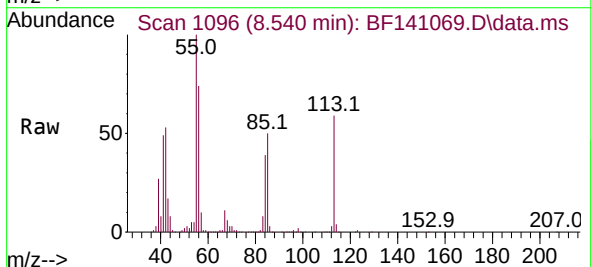
Tgt Ion:113 Resp: 201772

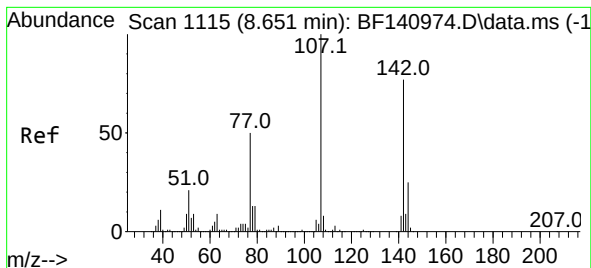
Ion Ratio Lower Upper

113 100

55 170.8 156.6 196.6

56 126.0 111.7 151.7

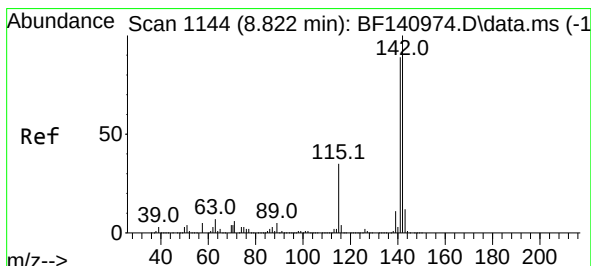
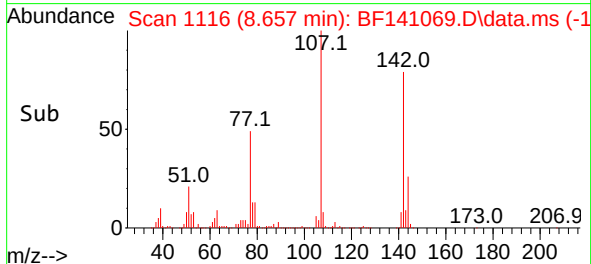
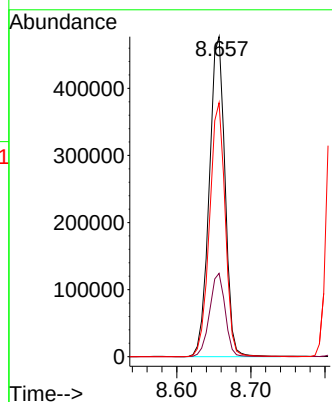
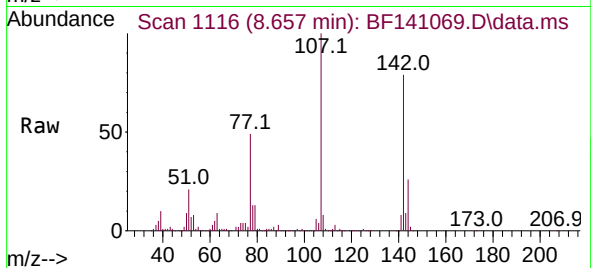




#36
4-Chloro-3-methylphenol
Concen: 43.934 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

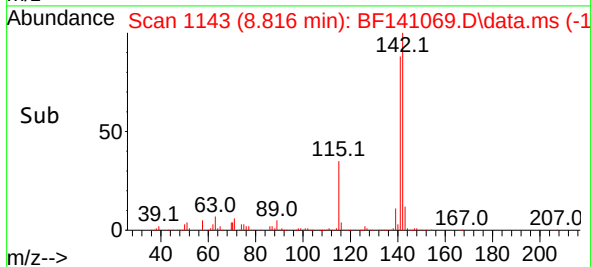
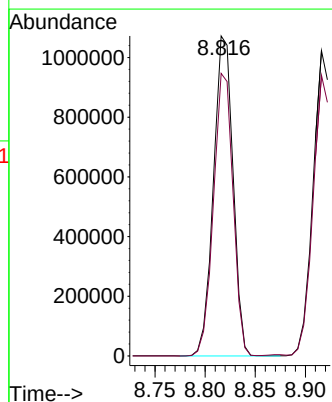
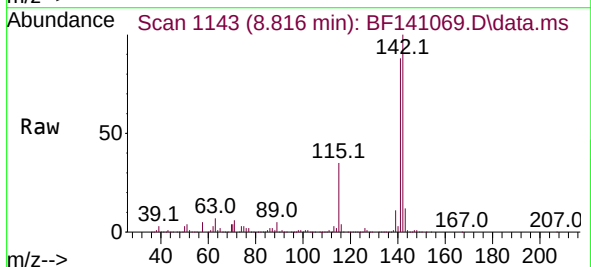
Instrument :
BNA_F
ClientSampleId :
341-349MSD

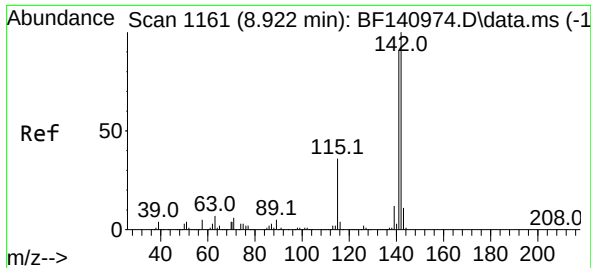
Tgt Ion:107 Resp: 703781
Ion Ratio Lower Upper
107 100
144 26.0 19.9 29.9
142 79.4 61.8 92.8



#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

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

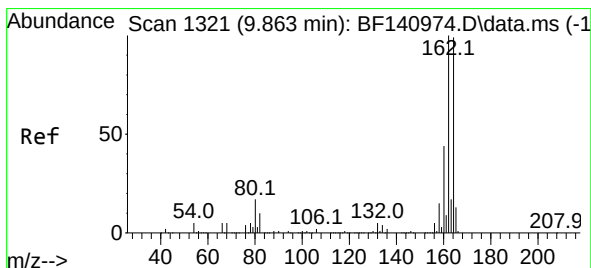
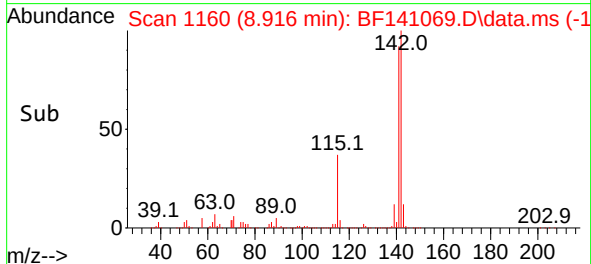
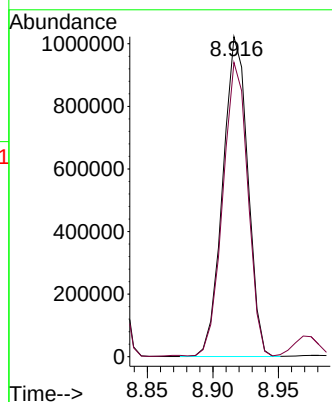
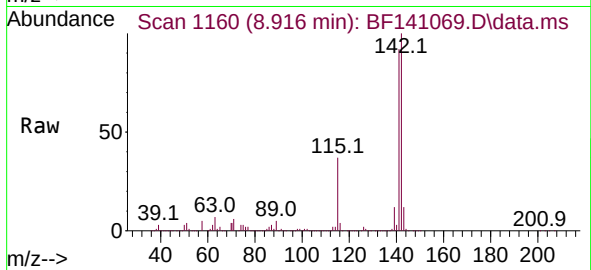




#38
1-Methylnaphthalene
Concen: 40.041 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

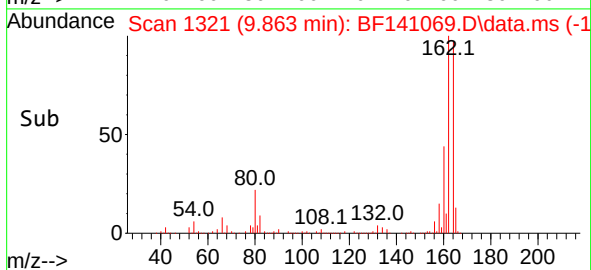
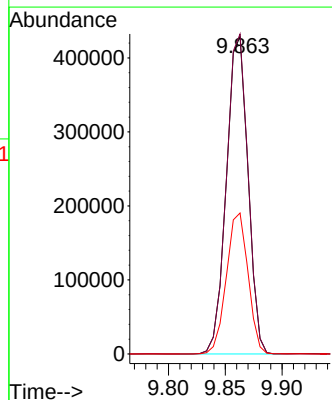
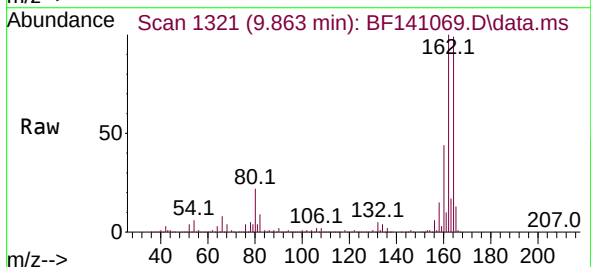
Instrument :
BNA_F
ClientSampleId :
341-349MSD

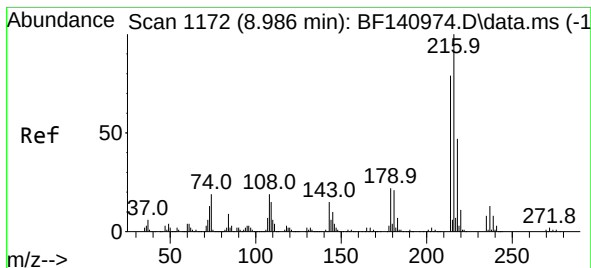
Tgt Ion:142 Resp: 1357269
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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

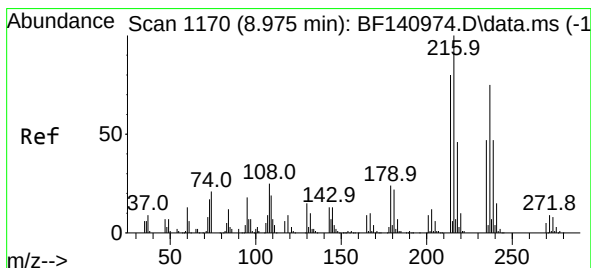
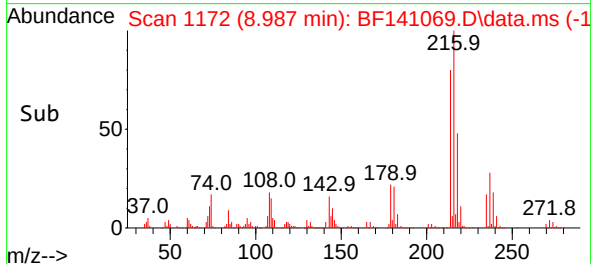
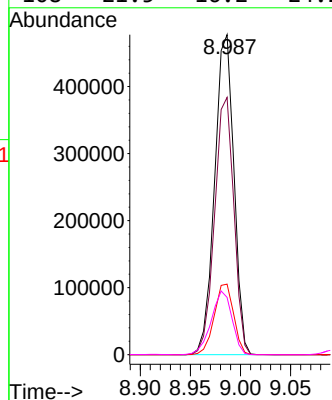
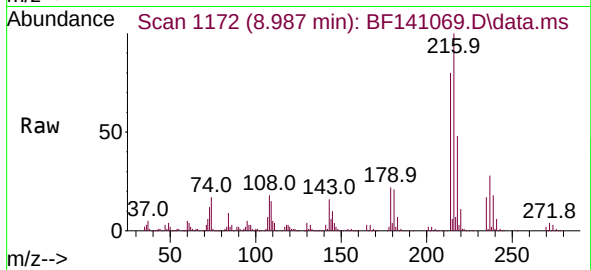




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.847 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

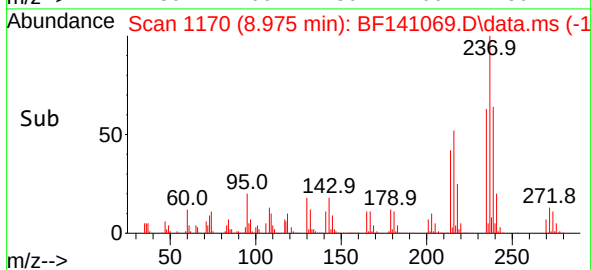
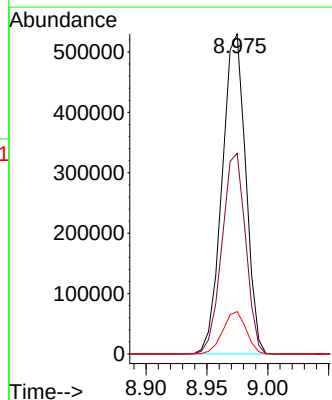
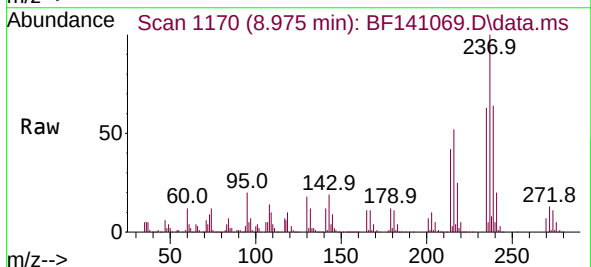
Instrument :
BNA_F
ClientSampleId :
341-349MSD

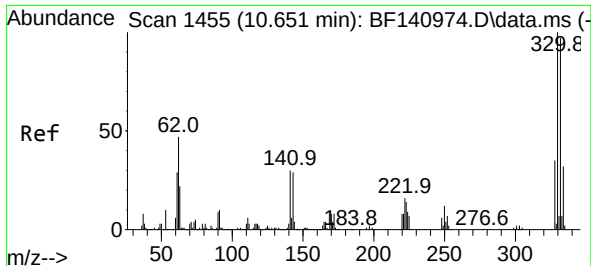
Tgt Ion:216 Resp: 637816
Ion Ratio Lower Upper
216 100
214 80.2 63.0 94.6
179 22.3 17.9 26.9
108 21.5 16.2 24.2



#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

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

Instrument :

BNA_F

ClientSampleId :

341-349MSD

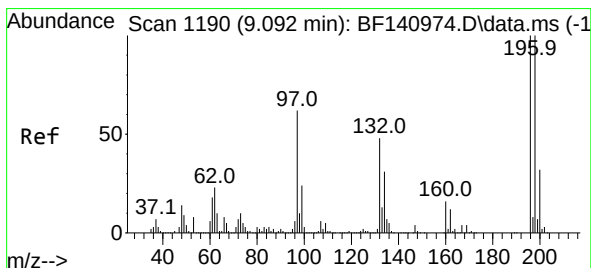
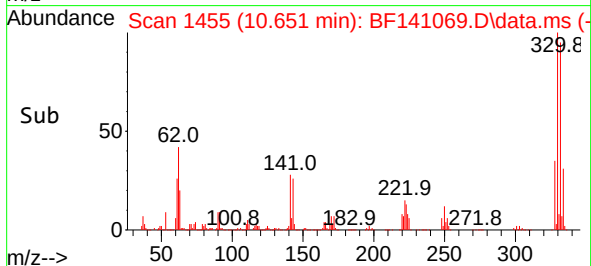
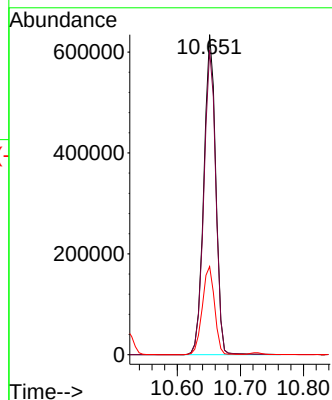
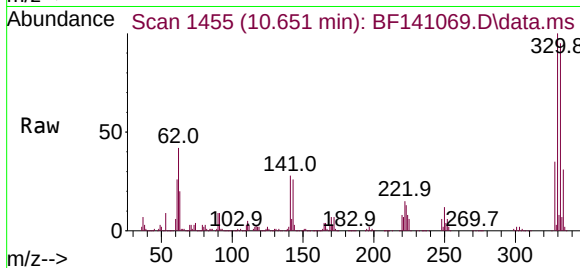
Tgt Ion:330 Resp: 831937

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

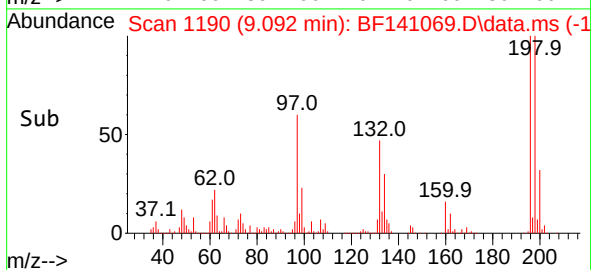
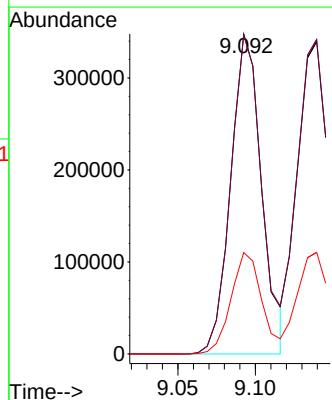
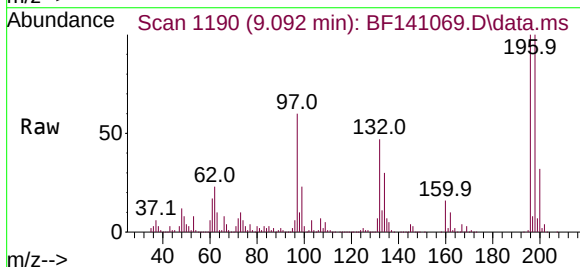
Tgt Ion:196 Resp: 481025

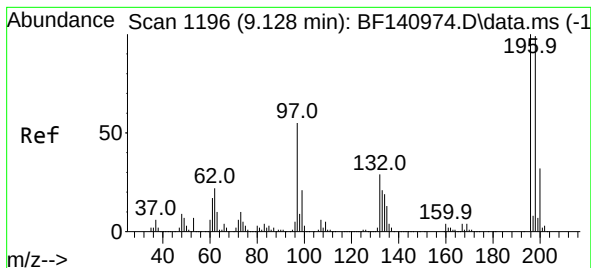
Ion Ratio Lower Upper

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# 1196

Delta R.T. 0.012 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

Tgt Ion:196 Resp: 479961

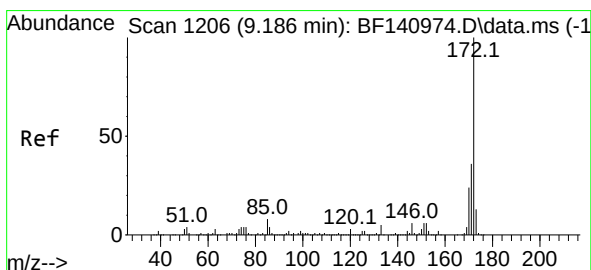
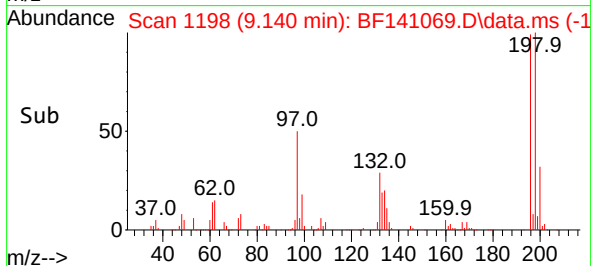
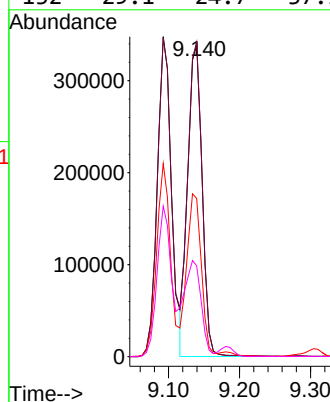
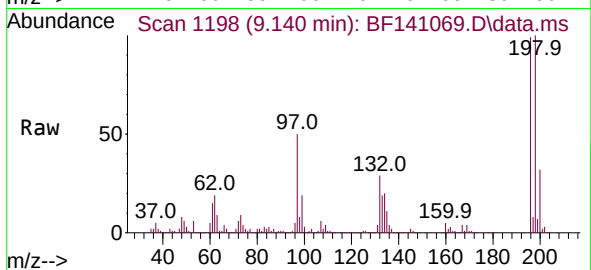
Ion Ratio Lower Upper

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# 1205

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

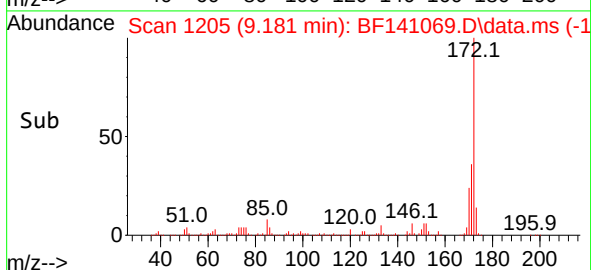
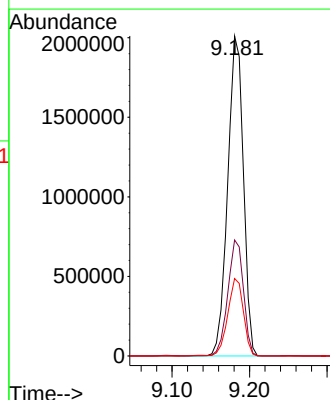
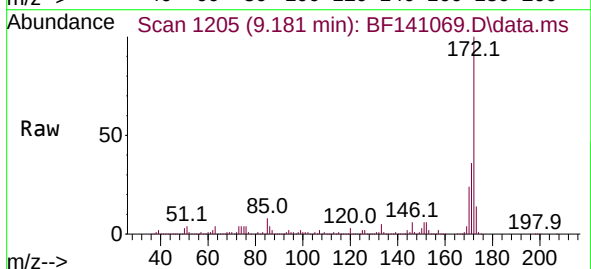
Tgt Ion:172 Resp: 2827943

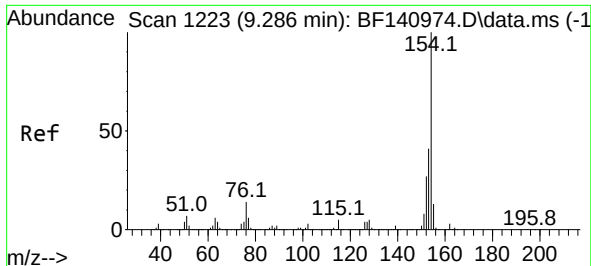
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 24.2 19.6 29.4

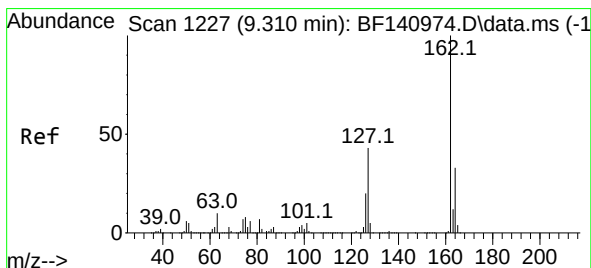
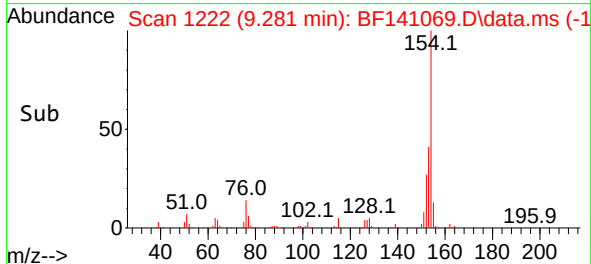
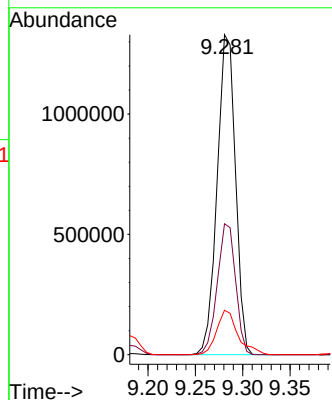
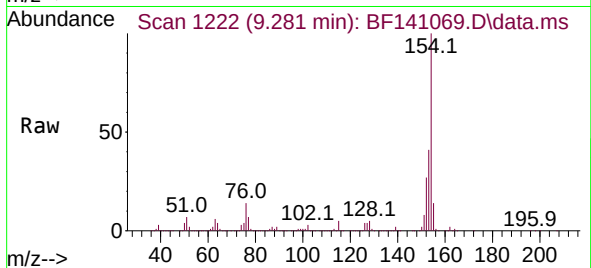




#46
1,1'-Biphenyl
Concen: 41.270 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

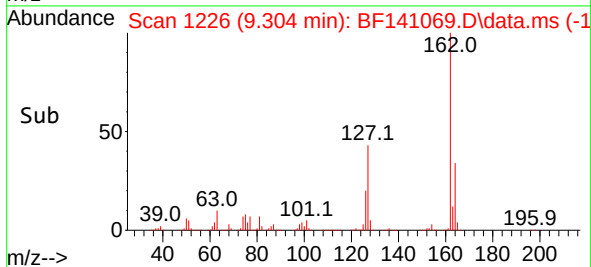
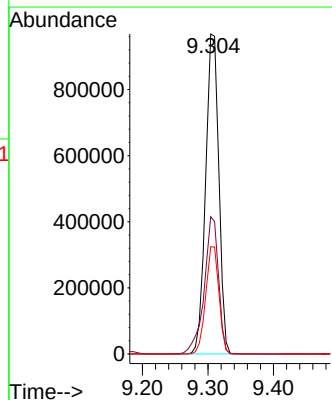
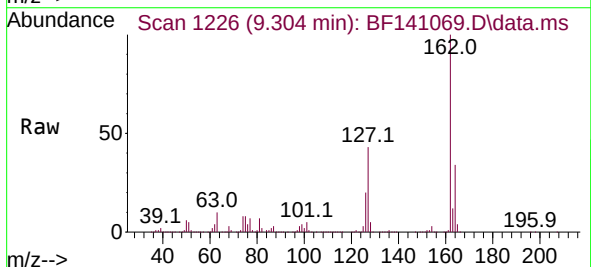
Instrument :
BNA_F
ClientSampleId :
341-349MSD

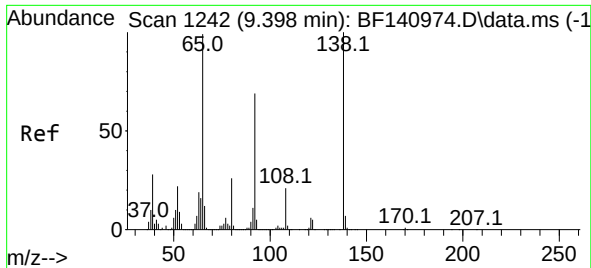
Tgt Ion:154 Resp: 1793573
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 13.9 0.0 34.0



#47
2-Chloronaphthalene
Concen: 40.268 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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

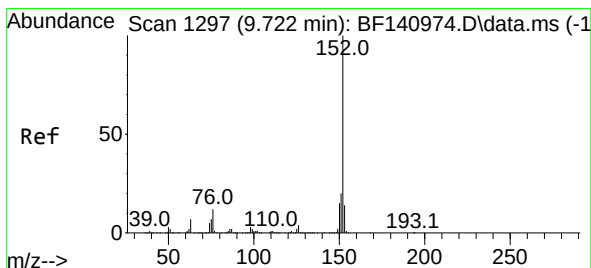
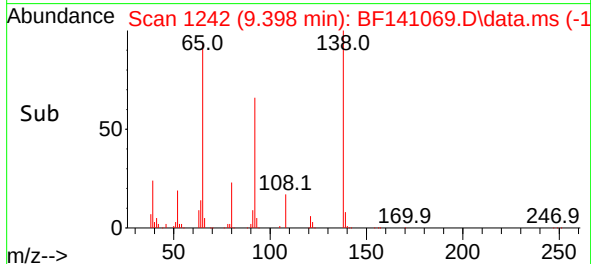
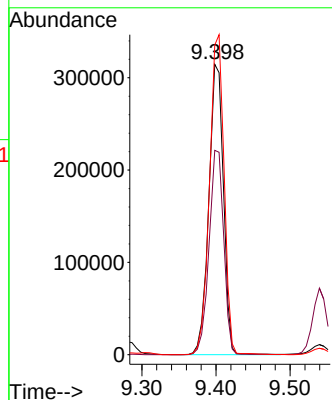
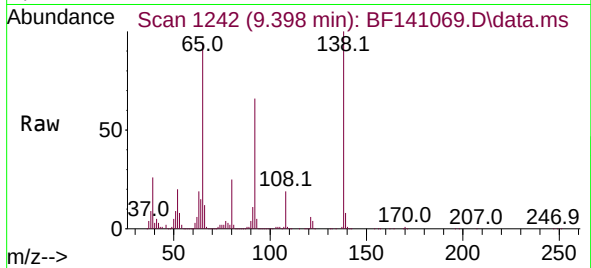




#48
2-Nitroaniline
Concen: 48.898 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

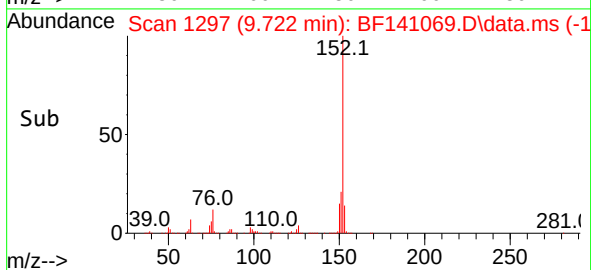
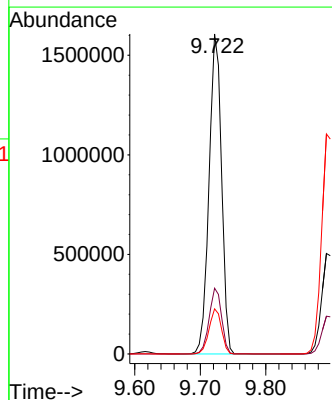
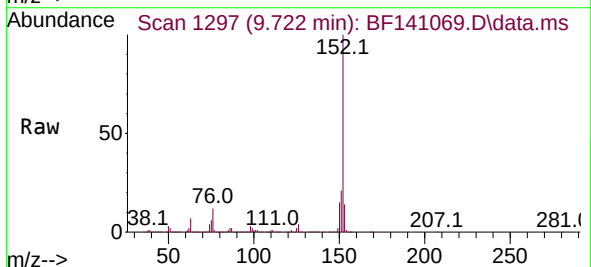
Instrument :
BNA_F
ClientSampleId :
341-349MSD

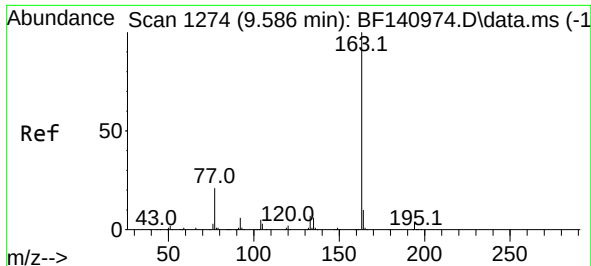
Tgt Ion: 65 Resp: 432014
Ion Ratio Lower Upper
65 100
92 70.3 55.6 83.4
138 106.6 80.5 120.7



#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

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

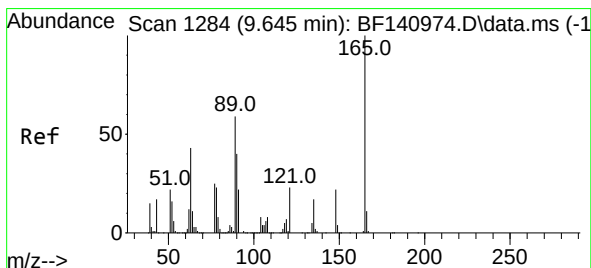
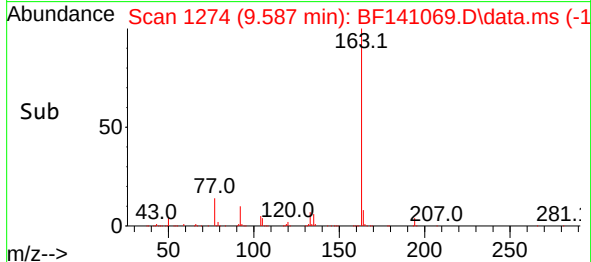
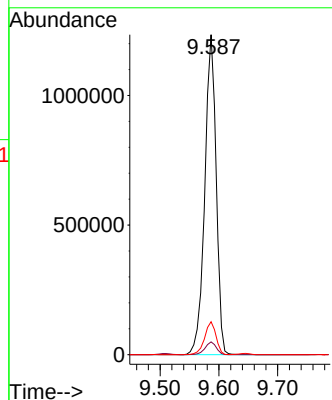
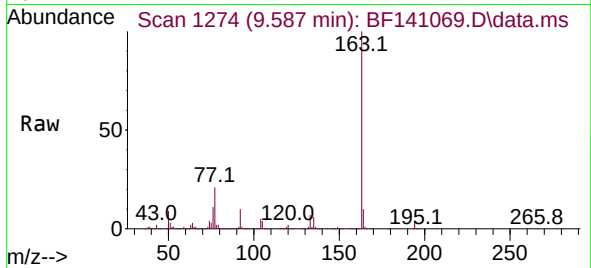




#50
Dimethylphthalate
Concen: 44.578 ng
RT: 9.587 min Scan# 1274
Delta R.T. 0.001 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

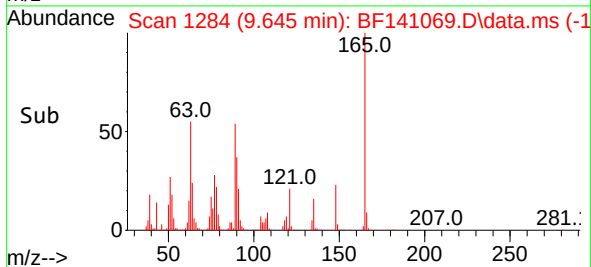
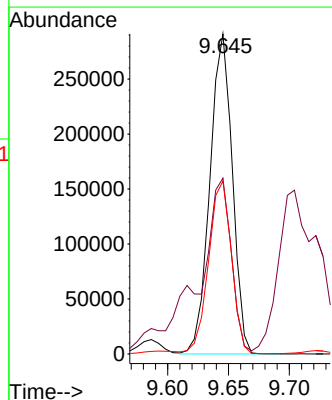
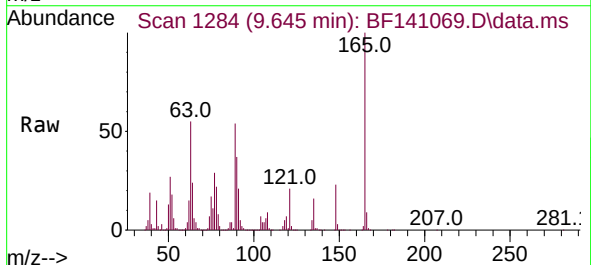
Instrument :
BNA_F
ClientSampleId :
341-349MSD

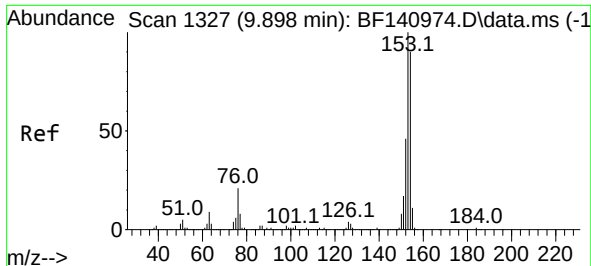
Tgt Ion:163 Resp: 1664237
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 48.989 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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

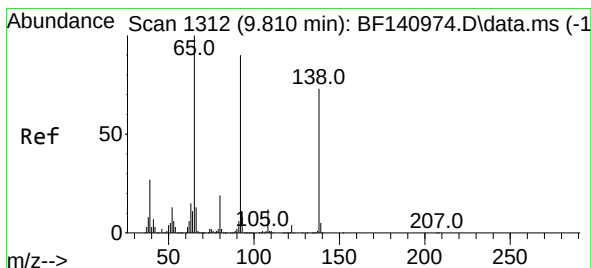
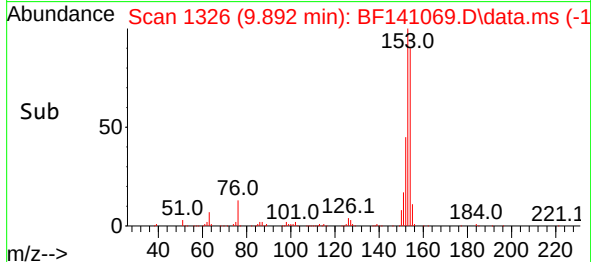
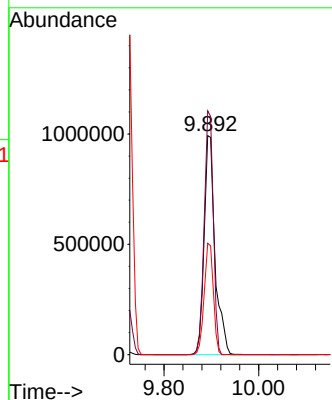
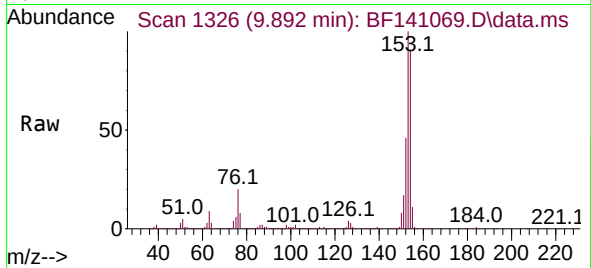




#52
Acenaphthene
Concen: 48.592 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

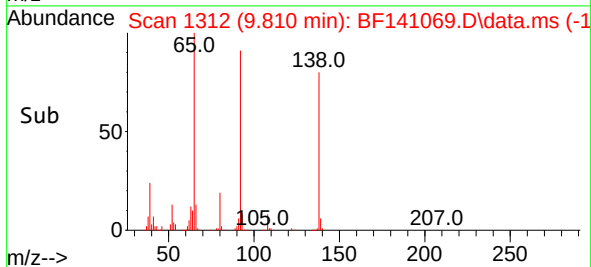
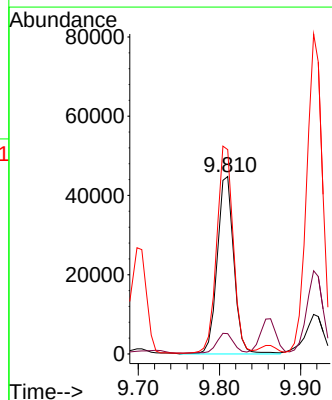
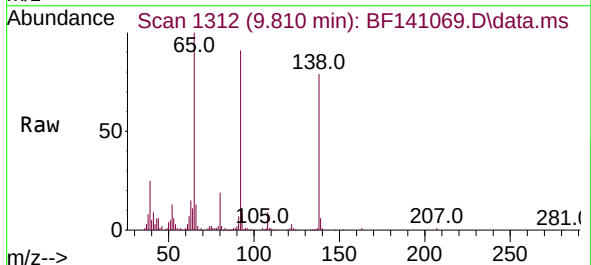
Instrument :
BNA_F
ClientSampleId :
341-349MSD

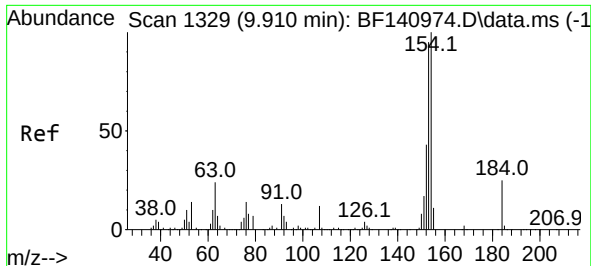
Tgt Ion:154 Resp: 1593913
Ion Ratio Lower Upper
154 100
153 111.3 89.2 133.8
152 50.8 40.9 61.3



#53
3-Nitroaniline
Concen: 10.454 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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

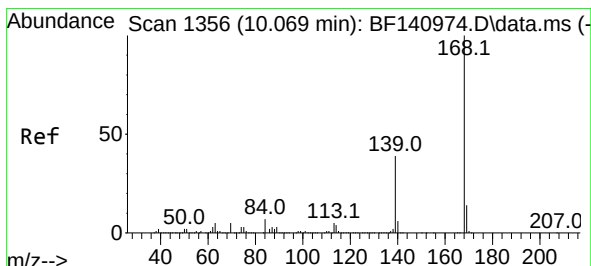
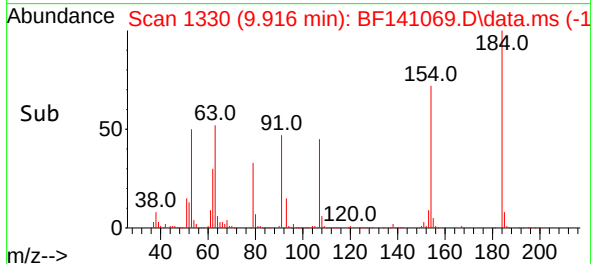
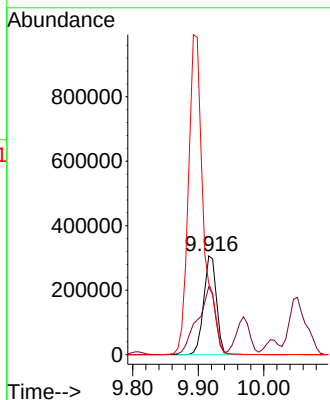
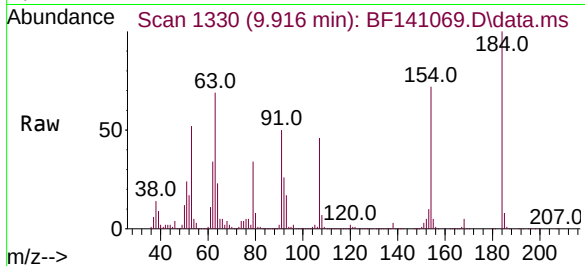




#54
2,4-Dinitrophenol
Concen: 114.894 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

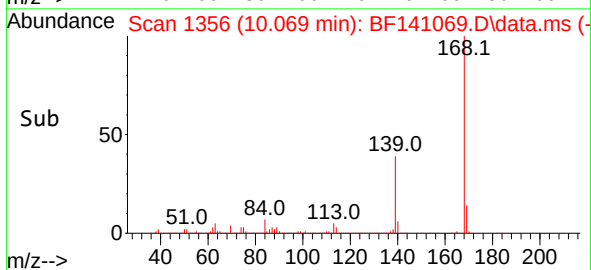
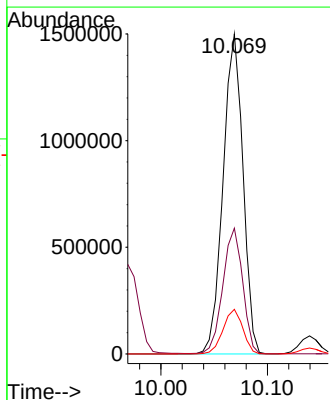
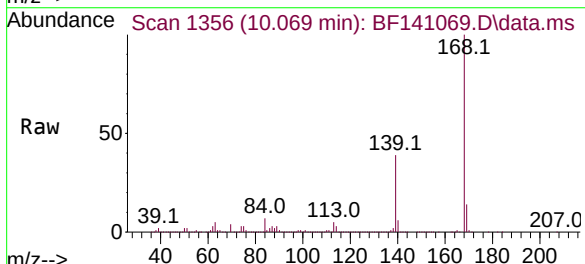
Instrument :
BNA_F
ClientSampleId :
341-349MSD

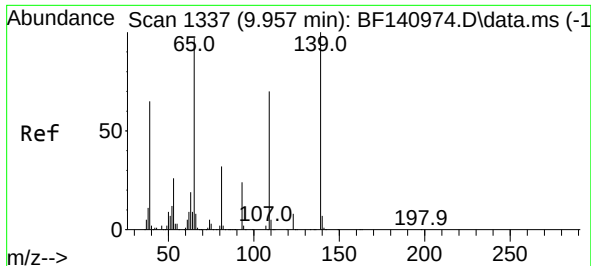
Tgt Ion:184 Resp: 418898
Ion Ratio Lower Upper
184 100
63 68.8 81.6 122.4#
154 72.2 363.5 545.3#



#55
Dibenzofuran
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

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

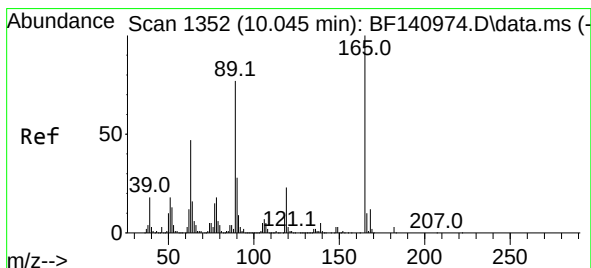
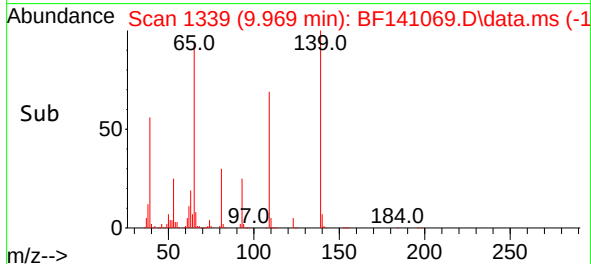
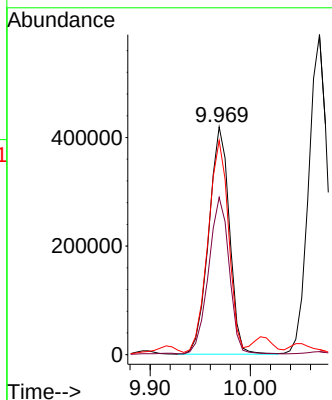
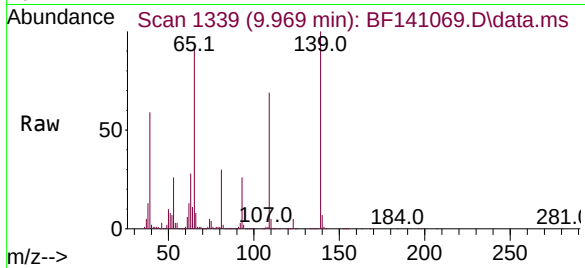




#56
4-Nitrophenol
Concen: 94.234 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

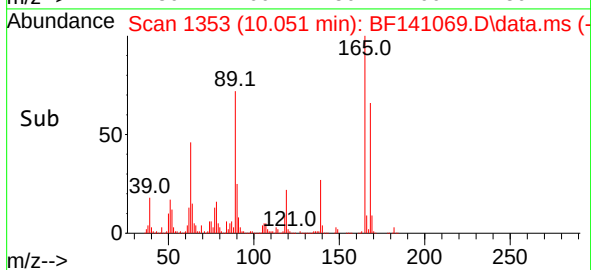
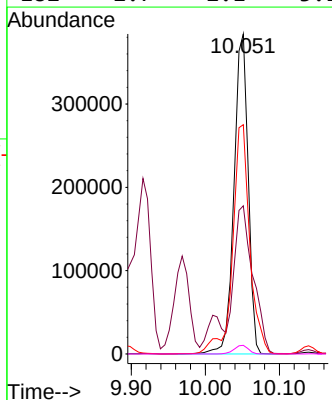
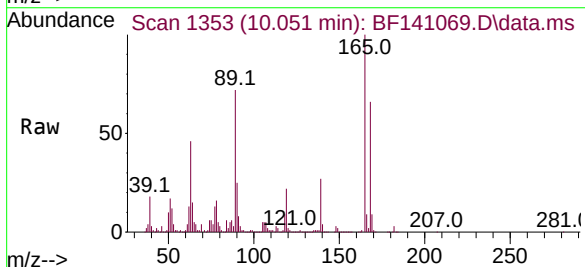
Instrument :
BNA_F
ClientSampleId :
341-349MSD

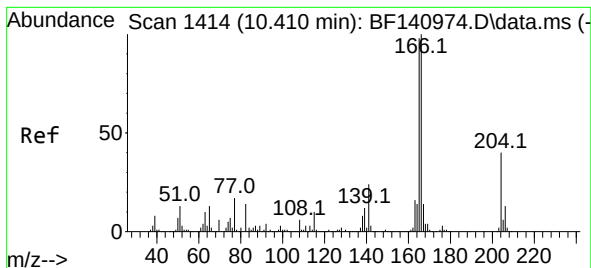
Tgt Ion:139 Resp: 601792
Ion Ratio Lower Upper
139 100
109 69.0 50.8 90.8
65 93.9 78.5 118.5



#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

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

Instrument :

BNA_F

ClientSampleId :

341-349MSD

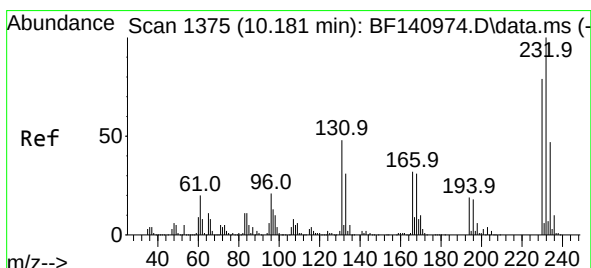
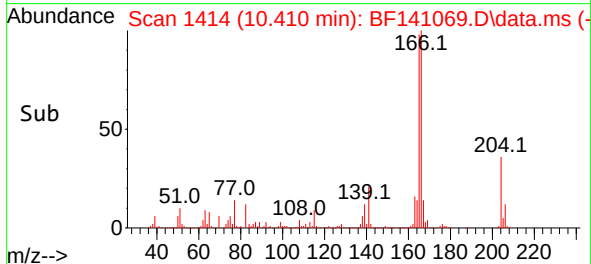
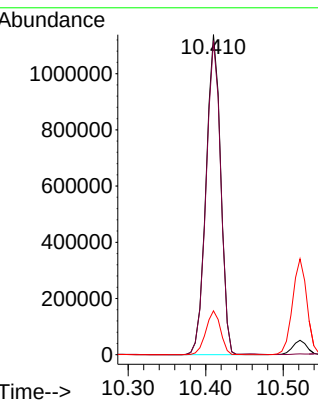
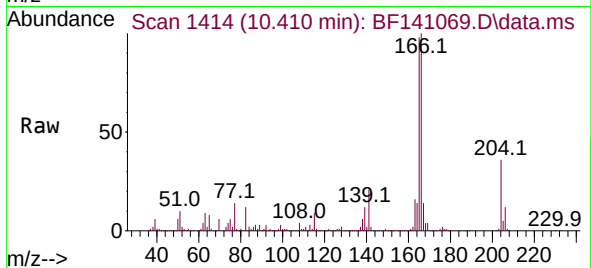
Tgt Ion:166 Resp: 1490097

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

Tgt Ion:232 Resp: 426619

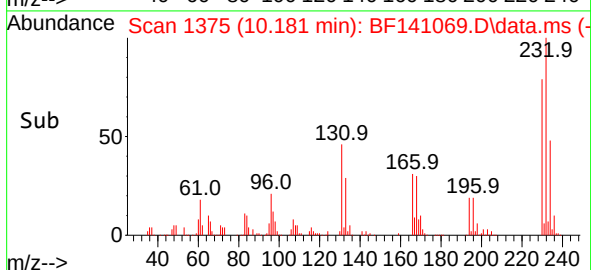
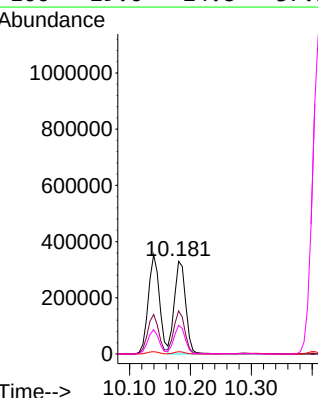
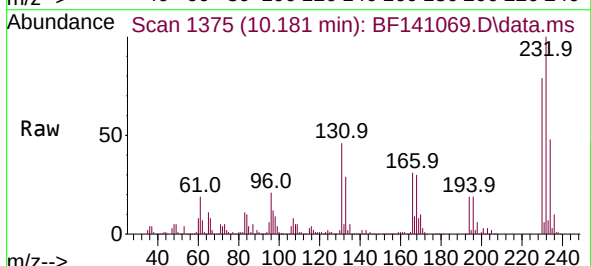
Ion Ratio Lower Upper

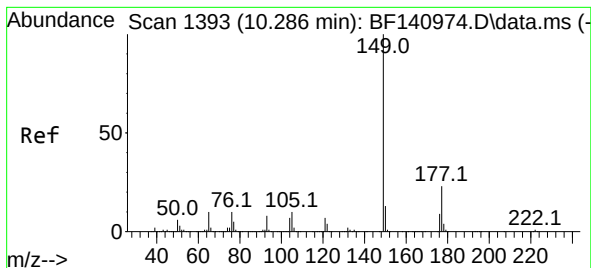
232 100

131 46.0 37.4 56.2

130 2.3 1.8 2.8

166 29.6 24.8 37.2

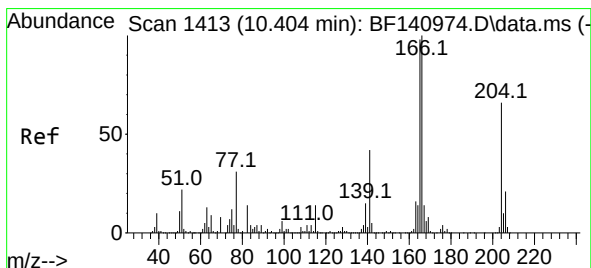
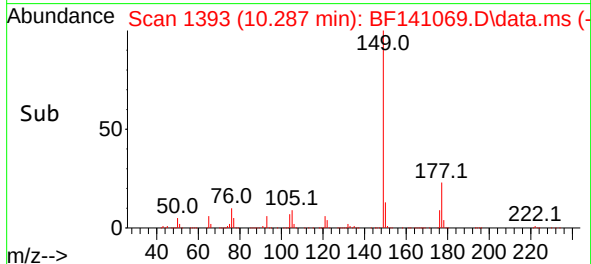
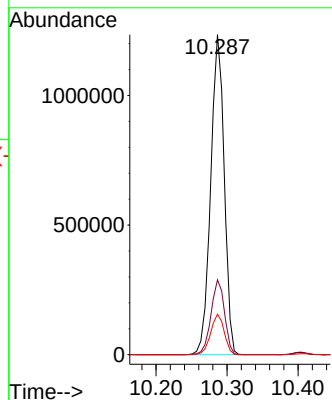
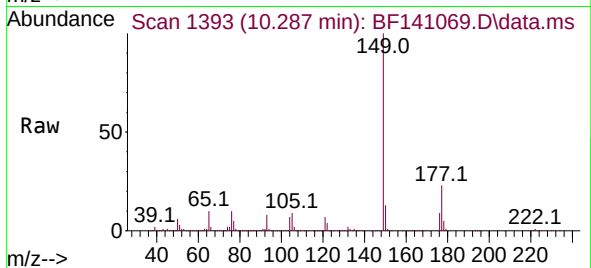




#60
Diethylphthalate
Concen: 44.325 ng
RT: 10.287 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

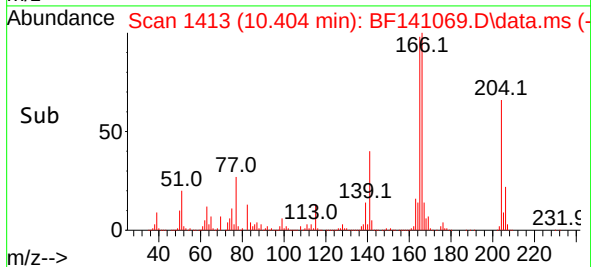
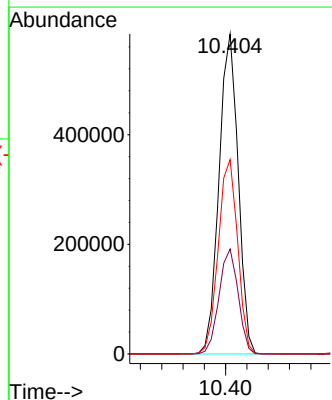
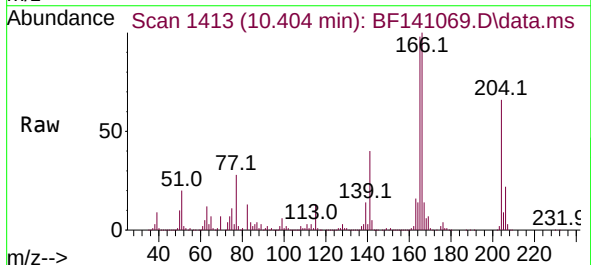
Instrument :
BNA_F
ClientSampleId :
341-349MSD

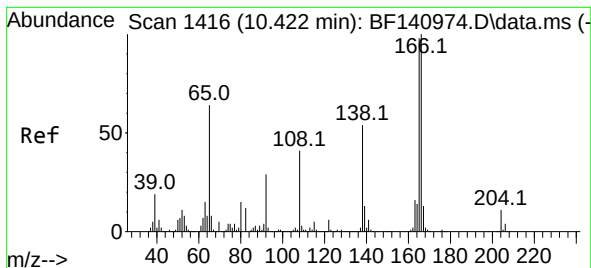
Tgt Ion:149 Resp: 1633684
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.7 10.4 15.6



#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

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

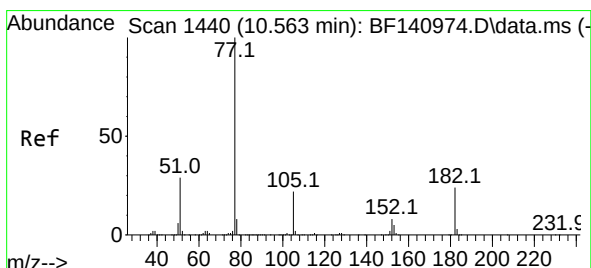
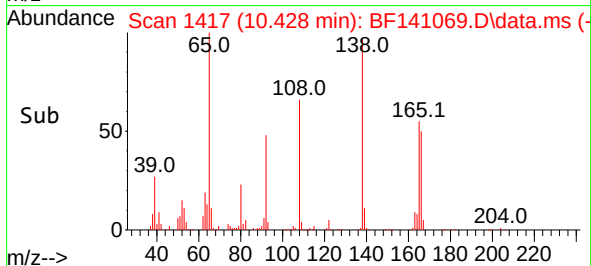
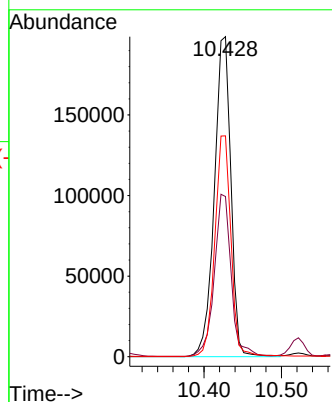
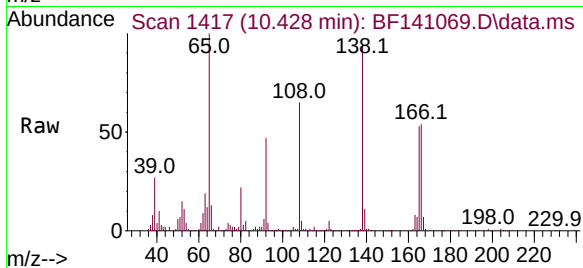




#62
4-Nitroaniline
Concen: 36.523 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

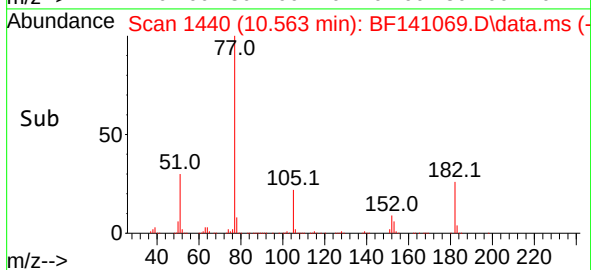
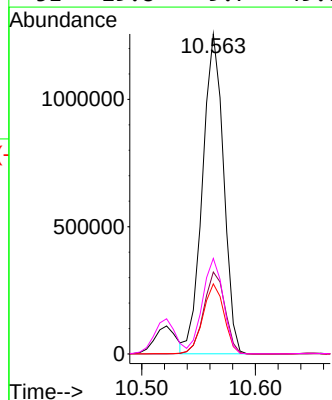
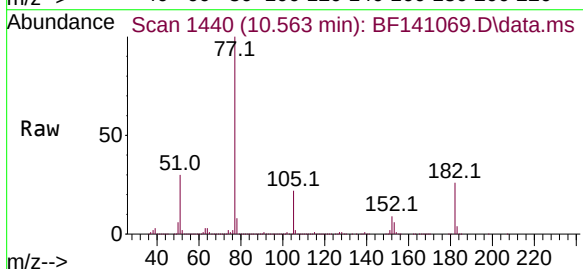
Instrument :
BNA_F
ClientSampleId :
341-349MSD

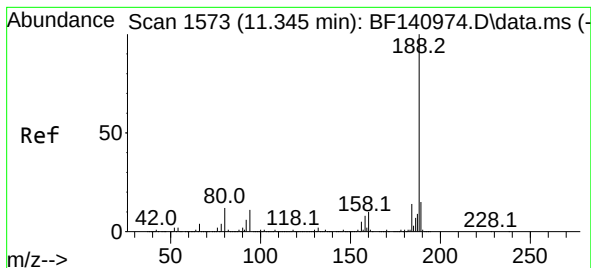
Tgt Ion:138 Resp: 294990
Ion Ratio Lower Upper
138 100
92 50.0 34.8 74.8
108 69.0 55.9 95.9



#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

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

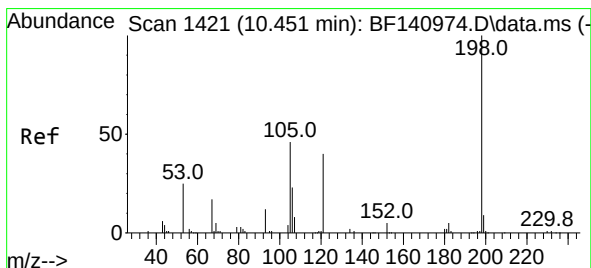
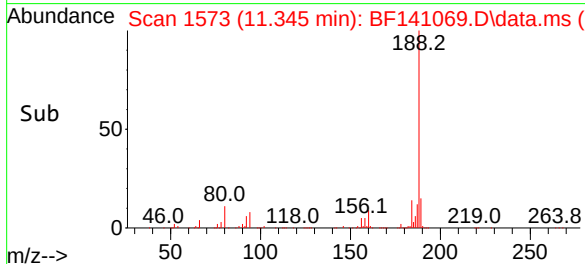
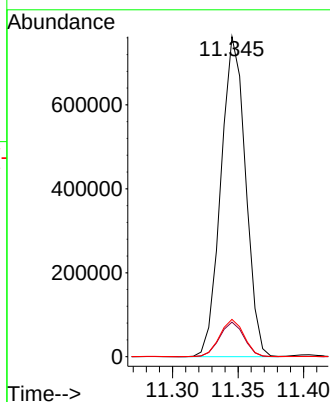
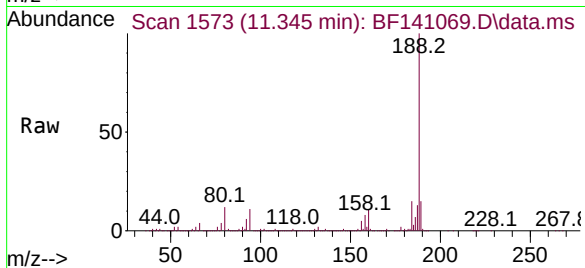




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

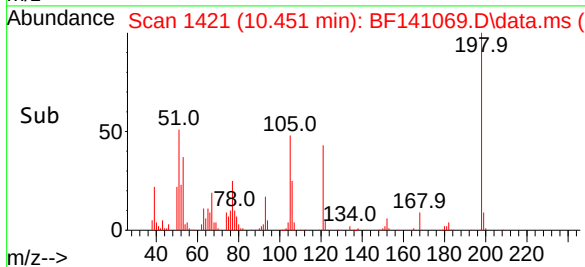
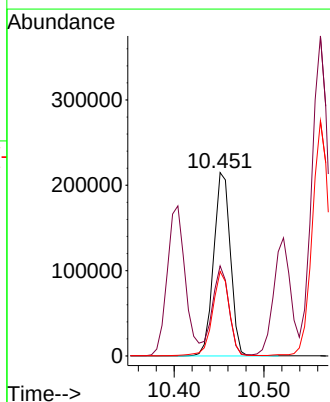
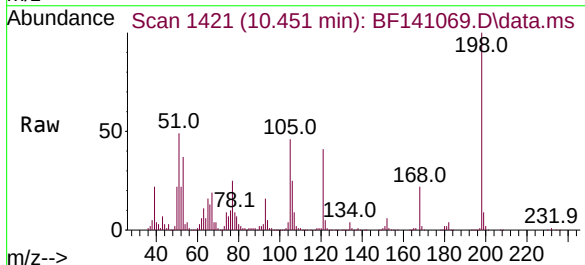
Instrument :
BNA_F
ClientSampleId :
341-349MSD

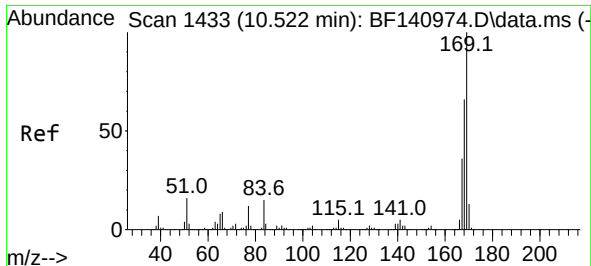
Tgt Ion:188 Resp: 995036
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.6 9.8 14.6



#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

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

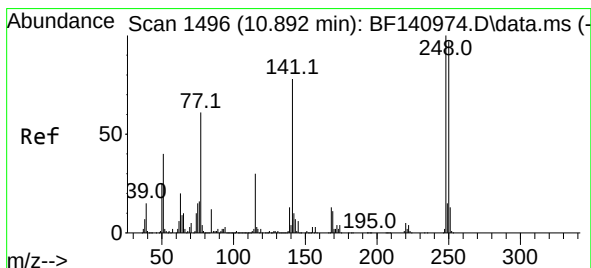
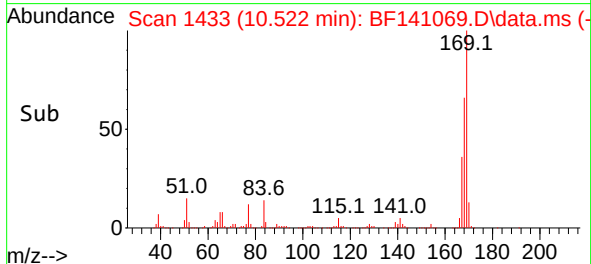
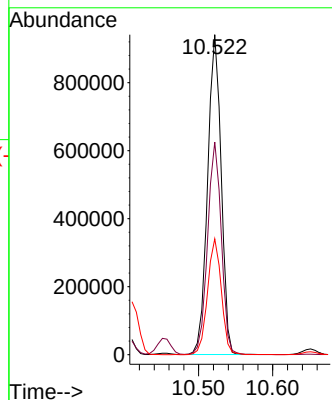
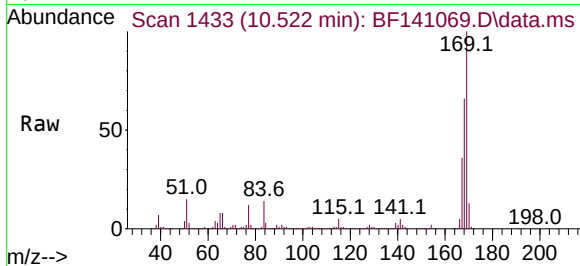




#66
n-Nitrosodiphenylamine
Concen: 38.290 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

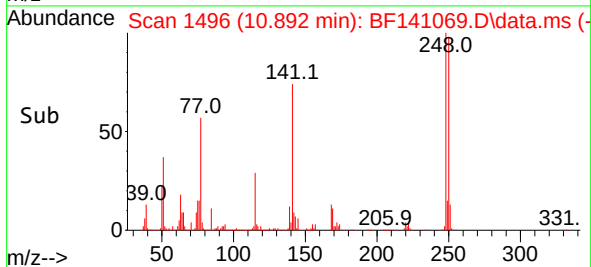
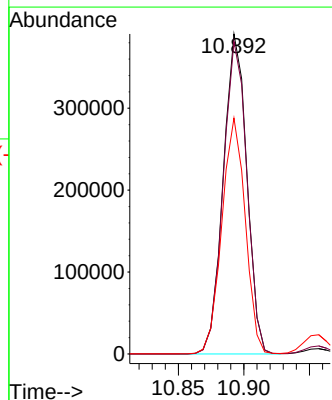
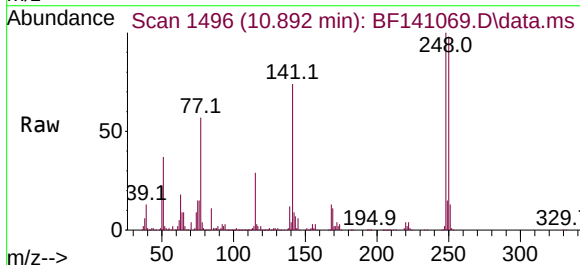
Instrument :
BNA_F
ClientSampleId :
341-349MSD

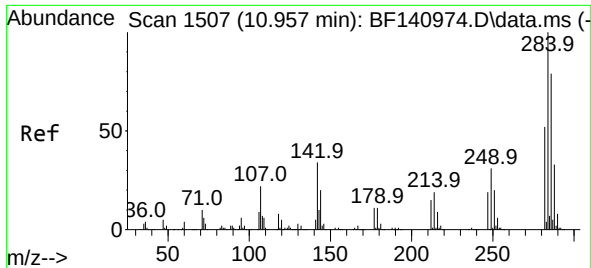
Tgt Ion:169 Resp: 1199750
Ion Ratio Lower Upper
169 100
168 66.5 52.6 79.0
167 36.2 29.0 43.4



#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

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

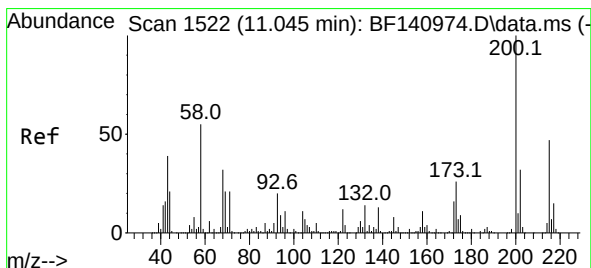
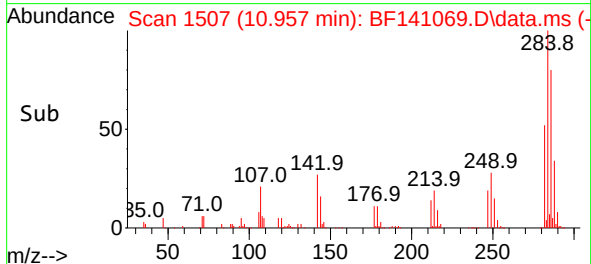
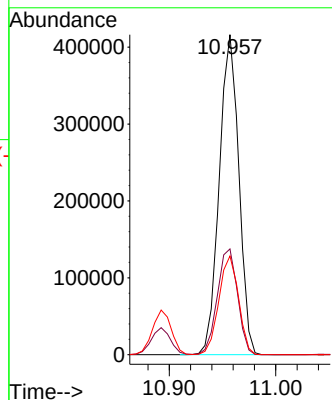
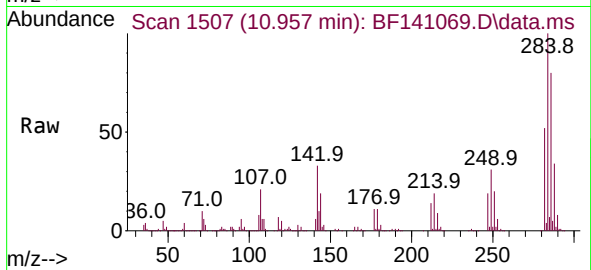




#68
Hexachlorobenzene
Concen: 44.629 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

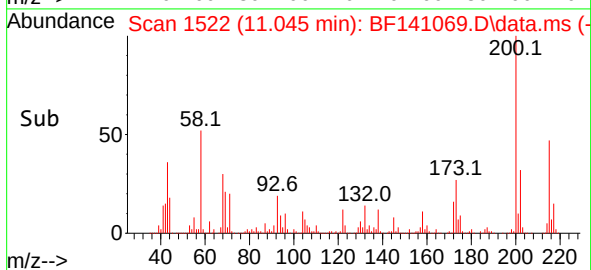
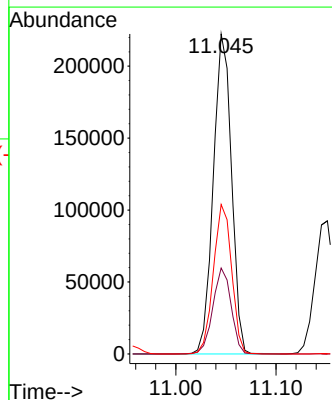
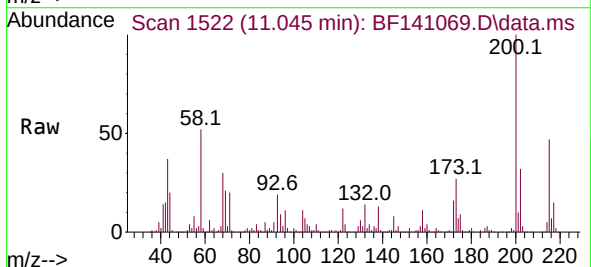
Instrument :
BNA_F
ClientSampleId :
341-349MSD

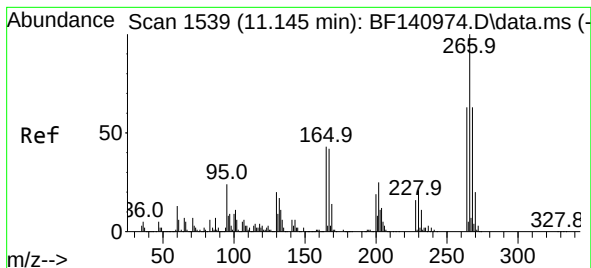
Tgt Ion:284 Resp: 529329
Ion Ratio Lower Upper
284 100
142 33.0 27.1 40.7
249 30.8 25.1 37.7



#69
Atrazine
Concen: 31.982 ng
RT: 11.045 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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# 1539

Delta R.T. 0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

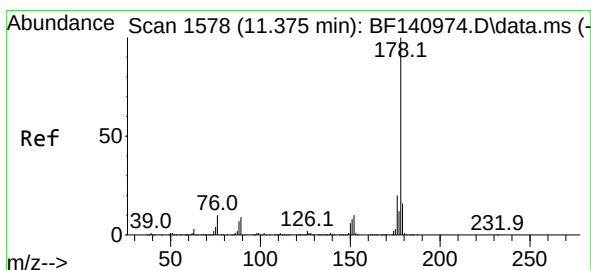
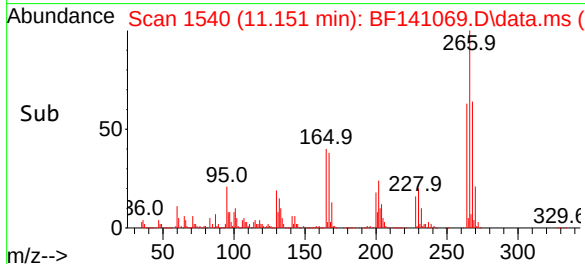
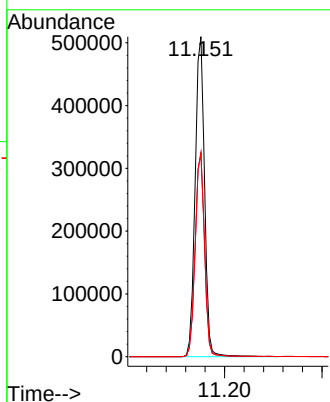
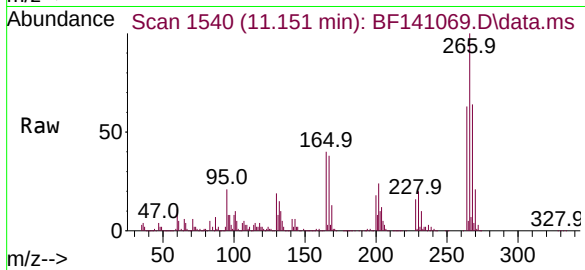
Tgt Ion:266 Resp: 688626

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

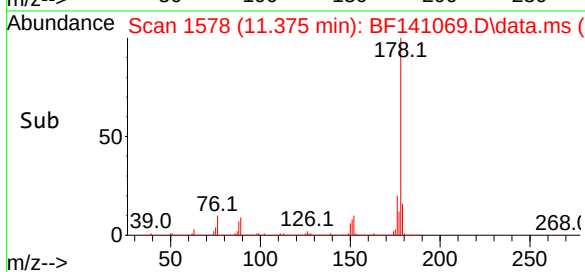
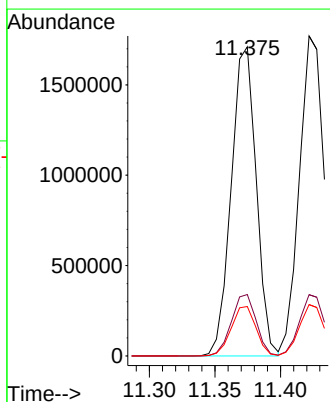
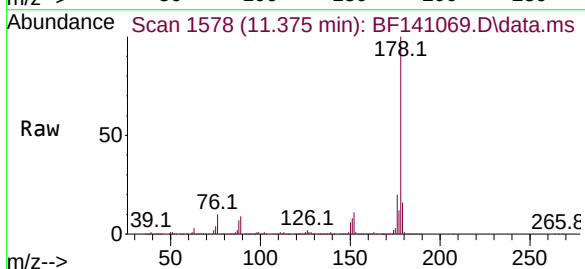
Tgt Ion:178 Resp: 2273864

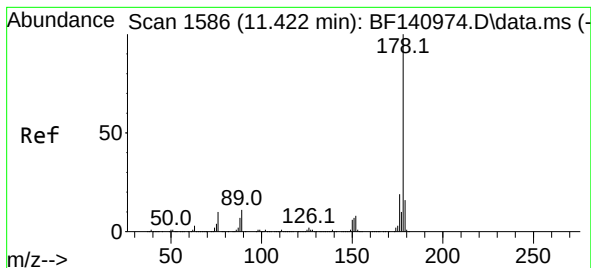
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

341-349MSD

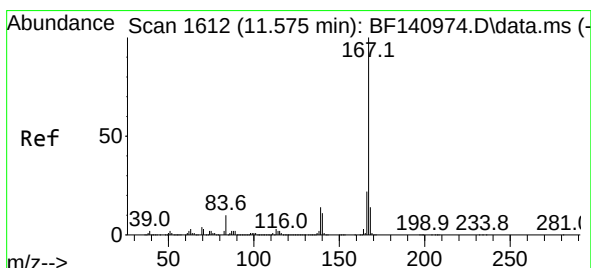
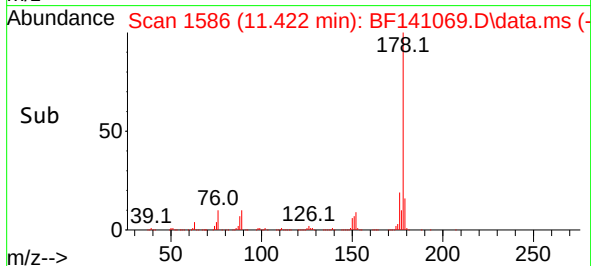
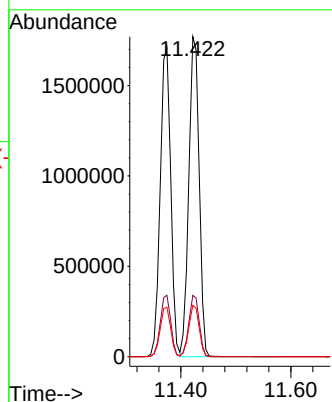
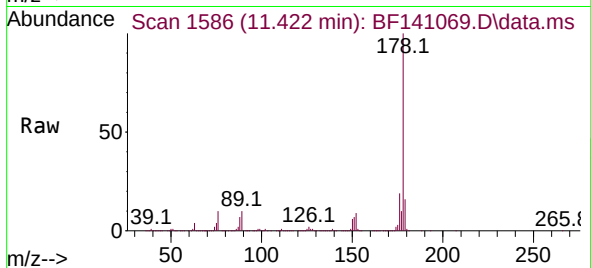
Tgt Ion:178 Resp: 2315063

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# 1612

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

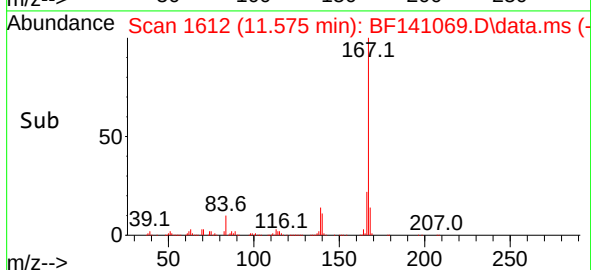
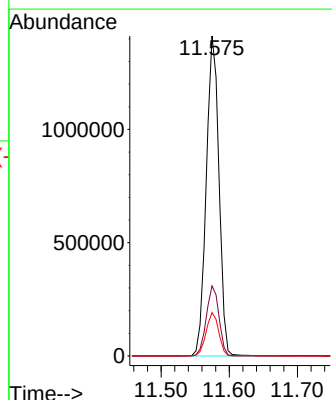
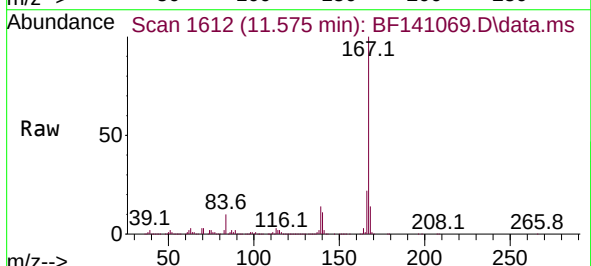
Tgt Ion:167 Resp: 1830184

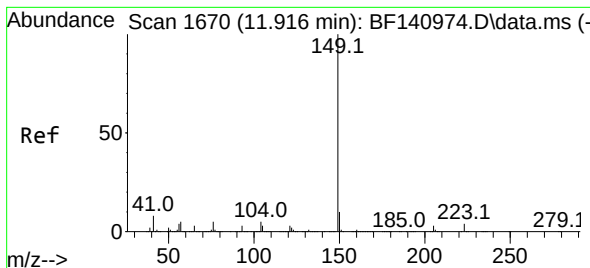
Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.6 11.0 16.4

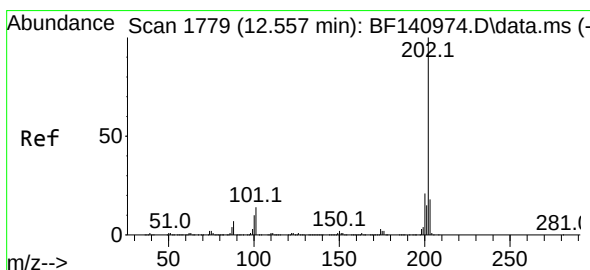
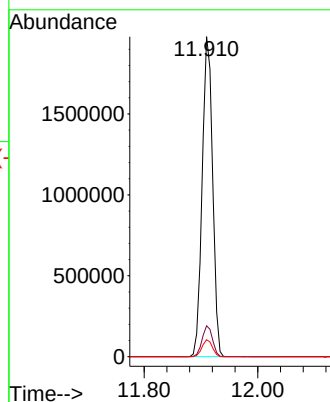
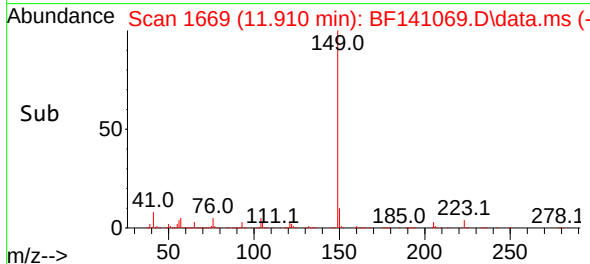
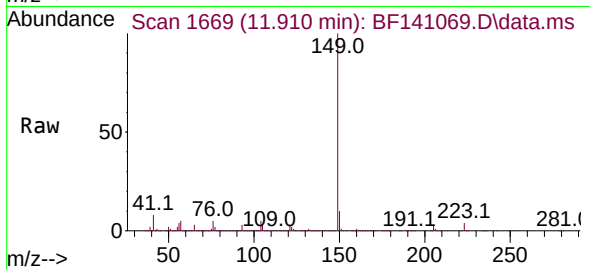




#74
Di-n-butylphthalate
Concen: 44.909 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

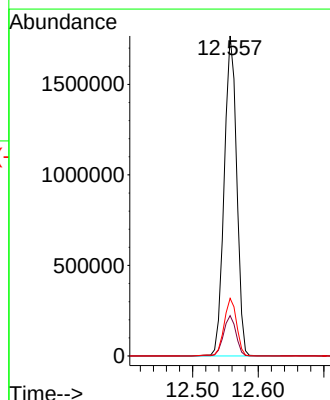
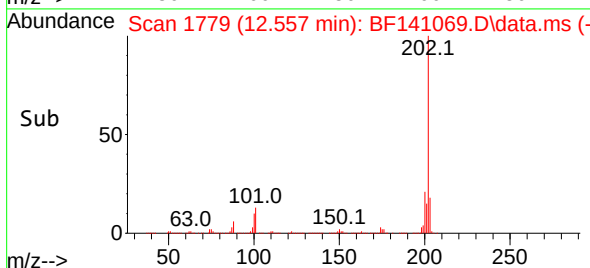
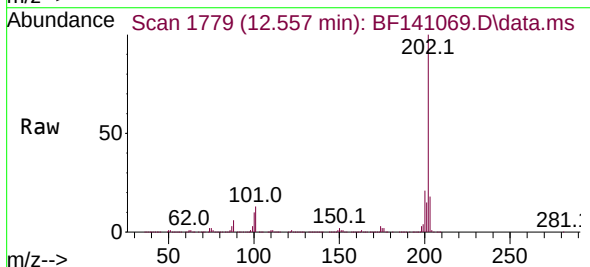
Instrument :
BNA_F
ClientSampleId :
341-349MSD

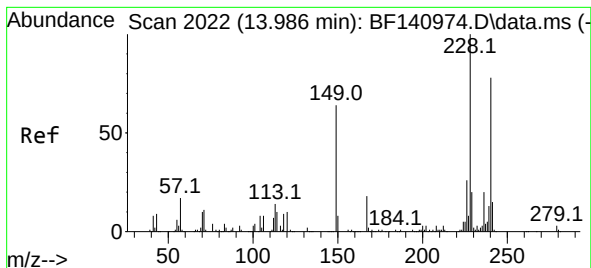
Tgt Ion:149 Resp: 2519807
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.3 4.1 6.1



#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

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# 20

Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

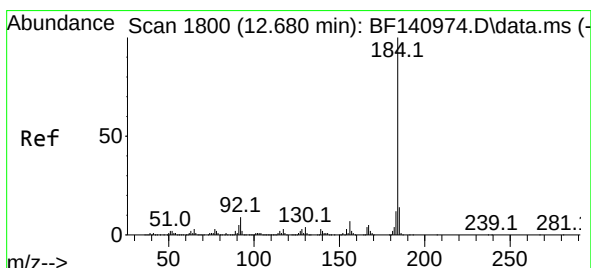
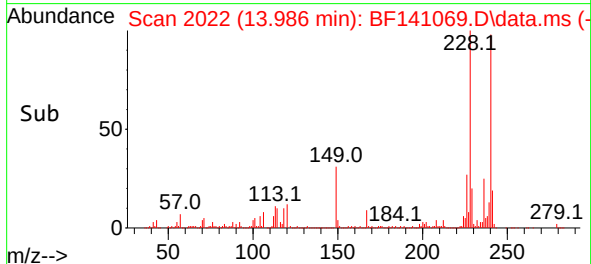
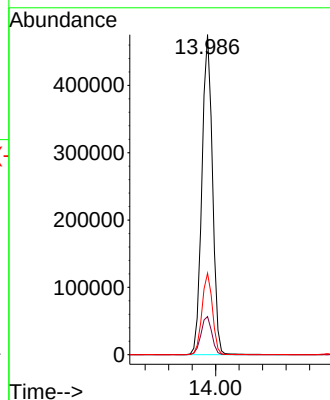
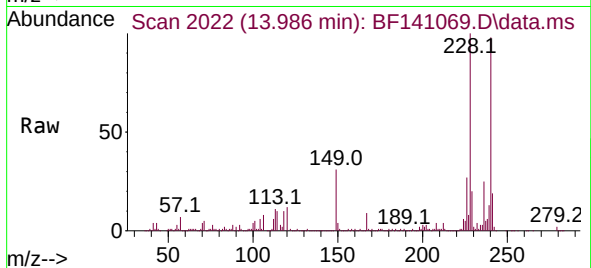
Tgt Ion:240 Resp: 590322

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# 1801

Delta R.T. 0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

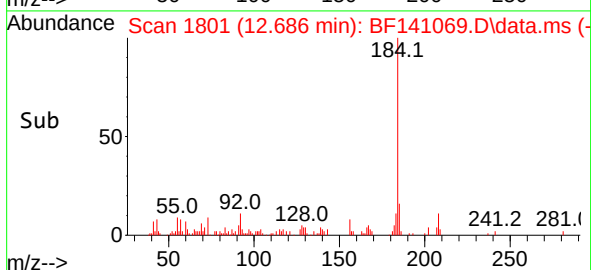
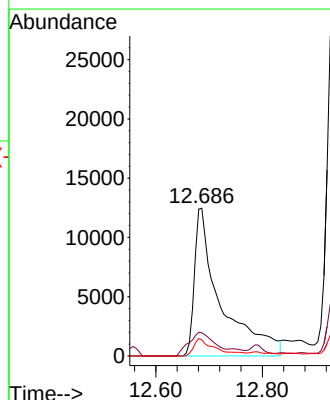
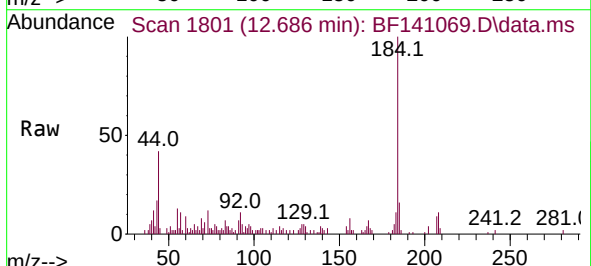
Tgt Ion:184 Resp: 42575

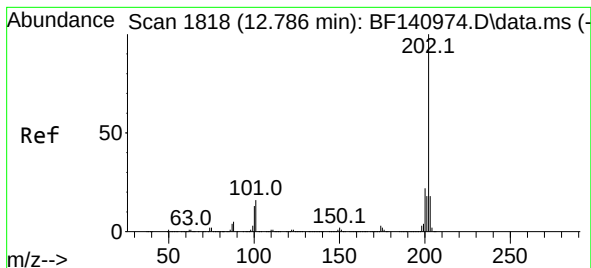
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

341-349MSD

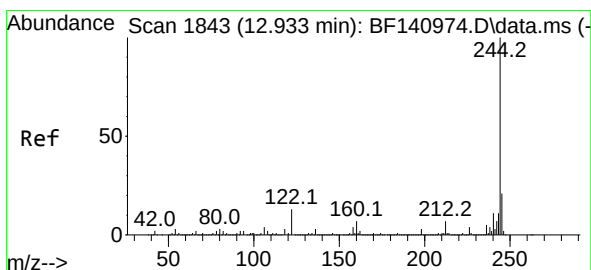
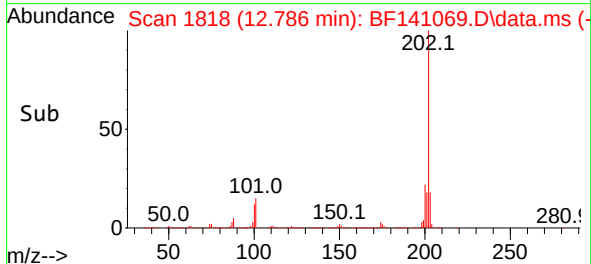
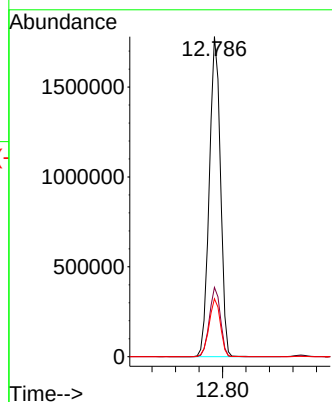
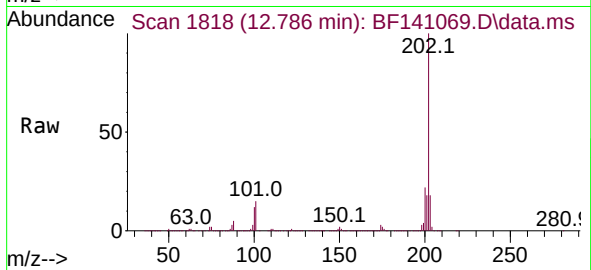
Tgt Ion:202 Resp: 2332307

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

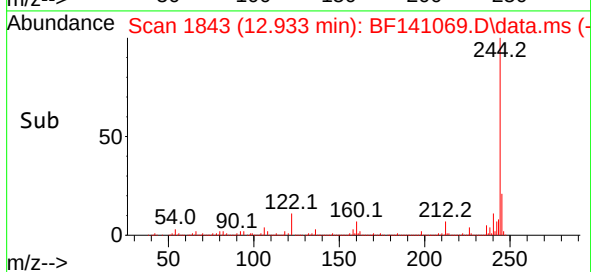
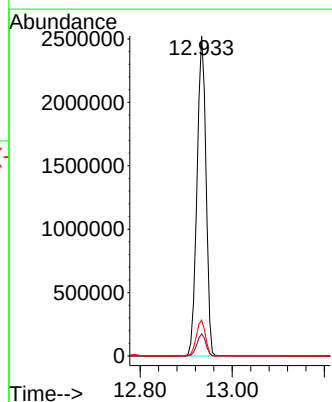
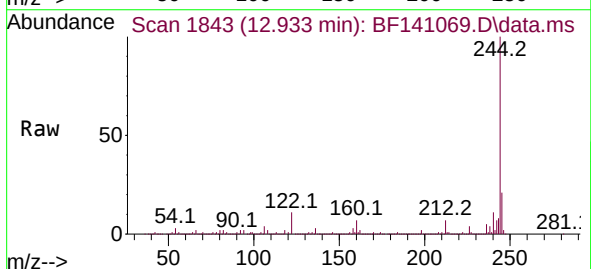
Tgt Ion:244 Resp: 3400977

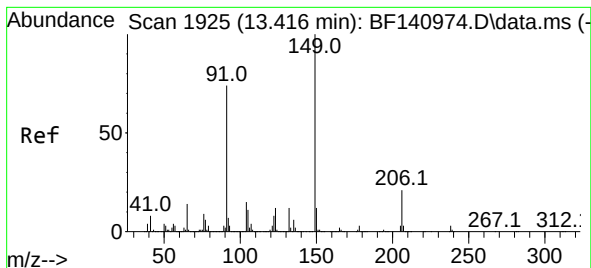
Ion Ratio Lower Upper

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# 1925

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

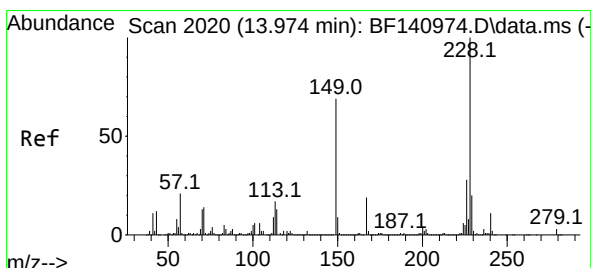
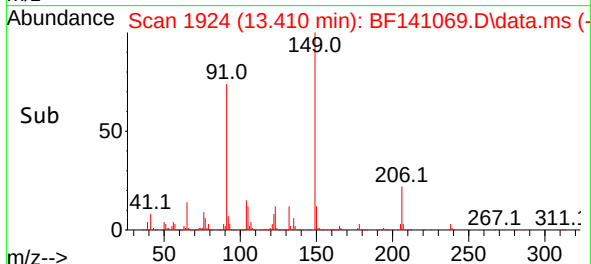
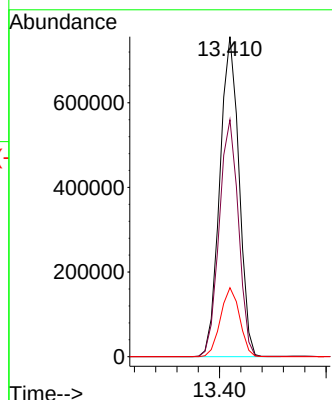
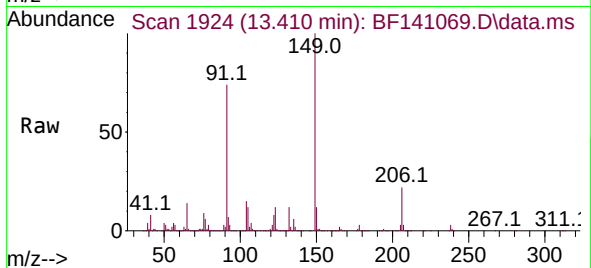
Instrument :

BNA_F

ClientSampleId :

341-349MSD

Tgt Ion:149	Resp: 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

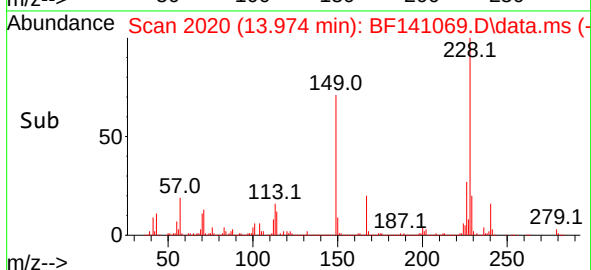
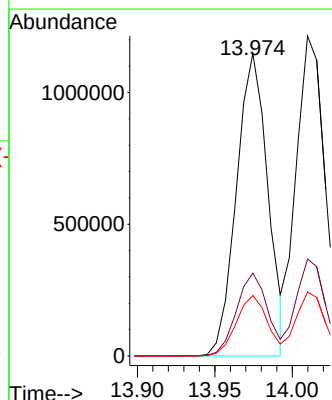
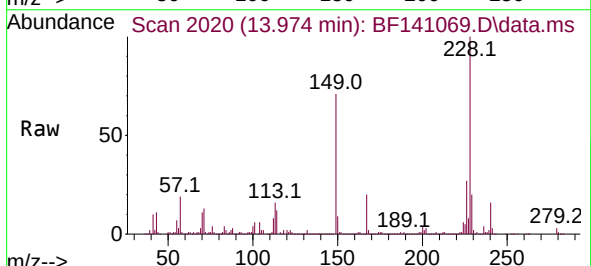
RT: 13.974 min Scan# 2020

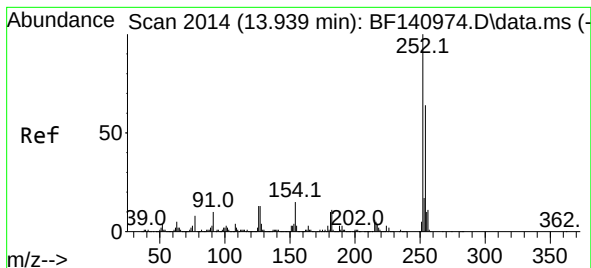
Delta R.T. 0.000 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

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

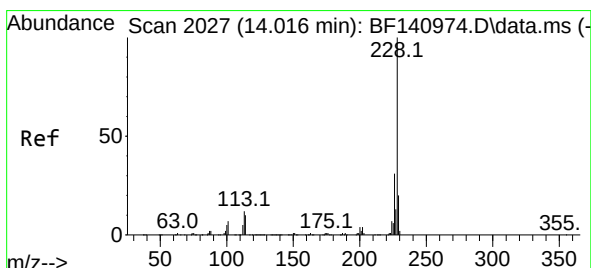
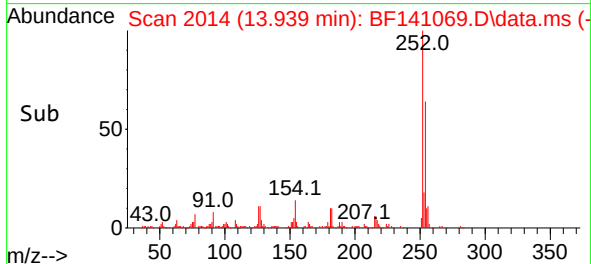
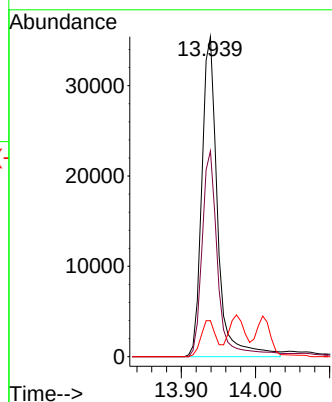
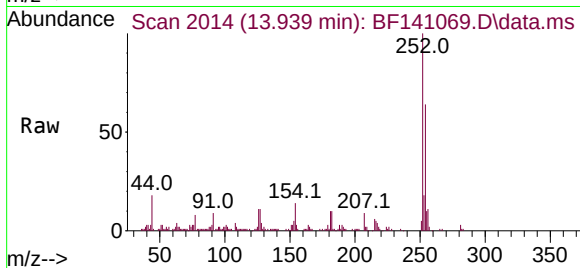




#82
 3,3'-Dichlorobenzidine
 Concen: 4.238 ng
 RT: 13.939 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: BF141069.D
 Acq: 03 Jan 2025 15:55

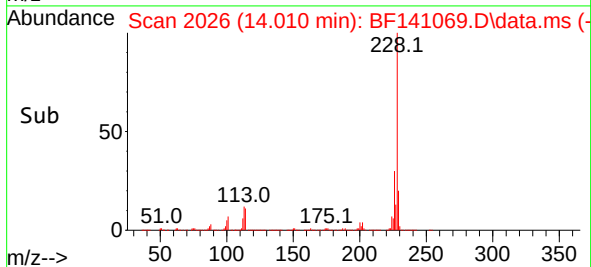
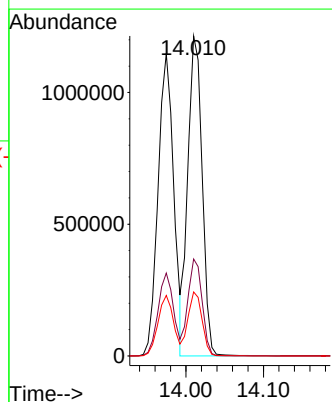
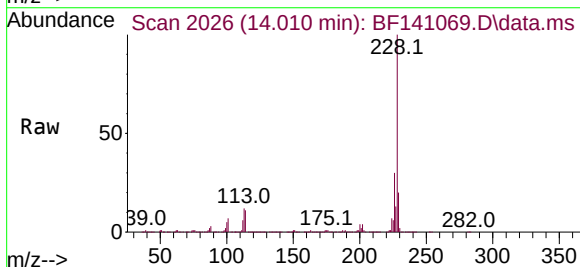
Instrument :
 BNA_F
 ClientSampleId :
 341-349MSD

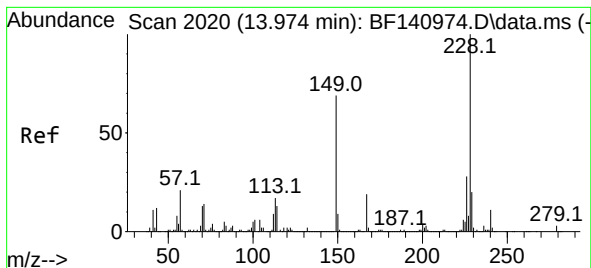
Tgt Ion:252 Resp: 52387
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 11.3 10.3 15.5



#83
 Chrysene
 Concen: 42.087 ng
 RT: 14.010 min Scan# 2026
 Delta R.T. -0.006 min
 Lab File: BF141069.D
 Acq: 03 Jan 2025 15:55

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

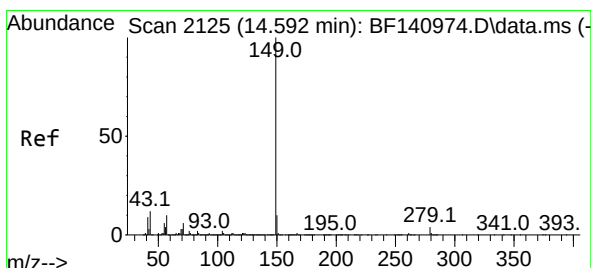
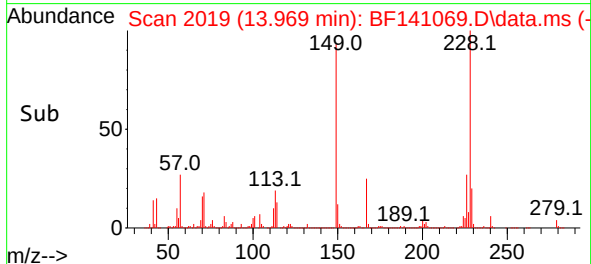
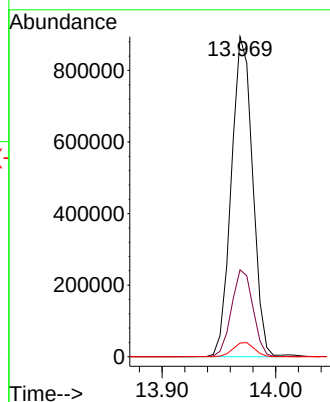
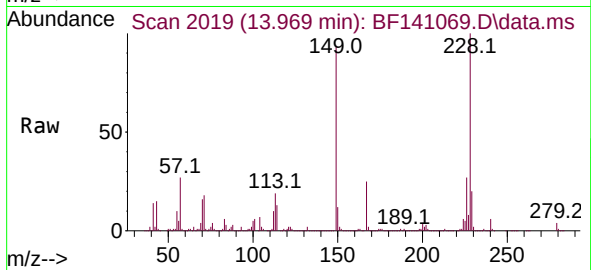




#84
Bis(2-ethylhexyl)phthalate
Concen: 47.553 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

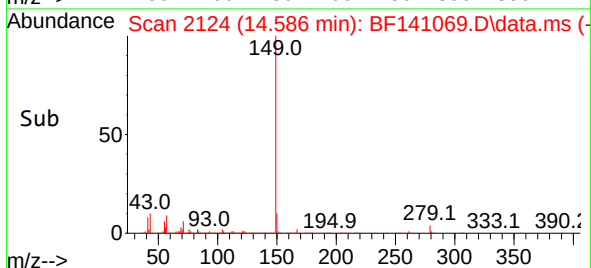
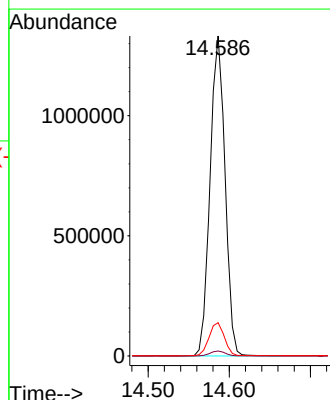
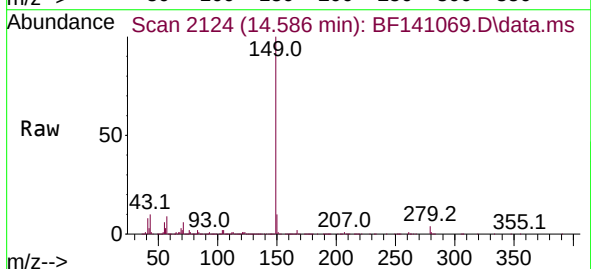
Instrument :
BNA_F
ClientSampleId :
341-349MSD

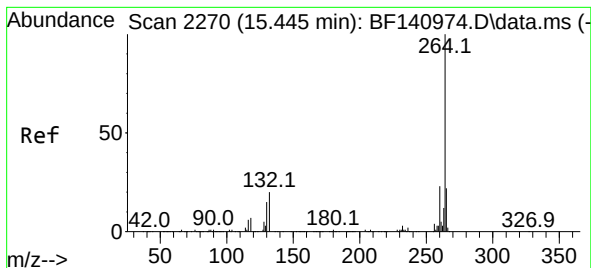
Tgt Ion:149 Resp: 1162869
Ion Ratio Lower Upper
149 100
167 27.2 21.6 32.4
279 4.3 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 48.079 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BF141069.D
Acq: 03 Jan 2025 15:55

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# 21

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

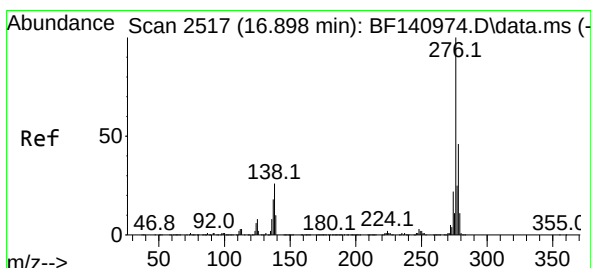
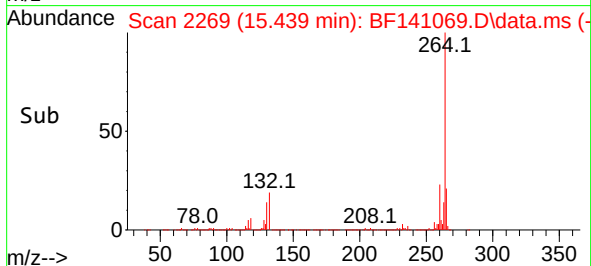
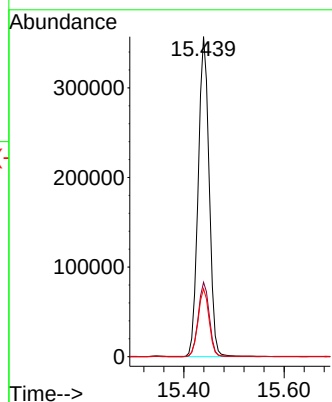
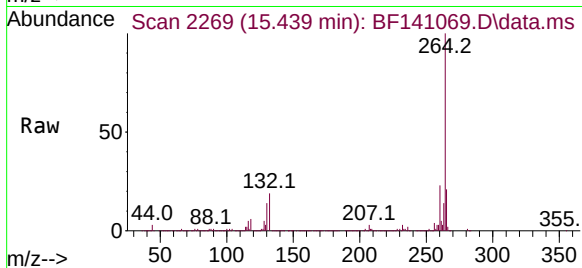
Tgt Ion:264 Resp: 540826

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# 2516

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

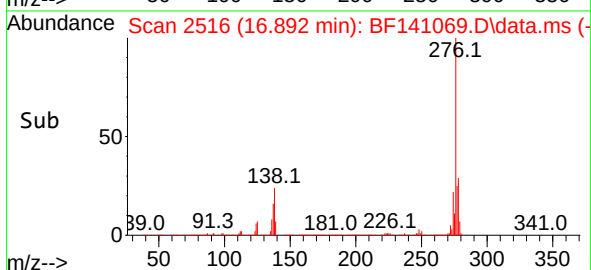
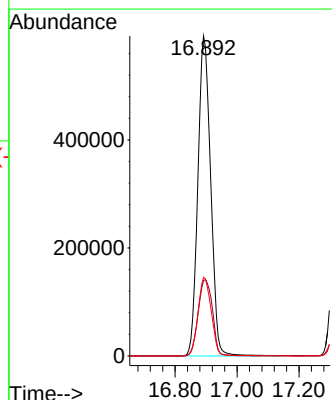
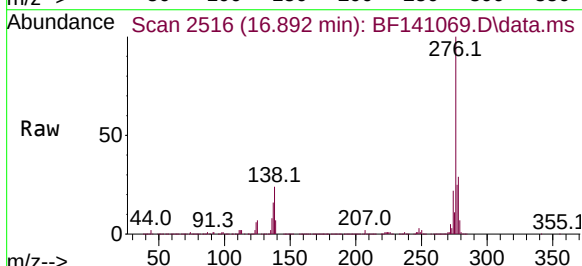
Tgt Ion:276 Resp: 1696794

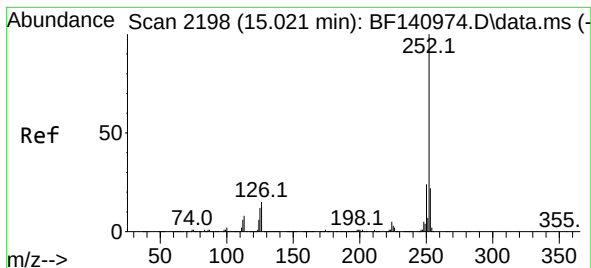
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

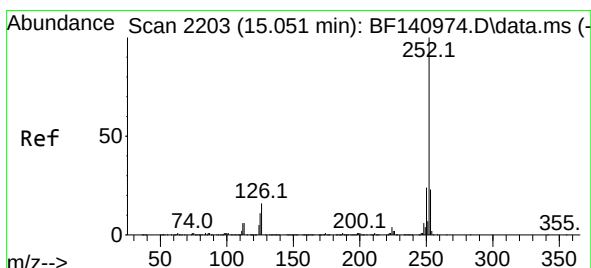
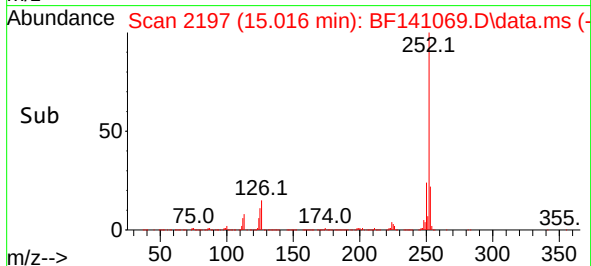
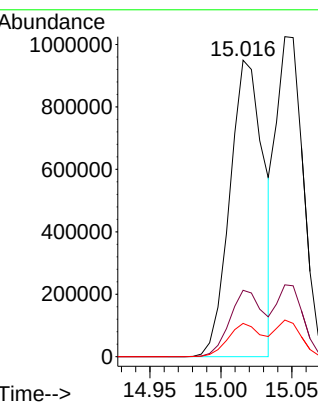
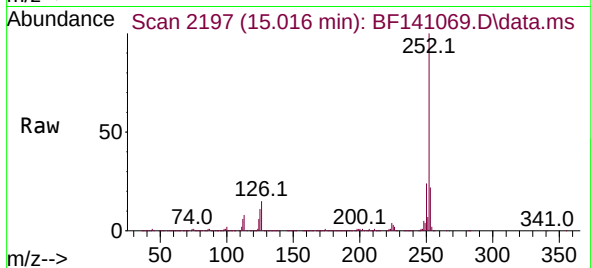
Tgt Ion:252 Resp: 1572325

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# 2202

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

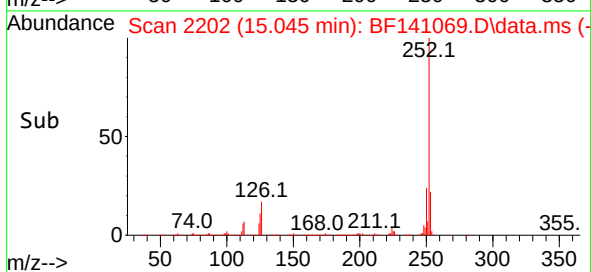
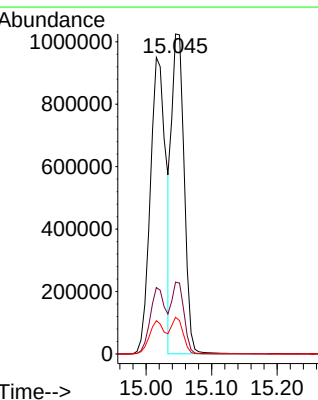
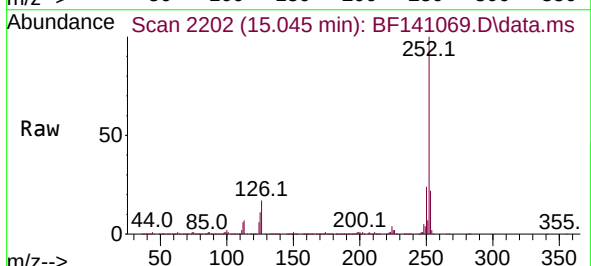
Tgt Ion:252 Resp: 1358809

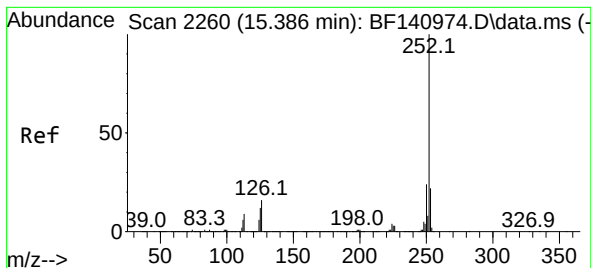
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.006 min

Lab File: BF141069.D

Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD

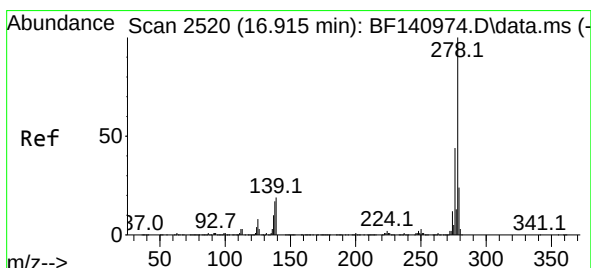
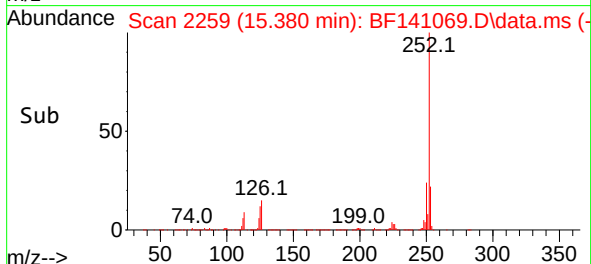
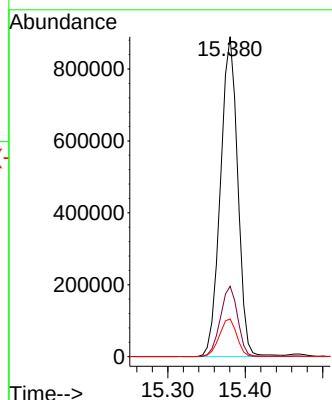
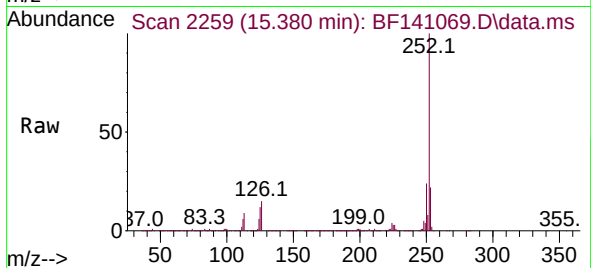
Tgt Ion:252 Resp: 1378688

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

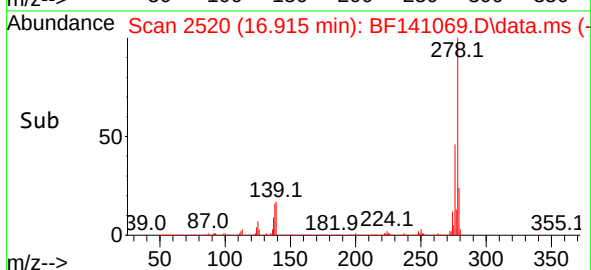
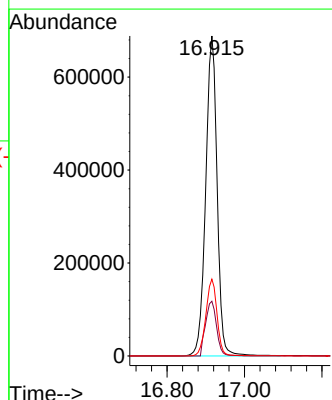
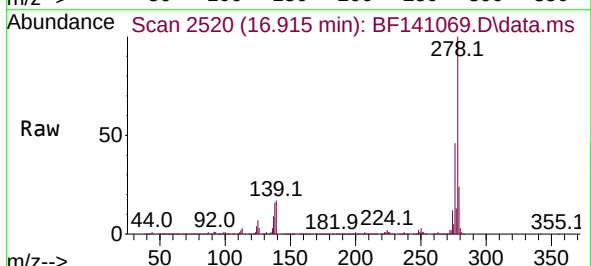
Tgt Ion:278 Resp: 1409603

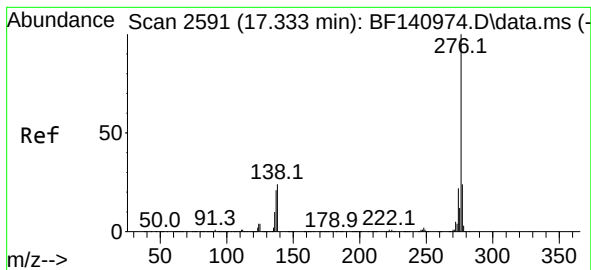
Ion Ratio Lower Upper

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# 2

Delta R.T. 0.000 min

Lab File: BF141069.D

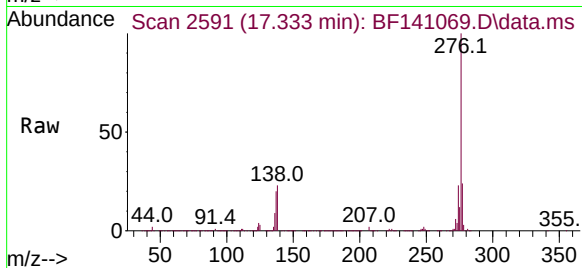
Acq: 03 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

341-349MSD



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

