

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
 Data File : BF141068.D
 Acq On : 03 Jan 2025 15:29
 Operator : RC/JU
 Sample : P5398-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 341-349MS

Quant Time: Jan 03 15:49:50 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	222417	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	884436	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	490192	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	852512	20.000	ng	0.00
76) Chrysene-d12	13.986	240	505955	20.000	ng	0.00
86) Perylene-d12	15.439	264	467838	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1807462	122.496	ng	0.02
7) Phenol-d6	6.451	99	2219775	116.782	ng	0.00
23) Nitrobenzene-d5	7.392	82	1551337	112.220	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	800405	168.038	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2794769	90.837	ng	0.00
79) Terphenyl-d14	12.933	244	3339279	109.625	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.763	88	294481	44.083	ng	# 82
3) Pyridine	3.457	79	543968	33.321	ng	97
4) n-Nitrosodimethylamine	3.393	42	373553	45.161	ng	99
6) Aniline	6.492	93	226951	13.388	ng	99
8) 2-Chlorophenol	6.610	128	768521	49.402	ng	97
10) Phenol	6.469	94	828878	42.172	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	726209	45.760	ng	97
12) 1,3-Dichlorobenzene	6.769	146	773066	45.028	ng	99
13) 1,4-Dichlorobenzene	6.845	146	789847	45.637	ng	99
14) 1,2-Dichlorobenzene	6.998	146	749089	46.421	ng	98
15) Benzyl Alcohol	6.969	79	630766	46.179	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1085399	45.225	ng	98
17) 2-Methylphenol	7.075	107	611002	47.276	ng	100
18) Hexachloroethane	7.339	117	283747	46.152	ng	100
19) n-Nitroso-di-n-propyla...	7.239	70	533086	45.779	ng	99
20) 3+4-Methylphenols	7.228	107	743249	45.445	ng	# 89
22) Acetophenone	7.234	105	997506	45.975	ng	96
24) Nitrobenzene	7.410	77	792326	51.293	ng	95
25) Isophorone	7.645	82	1439441	47.851	ng	100
26) 2-Nitrophenol	7.722	139	389090	59.977	ng	99
27) 2,4-Dimethylphenol	7.757	122	634389	57.703	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	884104	46.387	ng	99
29) 2,4-Dichlorophenol	7.963	162	624149	50.057	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	641623	45.464	ng	99
31) Naphthalene	8.128	128	2153998	46.219	ng	99
32) Benzoic acid	7.869	122	483957	52.611	ng	96
33) 4-Chloroaniline	8.175	127	65949	3.912	ng	99
34) Hexachlorobutadiene	8.245	225	381742	45.883	ng	99
35) Caprolactam	8.539	113	196162m	46.277	ng	
36) 4-Chloro-3-methylphenol	8.657	107	688642	49.731	ng	98
37) 2-Methylnaphthalene	8.816	142	1427181	47.869	ng	100
38) 1-Methylnaphthalene	8.916	142	1349569	46.059	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	629921	46.710	ng	99
41) Hexachlorocyclopentadiene	8.975	237	700948	156.845	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	475104	52.933	ng	99
44) 2,4,5-Trichlorophenol	9.133	196	459233	50.005	ng	99

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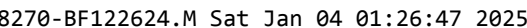
Instrument :
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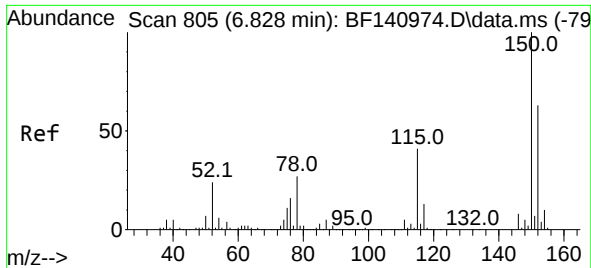
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.280	154	1756015	46.785	ng	100
47) 2-Chloronaphthalene	9.310	162	1337841	45.958	ng	99
48) 2-Nitroaniline	9.398	65	422149	54.715	ng	96
49) Acenaphthylene	9.722	152	2089023	49.851	ng	99
50) Dimethylphthalate	9.586	163	1622820	50.330	ng	100
51) 2,6-Dinitrotoluene	9.645	165	363147	54.677	ng	94
52) Acenaphthene	9.892	154	1543424	54.480	ng	100
53) 3-Nitroaniline	9.810	138	65207	11.763	ng	# 96
54) 2,4-Dinitrophenol	9.916	184	397911	122.140	ng	# 1
55) Dibenzofuran	10.069	168	1908921	47.947	ng	99
56) 4-Nitrophenol	9.969	139	596205	108.097	ng	96
57) 2,4-Dinitrotoluene	10.045	165	500332	60.851	ng	97
58) Fluorene	10.410	166	1439303	46.620	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	417063	54.834	ng	99
60) Diethylphthalate	10.286	149	1583109	49.734	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	701137	47.197	ng	97
62) 4-Nitroaniline	10.422	138	289158	41.001	ng	95
63) Azobenzene	10.563	77	1566617	46.889	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	267625	72.753	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1177534	43.863	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	473899	51.422	ng	97
68) Hexachlorobenzene	10.957	284	514039	50.585	ng	98
69) Atrazine	11.045	200	288520	38.471	ng	100
70) Pentachlorophenol	11.151	266	675946	106.838	ng	100
71) Phenanthrene	11.374	178	2233267	49.774	ng	100
72) Anthracene	11.422	178	2261896	51.447	ng	100
73) Carbazole	11.574	167	1791109	42.378	ng	100
74) Di-n-butylphthalate	11.910	149	2457636	51.124	ng	100
75) Fluoranthene	12.557	202	2284394	46.943	ng	99
77) Benzidine	12.680	184	43852	4.101	ng	97
78) Pyrene	12.786	202	2293039	51.820	ng	100
80) Butylbenzylphthalate	13.410	149	941179	58.249	ng	98
81) Benzo(a)anthracene	13.974	228	1597839	45.313	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	52459	4.952	ng	98
83) Chrysene	14.010	228	1542099	48.513	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	1130411	53.934	ng	100
85) Di-n-octyl phthalate	14.586	149	1652856	54.487	ng	98
87) Indeno(1,2,3-cd)pyrene	16.892	276	1726993	58.592	ng	98
88) Benzo(b)fluoranthene	15.015	252	1573568	48.226	ng	100
89) Benzo(k)fluoranthene	15.045	252	1323643	51.759	ng	99
90) Benzo(a)pyrene	15.380	252	1362744	53.808	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1414422	59.199	ng	98
92) Benzo(g,h,i)perylene	17.333	276	1268784	51.200	ng	98

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

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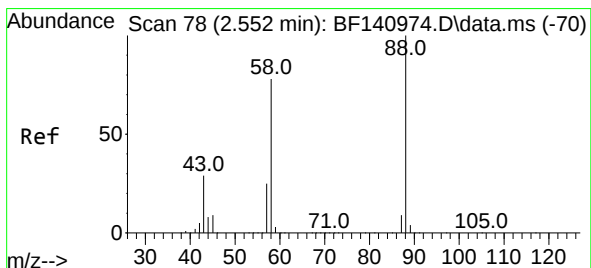
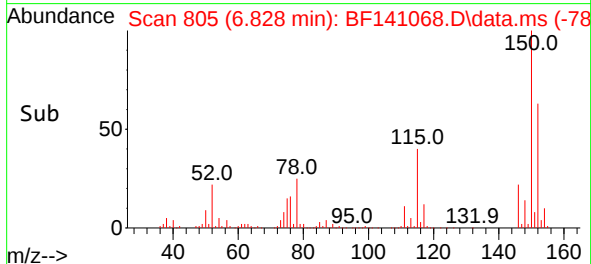
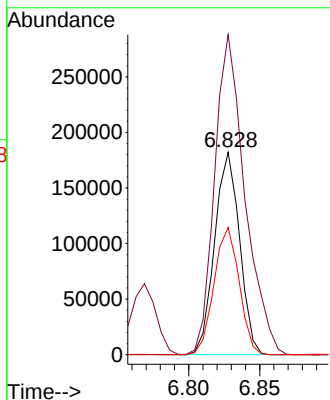
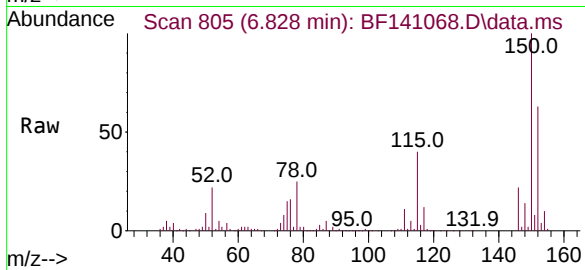




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141068.D
 Acq: 03 Jan 2025 15:29

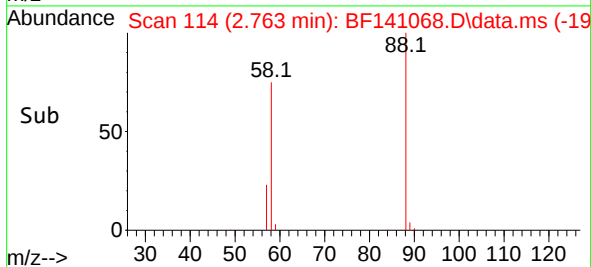
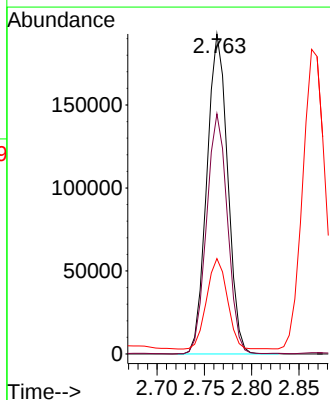
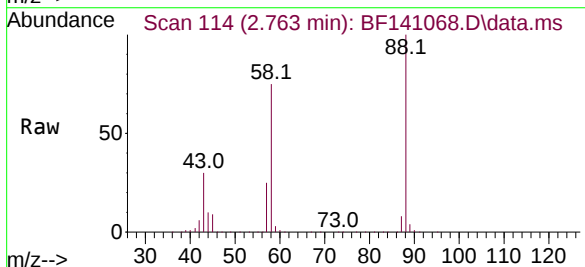
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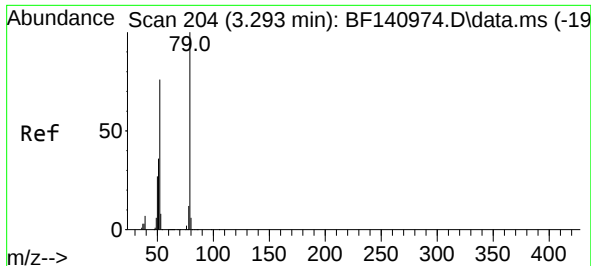
Tgt Ion:152 Resp: 222417
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.0 190.6
 115 62.9 51.7 77.5



#2
 1,4-Dioxane
 Concen: 44.083 ng
 RT: 2.763 min Scan# 114
 Delta R.T. 0.212 min
 Lab File: BF141068.D
 Acq: 03 Jan 2025 15:29

Tgt Ion: 88 Resp: 294481
 Ion Ratio Lower Upper
 88 100
 58 75.3 63.0 94.4
 43 0.0 23.4 35.2#

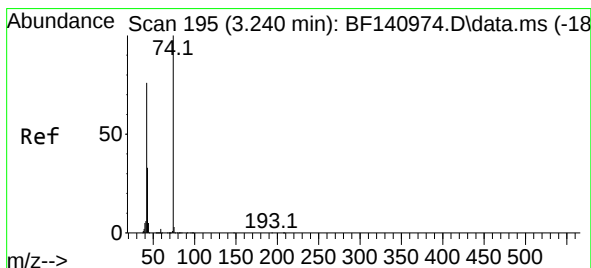
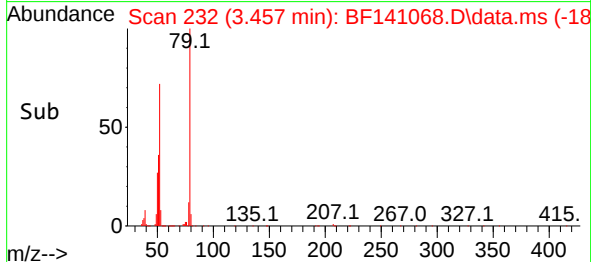
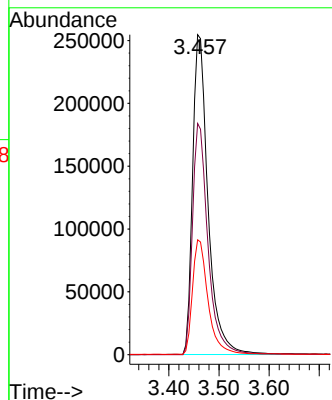
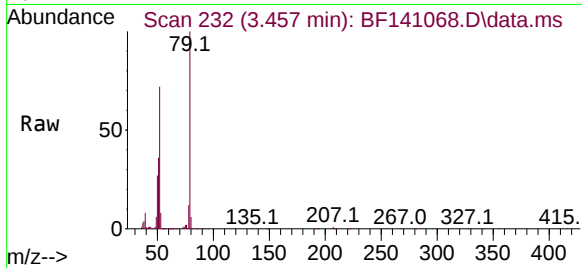




#3
 Pyridine
 Concen: 33.321 ng
 RT: 3.457 min Scan# 21
 Delta R.T. 0.165 min
 Lab File: BF141068.D
 Acq: 03 Jan 2025 15:29

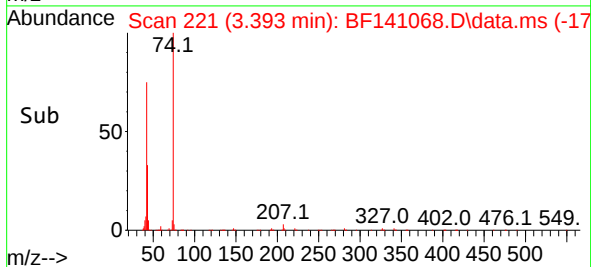
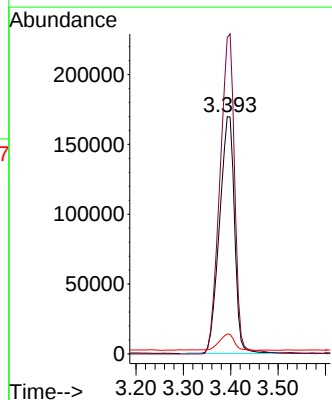
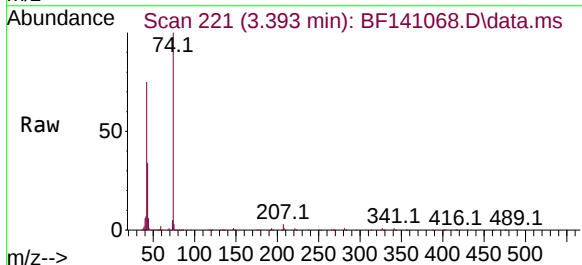
Instrument :
 BNA_F
 ClientSampleId :
 341-349MS

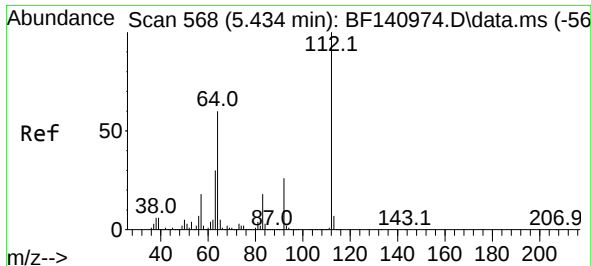
Tgt Ion: 79 Resp: 543968
 Ion Ratio Lower Upper
 79 100
 52 72.2 60.4 90.6
 51 35.9 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 45.161 ng
 RT: 3.393 min Scan# 221
 Delta R.T. 0.153 min
 Lab File: BF141068.D
 Acq: 03 Jan 2025 15:29

Tgt Ion: 42 Resp: 373553
 Ion Ratio Lower Upper
 42 100
 74 133.4 105.8 158.6
 44 8.4 6.6 10.0

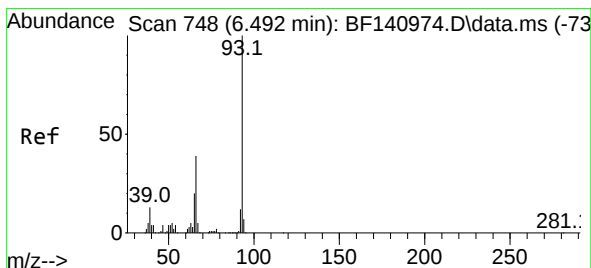
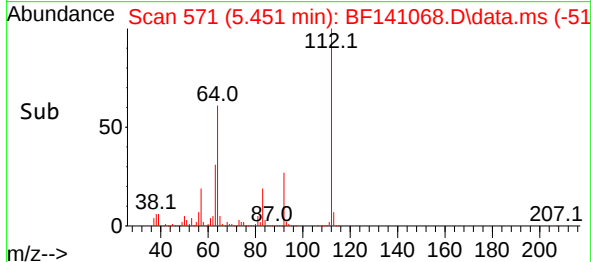
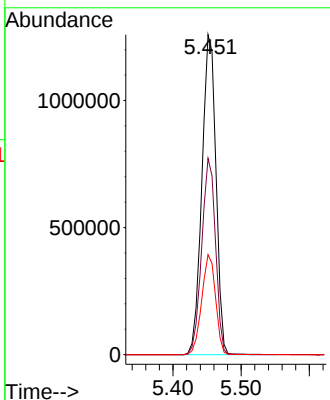
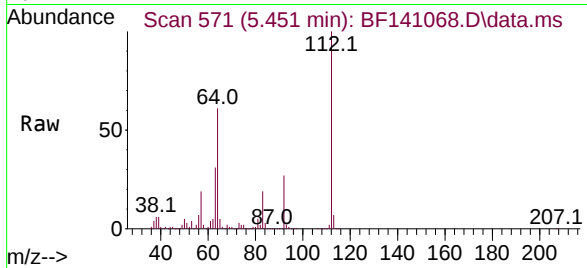




#5
2-Fluorophenol
Concen: 122.496 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

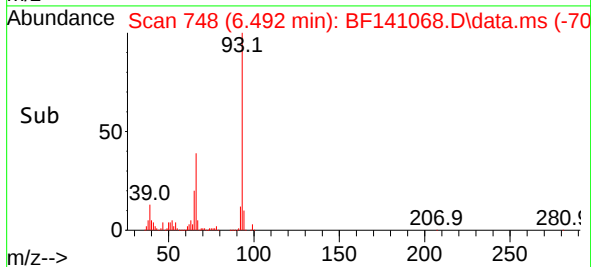
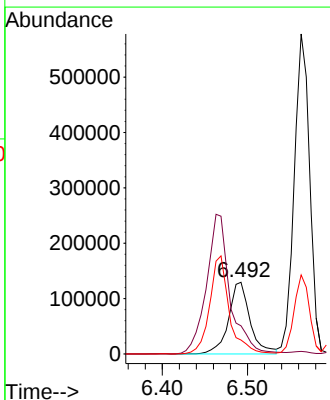
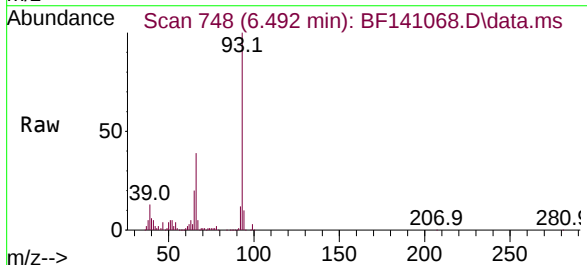
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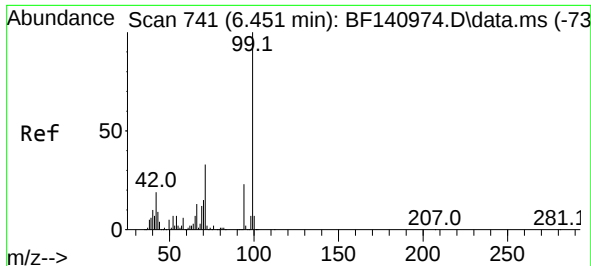
Tgt Ion:112 Resp: 1807462
Ion Ratio Lower Upper
112 100
64 61.3 47.7 71.5
63 31.2 24.2 36.2



#6
Aniline
Concen: 13.388 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion: 93 Resp: 226951
Ion Ratio Lower Upper
93 100
66 39.4 31.8 47.8
65 19.5 15.4 23.0

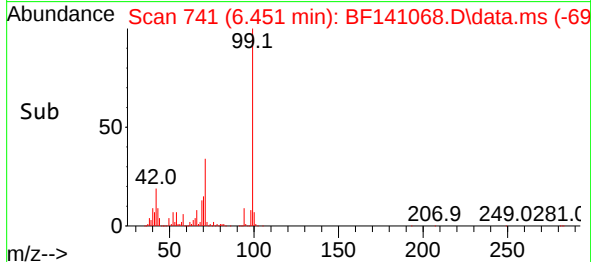
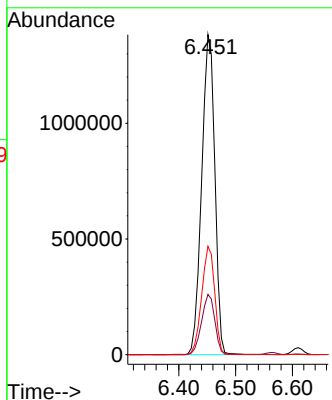
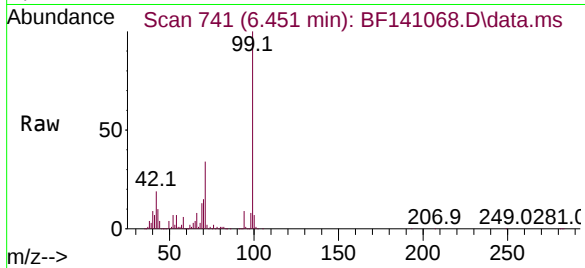




#7
Phenol-d6
Concen: 116.782 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

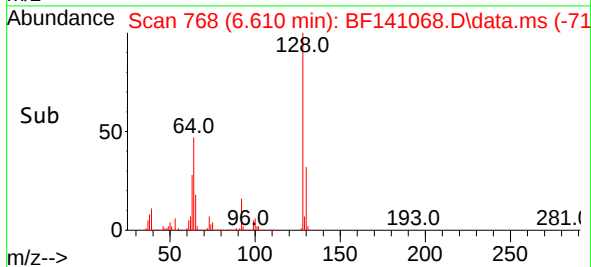
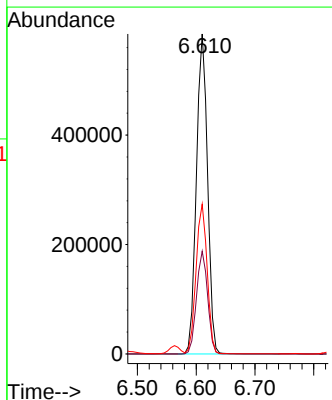
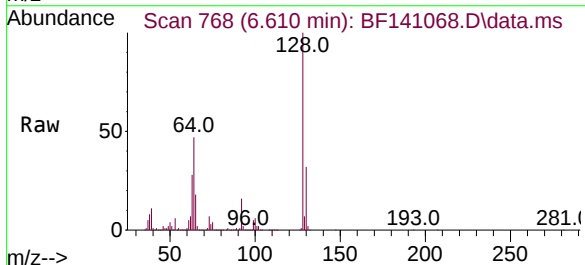
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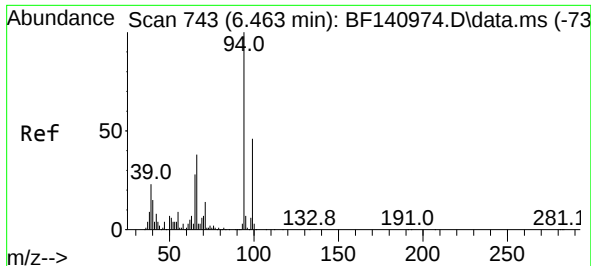
Tgt Ion: 99 Resp: 2219775
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 33.9 26.2 39.2



#8
2-Chlorophenol
Concen: 49.402 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion: 128 Resp: 768521
Ion Ratio Lower Upper
128 100
130 32.1 12.2 52.2
64 46.8 30.3 70.3

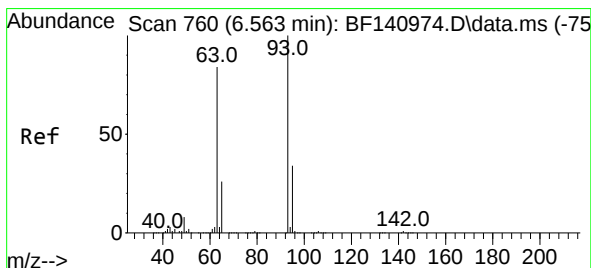
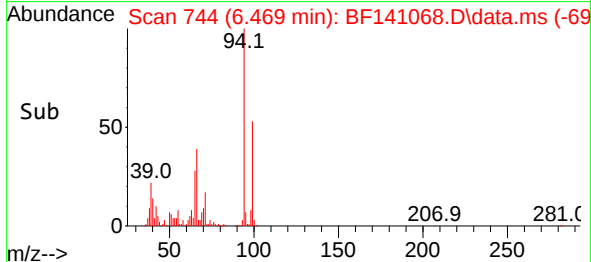
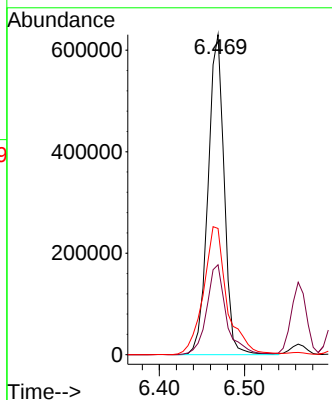
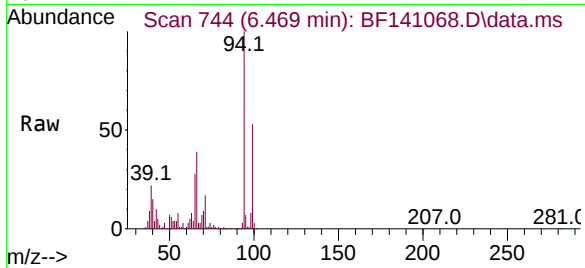




#10
Phenol
Concen: 42.172 ng
RT: 6.469 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

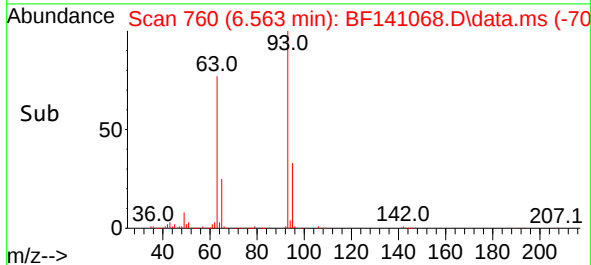
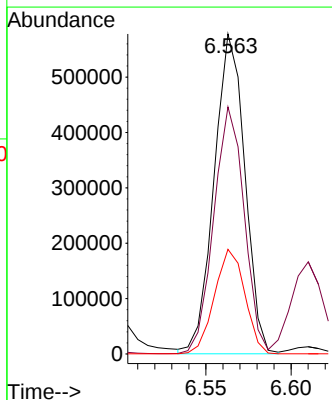
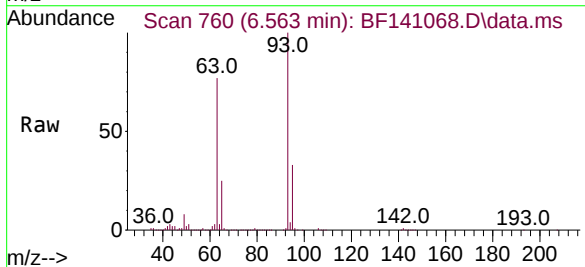
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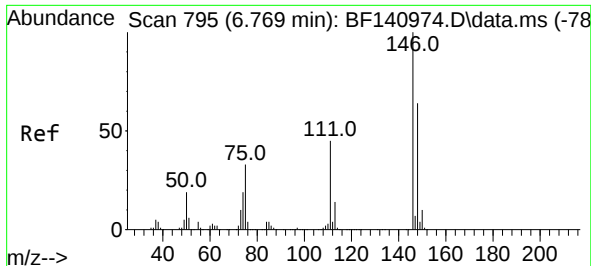
Tgt Ion: 94 Resp: 828878
Ion Ratio Lower Upper
94 100
65 28.1 8.1 48.1
66 39.4 18.7 58.7



#11
bis(2-Chloroethyl)ether
Concen: 45.760 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion: 93 Resp: 726209
Ion Ratio Lower Upper
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63 77.2 60.3 100.3
95 32.7 12.2 52.2

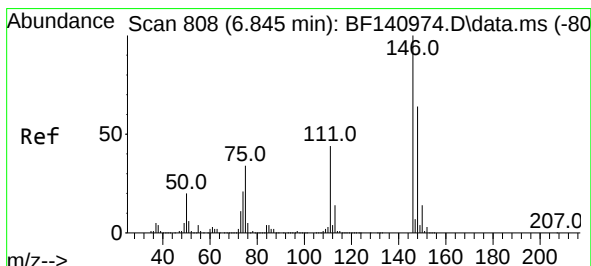
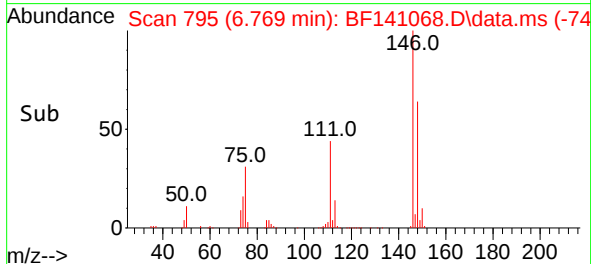
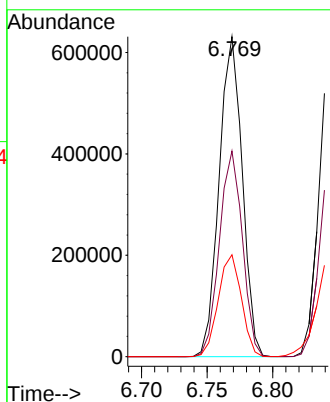
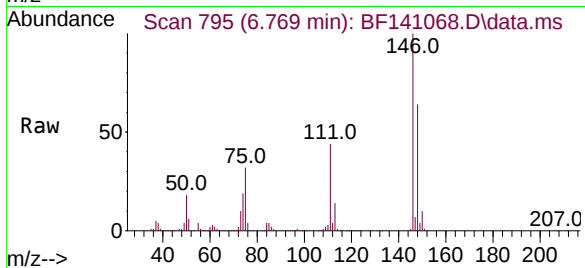




#12
1,3-Dichlorobenzene
Concen: 45.028 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

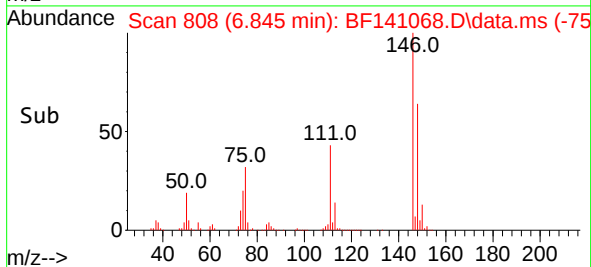
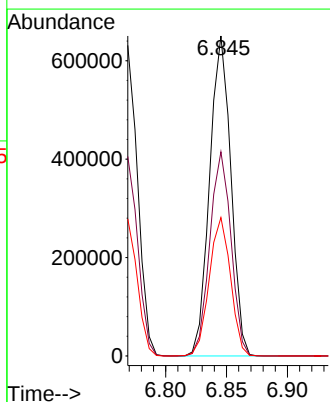
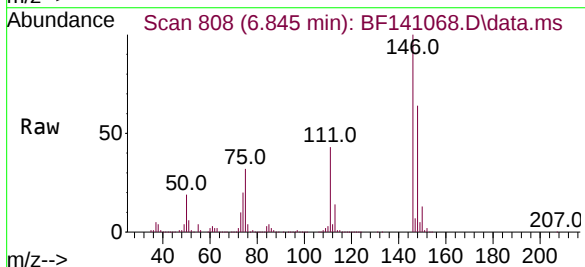
Instrument :
BNA_F
ClientSampleId :
341-349MS

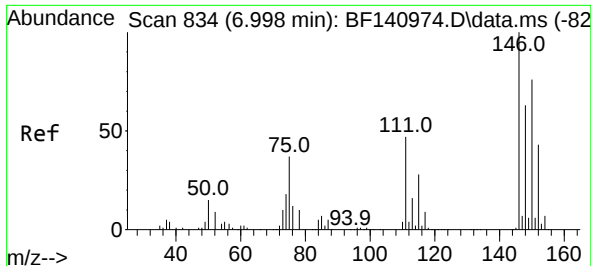
Tgt Ion:146 Resp: 773066
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 31.8 26.1 39.1



#13
1,4-Dichlorobenzene
Concen: 45.637 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:146 Resp: 789847
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 43.2 35.3 52.9

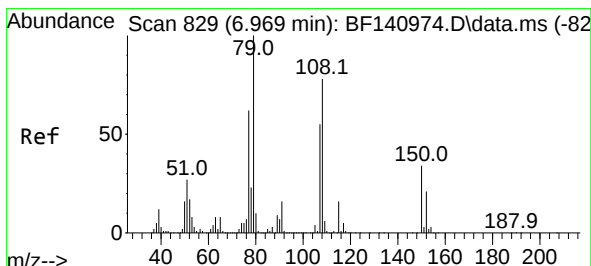
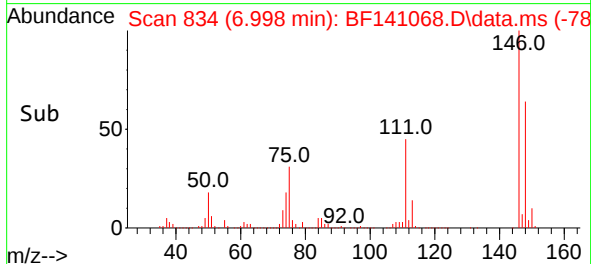
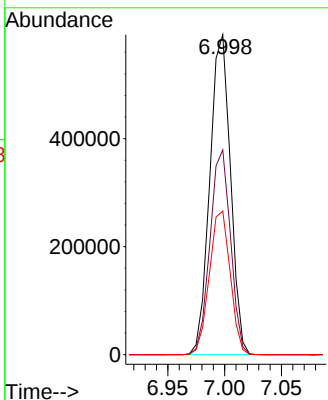
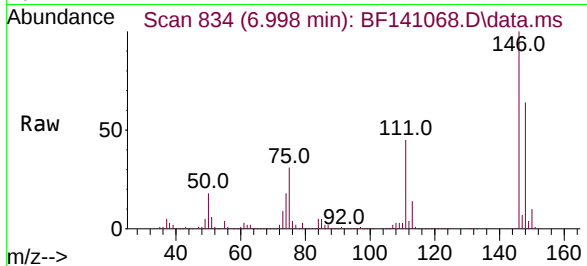




#14
1,2-Dichlorobenzene
Concen: 46.421 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

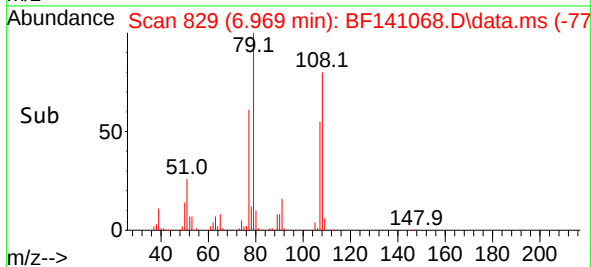
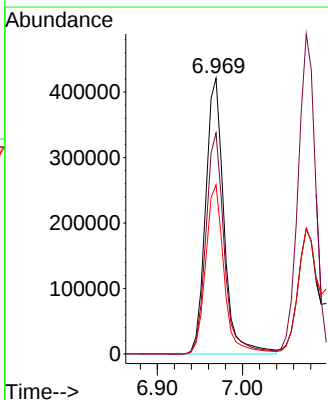
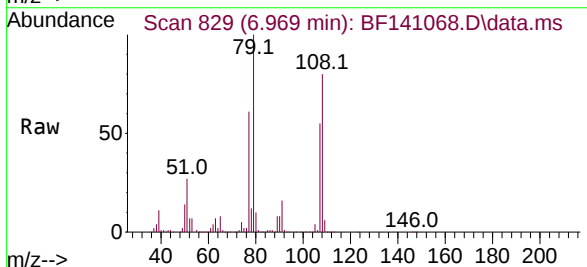
Instrument :
BNA_F
ClientSampleId :
341-349MS

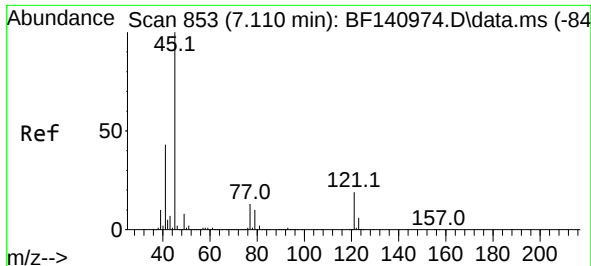
Tgt Ion:146 Resp: 749089
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 44.9 37.3 55.9



#15
Benzyl Alcohol
Concen: 46.179 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion: 79 Resp: 630766
Ion Ratio Lower Upper
79 100
108 80.2 62.5 93.7
77 61.3 49.3 73.9

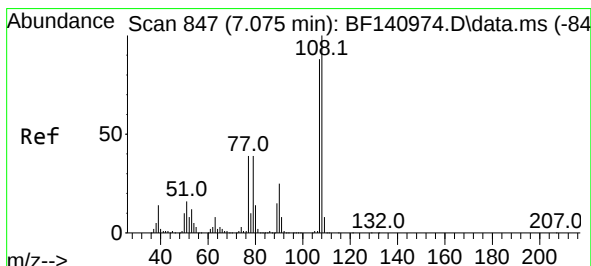
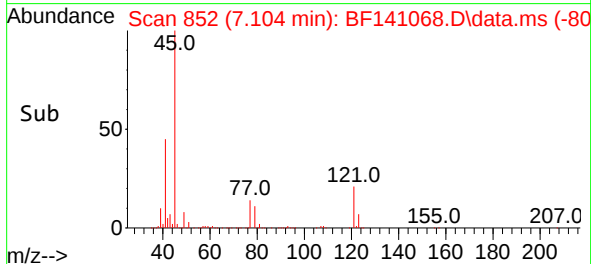
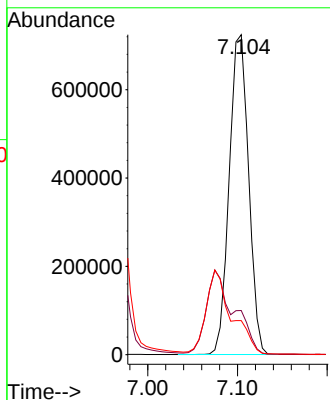
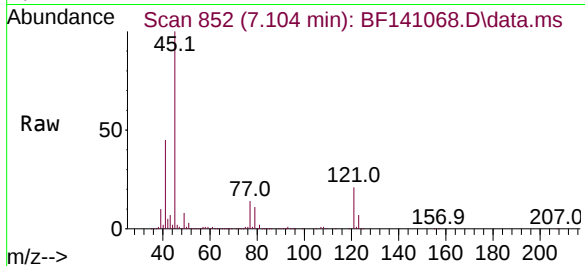




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.225 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

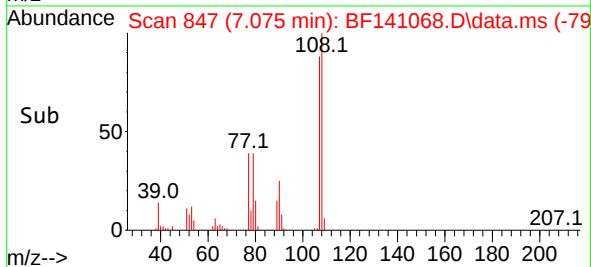
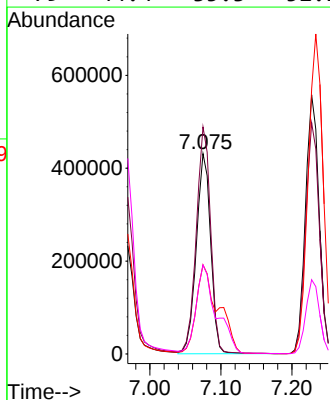
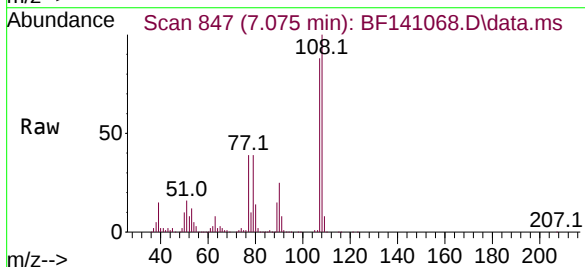
Instrument :
BNA_F
ClientSampleId :
341-349MS

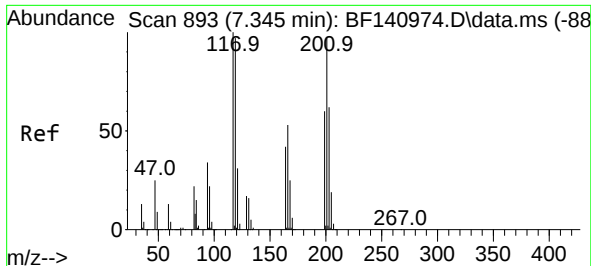
Tgt Ion: 45 Resp: 1085399
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.1
79 10.6 0.0 30.1



#17
2-Methylphenol
Concen: 47.276 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:107 Resp: 611002
Ion Ratio Lower Upper
107 100
108 113.3 90.6 136.0
77 44.5 35.3 52.9
79 44.4 35.3 52.9

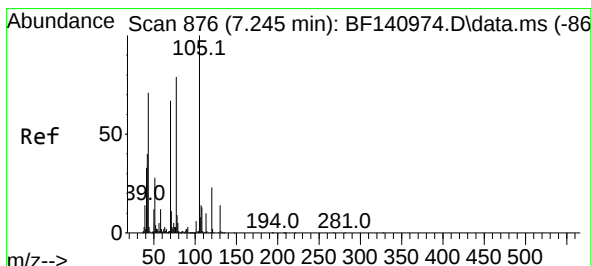
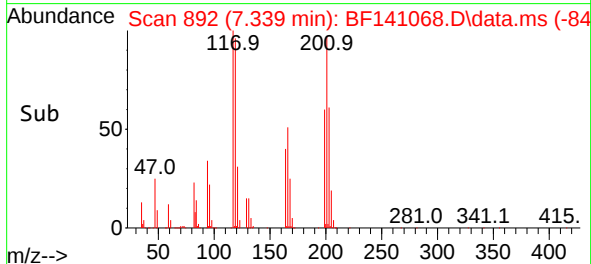
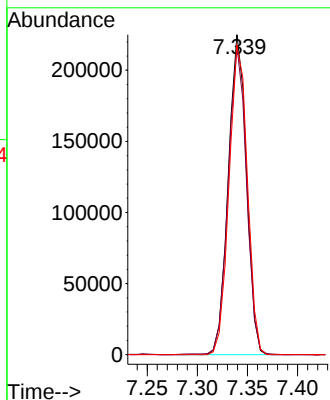
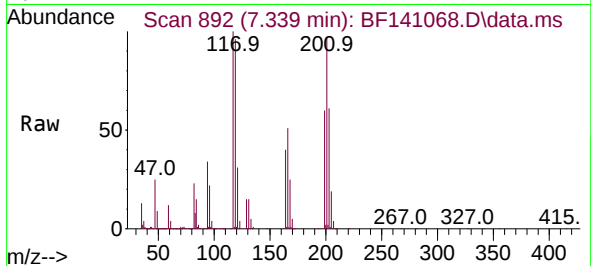




#18
Hexachloroethane
Concen: 46.152 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

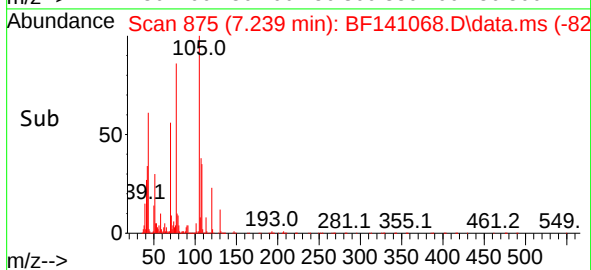
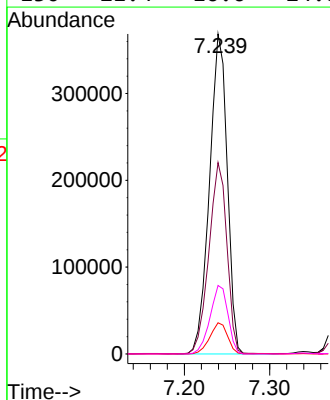
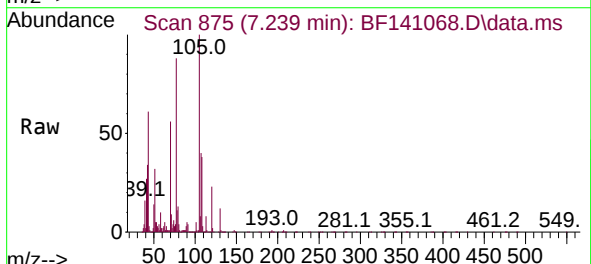
Instrument :
BNA_F
ClientSampleId :
341-349MS

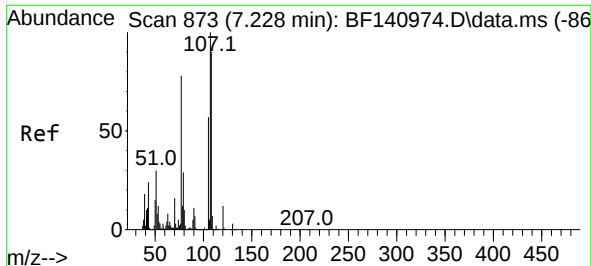
Tgt Ion:117 Resp: 283747
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 96.6 77.4 116.2



#19
n-Nitroso-di-n-propylamine
Concen: 45.779 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion: 70 Resp: 533086
Ion Ratio Lower Upper
70 100
42 59.8 48.1 72.1
101 9.8 7.6 11.4
130 21.4 16.6 24.8



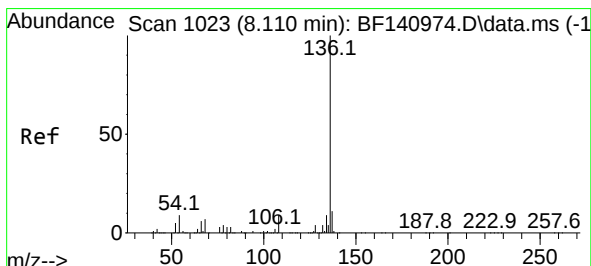
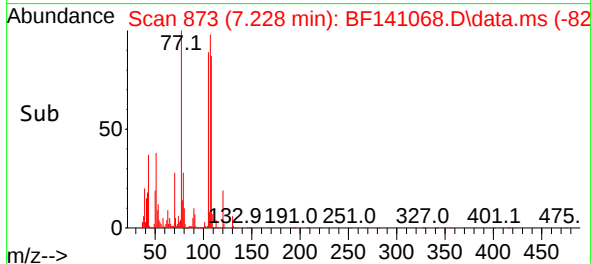
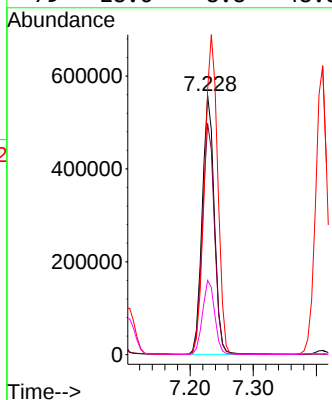
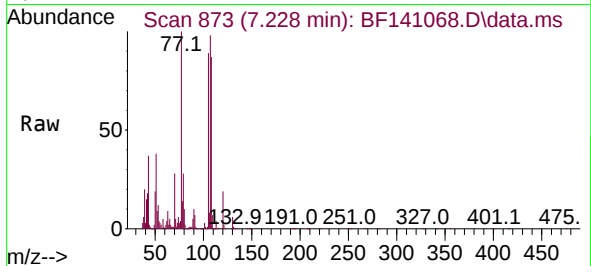


#20
3+4-Methylphenols
Concen: 45.445 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Instrument :
BNA_F
ClientSampleId :
341-349MS

Tgt Ion:107 Resp: 743249

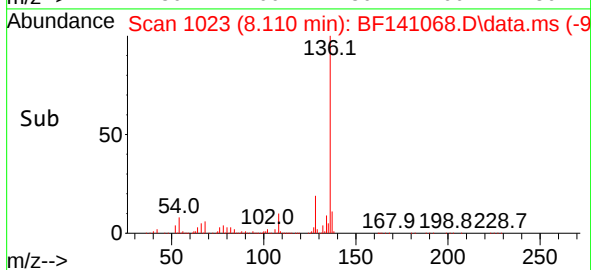
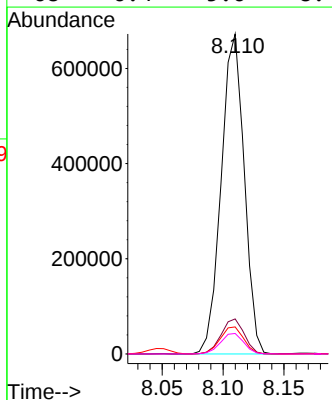
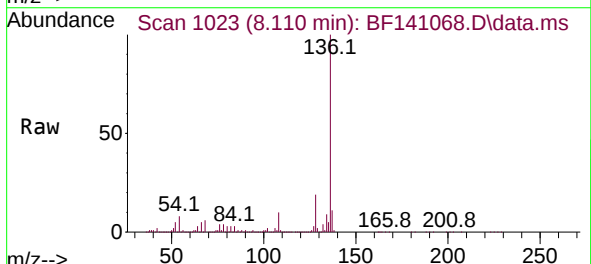
Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.6	109.6
77	102.3	57.6	97.6#
79	28.6	8.8	48.8

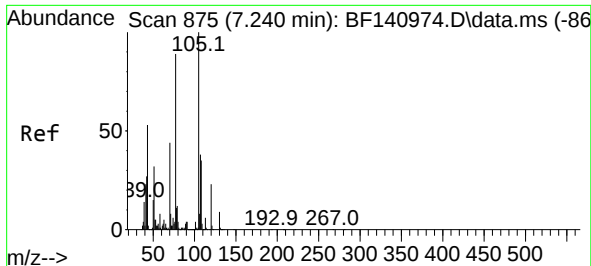


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:136 Resp: 884436

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.4	7.6	11.4
68	6.4	5.6	8.4

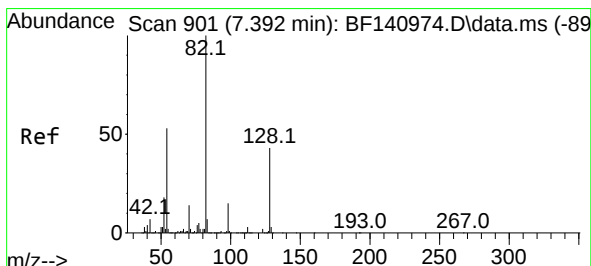
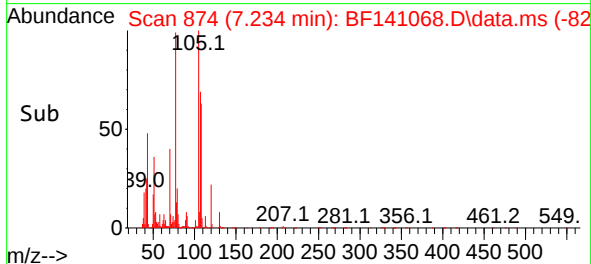
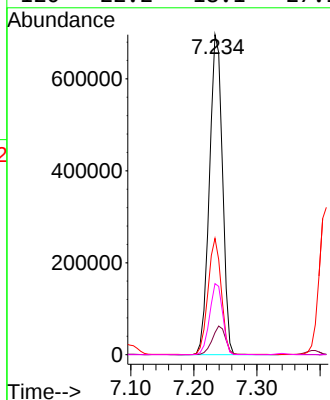
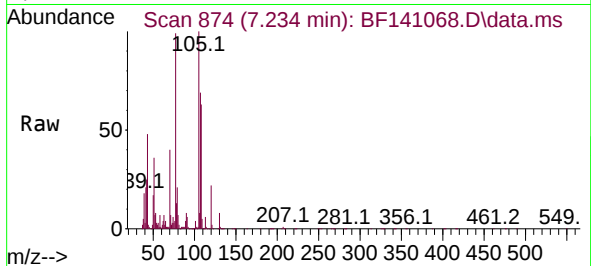




#22
Acetophenone
Concen: 45.975 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

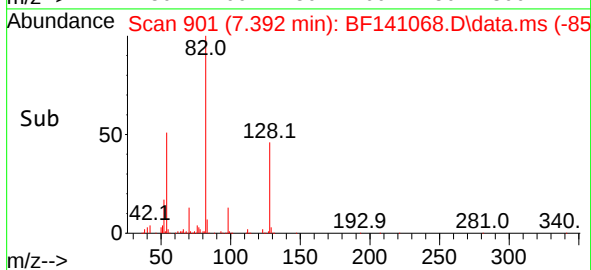
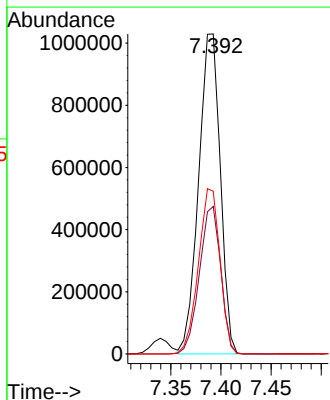
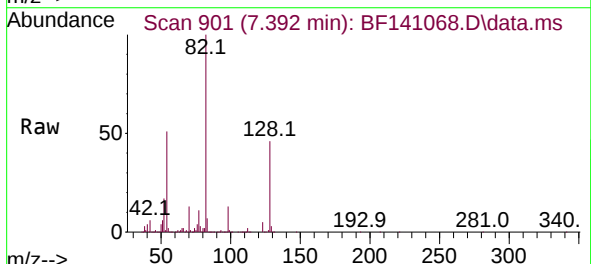
Instrument :
BNA_F
ClientSampleId :
341-349MS

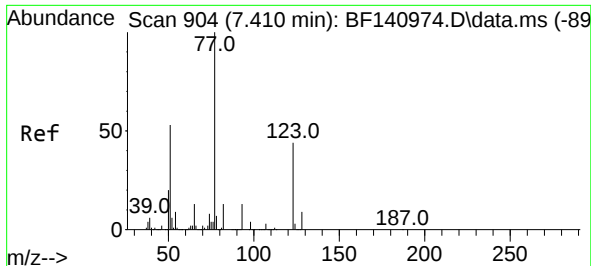
Tgt Ion:	105	Resp:	997506
Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.1	9.1
51	36.3	25.8	38.6
120	22.2	18.1	27.1



#23
Nitrobenzene-d5
Concen: 112.220 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:	82	Resp:	1551337
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.4	51.6
54	50.9	42.4	63.6

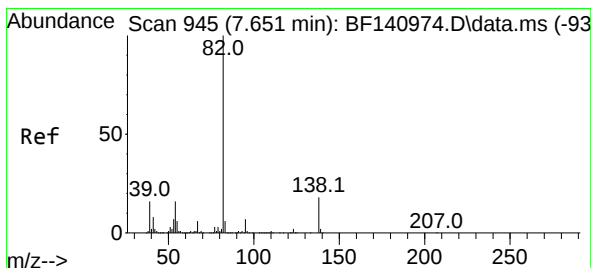
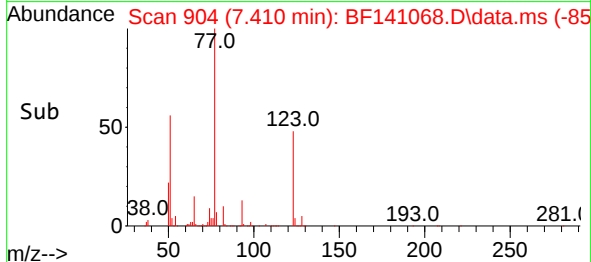
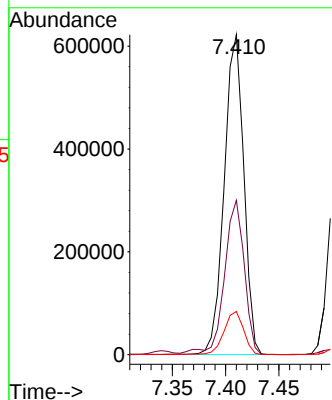
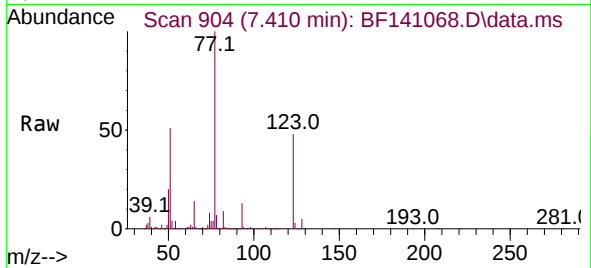




#24
Nitrobenzene
Concen: 51.293 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

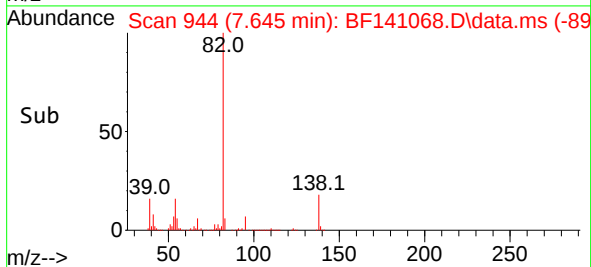
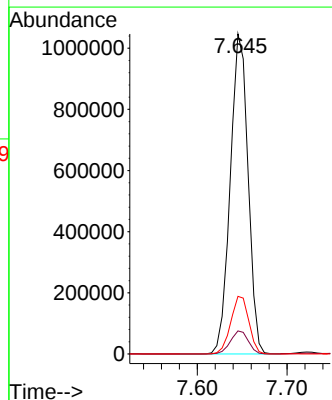
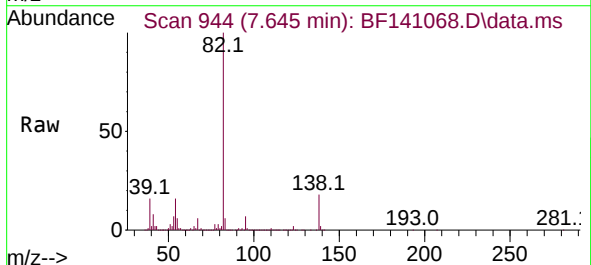
Instrument :
BNA_F
ClientSampleId :
341-349MS

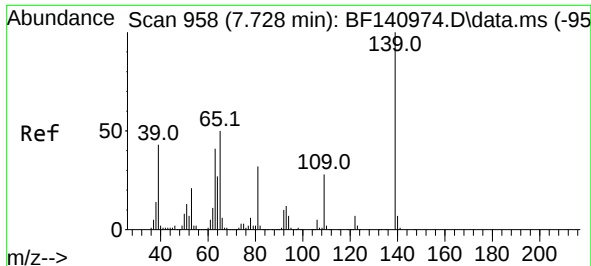
Tgt Ion: 77 Resp: 792326
Ion Ratio Lower Upper
77 100
123 48.3 35.4 53.2
65 13.5 10.7 16.1



#25
Isophorone
Concen: 47.851 ng
RT: 7.645 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion: 82 Resp: 1439441
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.0 14.6 21.8

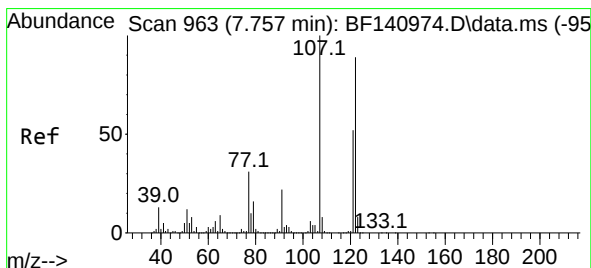
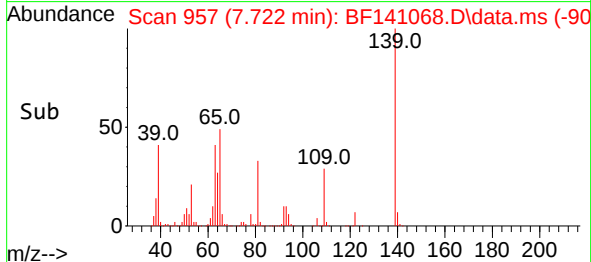
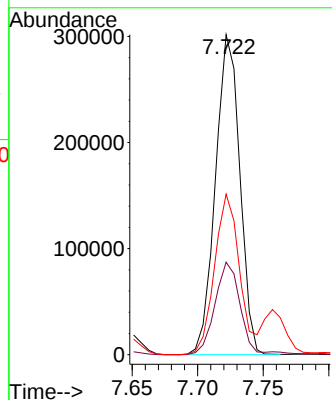
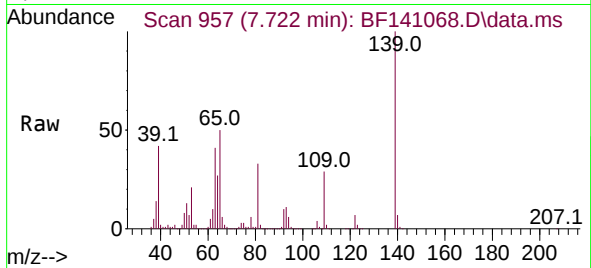




#26
2-Nitrophenol
Concen: 59.977 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

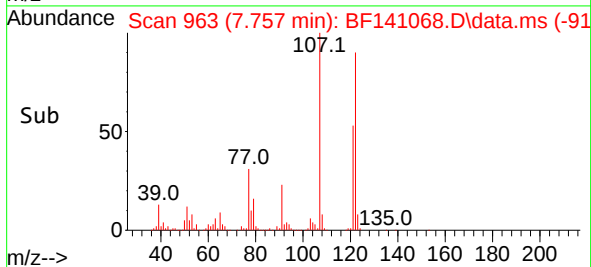
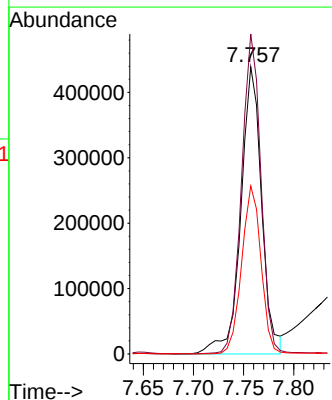
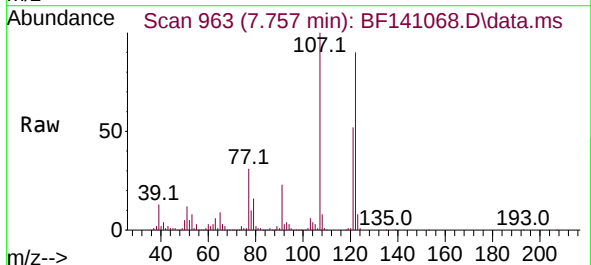
Instrument :
BNA_F
ClientSampleId :
341-349MS

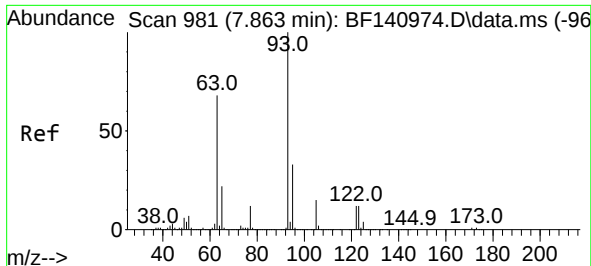
Tgt Ion:139 Resp: 389090
Ion Ratio Lower Upper
139 100
109 28.9 22.2 33.4
65 50.1 40.2 60.4



#27
2,4-Dimethylphenol
Concen: 57.703 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:122 Resp: 634389
Ion Ratio Lower Upper
122 100
107 111.4 89.4 134.2
121 58.5 46.7 70.1

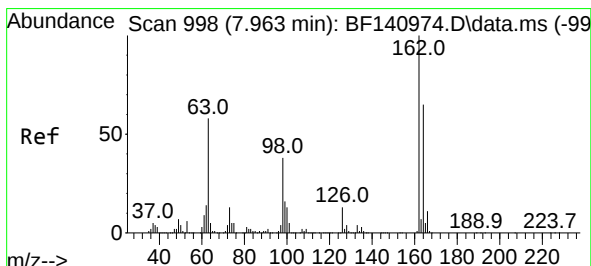
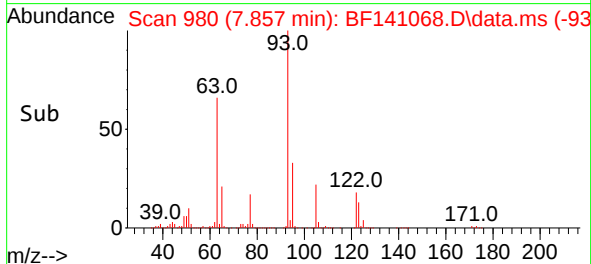
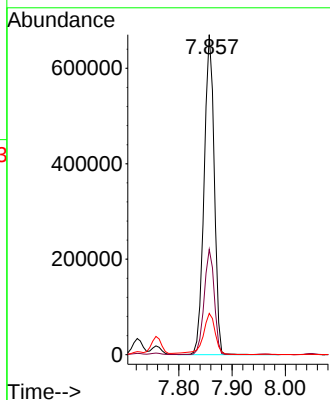
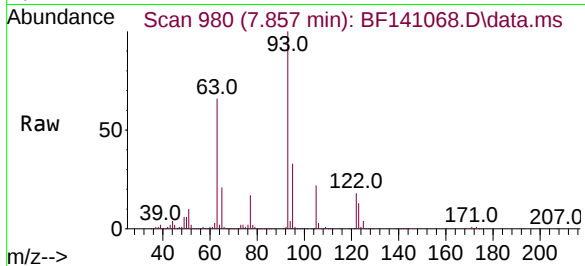




#28
bis(2-Chloroethoxy)methane
Concen: 46.387 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

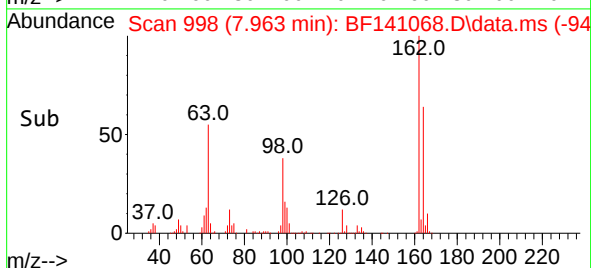
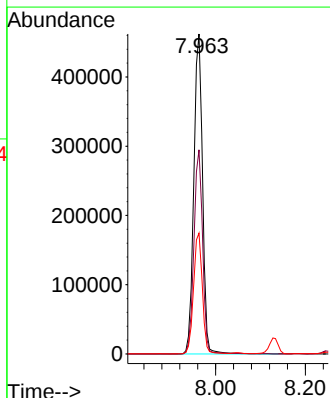
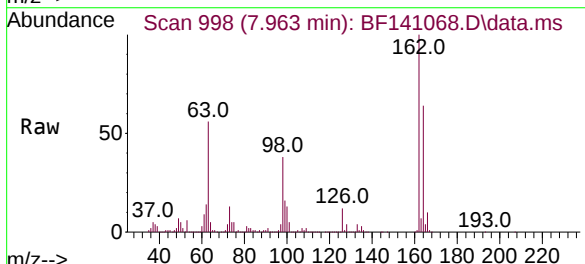
Instrument :
BNA_F
ClientSampleId :
341-349MS

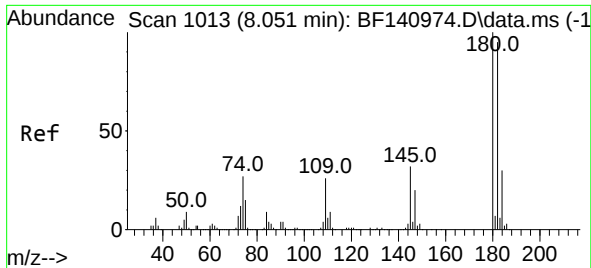
Tgt Ion: 93 Resp: 884104
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 12.9 9.9 14.9



#29
2,4-Dichlorophenol
Concen: 50.057 ng
RT: 7.963 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion: 162 Resp: 624149
Ion Ratio Lower Upper
162 100
164 63.8 44.8 84.8
98 37.7 18.6 58.6

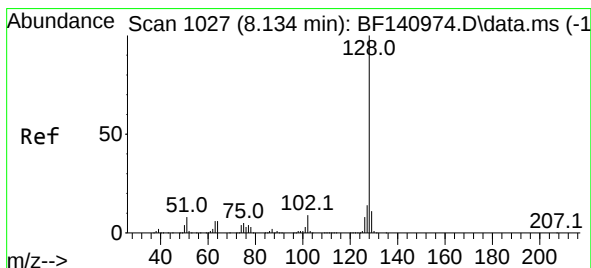
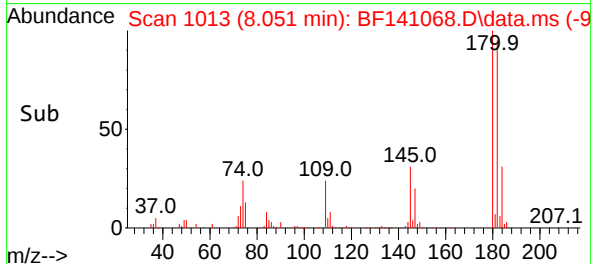
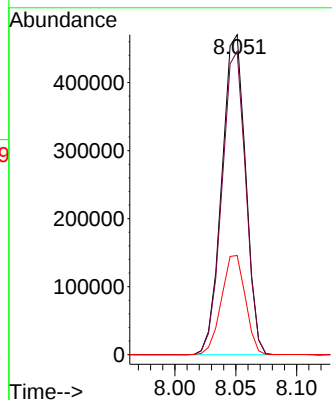
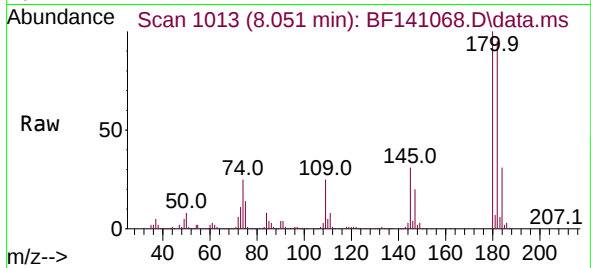




#30
1,2,4-Trichlorobenzene
Concen: 45.464 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

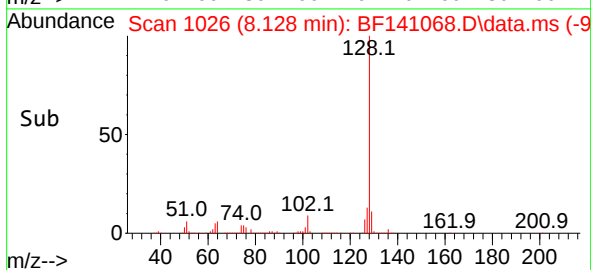
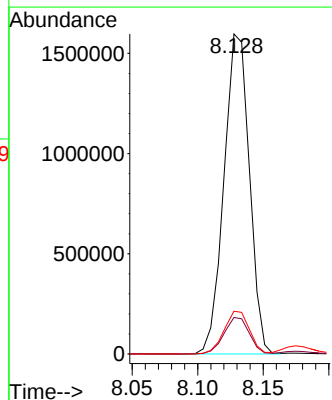
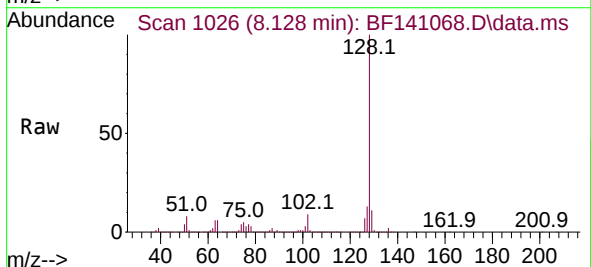
Instrument :
BNA_F
ClientSampleId :
341-349MS

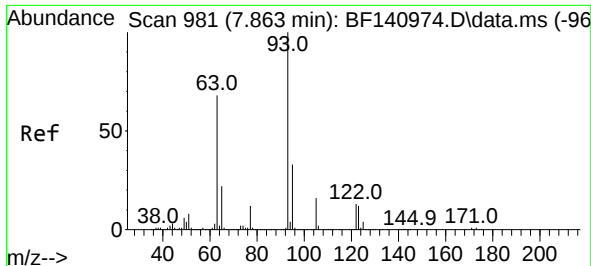
Tgt Ion:180 Resp: 641623
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
145 31.0 25.4 38.2



#31
Naphthalene
Concen: 46.219 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:128 Resp: 2153998
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 11.0 16.4





#32

Benzoic acid

Concen: 52.611 ng

RT: 7.869 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

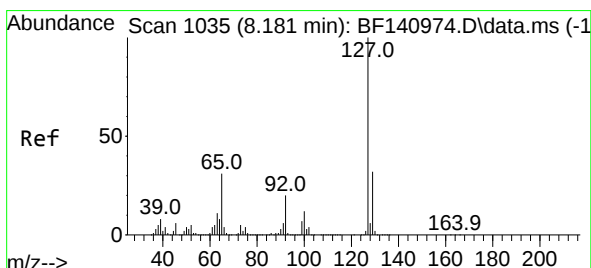
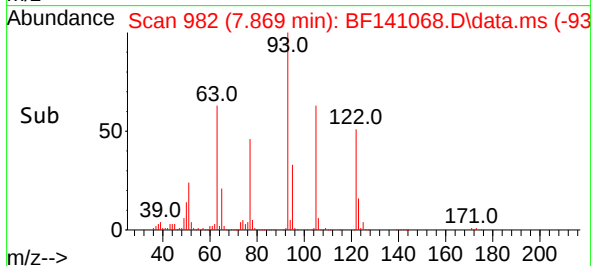
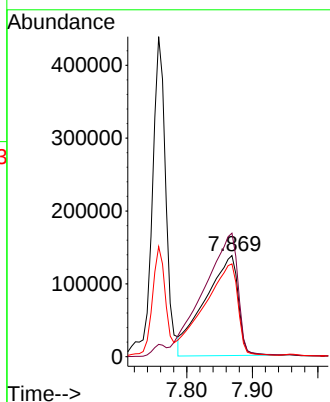
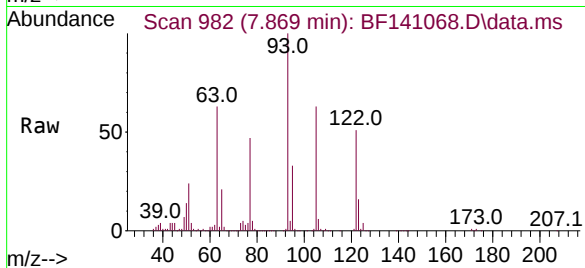
Tgt Ion:122 Resp: 483957

Ion Ratio Lower Upper

122 100

105 122.2 105.4 145.4

77 91.8 76.4 116.4



#33

4-Chloroaniline

Concen: 3.912 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Tgt Ion:127 Resp: 65949

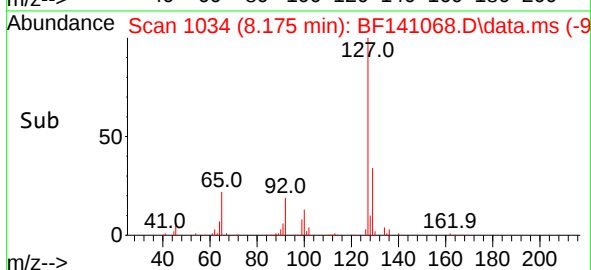
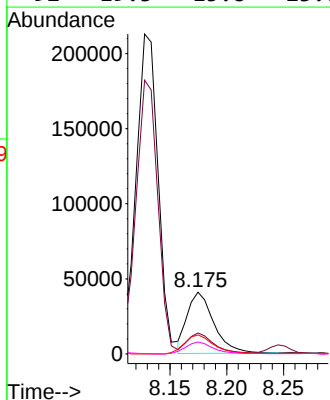
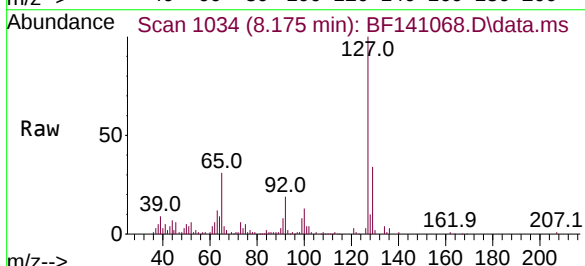
Ion Ratio Lower Upper

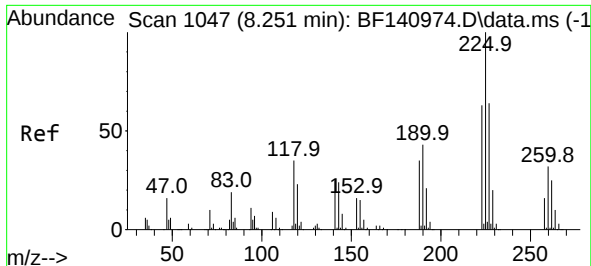
127 100

129 33.8 26.1 39.1

65 30.9 24.6 37.0

92 19.3 15.8 23.6

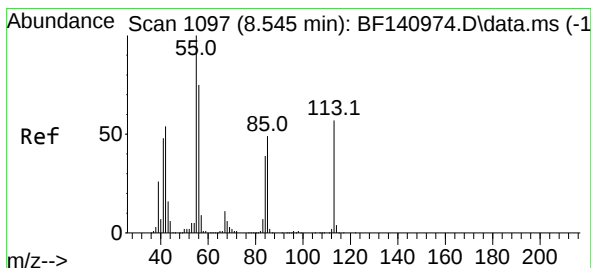
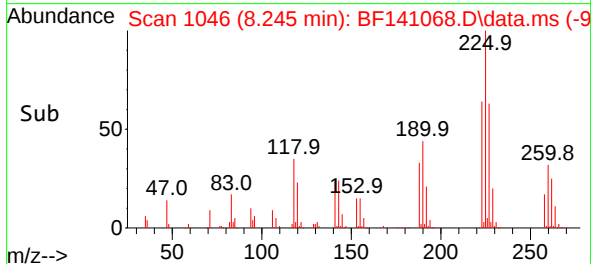
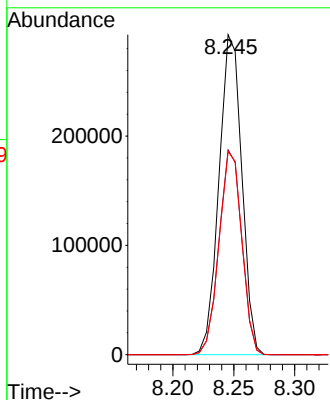
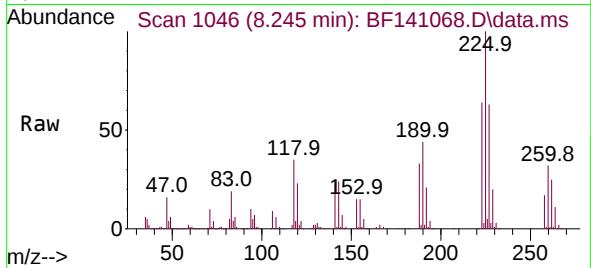




#34
Hexachlorobutadiene
Concen: 45.883 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

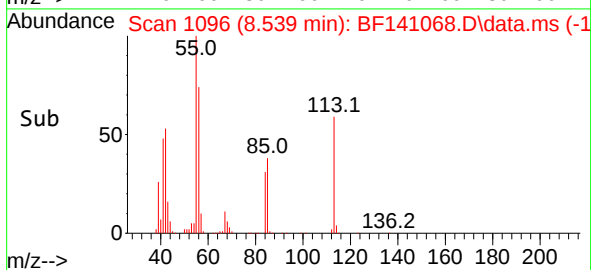
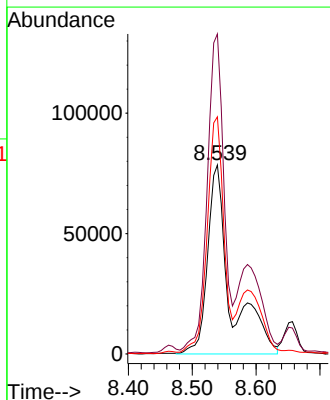
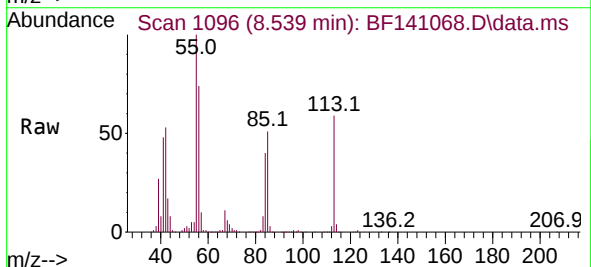
Instrument :
BNA_F
ClientSampleId :
341-349MS

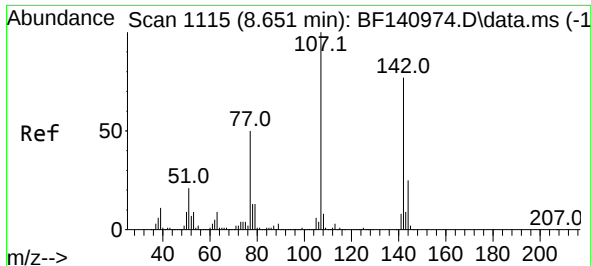
Tgt Ion:225 Resp: 381742
Ion Ratio Lower Upper
225 100
223 64.0 50.3 75.5
227 63.5 50.8 76.2



#35
Caprolactam
Concen: 46.277 ng m
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:113 Resp: 196162
Ion Ratio Lower Upper
113 100
55 169.4 156.6 196.6
56 125.6 111.7 151.7

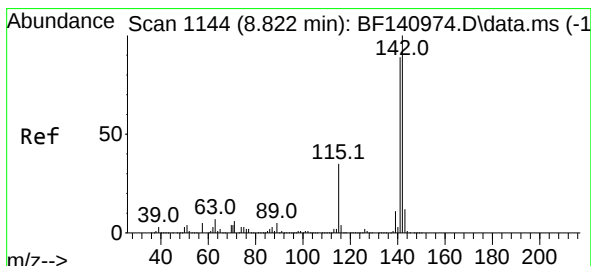
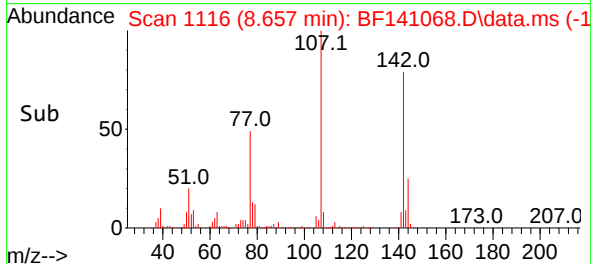
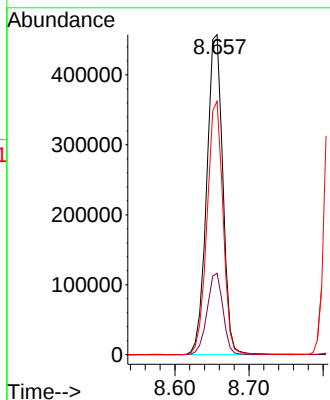
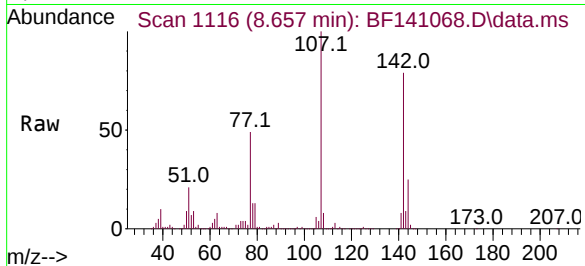




#36
4-Chloro-3-methylphenol
Concen: 49.731 ng
RT: 8.657 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

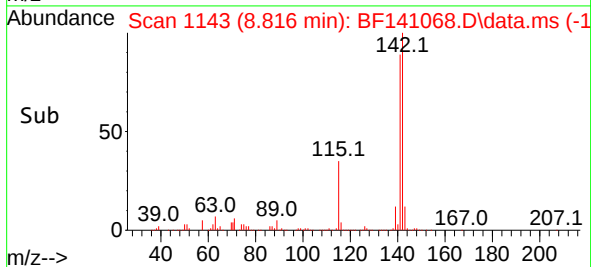
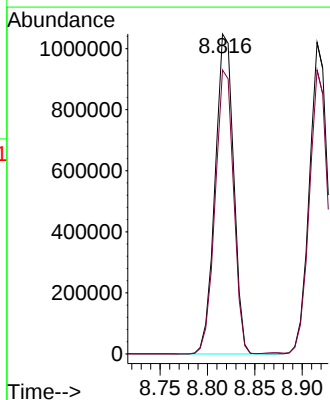
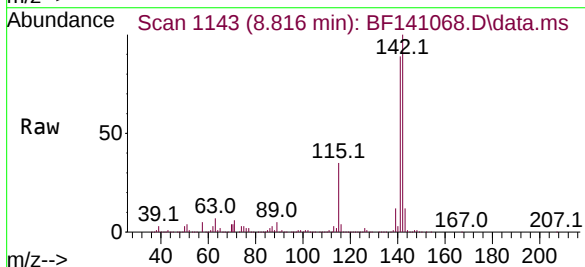
Instrument :
BNA_F
ClientSampleId :
341-349MS

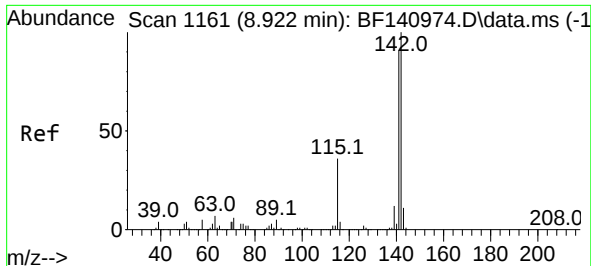
Tgt Ion:107 Resp: 688642
Ion Ratio Lower Upper
107 100
144 25.4 19.9 29.9
142 79.2 61.8 92.8



#37
2-Methylnaphthalene
Concen: 47.869 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:142 Resp: 1427181
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7

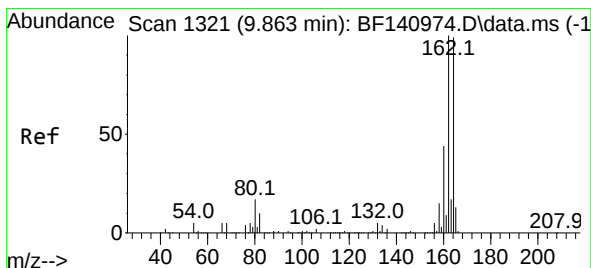
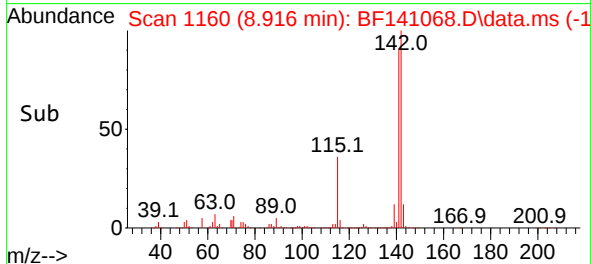
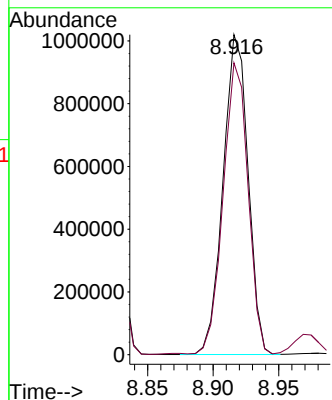
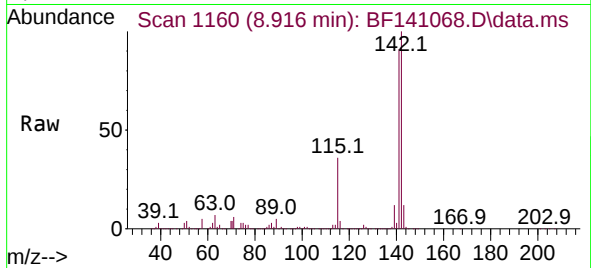




#38
1-Methylnaphthalene
Concen: 46.059 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

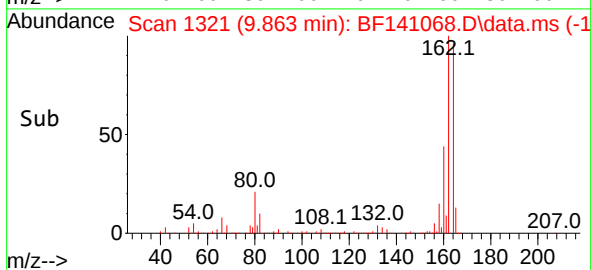
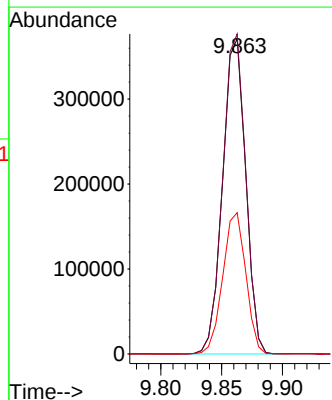
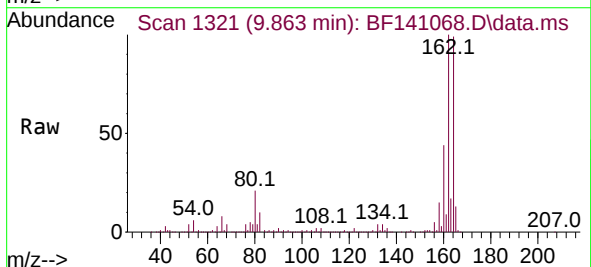
Instrument :
BNA_F
ClientSampleId :
341-349MS

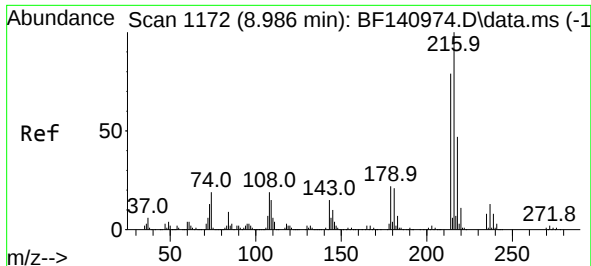
Tgt Ion:142 Resp: 1349569
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:164 Resp: 490192
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.8 35.7 53.5

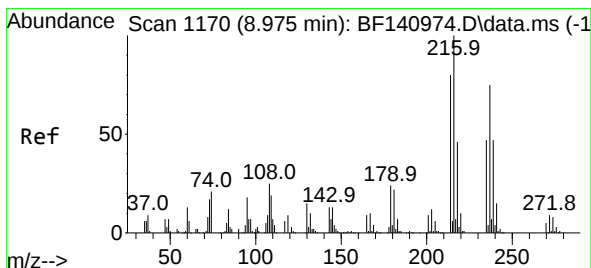
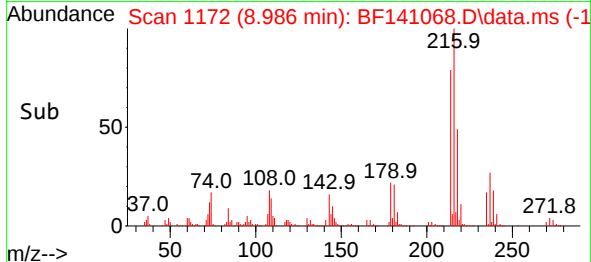
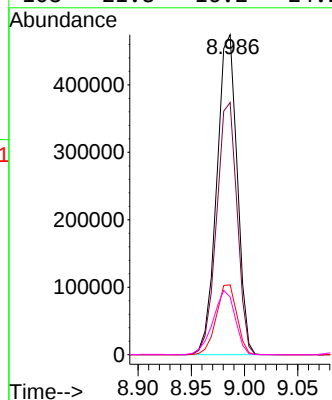
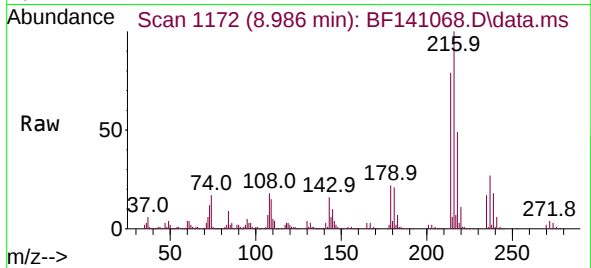




#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.710 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

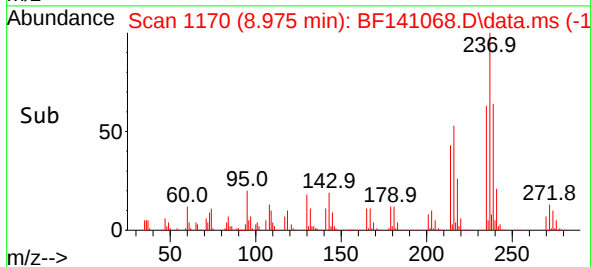
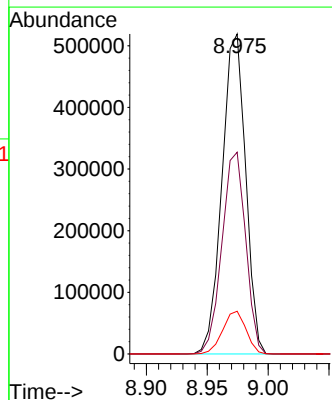
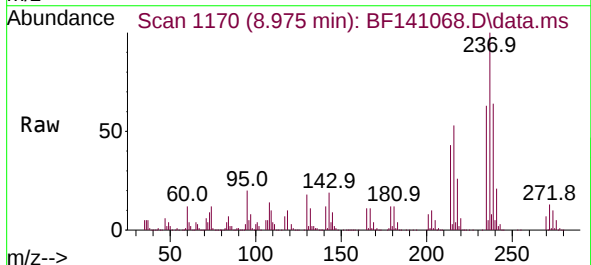
Instrument :
BNA_F
ClientSampleId :
341-349MS

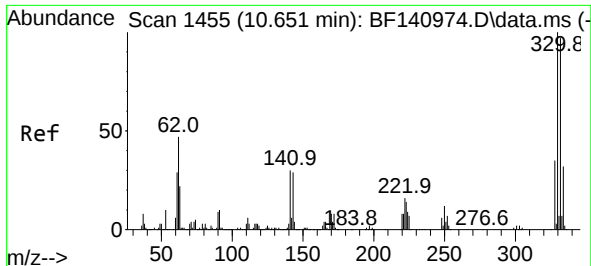
Tgt Ion:	216	Resp:	629921
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.6
179	22.1	17.9	26.9
108	21.8	16.2	24.2



#41
Hexachlorocyclopentadiene
Concen: 156.845 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:	237	Resp:	700948
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.4	83.4
272	13.4	0.0	32.6





#42

2,4,6-Tribromophenol

Concen: 168.038 ng

RT: 10.651 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

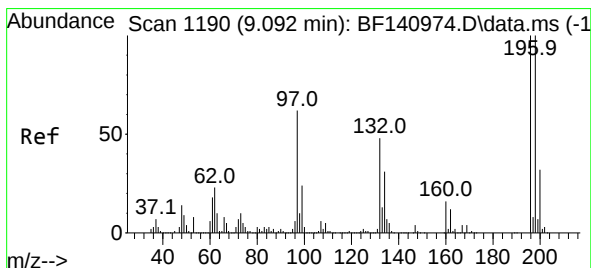
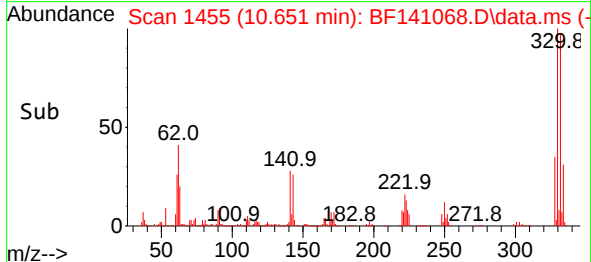
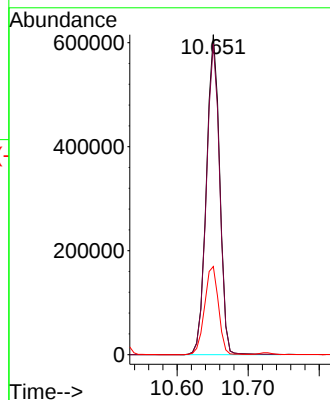
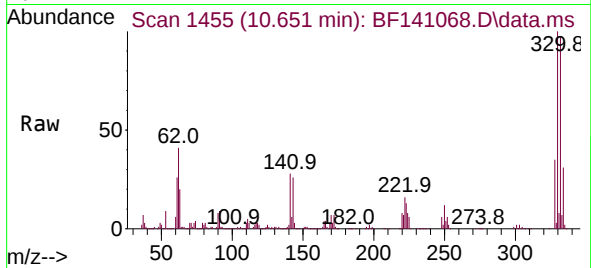
Tgt Ion:330 Resp: 800405

Ion Ratio Lower Upper

330 100

332 97.4 78.0 117.0

141 29.0 26.4 39.6



#43

2,4,6-Trichlorophenol

Concen: 52.933 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

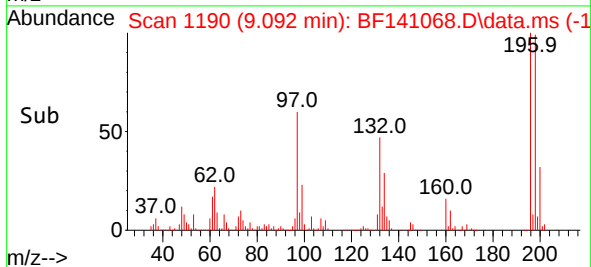
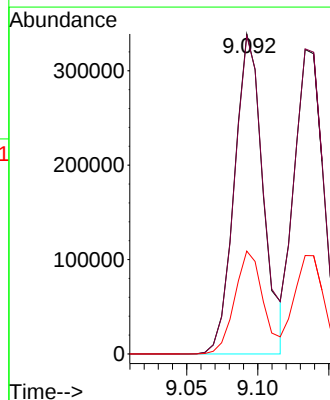
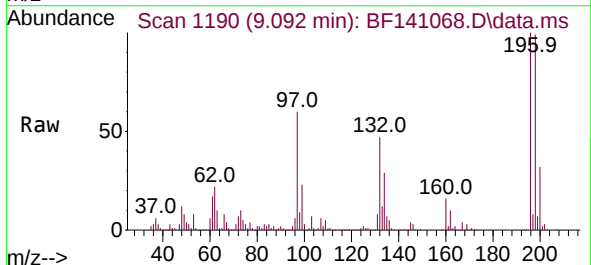
Tgt Ion:196 Resp: 475104

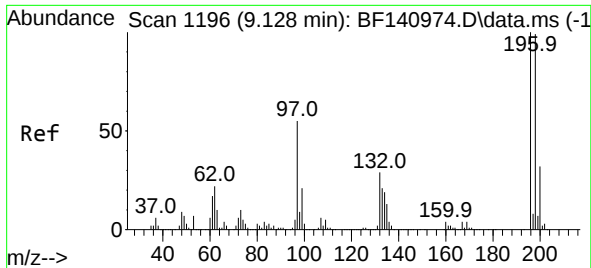
Ion Ratio Lower Upper

196 100

198 99.4 80.2 120.4

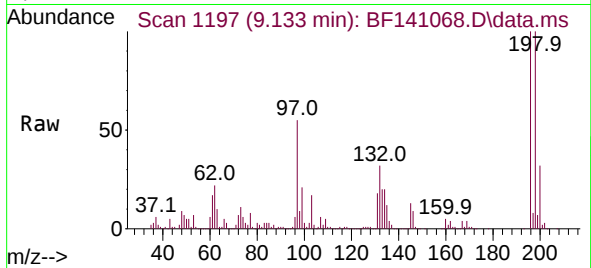
200 32.1 25.8 38.6



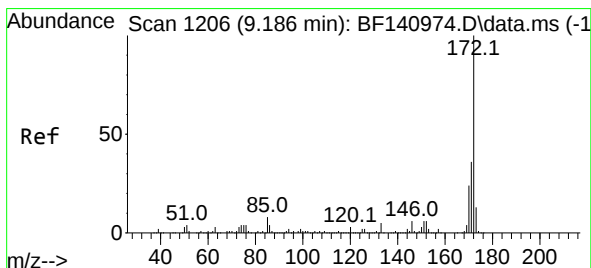
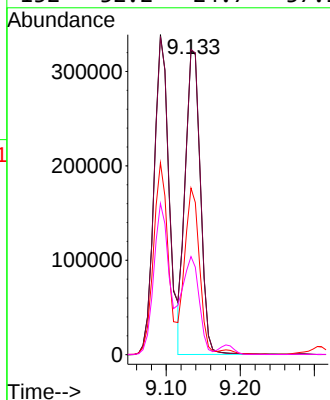
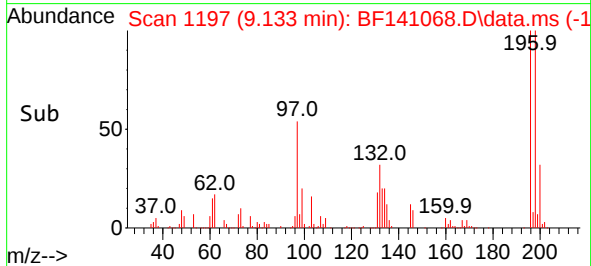


#44
2,4,5-Trichlorophenol
Concen: 50.005 ng
RT: 9.133 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

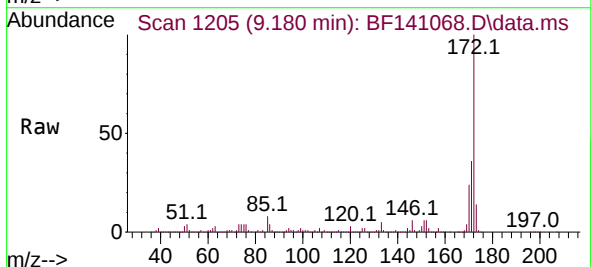
Instrument :
BNA_F
ClientSampleId :
341-349MS



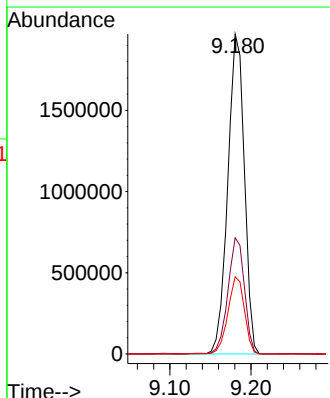
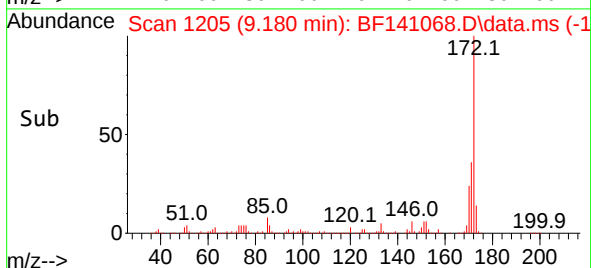
Tgt Ion:196 Resp: 459233
Ion Ratio Lower Upper
196 100
198 100.2 79.9 119.9
97 54.7 44.3 66.5
132 32.2 24.7 37.1

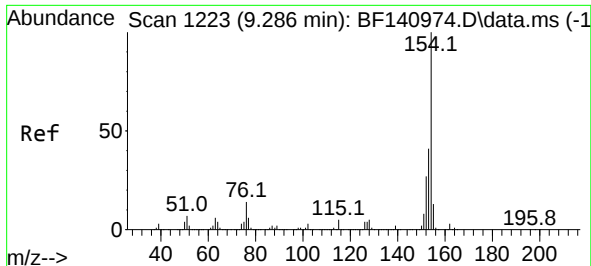


#45
2-Fluorobiphenyl
Concen: 90.837 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29



Tgt Ion:172 Resp: 2794769
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.1 19.6 29.4





#46

1,1'-Biphenyl

Concen: 46.785 ng

RT: 9.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

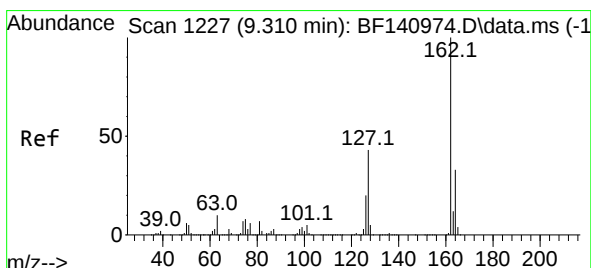
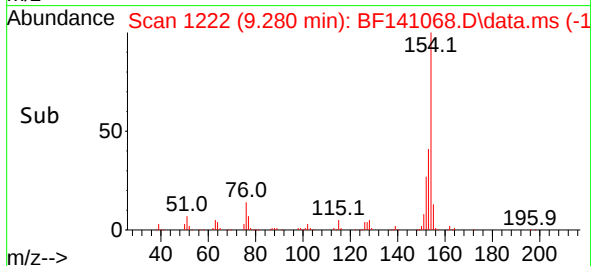
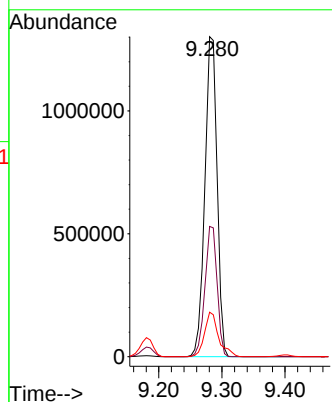
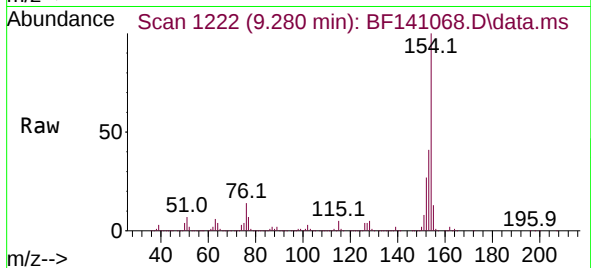
Tgt Ion:154 Resp: 1756015

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

76 13.9 0.0 34.0



#47

2-Chloronaphthalene

Concen: 45.958 ng

RT: 9.310 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

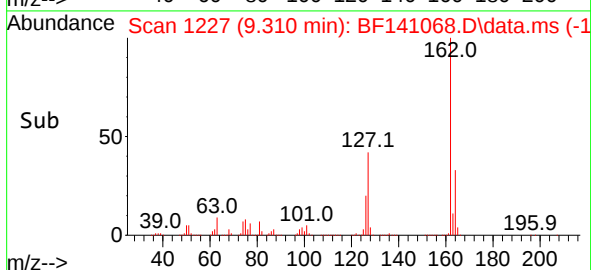
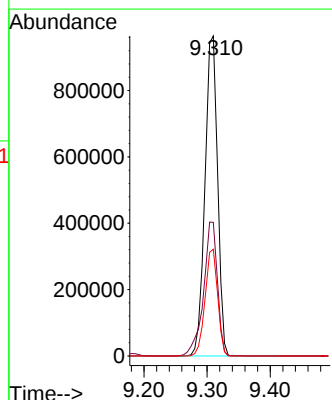
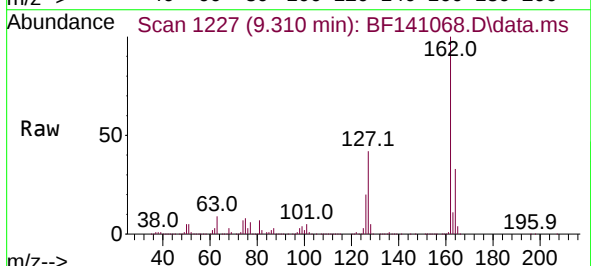
Tgt Ion:162 Resp: 1337841

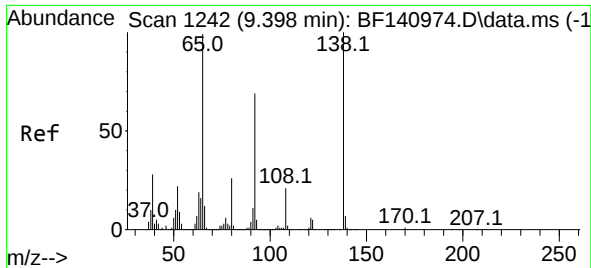
Ion Ratio Lower Upper

162 100

127 41.7 34.2 51.4

164 33.4 26.6 40.0

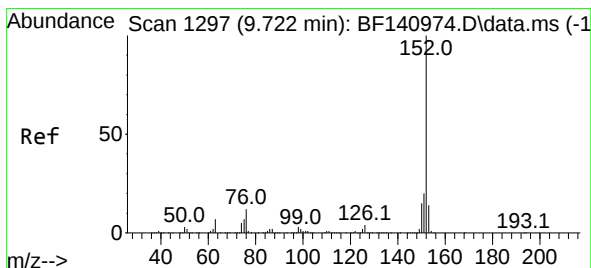
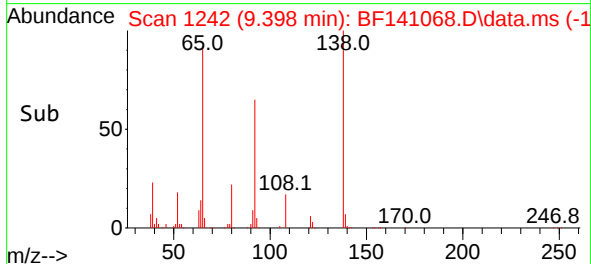
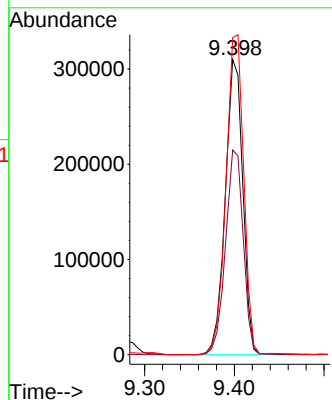
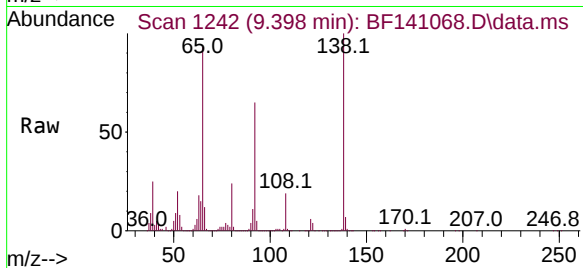




#48
2-Nitroaniline
Concen: 54.715 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

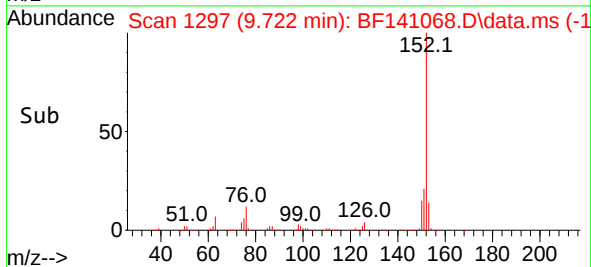
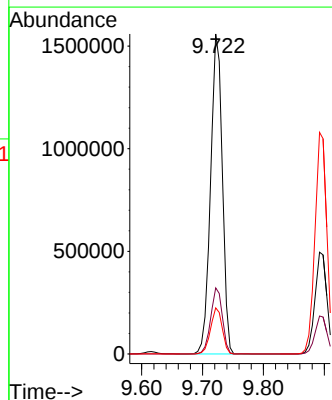
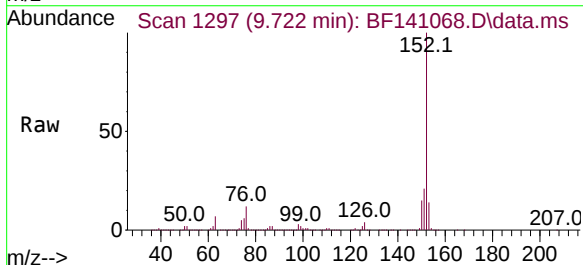
Instrument :
BNA_F
ClientSampleId :
341-349MS

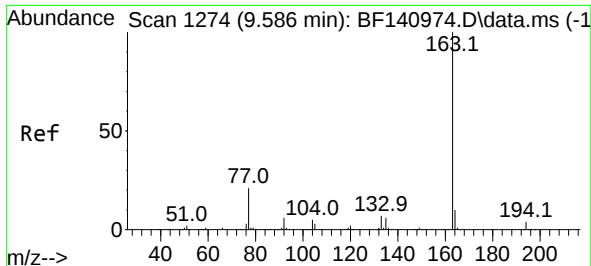
Tgt Ion: 65 Resp: 422149
Ion Ratio Lower Upper
65 100
92 69.3 55.6 83.4
138 107.4 80.5 120.7



#49
Acenaphthylene
Concen: 49.851 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion: 152 Resp: 2089023
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.4 11.4 17.0

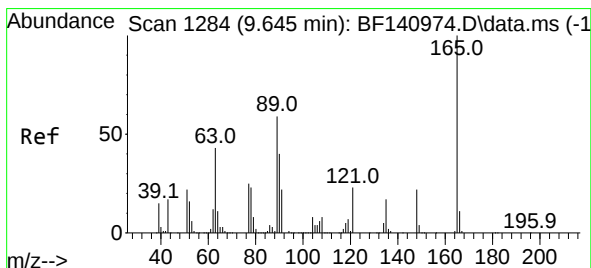
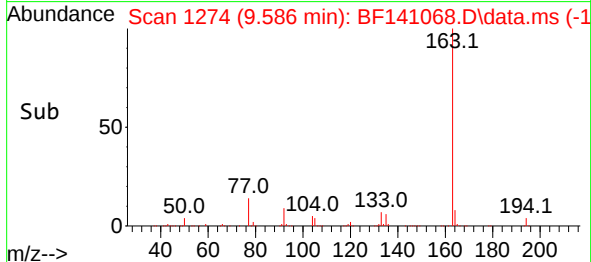
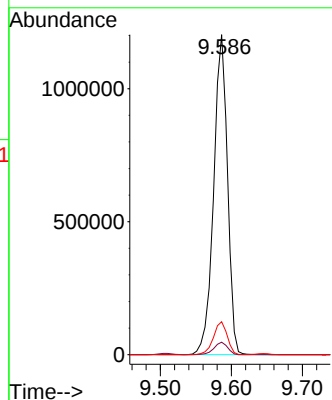
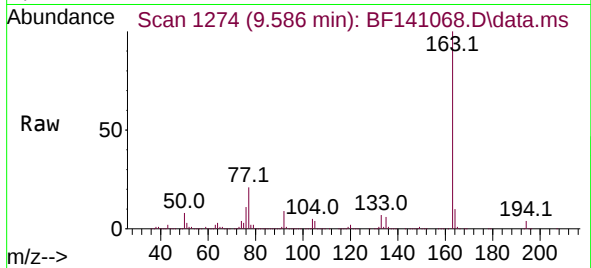




#50
Dimethylphthalate
Concen: 50.330 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

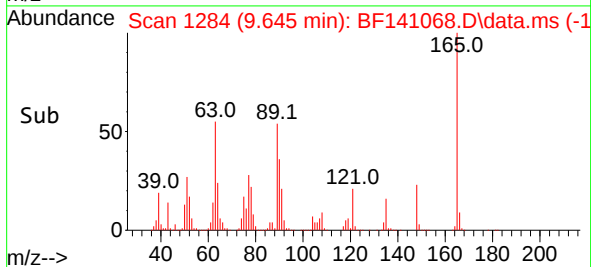
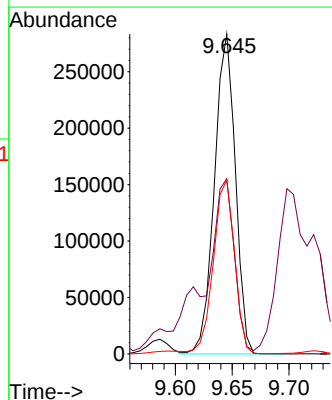
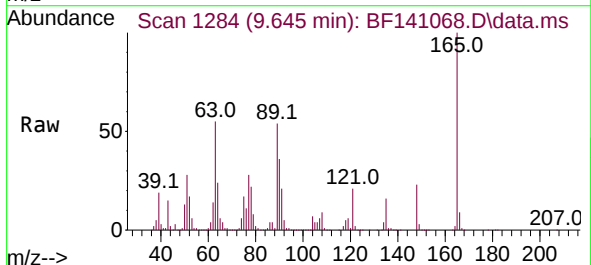
Instrument :
BNA_F
ClientSampleId :
341-349MS

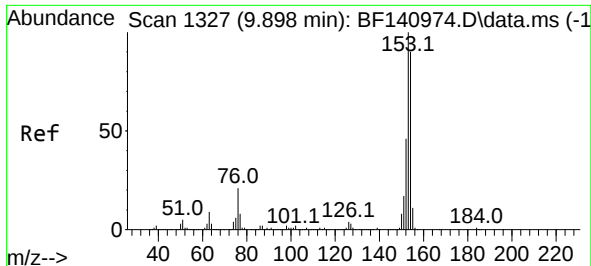
Tgt Ion:163 Resp: 1622820
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 54.677 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:165 Resp: 363147
Ion Ratio Lower Upper
165 100
63 54.7 47.1 70.7
89 54.3 47.0 70.4

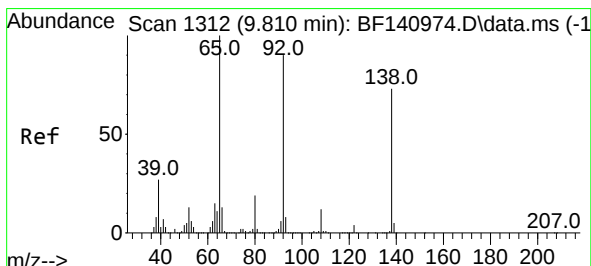
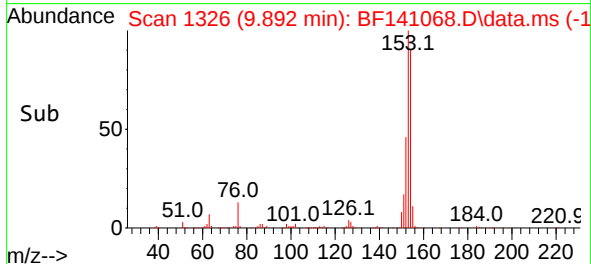
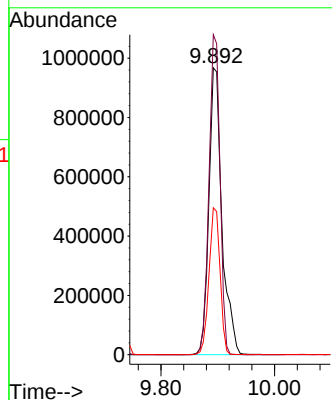
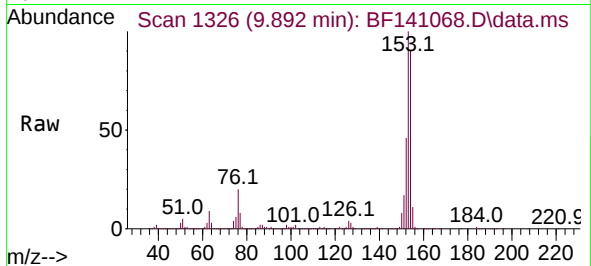




#52
Acenaphthene
Concen: 54.480 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

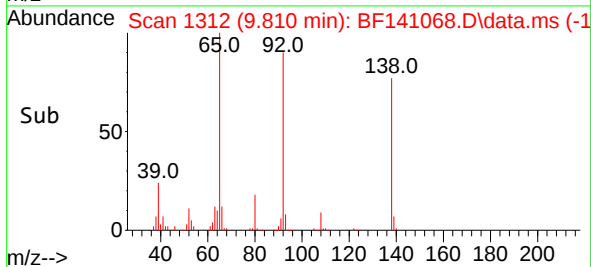
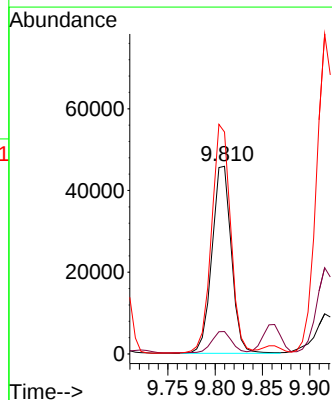
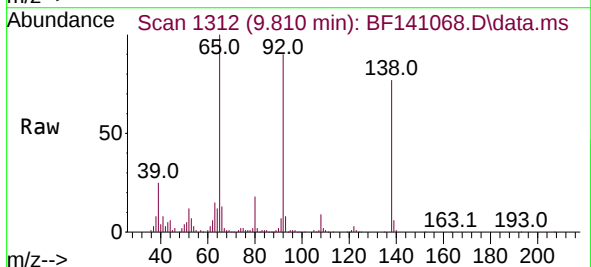
Instrument :
BNA_F
ClientSampleId :
341-349MS

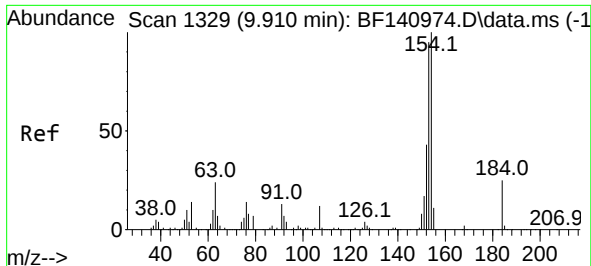
Tgt Ion:154 Resp: 1543424
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 51.2 40.9 61.3



#53
3-Nitroaniline
Concen: 11.763 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:138 Resp: 65207
Ion Ratio Lower Upper
138 100
108 11.9 13.5 20.3#
92 118.2 97.7 146.5

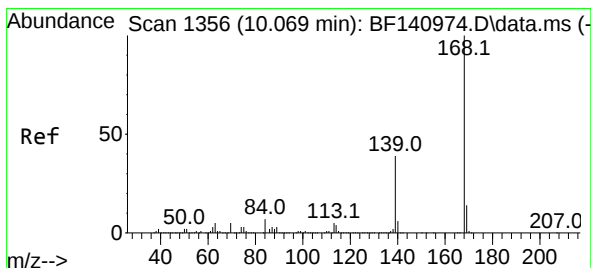
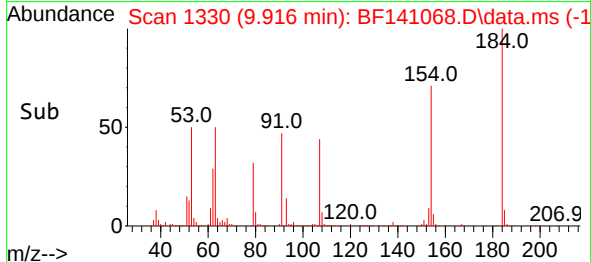
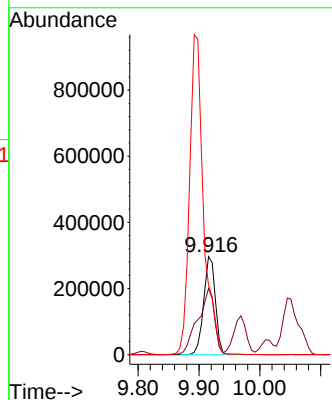
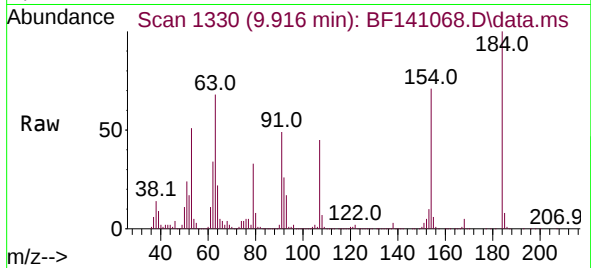




#54
2,4-Dinitrophenol
Concen: 122.140 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

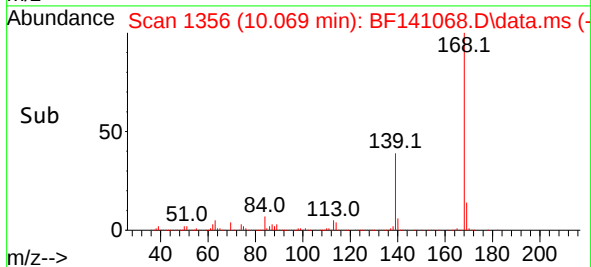
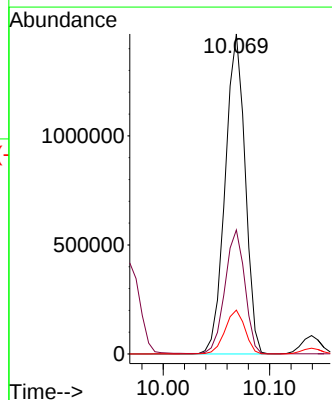
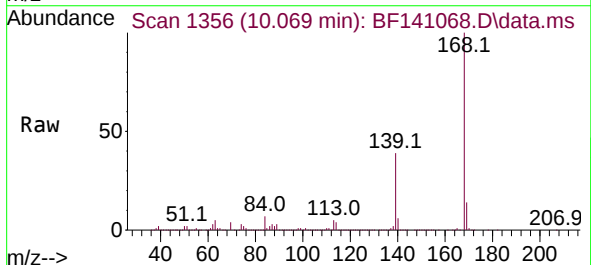
Instrument :
BNA_F
ClientSampleId :
341-349MS

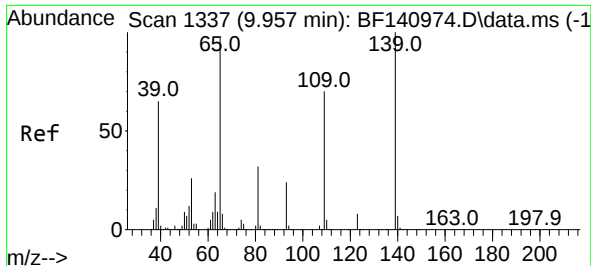
Tgt Ion:184 Resp: 397911
Ion Ratio Lower Upper
184 100
63 67.5 81.6 122.4#
154 71.0 363.5 545.3#



#55
Dibenzofuran
Concen: 47.947 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:168 Resp: 1908921
Ion Ratio Lower Upper
168 100
139 38.8 31.6 47.4
169 13.7 11.0 16.6

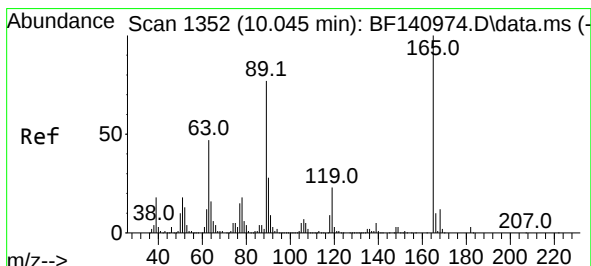
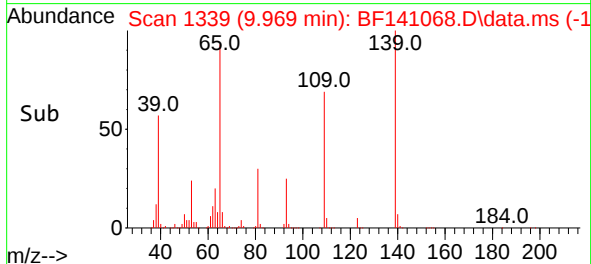
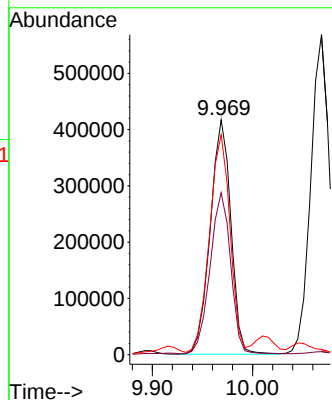
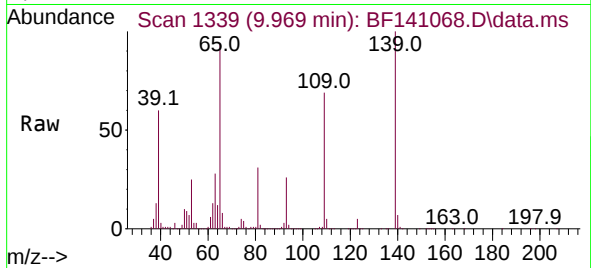




#56
4-Nitrophenol
Concen: 108.097 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

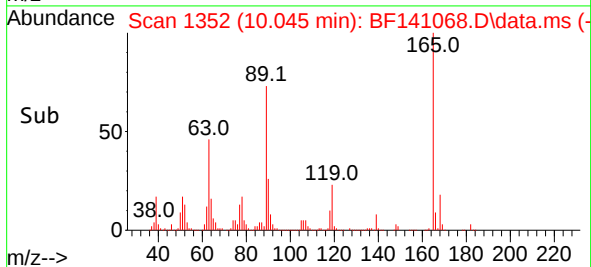
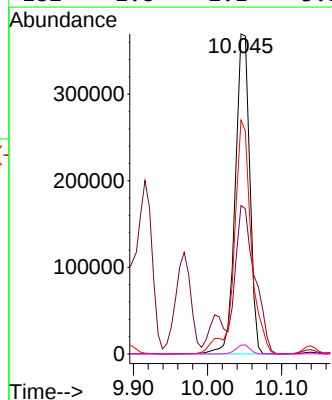
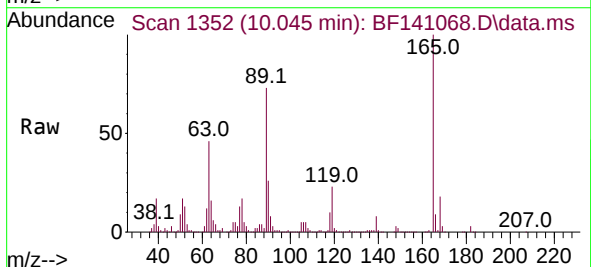
Instrument :
BNA_F
ClientSampleId :
341-349MS

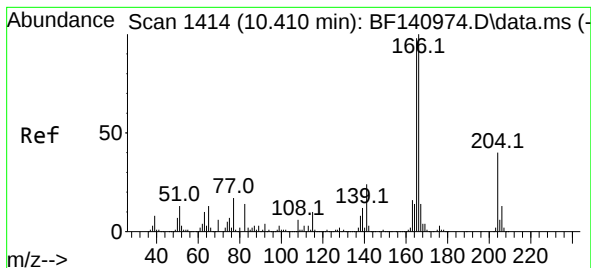
Tgt Ion:139	Resp: 596205
Ion Ratio	Lower Upper
139	100
109	68.9 50.8 90.8
65	93.6 78.5 118.5



#57
2,4-Dinitrotoluene
Concen: 60.851 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:165	Resp: 500332
Ion Ratio	Lower Upper
165	100
63	46.3 38.1 57.1
89	73.1 61.4 92.2
182	2.8 2.1 3.1





#58

Fluorene

Concen: 46.620 ng

RT: 10.410 min Scan# 1414

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

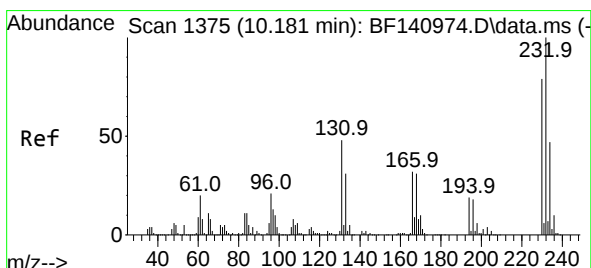
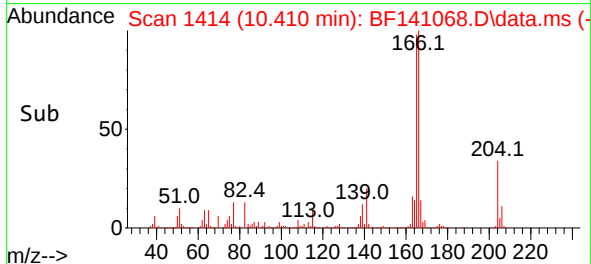
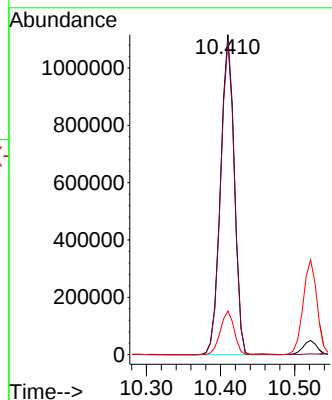
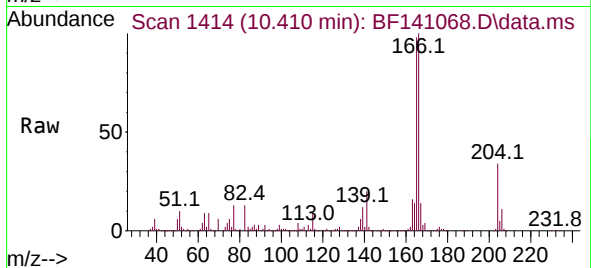
Tgt Ion:166 Resp: 1439303

Ion Ratio Lower Upper

166 100

165 97.9 78.3 117.5

167 13.6 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 54.834 ng

RT: 10.180 min Scan# 1375

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Tgt Ion:232 Resp: 417063

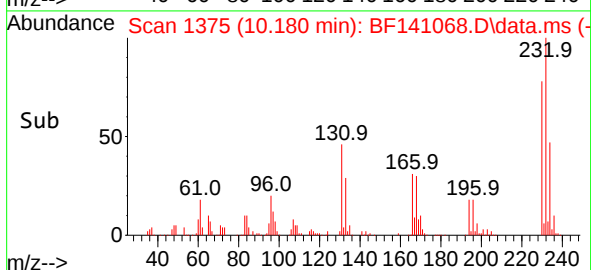
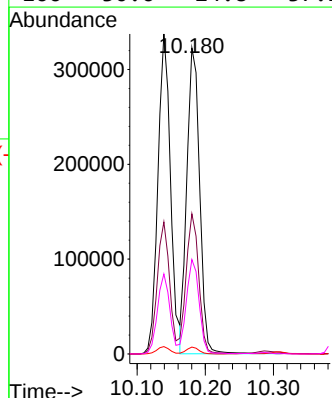
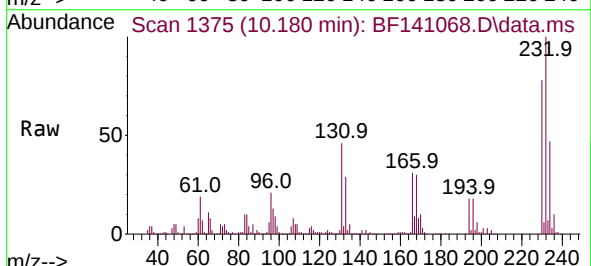
Ion Ratio Lower Upper

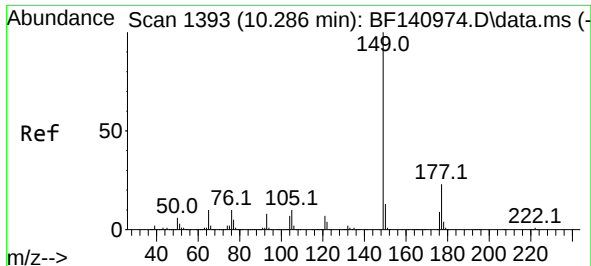
232 100

131 46.0 37.4 56.2

130 2.2 1.8 2.8

166 30.6 24.8 37.2

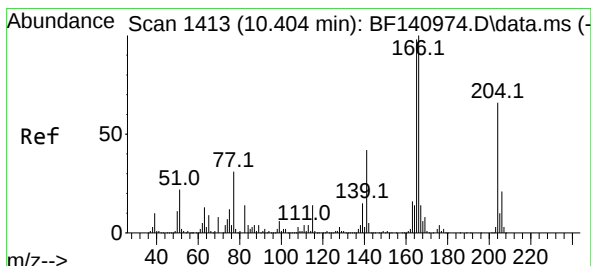
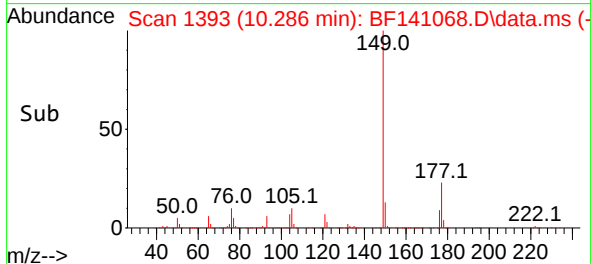
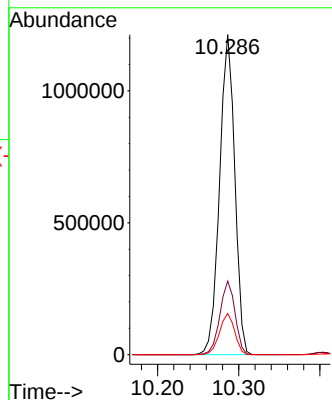
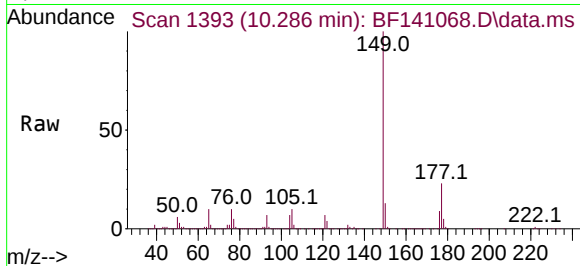




#60
Diethylphthalate
Concen: 49.734 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

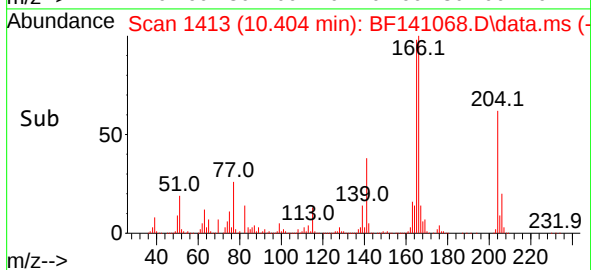
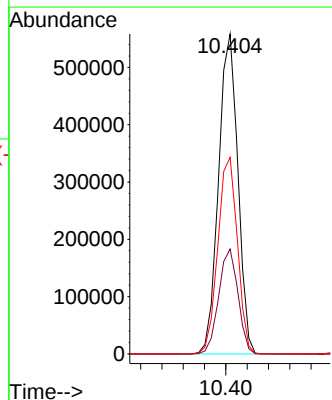
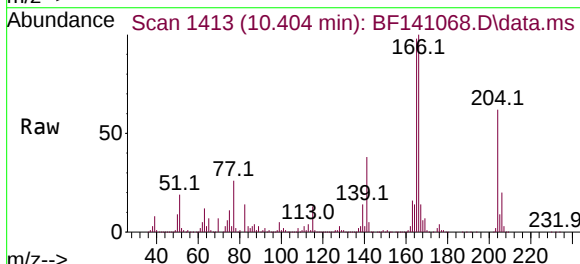
Instrument :
BNA_F
ClientSampleId :
341-349MS

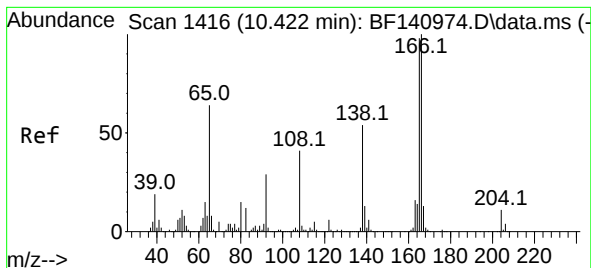
Tgt Ion:149 Resp: 1583109
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.8 10.4 15.6



#61
4-Chlorophenyl-phenylether
Concen: 47.197 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:204 Resp: 701137
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 61.4 51.2 76.8

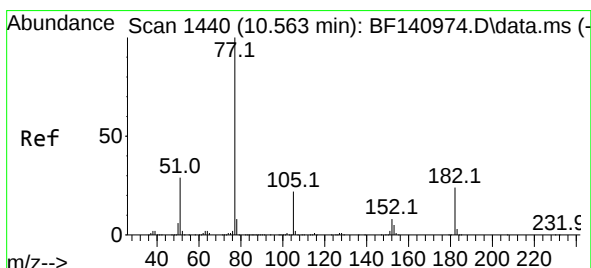
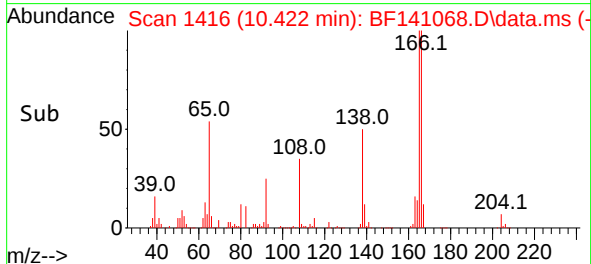
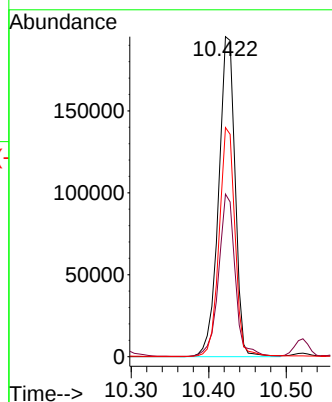
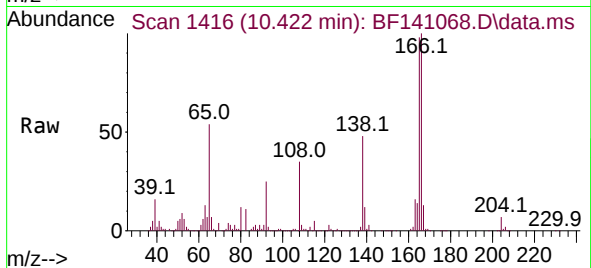




#62
4-Nitroaniline
Concen: 41.001 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

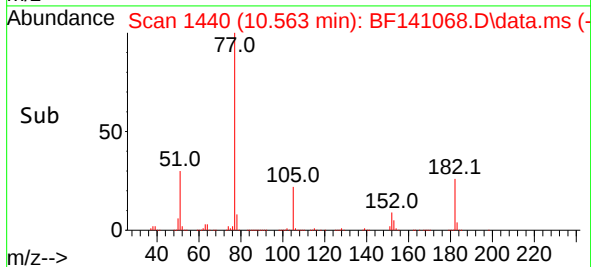
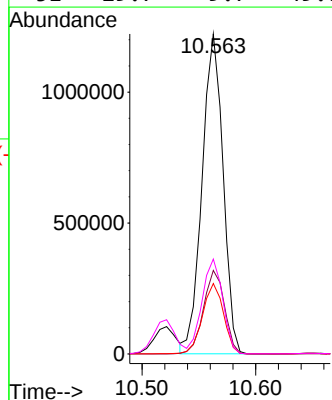
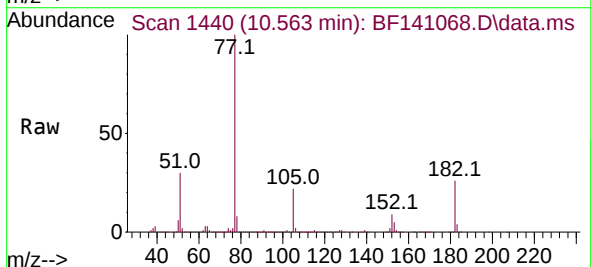
Instrument :
BNA_F
ClientSampleId :
341-349MS

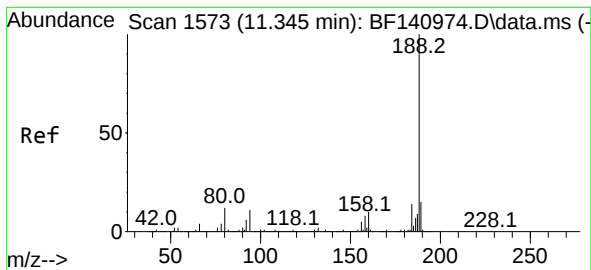
Tgt Ion:138 Resp: 289158
Ion Ratio Lower Upper
138 100
92 50.8 34.8 74.8
108 71.6 55.9 95.9



#63
Azobenzene
Concen: 46.889 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion: 77 Resp: 1566617
Ion Ratio Lower Upper
77 100
182 26.1 4.1 44.1
105 22.0 1.8 41.8
51 29.7 9.7 49.7

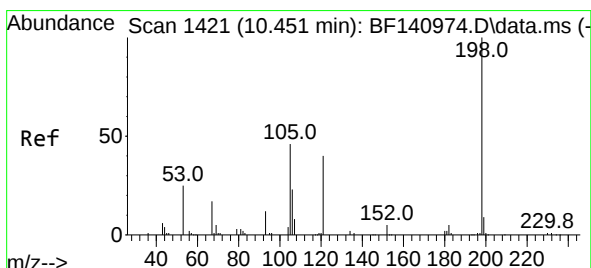
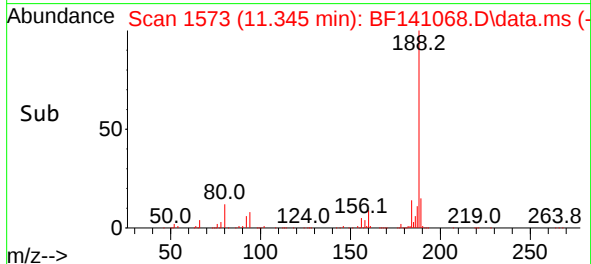
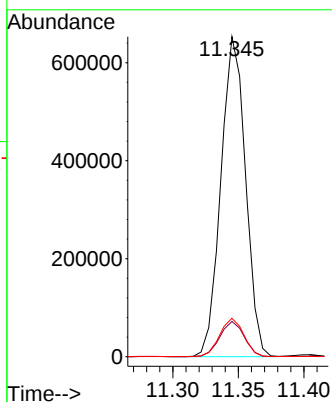
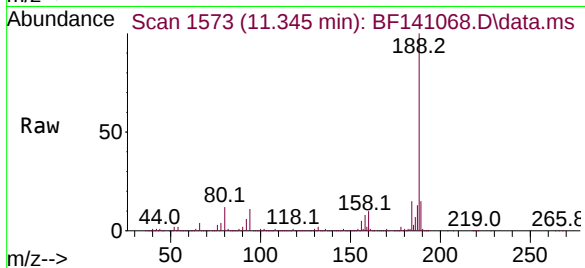




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

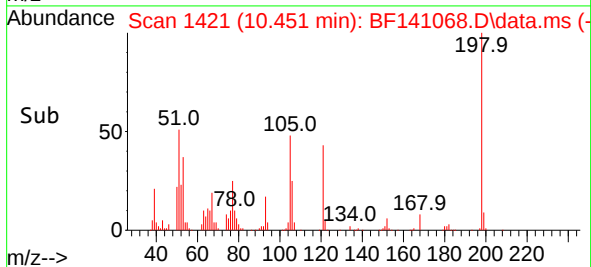
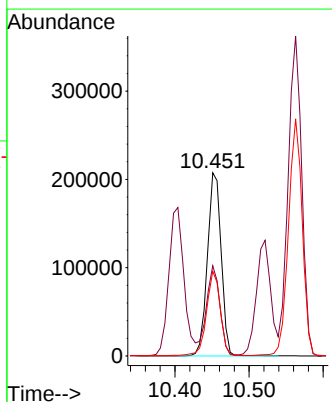
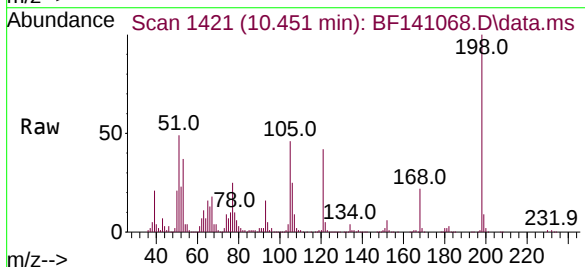
Instrument :
BNA_F
ClientSampleId :
341-349MS

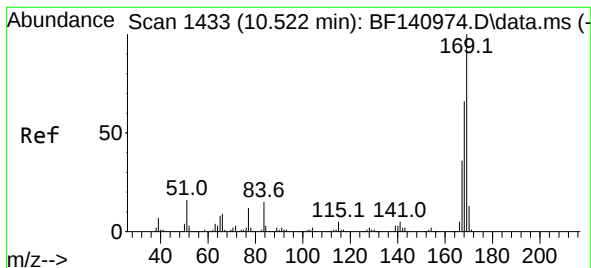
Tgt Ion:188 Resp: 852512
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 12.0 9.8 14.6



#65
4,6-Dinitro-2-methylphenol
Concen: 72.753 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:198 Resp: 267625
Ion Ratio Lower Upper
198 100
51 49.2 32.3 72.3
105 46.2 28.4 68.4

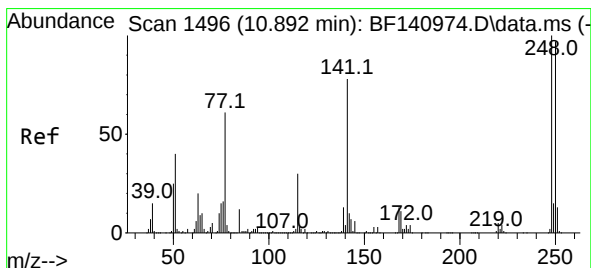
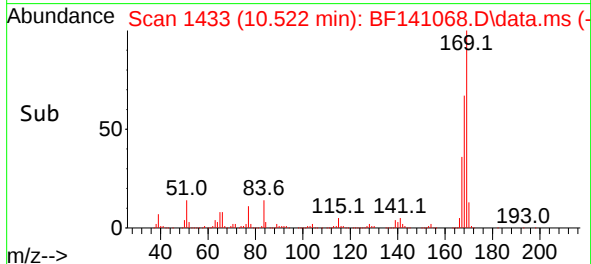
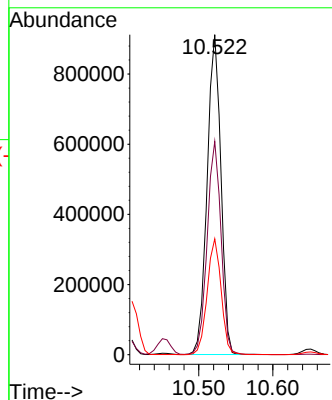
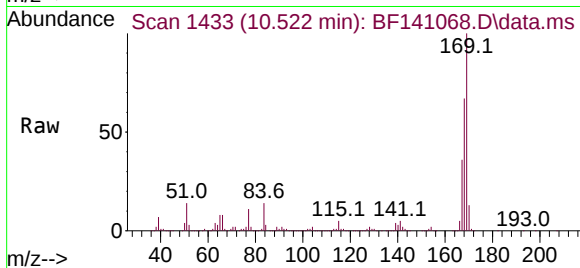




#66
n-Nitrosodiphenylamine
Concen: 43.863 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

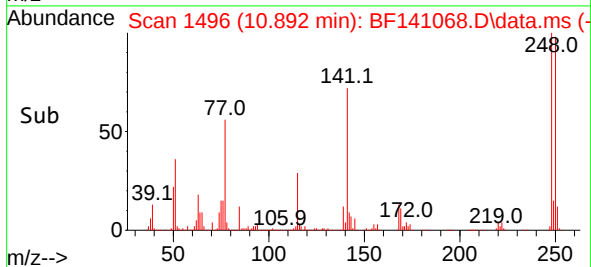
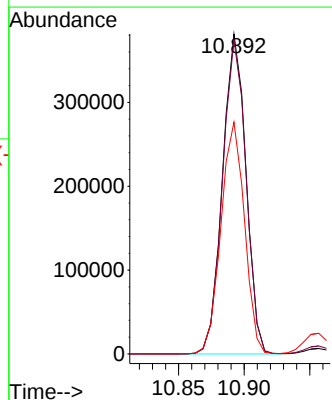
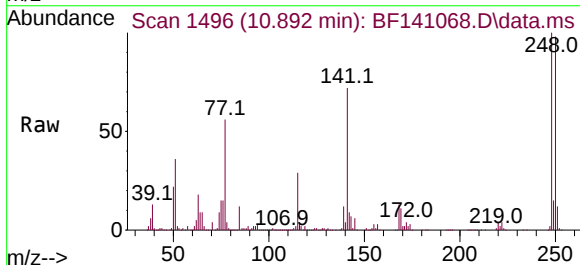
Instrument :
BNA_F
ClientSampleId :
341-349MS

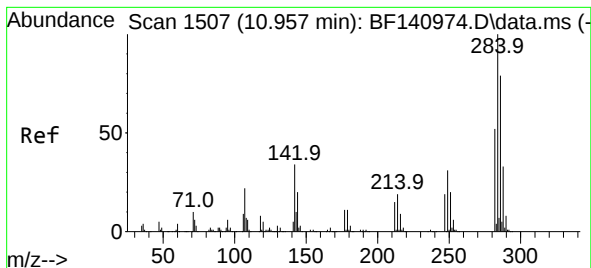
Tgt Ion:169 Resp: 1177534
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 36.2 29.0 43.4



#67
4-Bromophenyl-phenylether
Concen: 51.422 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:248 Resp: 473899
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 72.5 62.1 93.1





#68

Hexachlorobenzene

Concen: 50.585 ng

RT: 10.957 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

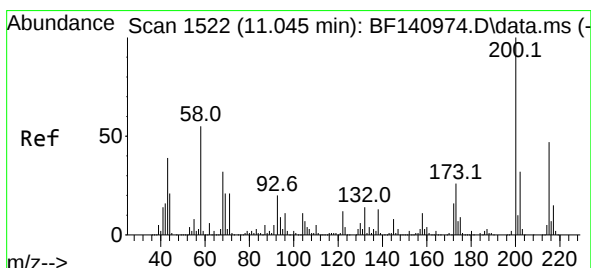
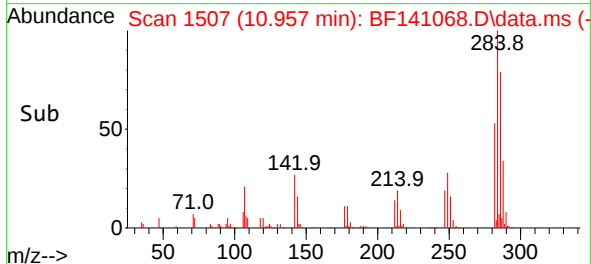
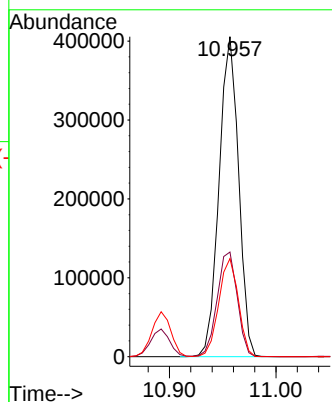
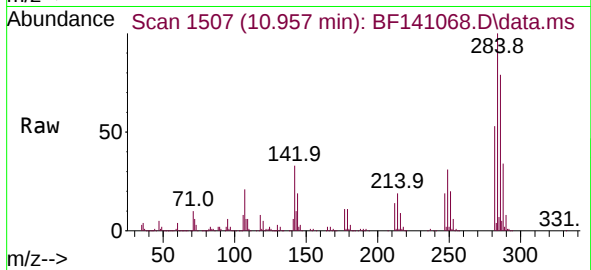
Tgt Ion:284 Resp: 514039

Ion Ratio Lower Upper

284 100

142 32.7 27.1 40.7

249 30.6 25.1 37.7



#69

Atrazine

Concen: 38.471 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

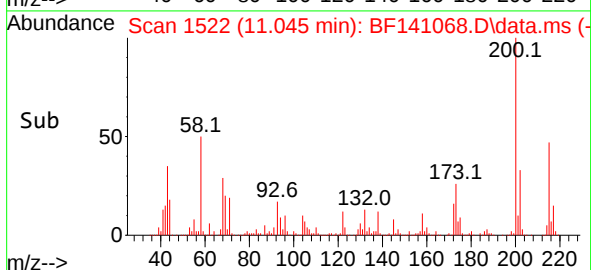
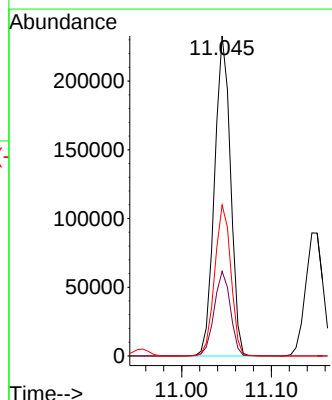
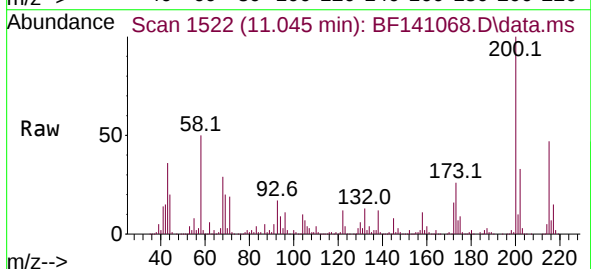
Tgt Ion:200 Resp: 288520

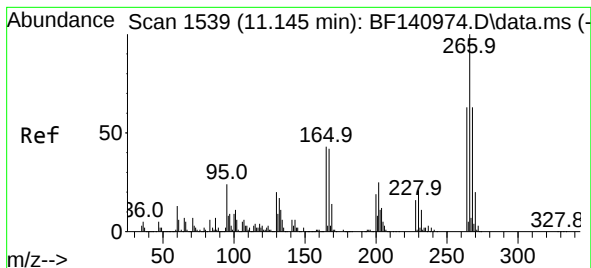
Ion Ratio Lower Upper

200 100

173 26.4 6.4 46.4

215 47.2 27.2 67.2





#70

Pentachlorophenol

Concen: 106.838 ng

RT: 11.151 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

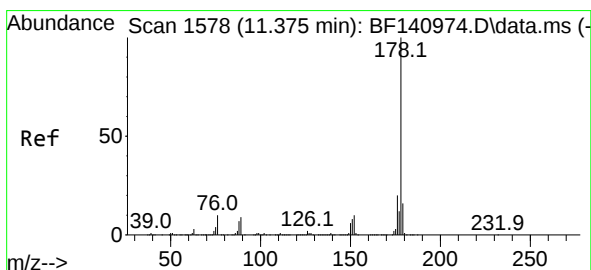
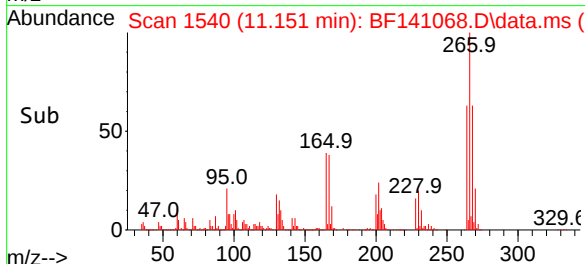
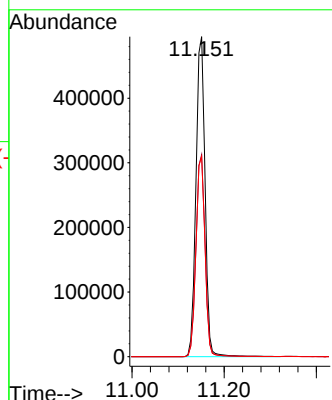
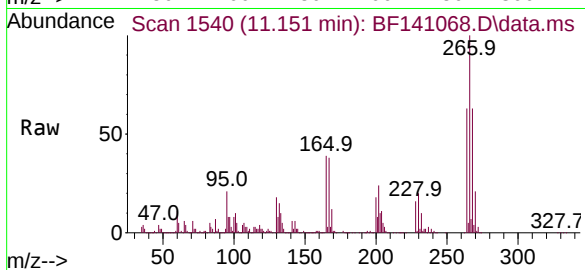
Tgt Ion:266 Resp: 675946

Ion Ratio Lower Upper

266 100

268 63.1 50.5 75.7

264 62.6 50.2 75.4



#71

Phenanthrene

Concen: 49.774 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

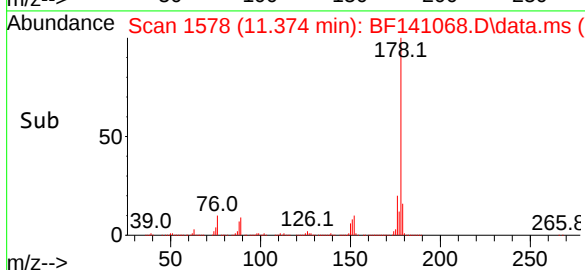
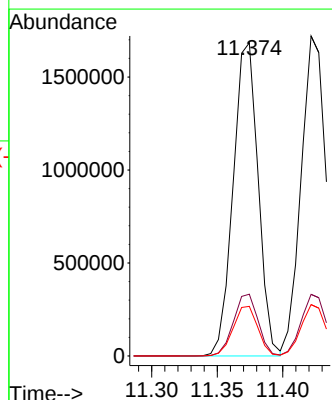
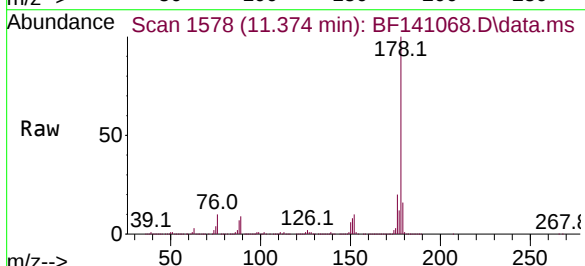
Tgt Ion:178 Resp: 2233267

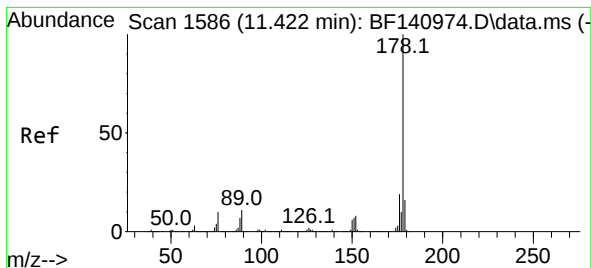
Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.8 12.6 19.0





#72

Anthracene

Concen: 51.447 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

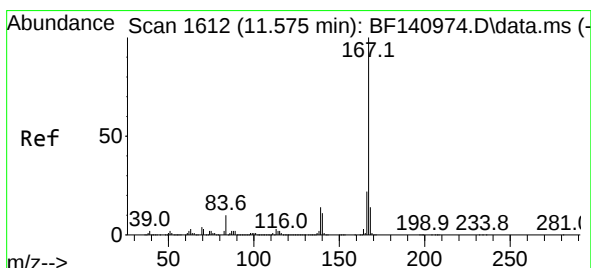
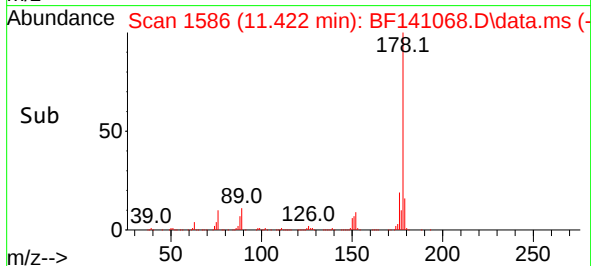
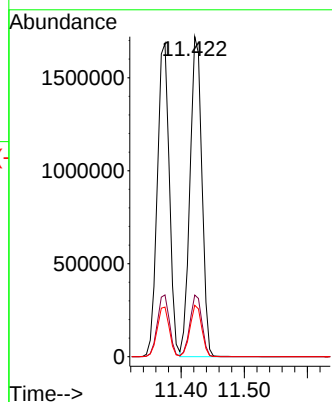
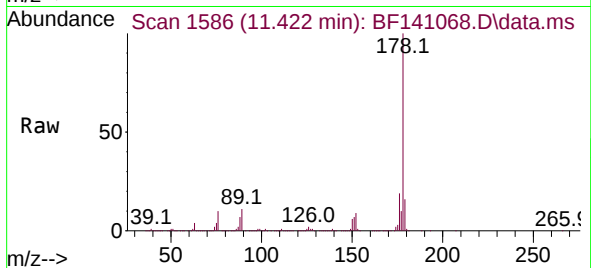
Tgt Ion:178 Resp: 2261896

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 16.0 12.9 19.3



#73

Carbazole

Concen: 42.378 ng

RT: 11.574 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

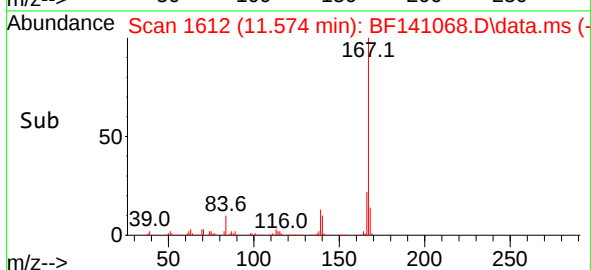
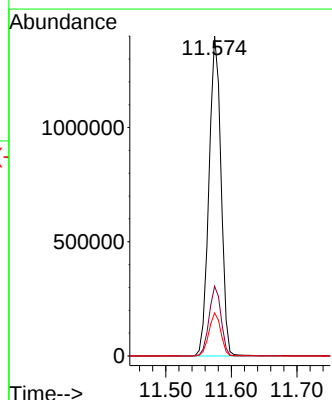
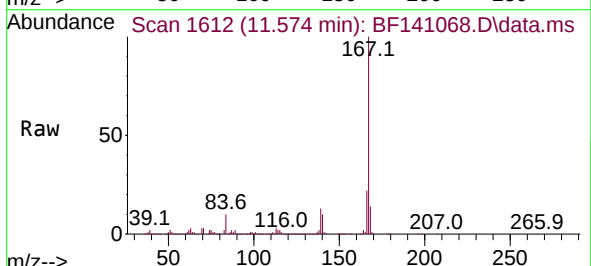
Tgt Ion:167 Resp: 1791109

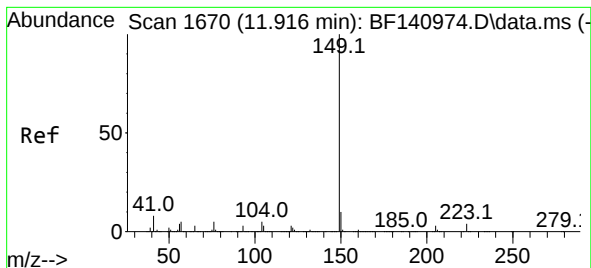
Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.5 11.0 16.4





#74

Di-n-butylphthalate

Concen: 51.124 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

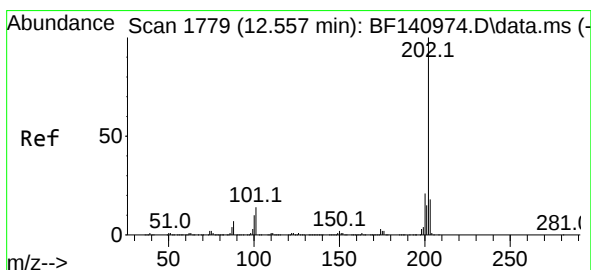
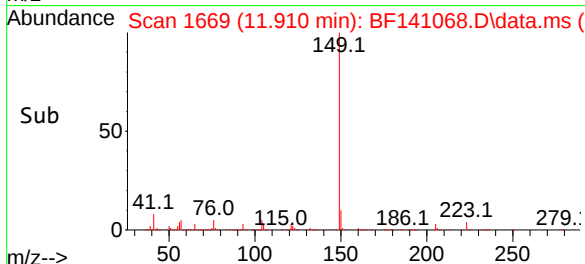
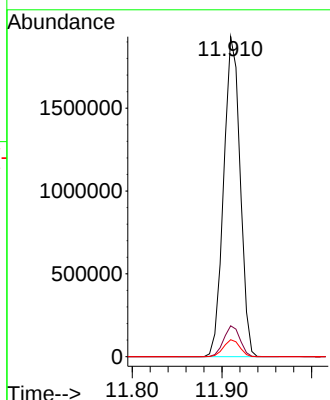
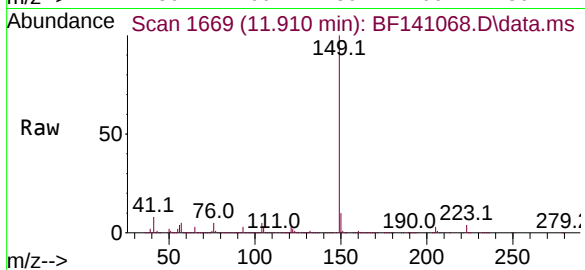
Tgt Ion:149 Resp: 2457636

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

104 5.3 4.1 6.1



#75

Fluoranthene

Concen: 46.943 ng

RT: 12.557 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

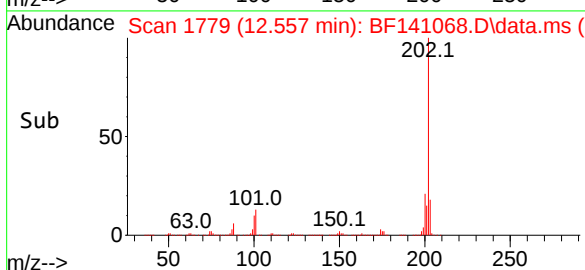
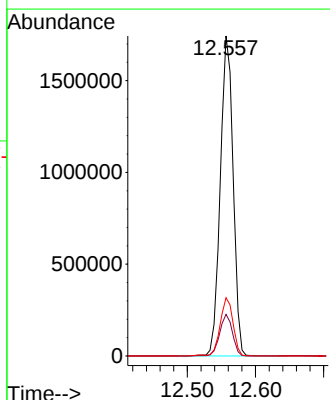
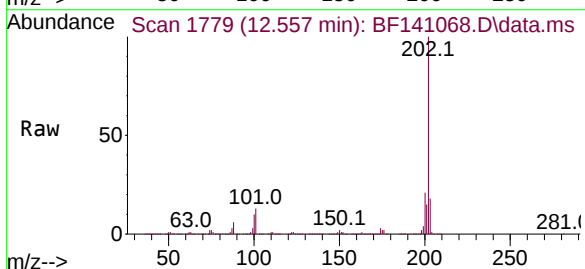
Tgt Ion:202 Resp: 2284394

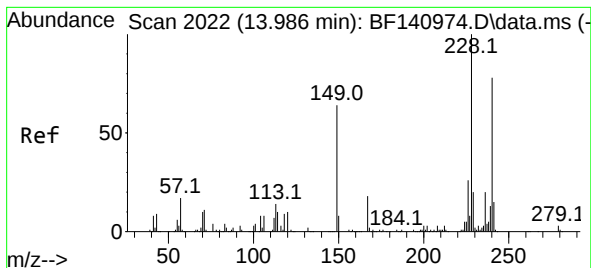
Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.7

203 18.2 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: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

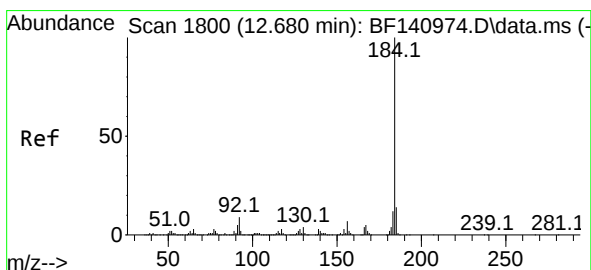
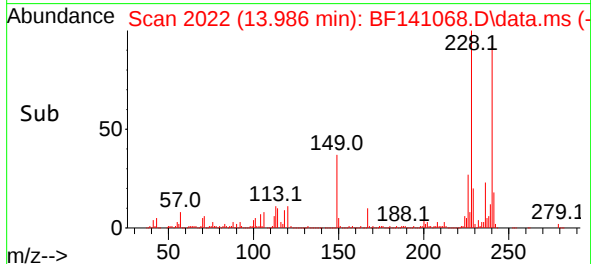
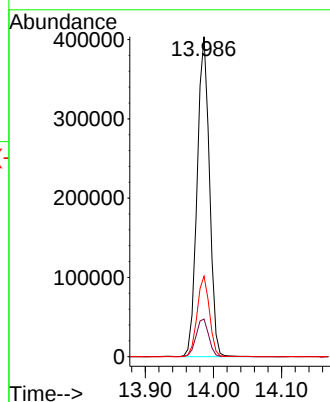
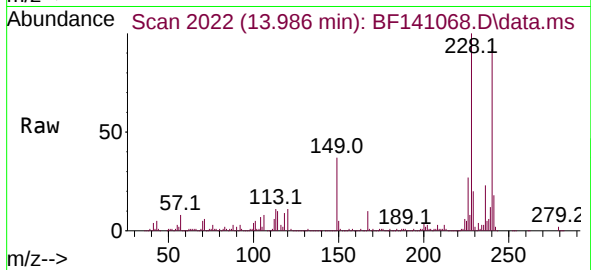
Tgt Ion:240 Resp: 505955

Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

236 25.2 20.6 31.0



#77

Benidine

Concen: 4.101 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

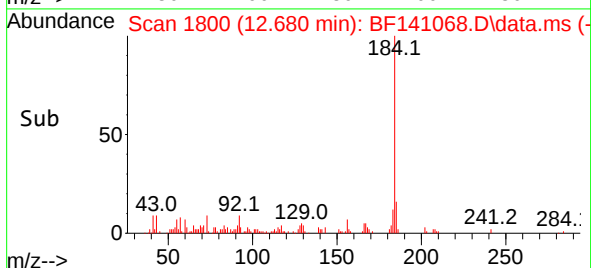
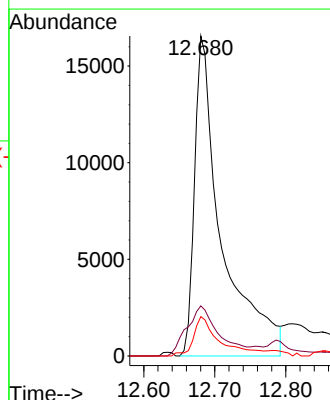
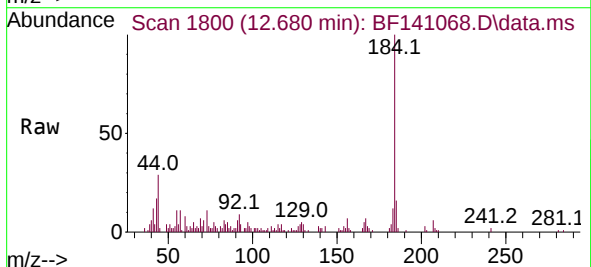
Tgt Ion:184 Resp: 43852

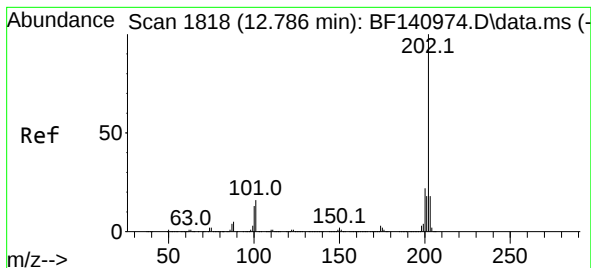
Ion Ratio Lower Upper

184 100

185 15.7 11.4 17.2

183 12.3 9.4 14.0





#78

Pyrene

Concen: 51.820 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

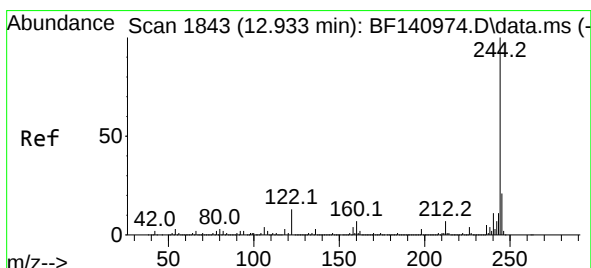
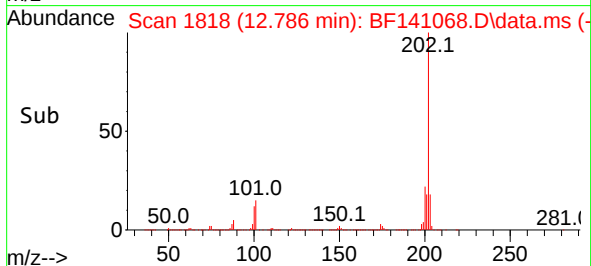
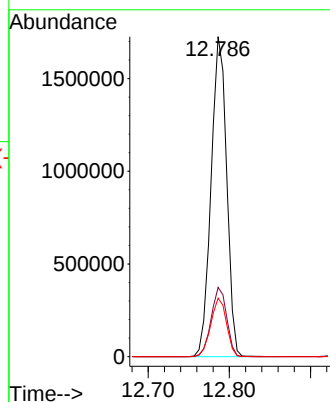
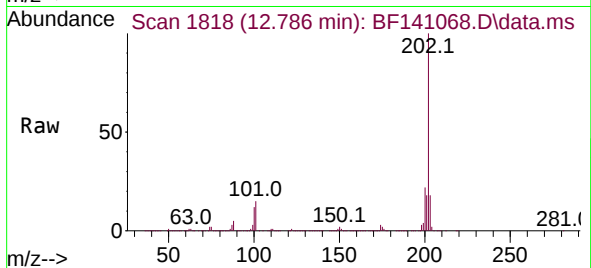
Tgt Ion:202 Resp: 2293039

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 18.3 14.6 21.8



#79

Terphenyl-d14

Concen: 109.625 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

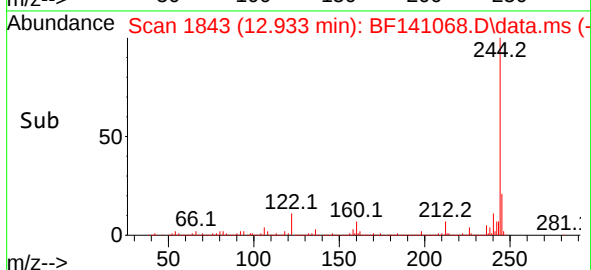
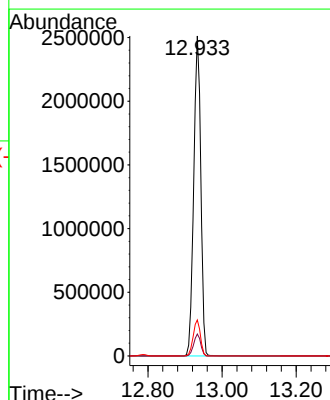
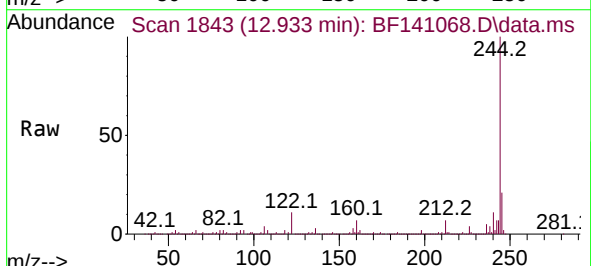
Tgt Ion:244 Resp: 3339279

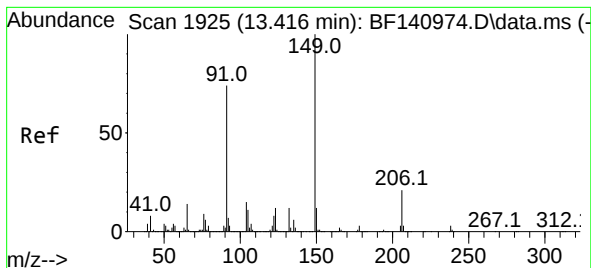
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.3 10.2 15.2





#80

Butylbenzylphthalate

Concen: 58.249 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

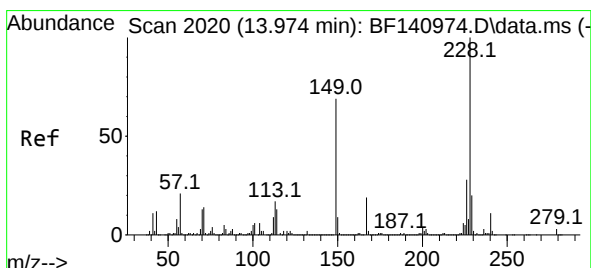
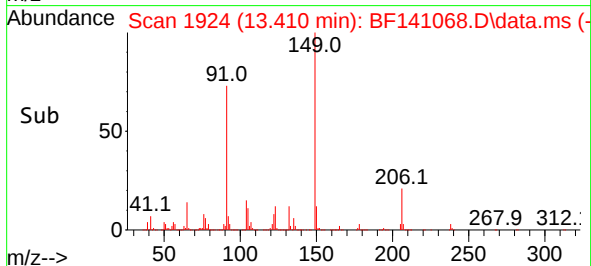
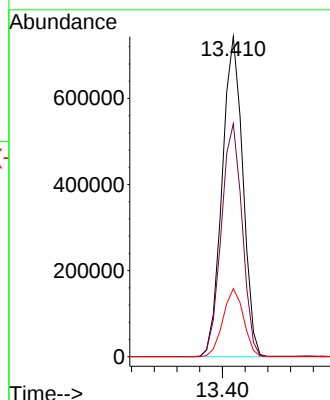
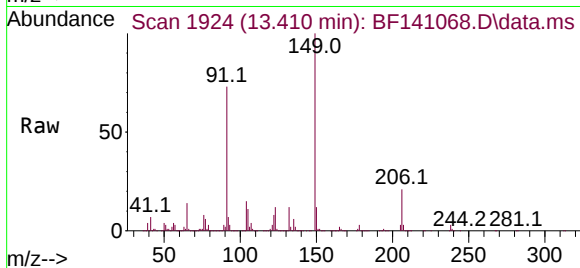
Tgt Ion:149 Resp: 941179

Ion Ratio Lower Upper

149 100

91 72.8 59.5 89.3

206 21.2 17.1 25.7



#81

Benzo(a)anthracene

Concen: 45.313 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

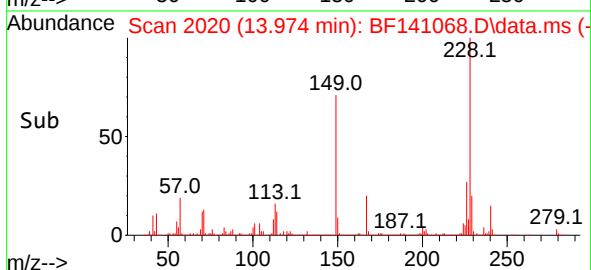
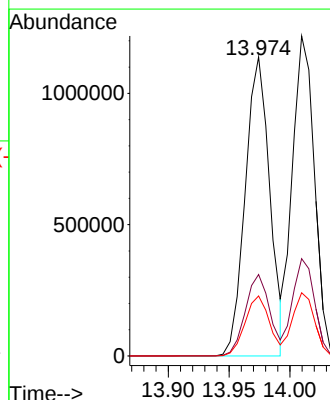
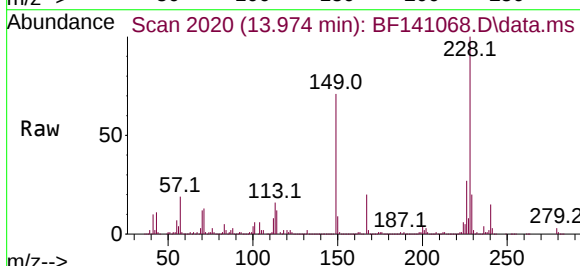
Tgt Ion:228 Resp: 1597839

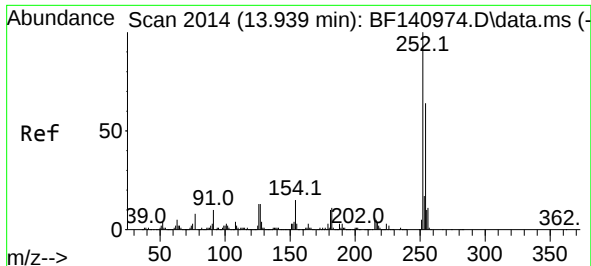
Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 20.0 16.2 24.2

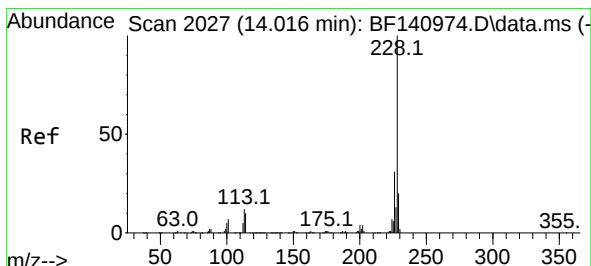
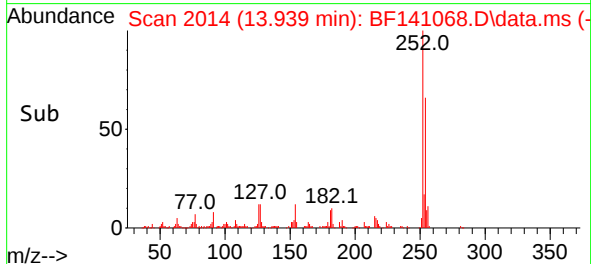
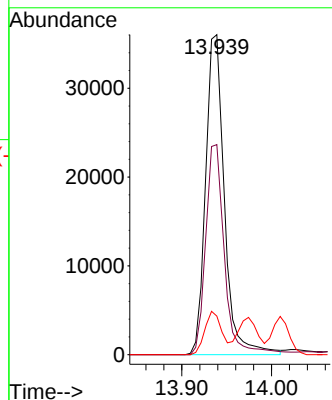
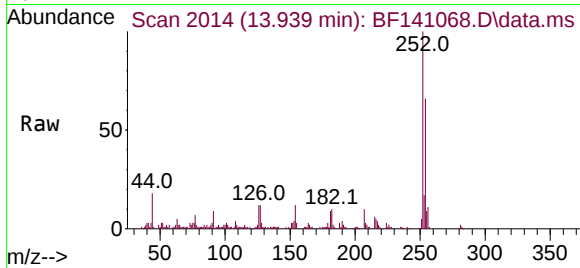




#82
 3,3'-Dichlorobenzidine
 Concen: 4.952 ng
 RT: 13.939 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: BF141068.D
 Acq: 03 Jan 2025 15:29

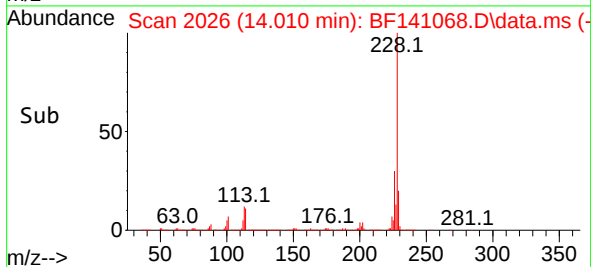
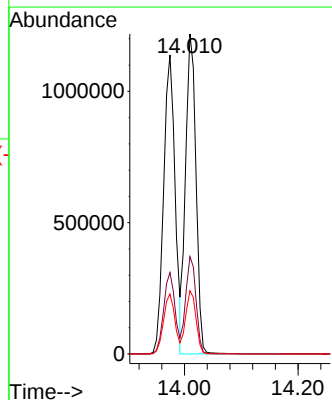
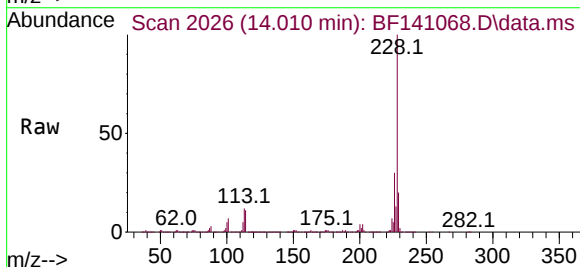
Instrument :
 BNA_F
 ClientSampleId :
 341-349MS

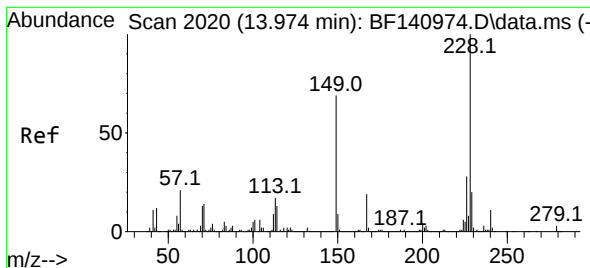
Tgt Ion:252 Resp: 52459
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.5 77.3
 126 12.1 10.3 15.5



#83
 Chrysene
 Concen: 48.513 ng
 RT: 14.010 min Scan# 2026
 Delta R.T. -0.006 min
 Lab File: BF141068.D
 Acq: 03 Jan 2025 15:29

Tgt Ion:228 Resp: 1542099
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.5 36.7
 229 19.8 16.2 24.4

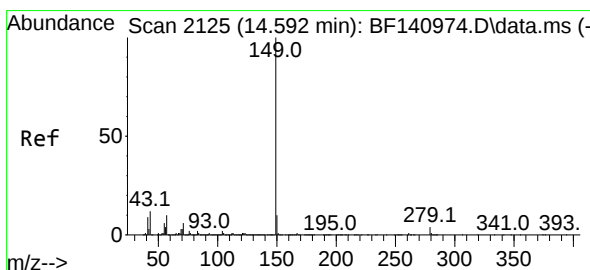
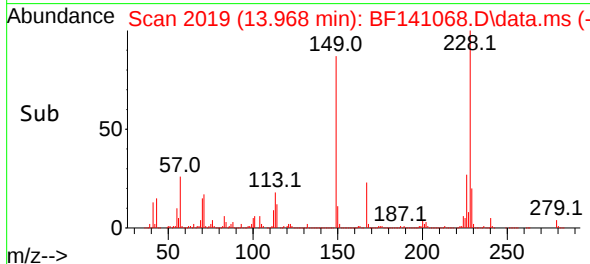
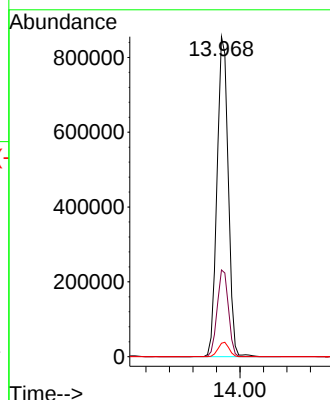
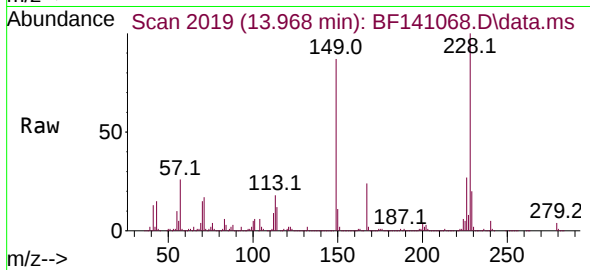




#84
Bis(2-ethylhexyl)phthalate
Concen: 53.934 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

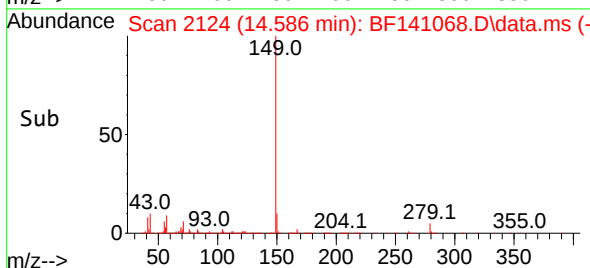
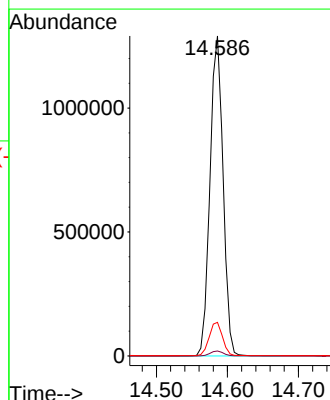
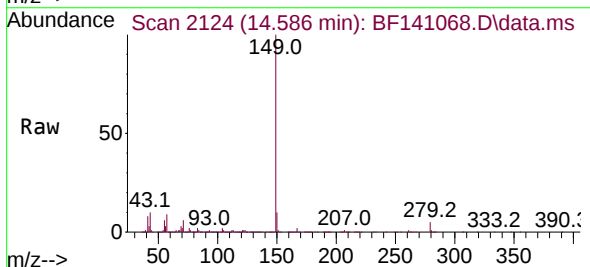
Instrument :
BNA_F
ClientSampleId :
341-349MS

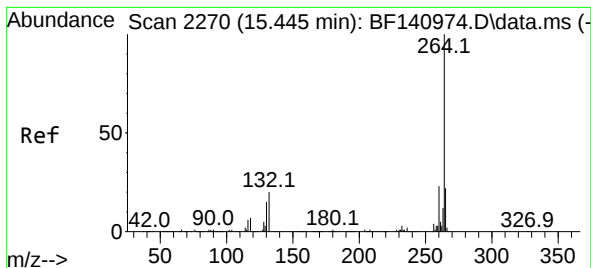
Tgt Ion:149 Resp: 1130411
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.2 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 54.487 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:149 Resp: 1652856
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 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: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

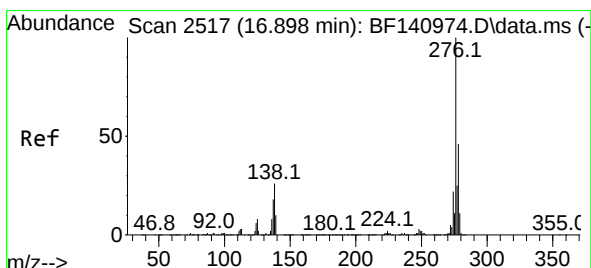
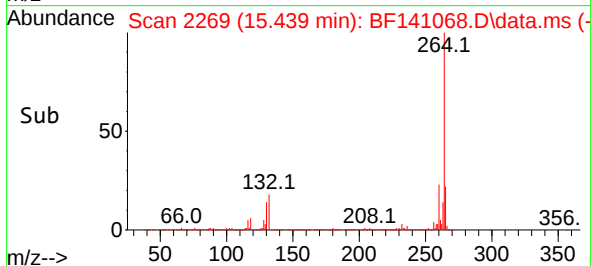
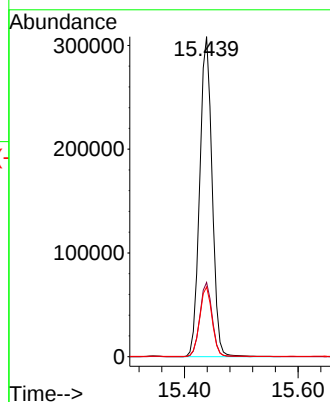
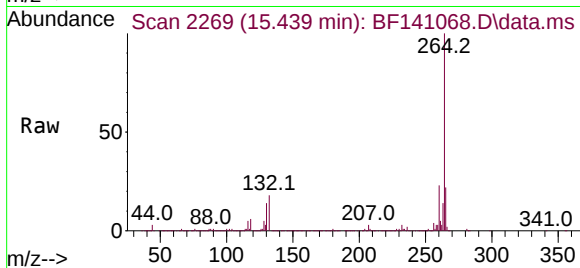
Tgt Ion:264 Resp: 467838

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.8 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 58.592 ng

RT: 16.892 min Scan# 2516

Delta R.T. -0.006 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

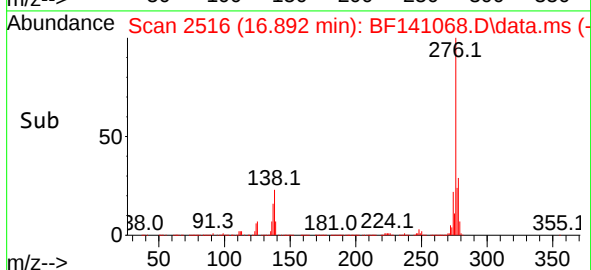
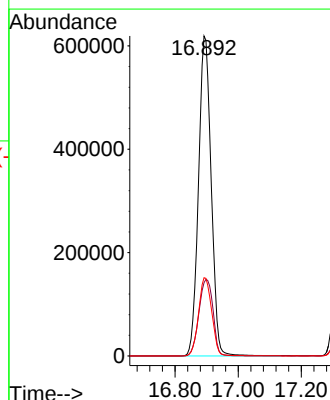
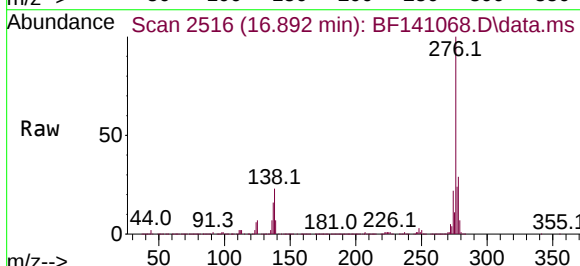
Tgt Ion:276 Resp: 1726993

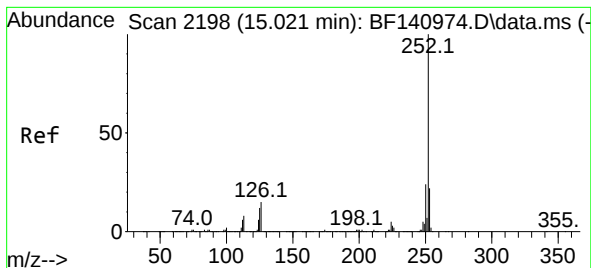
Ion Ratio Lower Upper

276 100

138 26.7 23.1 34.7

277 25.4 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 48.226 ng

RT: 15.015 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS

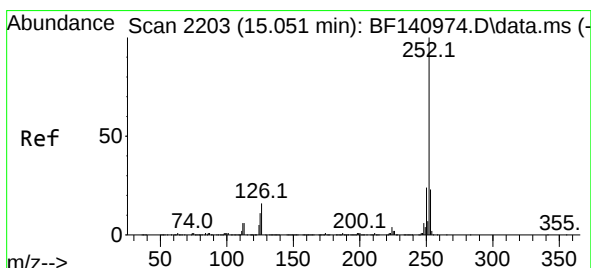
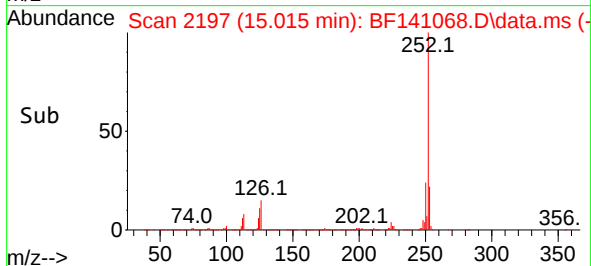
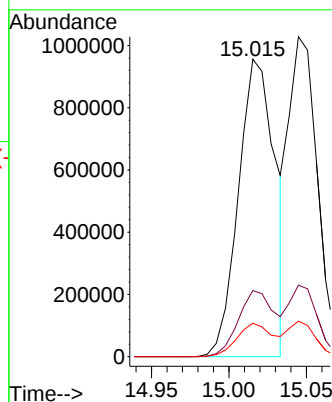
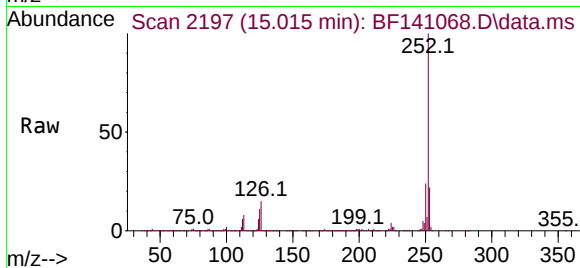
Tgt Ion:252 Resp: 1573568

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.3 9.3 13.9



#89

Benzo(k)fluoranthene

Concen: 51.759 ng

RT: 15.045 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BF141068.D

Acq: 03 Jan 2025 15:29

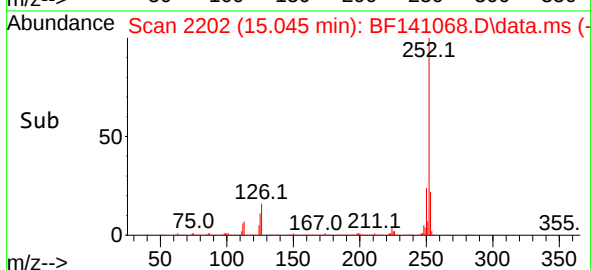
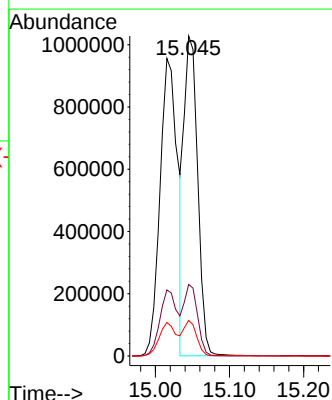
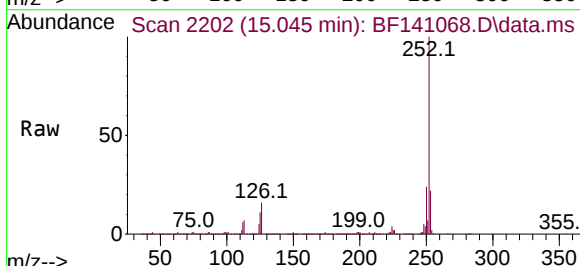
Tgt Ion:252 Resp: 1323643

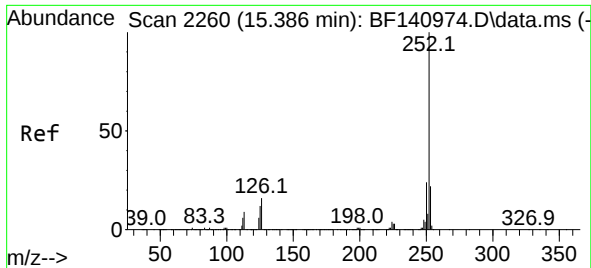
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 11.1 9.4 14.0

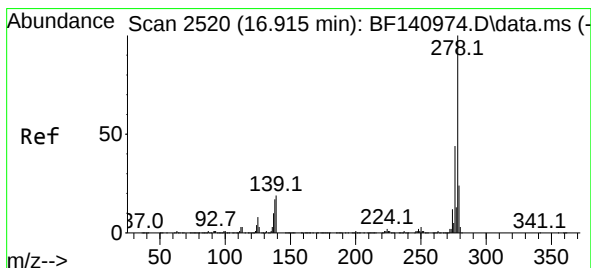
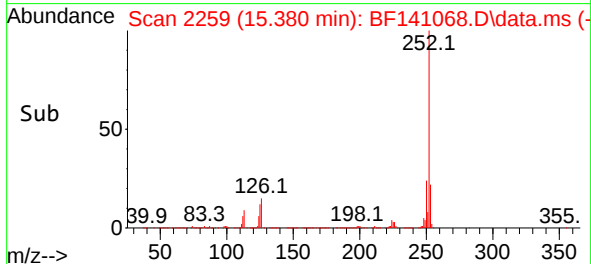
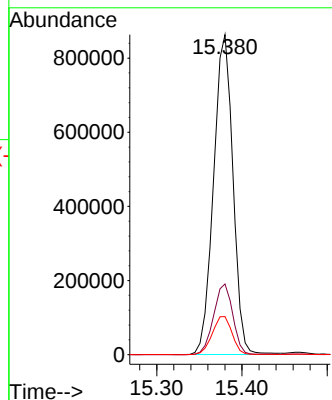
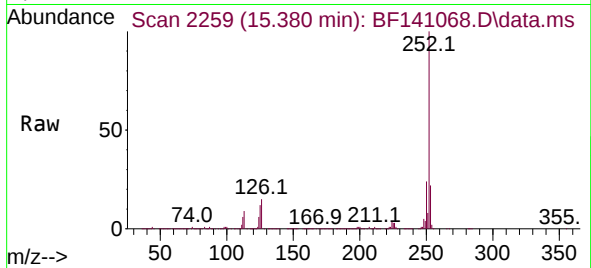




#90
Benzo(a)pyrene
Concen: 53.808 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

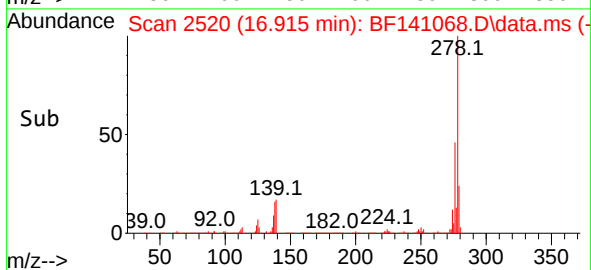
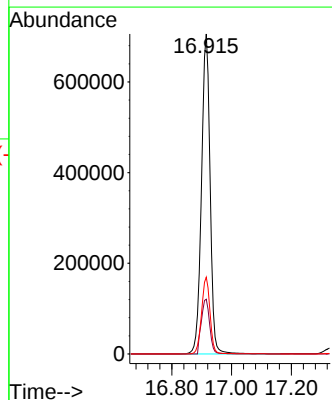
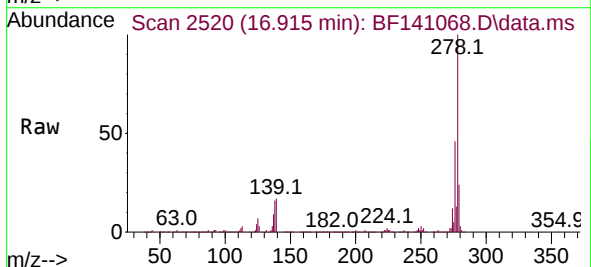
Instrument :
BNA_F
ClientSampleId :
341-349MS

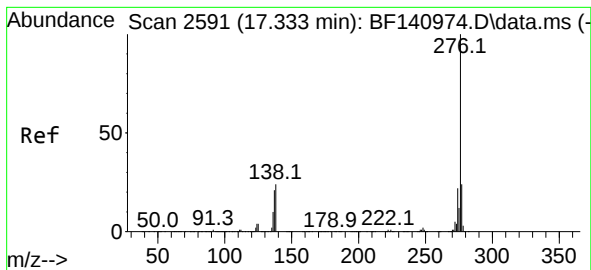
Tgt Ion:252 Resp: 1362744
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.9 9.8 14.8



#91
Dibenzo(a,h)anthracene
Concen: 59.199 ng
RT: 16.915 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BF141068.D
Acq: 03 Jan 2025 15:29

Tgt Ion:278 Resp: 1414422
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: 51.200 ng

RT: 17.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141068.D

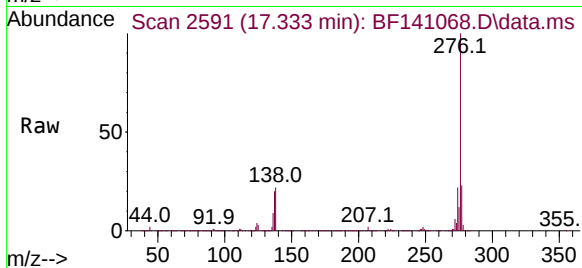
Acq: 03 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

341-349MS



Tgt Ion:276 Resp: 1268784

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 22.1 19.4 29.2

