

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142076.D
 Acq On : 25 Mar 2025 14:07
 Operator : RC/JU
 Sample : PB167230BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167230BSD

Quant Time: Mar 25 14:27:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	136991	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	554295	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	310206	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	551314	20.000	ng	0.00
76) Chrysene-d12	14.033	240	312772	20.000	ng	0.00
86) Perylene-d12	15.504	264	282745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1210036	147.419	ng	0.01
7) Phenol-d6	6.504	99	1497824	143.321	ng	0.00
23) Nitrobenzene-d5	7.439	82	1003110	101.843	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	695015	176.607	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2097074	102.811	ng	0.00
79) Terphenyl-d14	12.980	244	2699500	127.604	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	152248	44.268	ng	97
3) Pyridine	3.498	79	356690	42.281	ng	97
4) n-Nitrosodimethylamine	3.440	42	179267	44.578	ng	96
6) Aniline	6.534	93	382863	37.136	ng	# 90
8) 2-Chlorophenol	6.657	128	457415	50.246	ng	98
9) Benzaldehyde	6.422	77	116622	19.953	ng	99
10) Phenol	6.516	94	524508	47.706	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	390292	47.276	ng	97
12) 1,3-Dichlorobenzene	6.816	146	479185	48.756	ng	98
13) 1,4-Dichlorobenzene	6.892	146	487746	49.049	ng	98
14) 1,2-Dichlorobenzene	7.045	146	468471	50.017	ng	98
15) Benzyl Alcohol	7.016	79	389694	46.124	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	433731	43.517	ng	94
17) 2-Methylphenol	7.122	107	362963	50.145	ng	99
18) Hexachloroethane	7.386	117	183413	49.187	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	291843	43.460	ng	99
20) 3+4-Methylphenols	7.275	107	451305	48.678	ng	# 87
22) Acetophenone	7.281	105	666925	50.243	ng	96
24) Nitrobenzene	7.457	77	462889	47.274	ng	97
25) Isophorone	7.692	82	837954	48.129	ng	100
26) 2-Nitrophenol	7.769	139	253993	52.852	ng	99
27) 2,4-Dimethylphenol	7.804	122	398426	60.209	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	507609	46.484	ng	99
29) 2,4-Dichlorophenol	8.010	162	406647	49.509	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	443112	48.953	ng	98
31) Naphthalene	8.175	128	1363723	47.895	ng	100
32) Benzoic acid	7.928	122	322042	55.364	ng	97
33) 4-Chloroaniline	8.222	127	180411	17.949	ng	98
34) Hexachlorobutadiene	8.292	225	299744	50.778	ng	99
35) Caprolactam	8.598	113	96981	38.728	ng	89
36) 4-Chloro-3-methylphenol	8.710	107	440622	48.090	ng	98
37) 2-Methylnaphthalene	8.869	142	850470	44.687	ng	100
38) 1-Methylnaphthalene	8.969	142	827502	45.057	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	509171	53.912	ng	98
41) Hexachlorocyclopentadiene	9.022	237	593019	160.440	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	312531	50.634	ng	99

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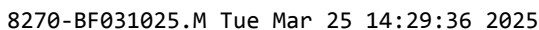
Instrument :
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 PB167230BSD

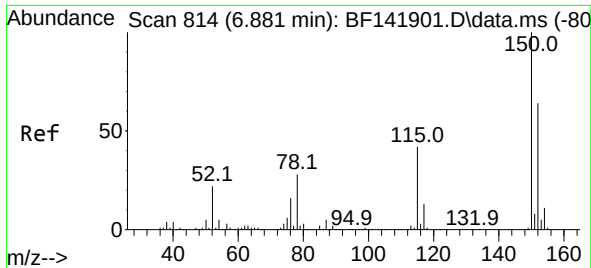
Quant Time: Mar 25 14:27:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	320095	51.204	ng	98
46) 1,1'-Biphenyl	9.333	154	1254785	53.237	ng	99
47) 2-Chloronaphthalene	9.357	162	856811	48.772	ng	99
48) 2-Nitroaniline	9.451	65	257316	50.587	ng	99
49) Acenaphthylene	9.775	152	1344860	51.587	ng	100
50) Dimethylphthalate	9.633	163	1063620	48.963	ng	100
51) 2,6-Dinitrotoluene	9.692	165	237758	52.567	ng	96
52) Acenaphthene	9.945	154	1008777	55.062	ng	100
53) 3-Nitroaniline	9.863	138	136998	29.861	ng	98
54) 2,4-Dinitrophenol	9.975	184	274653	104.668	ng	# 46
55) Dibenzofuran	10.116	168	1247894	47.669	ng	99
56) 4-Nitrophenol	10.027	139	366548	105.943	ng	96
57) 2,4-Dinitrotoluene	10.098	165	331326	56.087	ng	99
58) Fluorene	10.463	166	996612	49.367	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	297028	52.215	ng	98
60) Diethylphthalate	10.333	149	1053750	48.648	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	518686	49.281	ng	98
62) 4-Nitroaniline	10.480	138	218304	48.875	ng	99
63) Azobenzene	10.610	77	917760	45.573	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	189687	57.715	ng	94
66) n-Nitrosodiphenylamine	10.569	169	876873	49.150	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	348971	50.401	ng	98
68) Hexachlorobenzene	11.010	284	401680	52.895	ng	95
69) Atrazine	11.098	200	369149	67.495	ng	99
70) Pentachlorophenol	11.204	266	473454	101.191	ng	100
71) Phenanthrene	11.422	178	1511285	50.751	ng	100
72) Anthracene	11.474	178	1542089	51.617	ng	99
73) Carbazole	11.627	167	1288722	50.019	ng	100
74) Di-n-butylphthalate	11.957	149	1647015	48.177	ng	100
75) Fluoranthene	12.610	202	1555609	49.247	ng	99
77) Benzidine	12.727	184	255075	58.453	ng	100
78) Pyrene	12.839	202	1537555	56.830	ng	99
80) Butylbenzylphthalate	13.451	149	582881	55.043	ng	99
81) Benzo(a)anthracene	14.027	228	1083745	52.803	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	195753	33.004	ng	99
83) Chrysene	14.063	228	955583	51.363	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	773146	52.953	ng	100
85) Di-n-octyl phthalate	14.621	149	1070955	52.717	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	847297	46.325	ng	98
88) Benzo(b)fluoranthene	15.074	252	935996	48.302	ng	100
89) Benzo(k)fluoranthene	15.104	252	799945	48.238	ng	99
90) Benzo(a)pyrene	15.445	252	803800	53.012	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	687566	45.561	ng	99
92) Benzo(g,h,i)perylene	17.445	276	635638	42.623	ng	98

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

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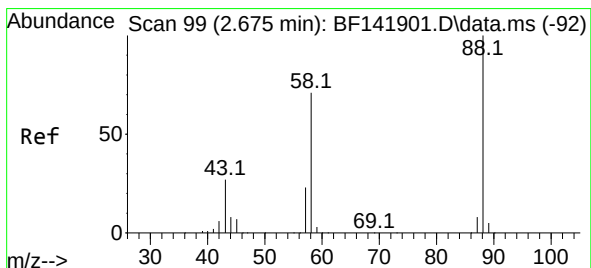
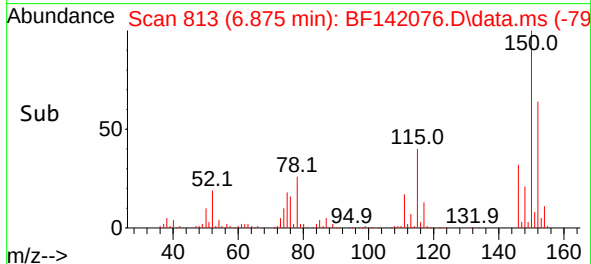
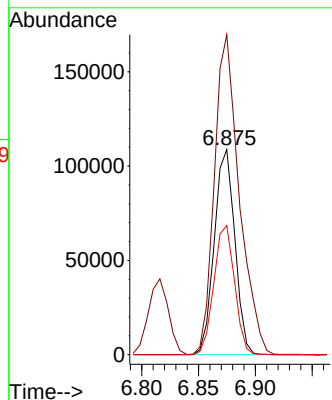
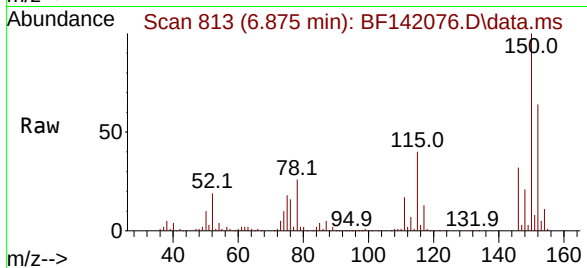




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF142076.D
 Acq: 25 Mar 2025 14:07

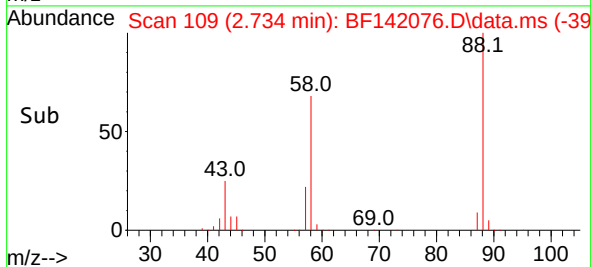
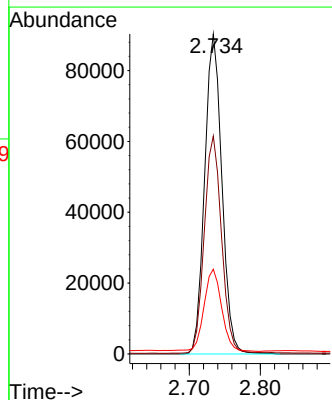
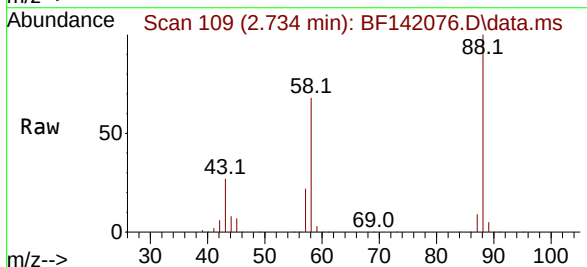
Instrument :
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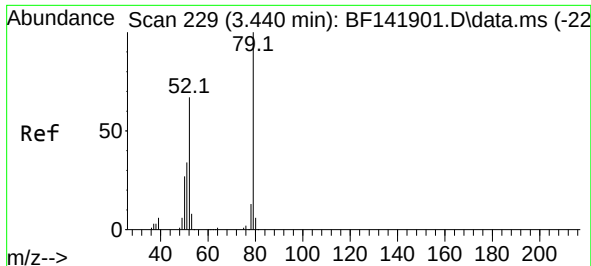
Tgt Ion:152 Resp: 136991
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.4 191.2
 115 63.0 51.9 77.9



#2
 1,4-Dioxane
 Concen: 44.268 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.059 min
 Lab File: BF142076.D
 Acq: 25 Mar 2025 14:07

Tgt Ion: 88 Resp: 152248
 Ion Ratio Lower Upper
 88 100
 58 68.6 57.4 86.2
 43 26.3 21.5 32.3





#3

Pyridine

Concen: 42.281 ng

RT: 3.498 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

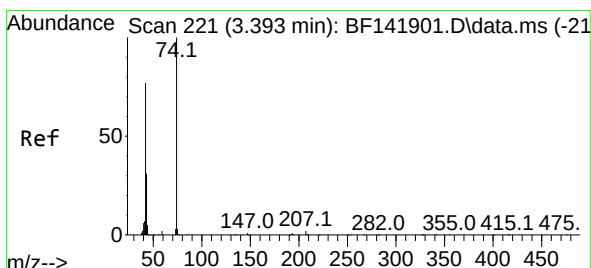
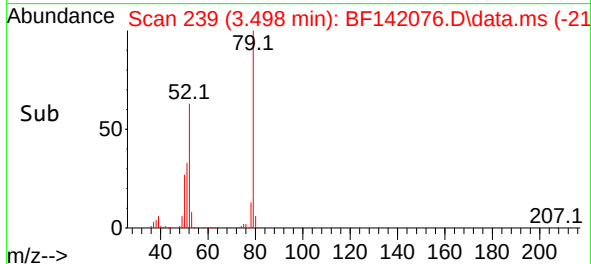
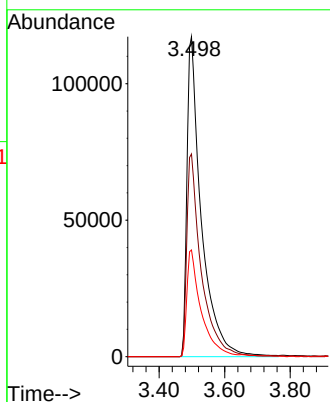
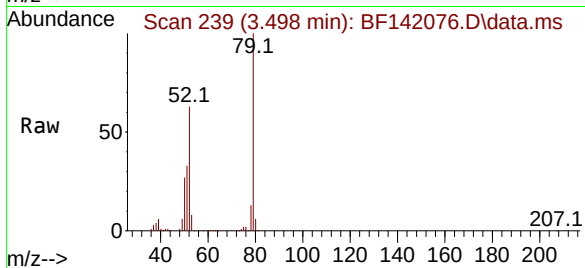
Tgt Ion: 79 Resp: 356690

Ion Ratio Lower Upper

79 100

52 63.3 53.3 79.9

51 33.4 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 44.578 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.047 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

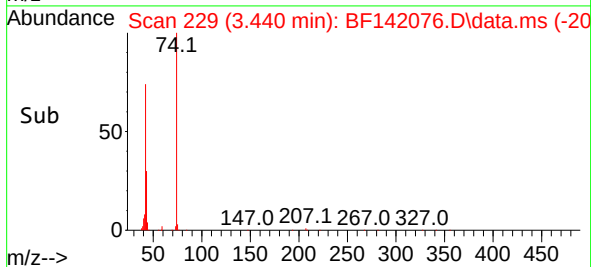
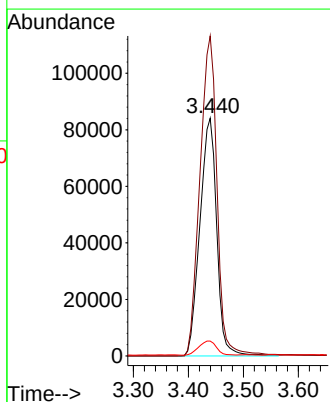
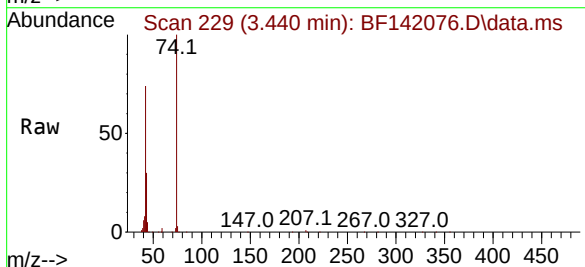
Tgt Ion: 42 Resp: 179267

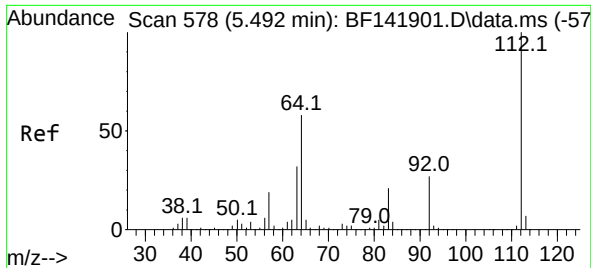
Ion Ratio Lower Upper

42 100

74 134.6 103.4 155.0

44 6.3 5.0 7.4

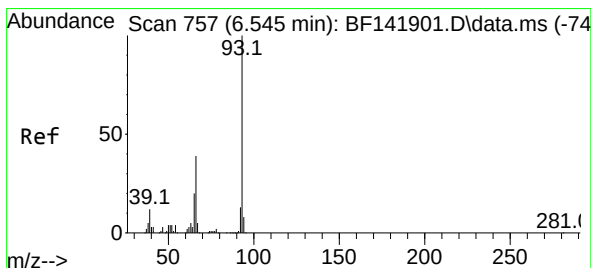
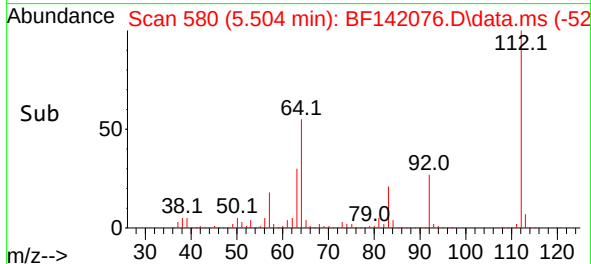
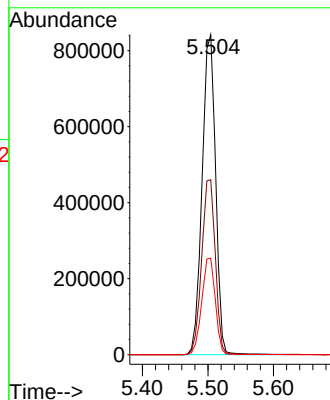
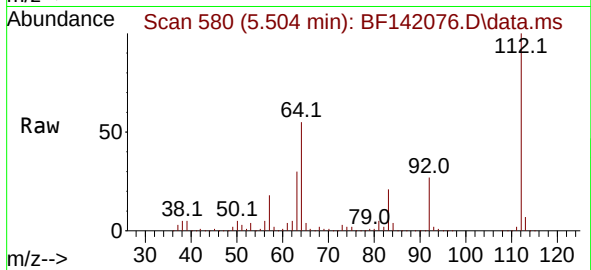




#5
2-Fluorophenol
Concen: 147.419 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

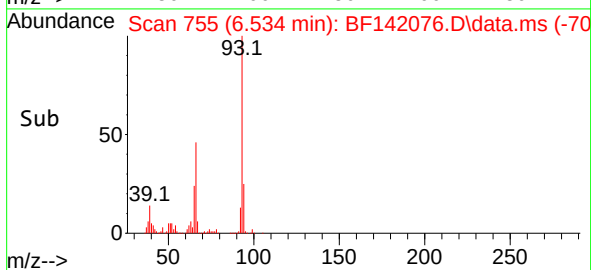
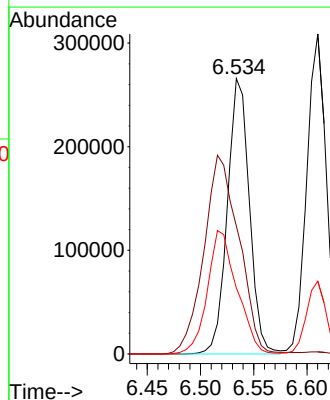
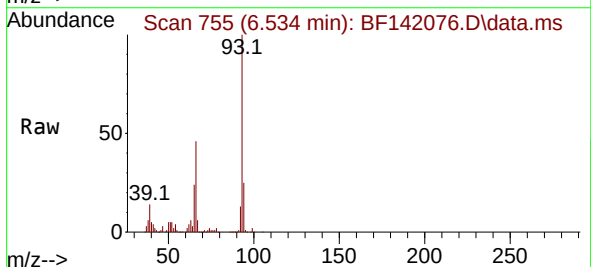
Instrument :
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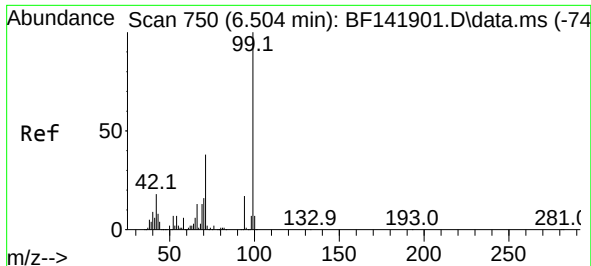
Tgt Ion:112 Resp: 1210036
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 30.1 25.4 38.2



#6
Aniline
Concen: 37.136 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion: 93 Resp: 382863
Ion Ratio Lower Upper
93 100
66 46.5 31.9 47.9
65 23.9 15.8 23.6#



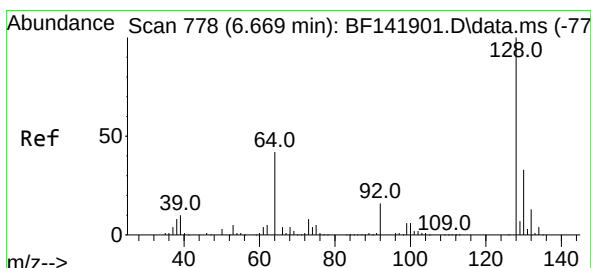
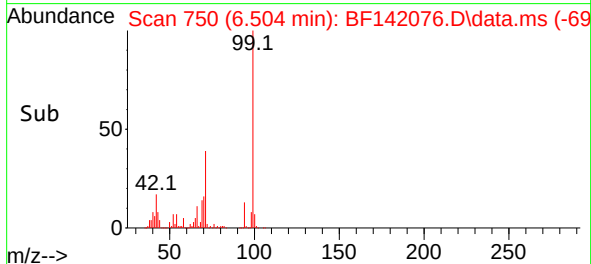
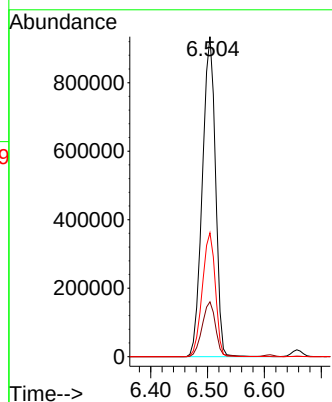
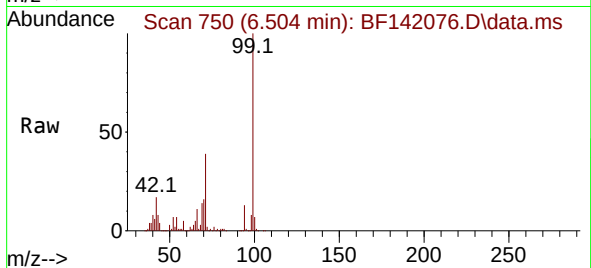


#7
Phenol-d6
Concen: 143.321 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Instrument :
BNA_F
ClientSampleId :
PB167230BSD

Tgt Ion: 99 Resp: 1497824

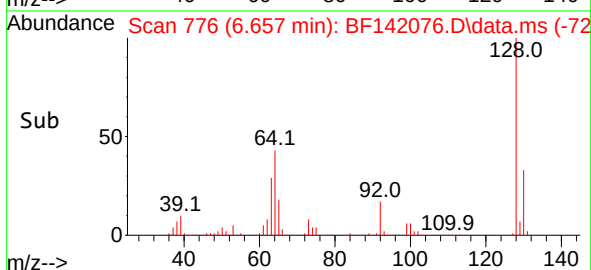
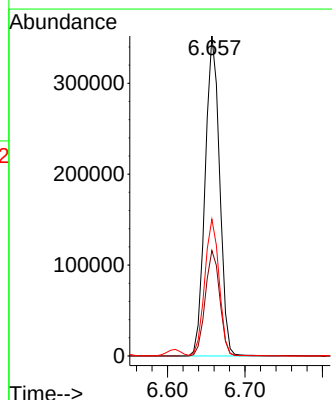
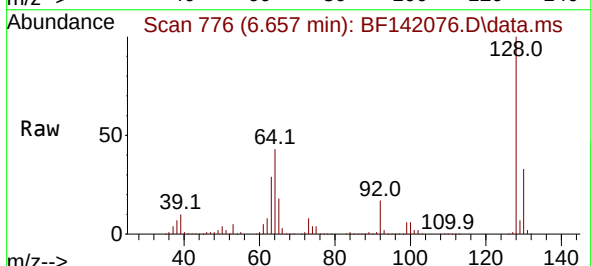
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.6	21.8
71	38.7	30.8	46.2

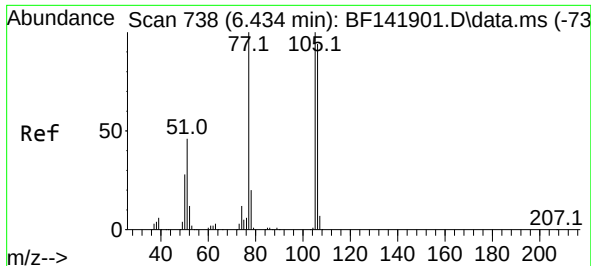


#8
2-Chlorophenol
Concen: 50.246 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:128 Resp: 457415

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	42.8	24.4	64.4

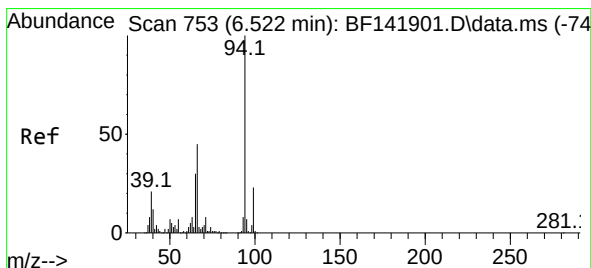
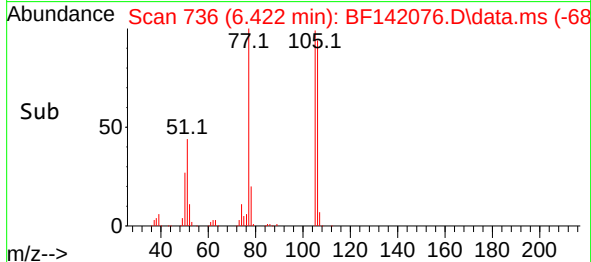
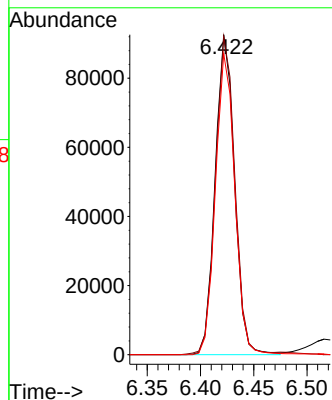
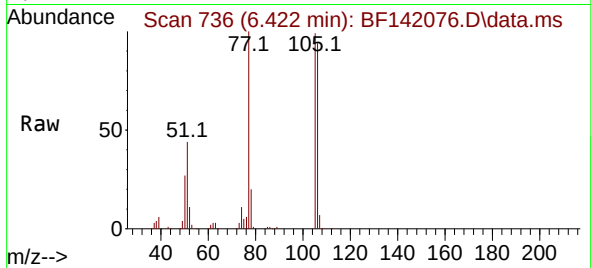




#9
Benzaldehyde
Concen: 19.953 ng
RT: 6.422 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

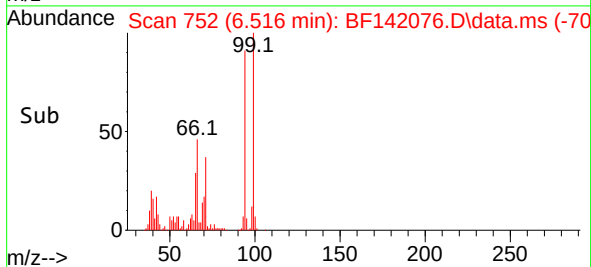
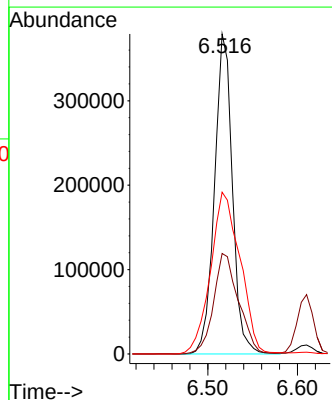
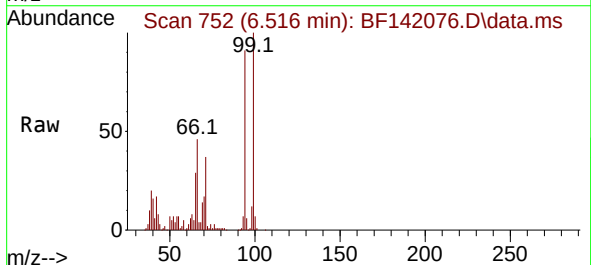
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

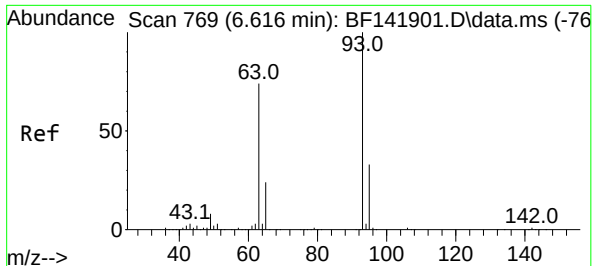
Tgt Ion: 77 Resp: 116622
Ion Ratio Lower Upper
77 100
105 99.4 80.0 120.0
106 94.1 74.5 114.5



#10
Phenol
Concen: 47.706 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion: 94 Resp: 524508
Ion Ratio Lower Upper
94 100
65 31.4 10.5 50.5
66 50.6 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 47.276 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

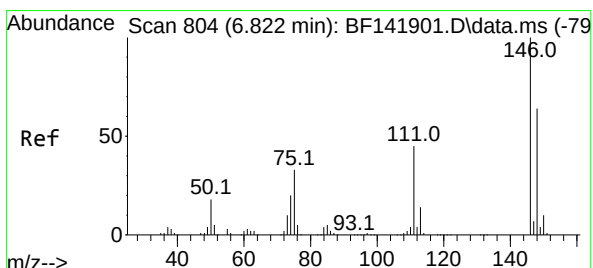
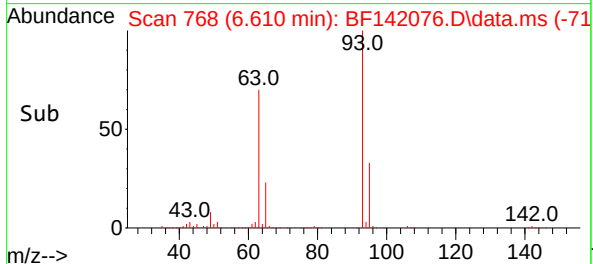
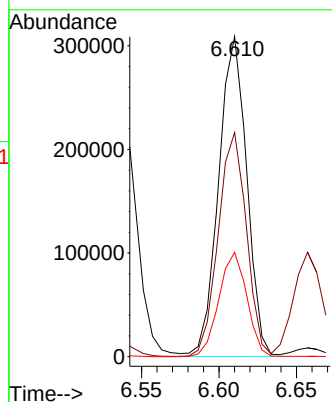
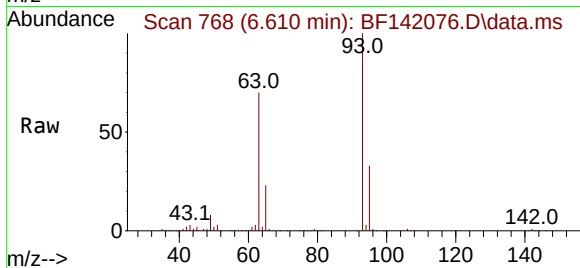
Tgt Ion: 93 Resp: 390292

Ion Ratio Lower Upper

93 100

63 70.1 53.0 93.0

95 32.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 48.756 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

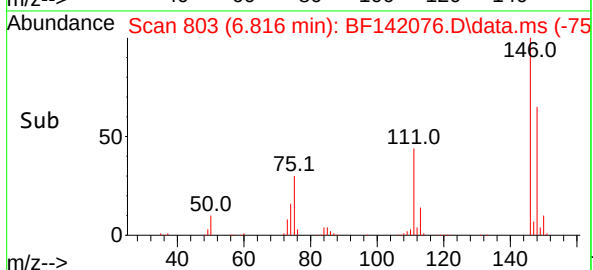
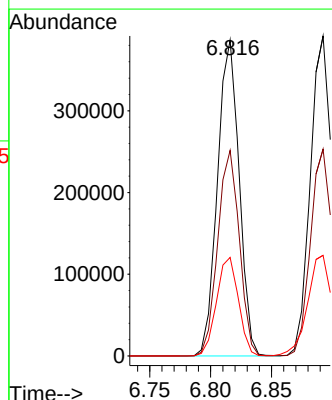
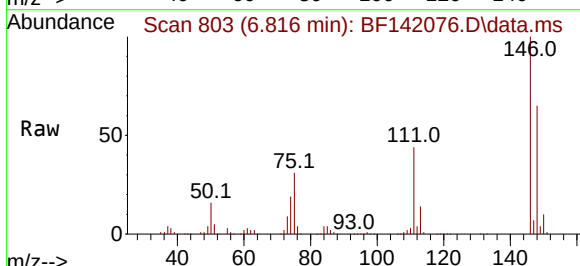
Tgt Ion:146 Resp: 479185

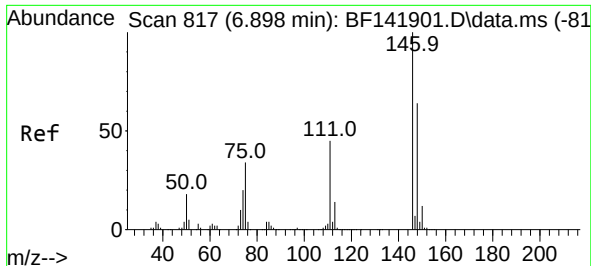
Ion Ratio Lower Upper

146 100

148 65.1 51.3 76.9

75 31.2 26.6 40.0

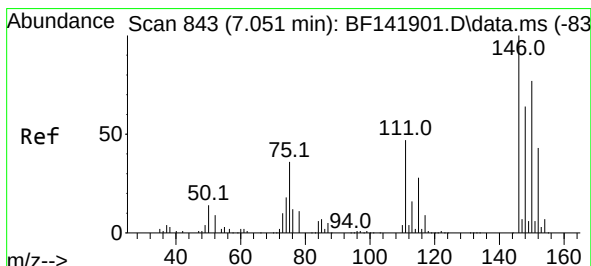
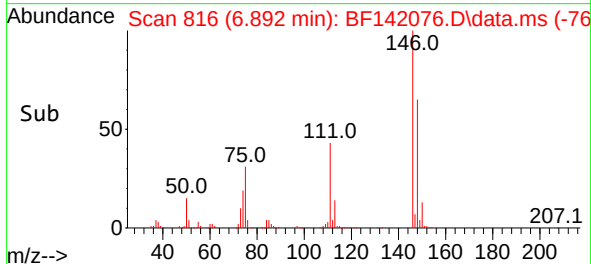
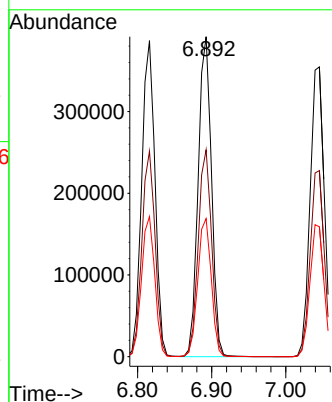
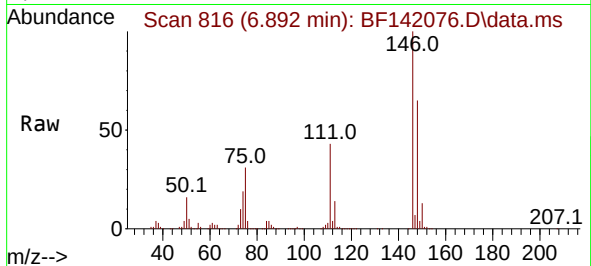




#13
1,4-Dichlorobenzene
Concen: 49.049 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

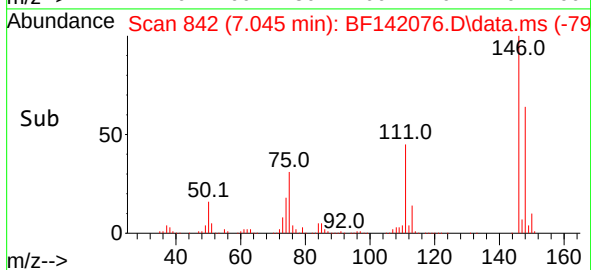
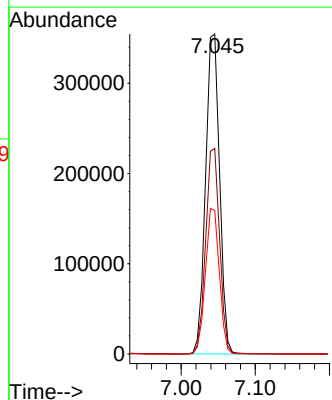
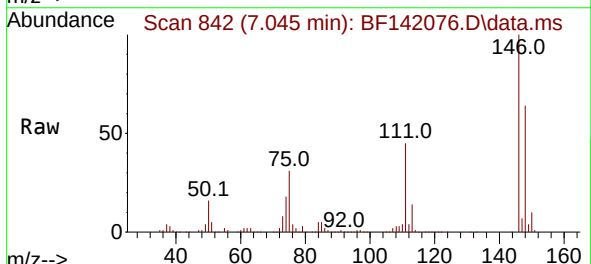
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

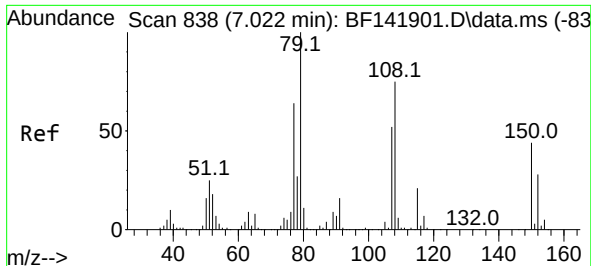
Tgt Ion:146 Resp: 487746
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 43.2 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 50.017 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:146 Resp: 468471
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 44.8 38.0 57.0





#15

Benzyl Alcohol

Concen: 46.124 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

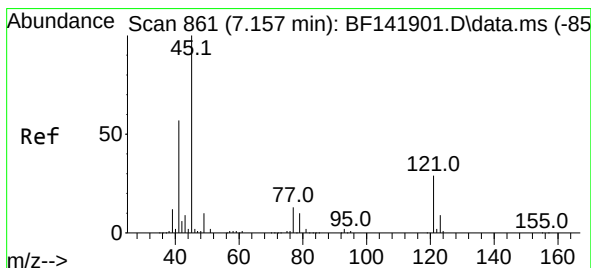
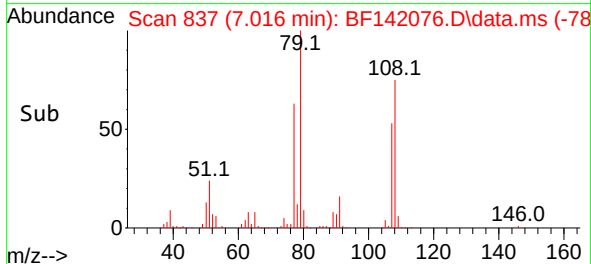
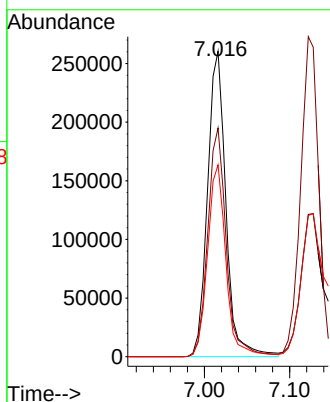
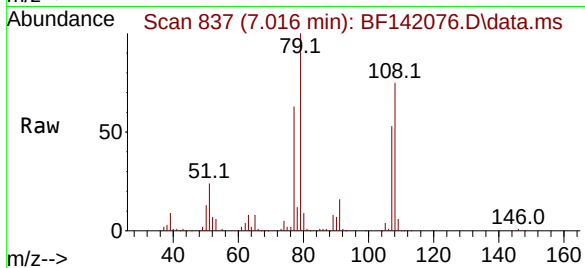
Tgt Ion: 79 Resp: 389694

Ion Ratio Lower Upper

79 100

108 74.9 59.7 89.5

77 62.8 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.517 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.012 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

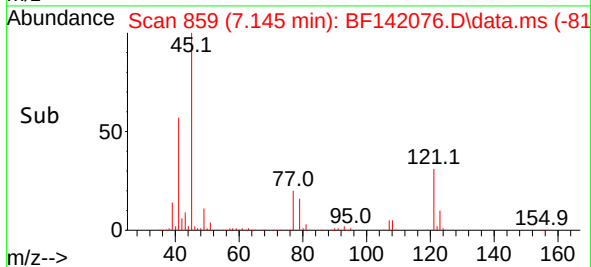
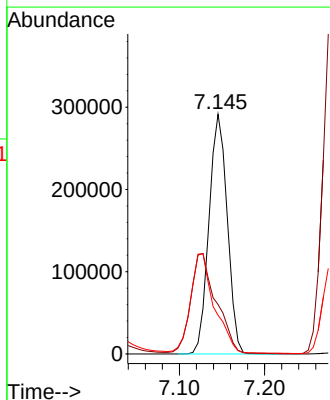
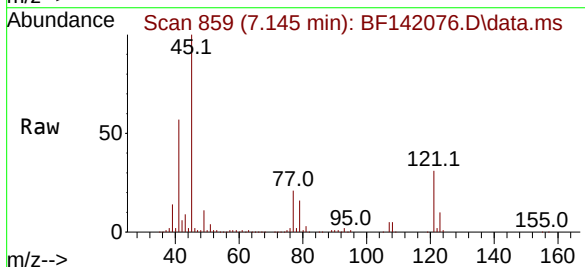
Tgt Ion: 45 Resp: 433731

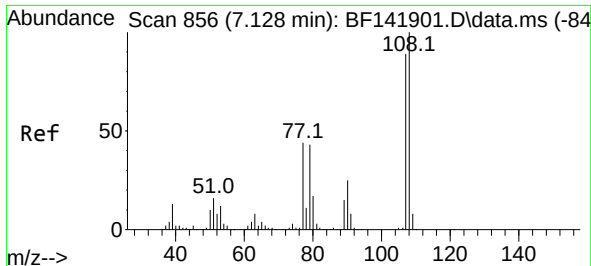
Ion Ratio Lower Upper

45 100

77 20.6 0.0 37.8

79 16.2 0.0 34.2

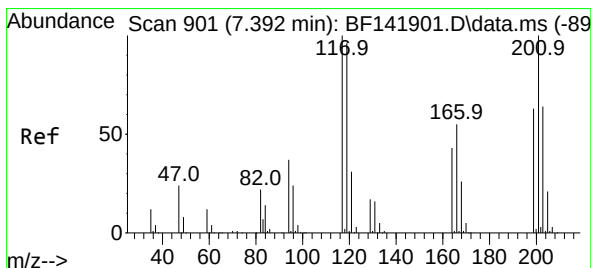
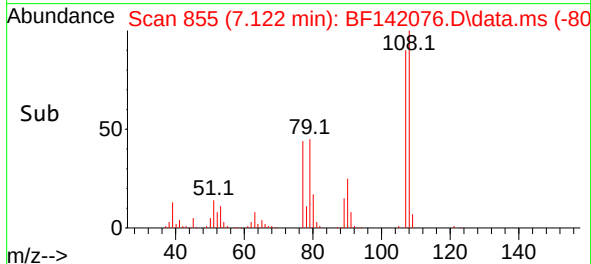
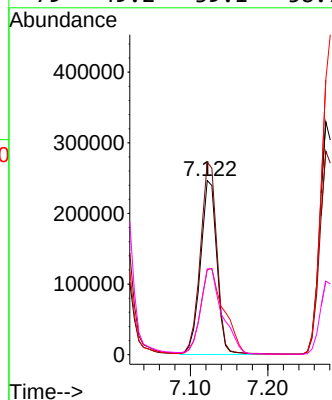
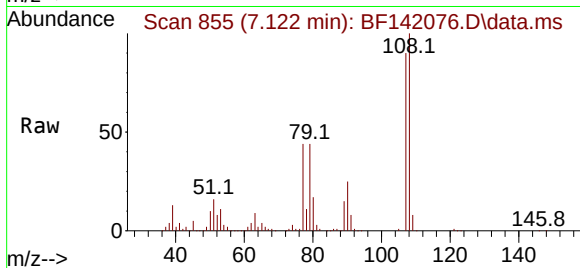




#17
2-Methylphenol
Concen: 50.145 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

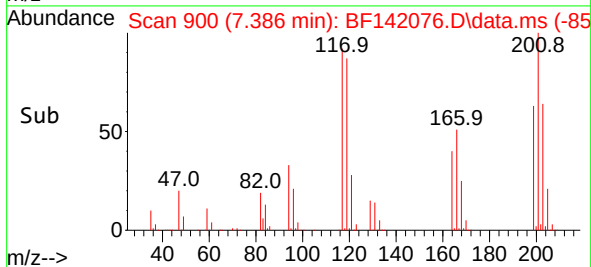
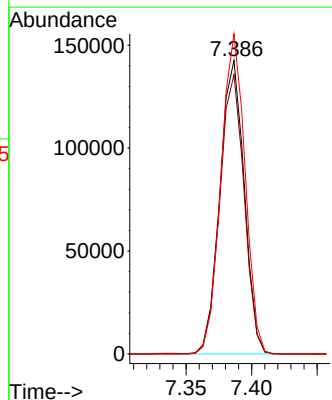
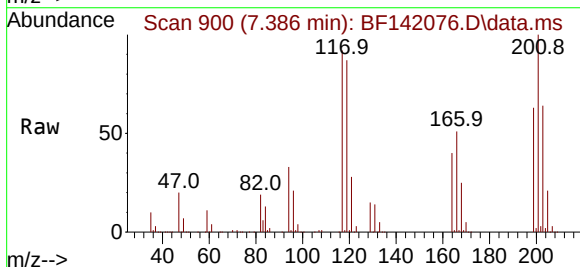
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

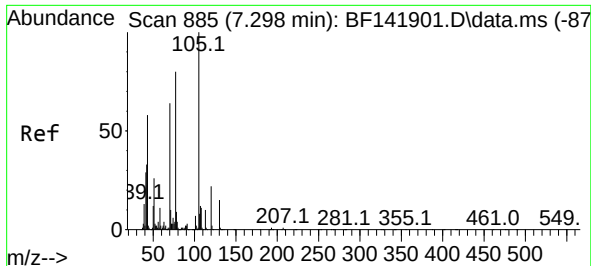
Tgt Ion:	107	Resp:	362963
Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.2	135.2
77	48.8	39.6	59.4
79	49.2	39.1	58.7



#18
Hexachloroethane
Concen: 49.187 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:	117	Resp:	183413
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.9	115.3
201	109.1	79.9	119.9

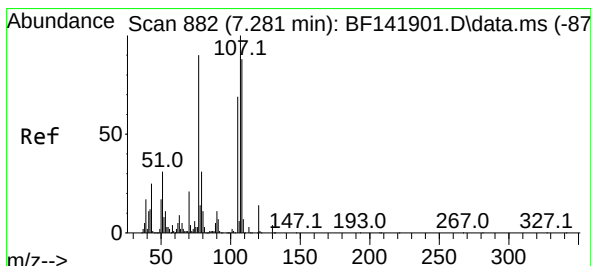
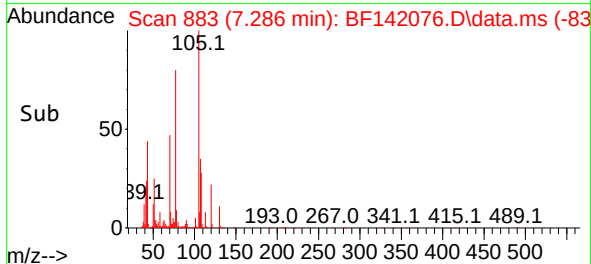
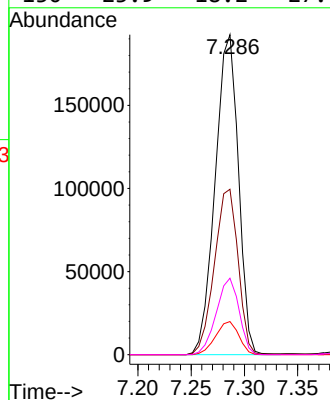
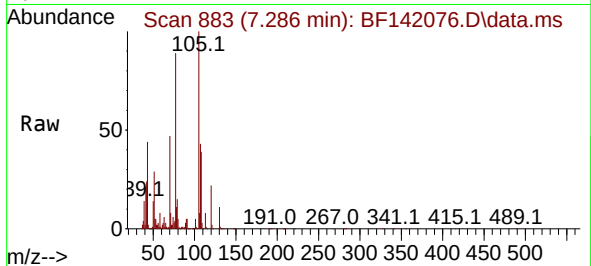




#19
n-Nitroso-di-n-propylamine
Concen: 43.460 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

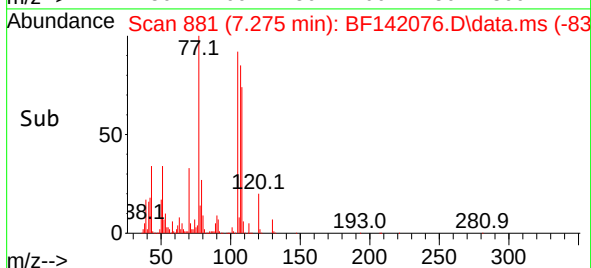
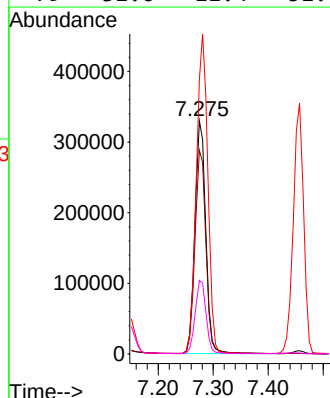
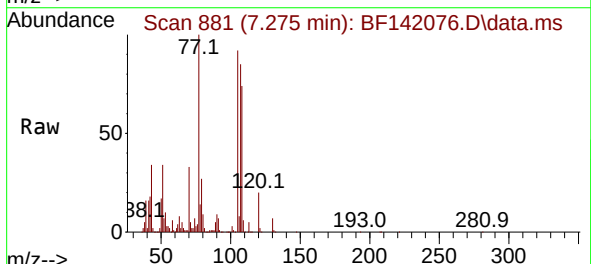
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

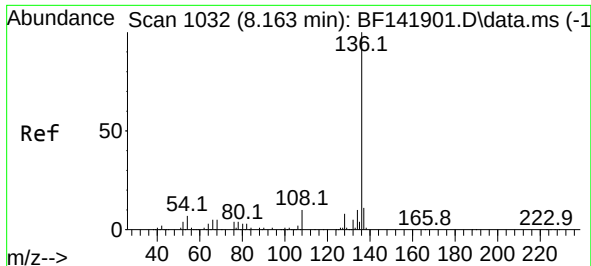
Tgt Ion: 70 Resp: 291843
Ion Ratio Lower Upper
70 100
42 51.7 41.4 62.0
101 10.4 8.2 12.2
130 23.9 18.2 27.4



#20
3+4-Methylphenols
Concen: 48.678 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:107 Resp: 451305
Ion Ratio Lower Upper
107 100
108 87.4 68.4 108.4
77 118.0 69.7 109.7#
79 31.6 11.4 51.4

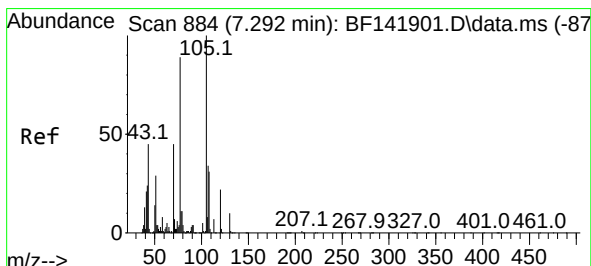
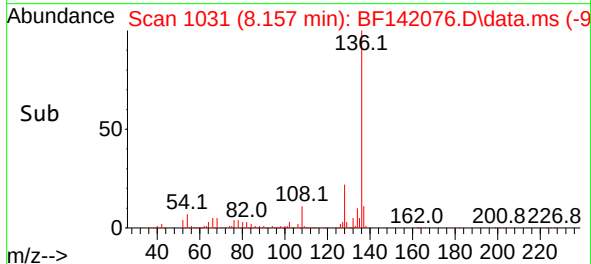
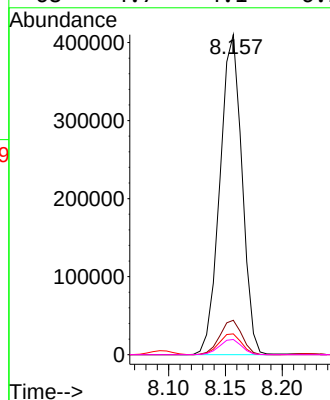
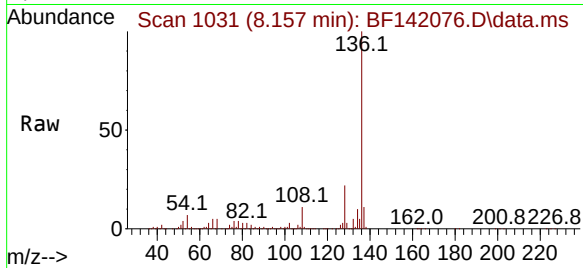




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

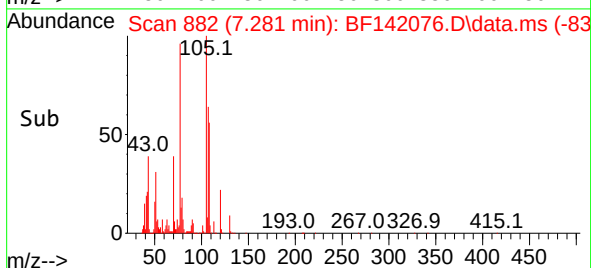
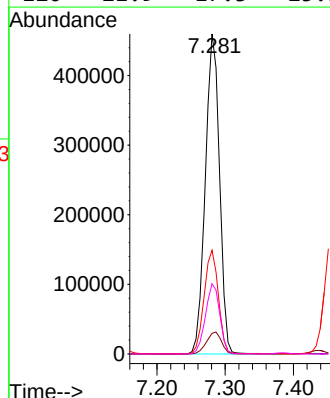
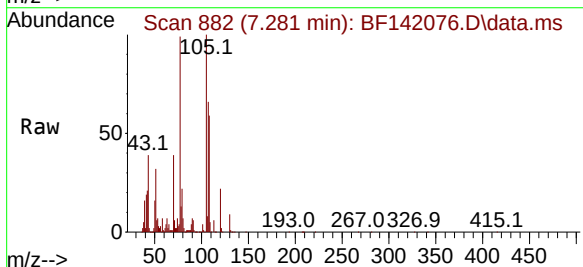
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

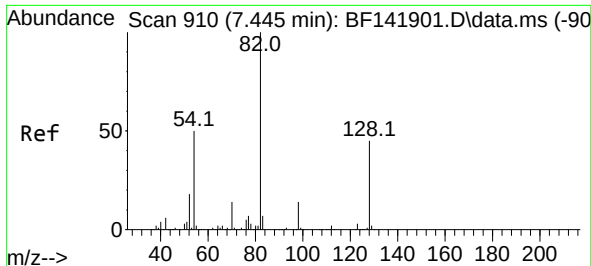
Tgt Ion:136 Resp: 554295
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.8 8.8
68 4.7 4.1 6.1



#22
Acetophenone
Concen: 50.243 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:105 Resp: 666925
Ion Ratio Lower Upper
105 100
71 6.4 5.8 8.8
51 32.4 23.4 35.0
120 21.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 101.843 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

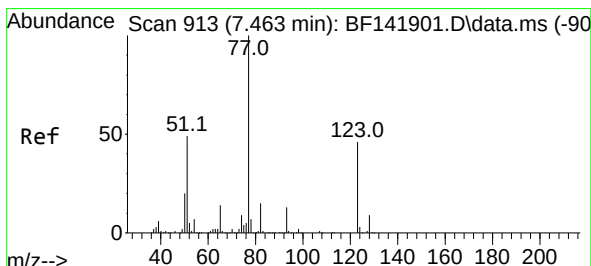
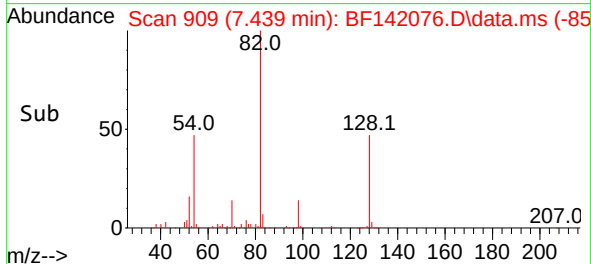
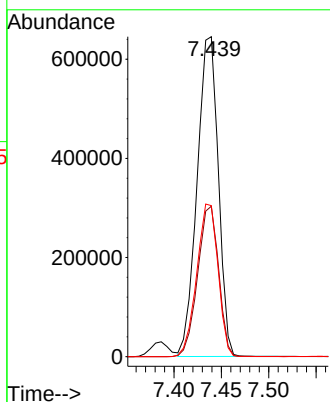
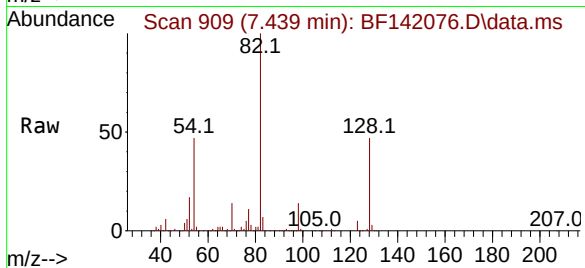
BNA_F

ClientSampleId :

PB167230BSD

Tgt Ion: 82 Resp: 1003110

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.0	54.0
54	47.2	39.6	59.4



#24

Nitrobenzene

Concen: 47.274 ng

RT: 7.457 min Scan# 912

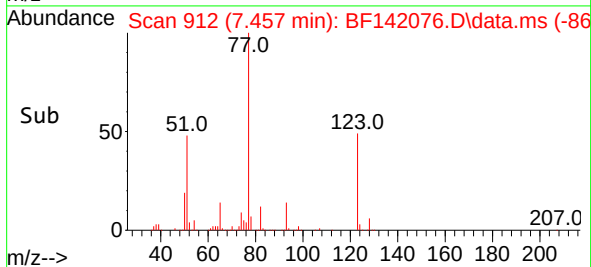
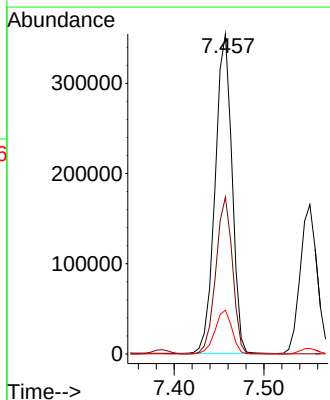
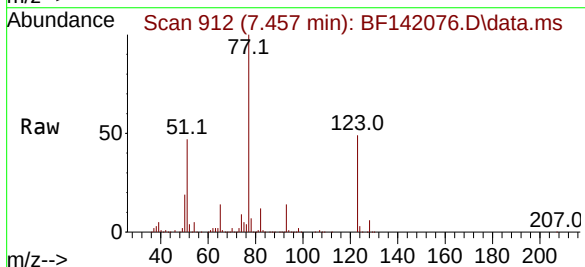
Delta R.T. -0.006 min

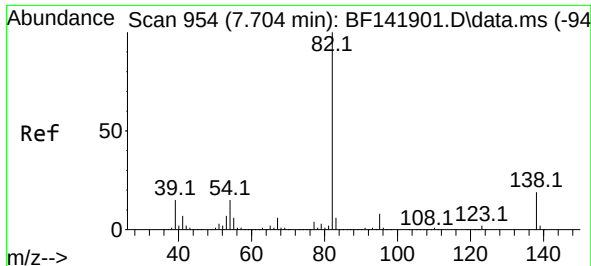
Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Tgt Ion: 77 Resp: 462889

Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.0	55.4
65	13.7	11.3	16.9

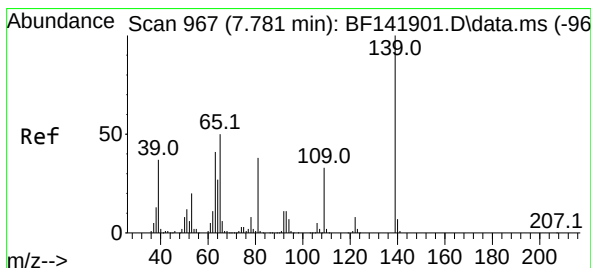
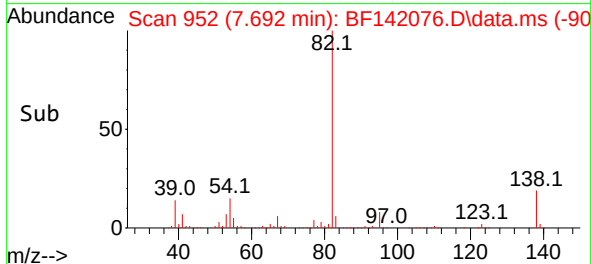
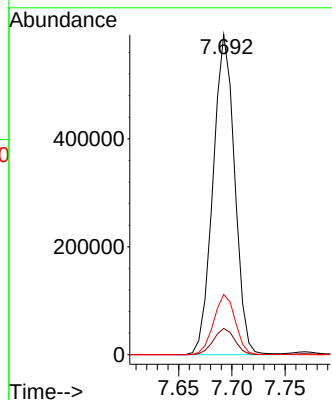
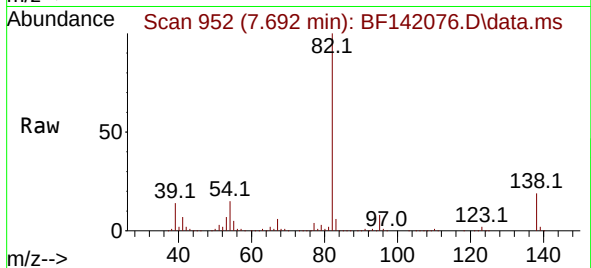




#25
Isophorone
Concen: 48.129 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

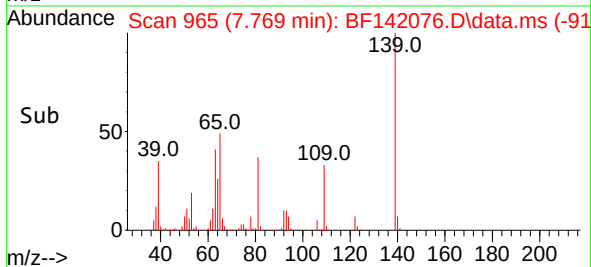
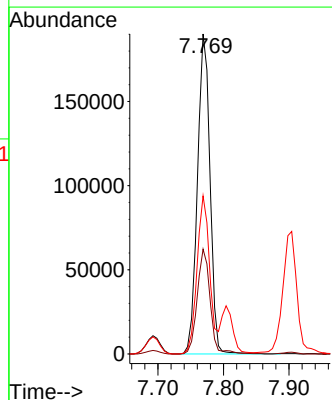
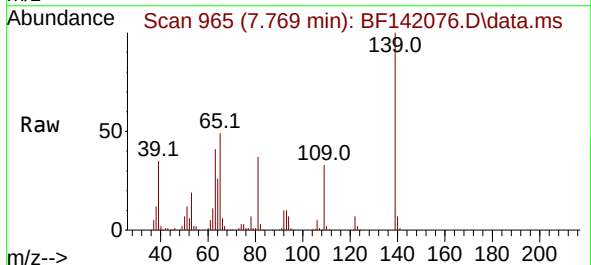
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

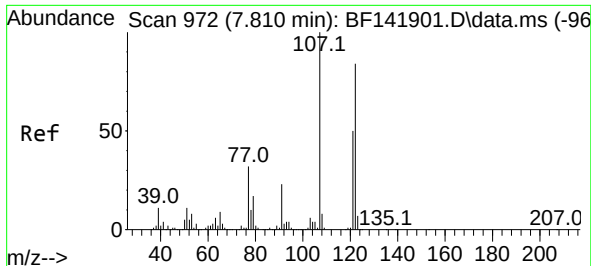
Tgt Ion: 82 Resp: 837954
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 52.852 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:139 Resp: 253993
Ion Ratio Lower Upper
139 100
109 32.8 26.5 39.7
65 49.4 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 60.209 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142076.D

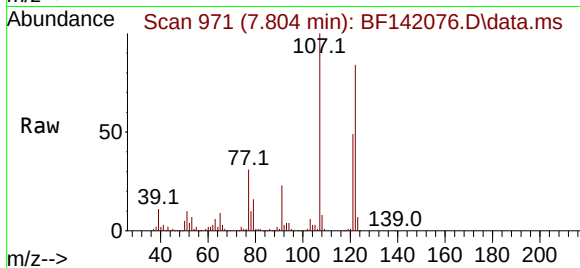
Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD



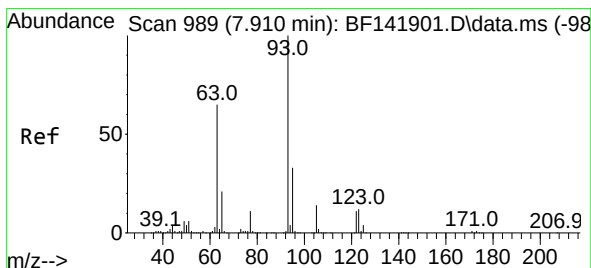
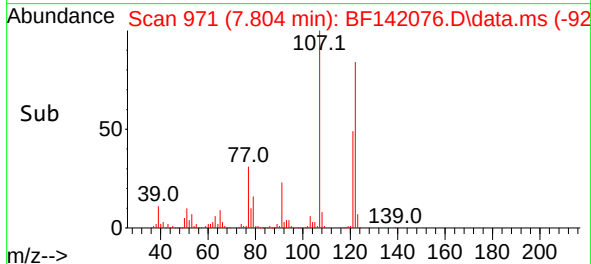
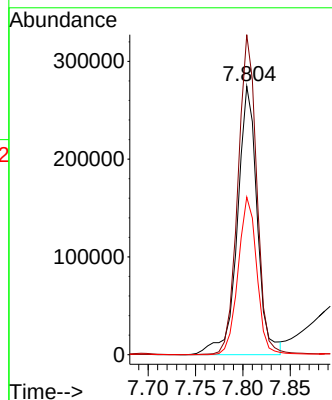
Tgt Ion:122 Resp: 398426

Ion Ratio Lower Upper

122 100

107 119.2 94.8 142.2

121 58.7 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.484 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

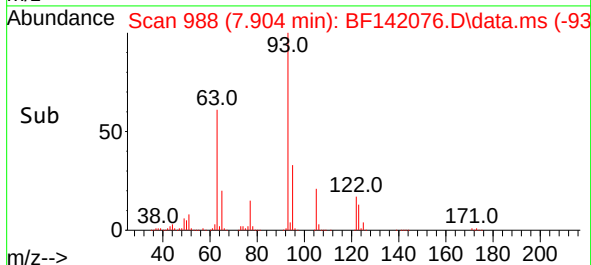
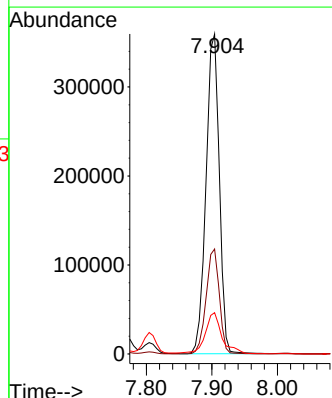
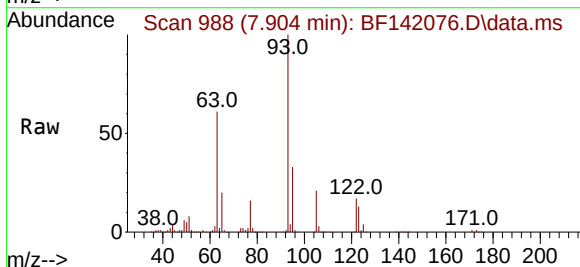
Tgt Ion: 93 Resp: 507609

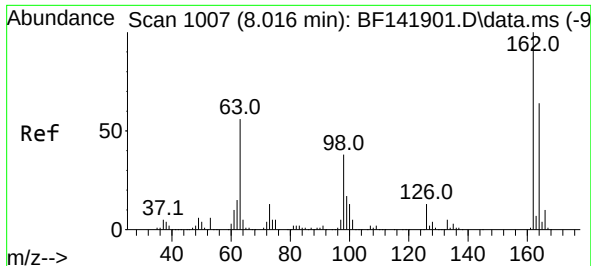
Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 49.509 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

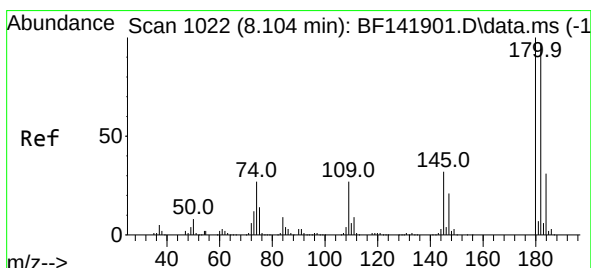
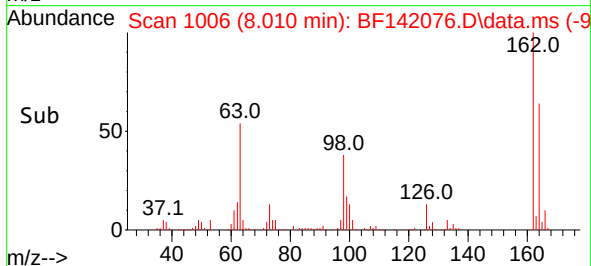
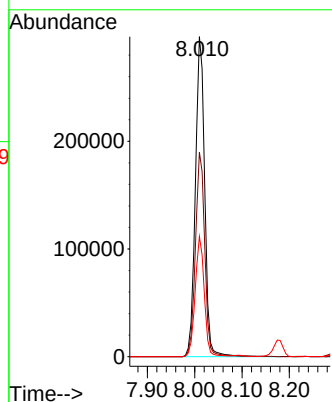
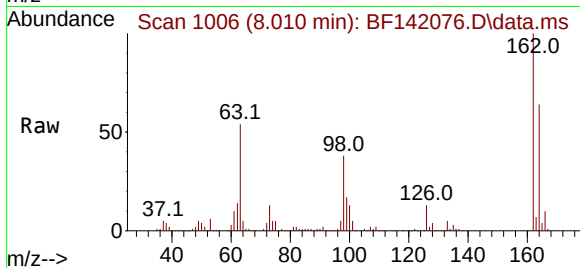
Tgt Ion:162 Resp: 406647

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 37.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 48.953 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

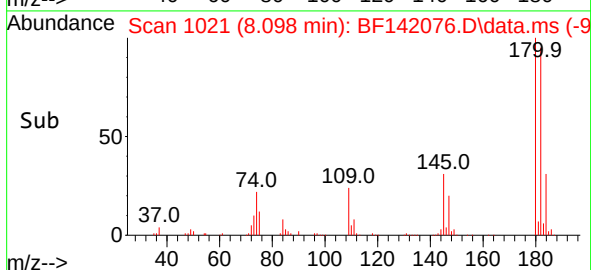
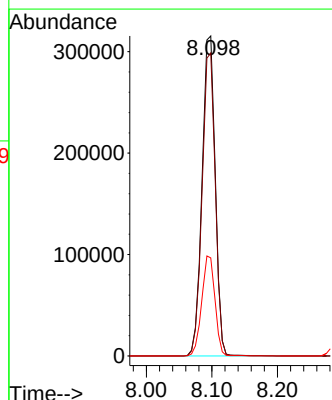
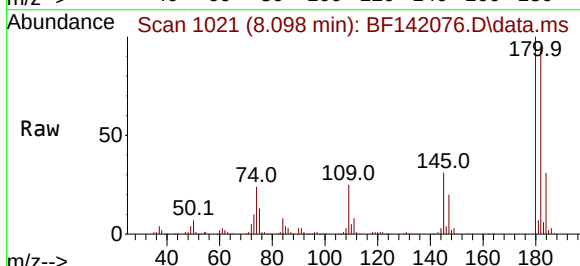
Tgt Ion:180 Resp: 443112

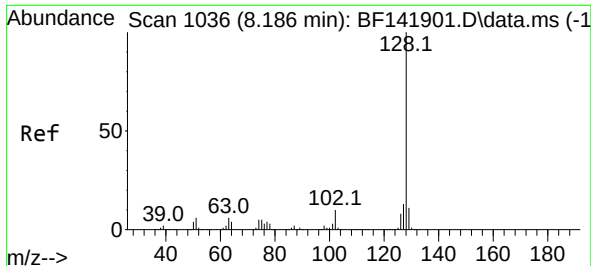
Ion Ratio Lower Upper

180 100

182 94.7 77.5 116.3

145 30.7 25.8 38.6

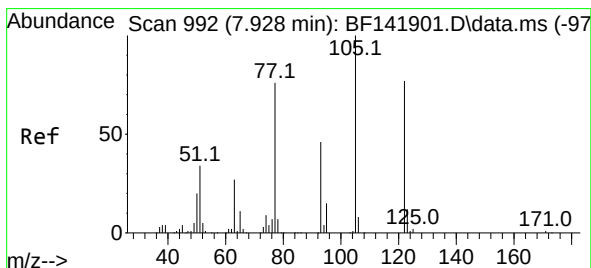
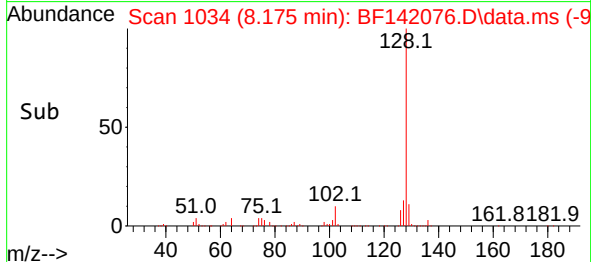
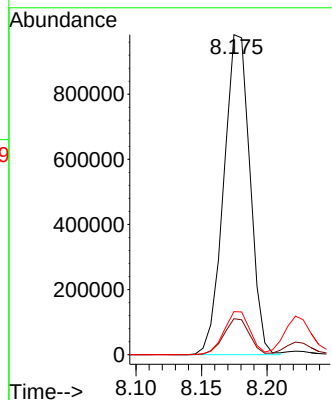
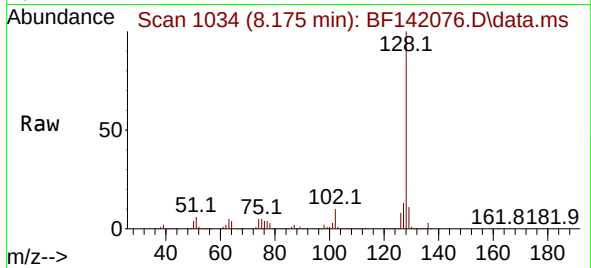




#31
Naphthalene
Concen: 47.895 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

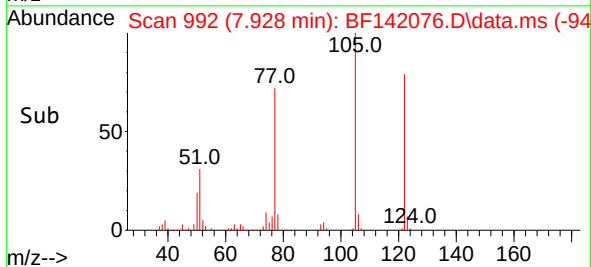
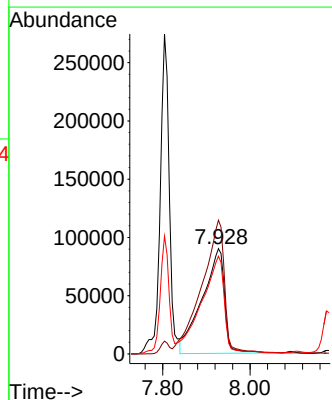
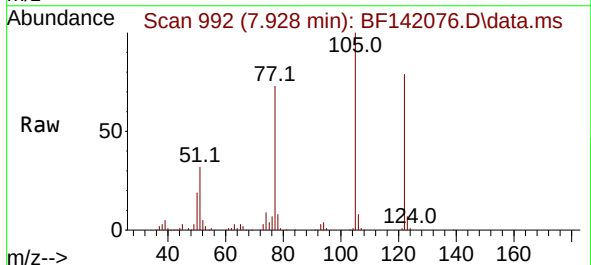
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

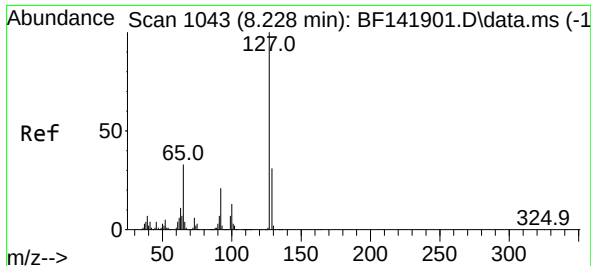
Tgt Ion:128 Resp: 1363723
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 55.364 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:122 Resp: 322042
Ion Ratio Lower Upper
122 100
105 127.0 107.9 147.9
77 92.9 79.0 119.0

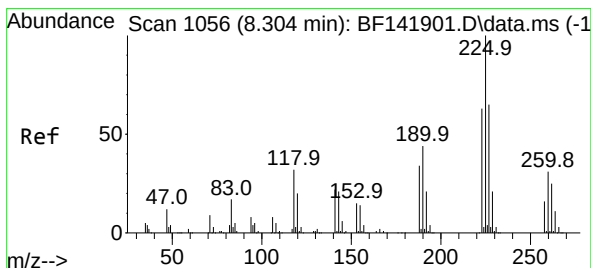
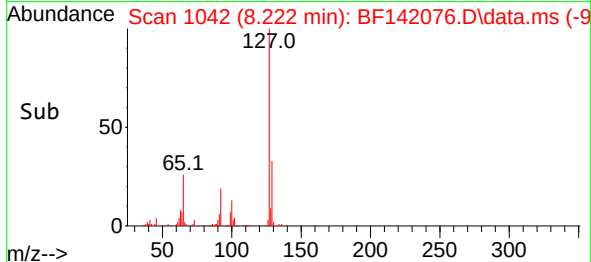
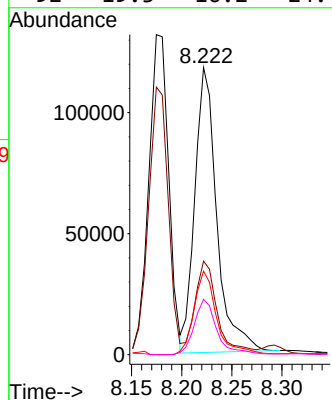
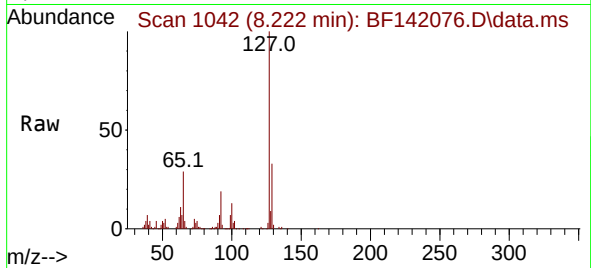




#33
4-Chloroaniline
Concen: 17.949 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

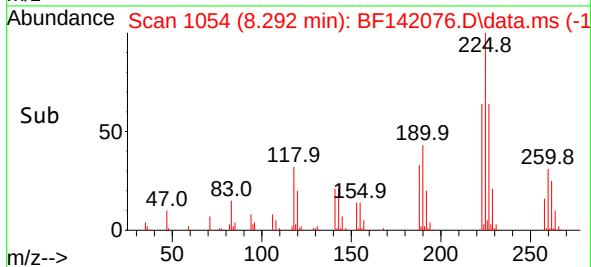
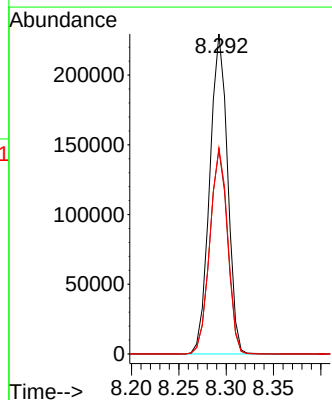
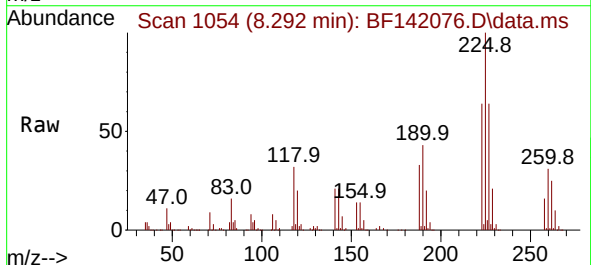
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

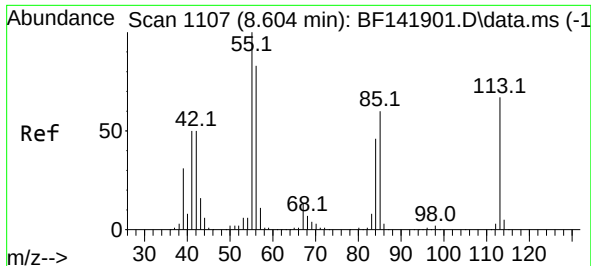
Tgt Ion:127	Resp: 180411
Ion Ratio	Lower Upper
127 100	
129 32.6	26.2 39.4
65 29.1	25.4 38.2
92 19.3	16.2 24.4



#34
Hexachlorobutadiene
Concen: 50.778 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:225	Resp: 299744
Ion Ratio	Lower Upper
225 100	
223 63.8	50.6 75.8
227 64.4	52.2 78.2

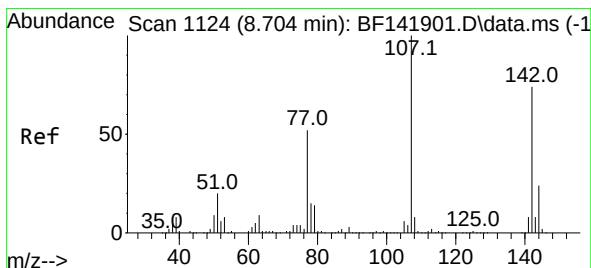
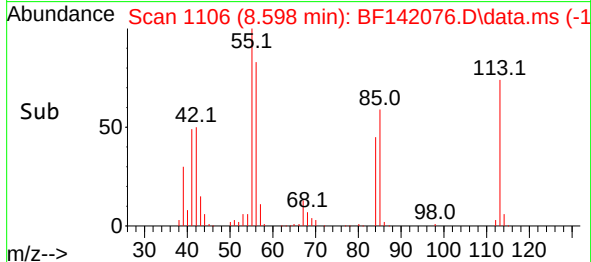
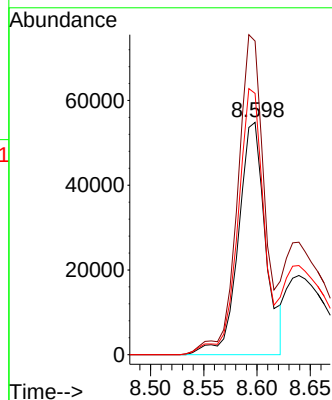
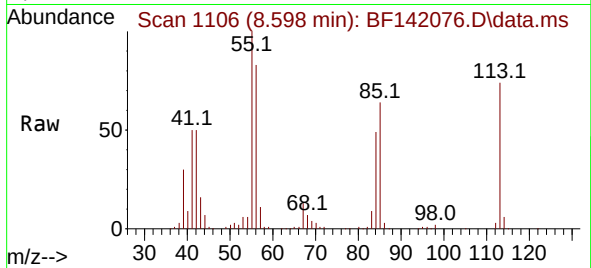




#35
 Caprolactam
 Concen: 38.728 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF142076.D
 Acq: 25 Mar 2025 14:07

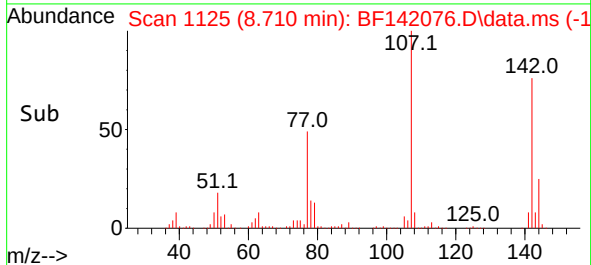
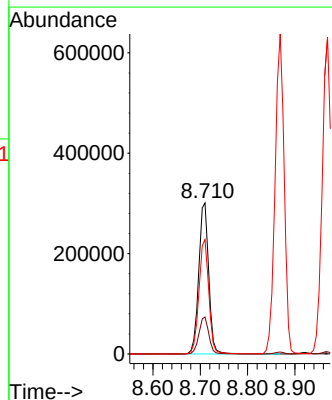
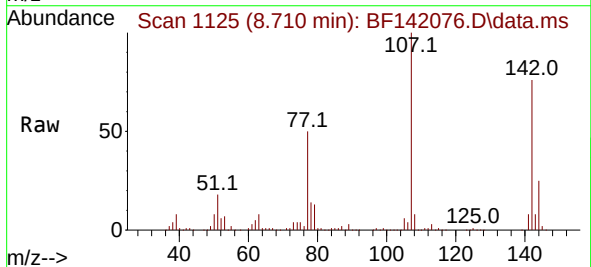
Instrument :
 BNA_F
 ClientSampleId :
 PB167230BSD

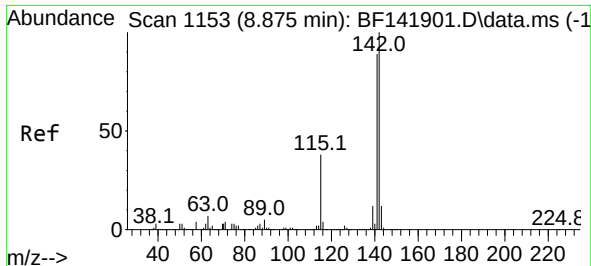
Tgt Ion:113 Resp: 96981
 Ion Ratio Lower Upper
 113 100
 55 135.0 129.6 169.6
 56 112.5 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 48.090 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF142076.D
 Acq: 25 Mar 2025 14:07

Tgt Ion:107 Resp: 440622
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.0 28.6
 142 75.7 59.2 88.8





#37

2-Methylnaphthalene

Concen: 44.687 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

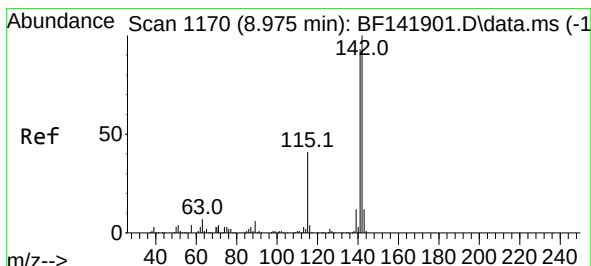
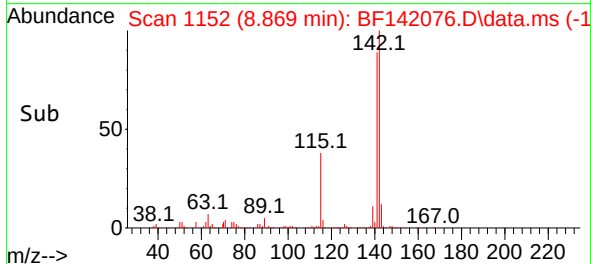
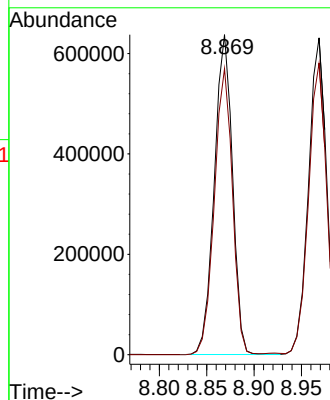
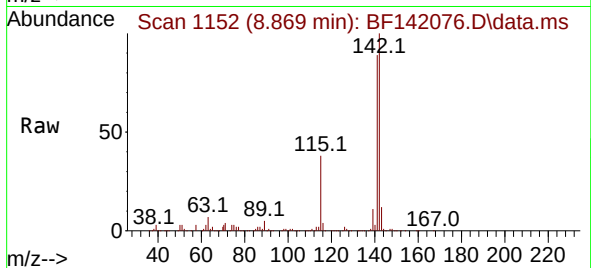
PB167230BSD

Tgt Ion:142 Resp: 850470

Ion Ratio Lower Upper

142 100

141 89.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 45.057 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142076.D

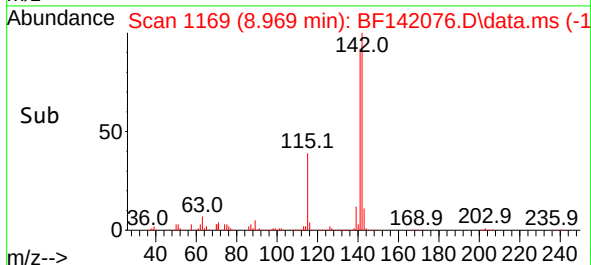
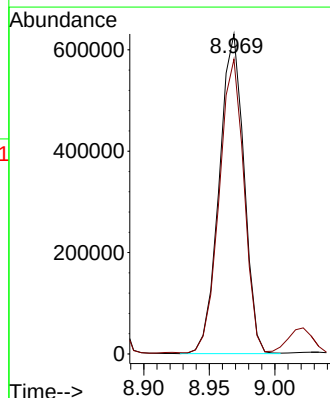
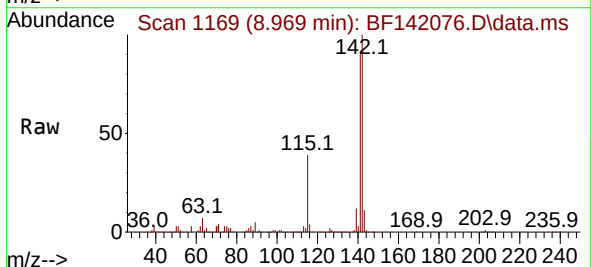
Acq: 25 Mar 2025 14:07

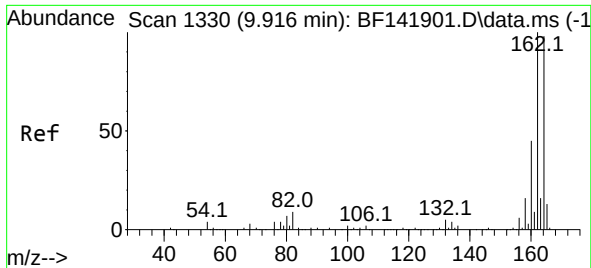
Tgt Ion:142 Resp: 827502

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

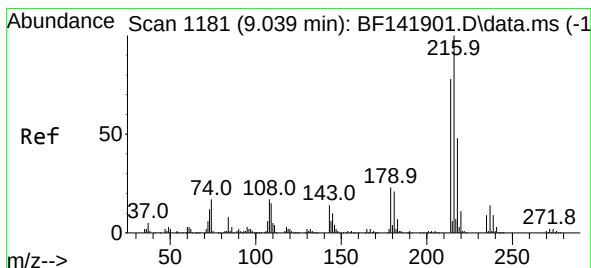
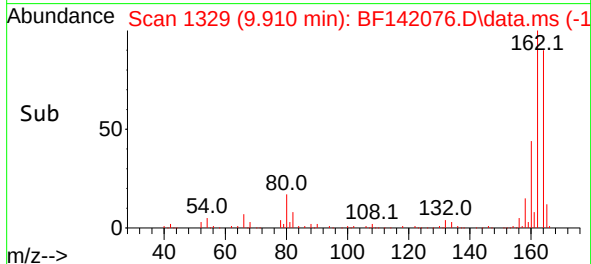
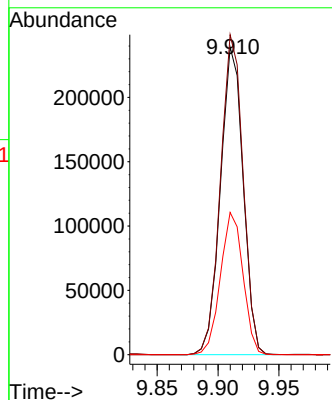
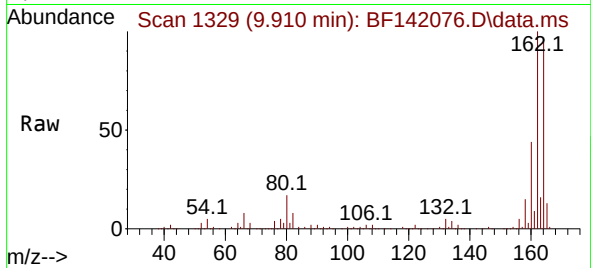




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

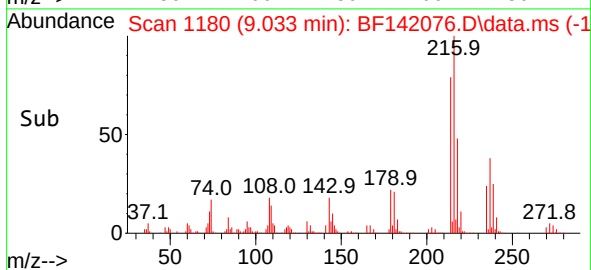
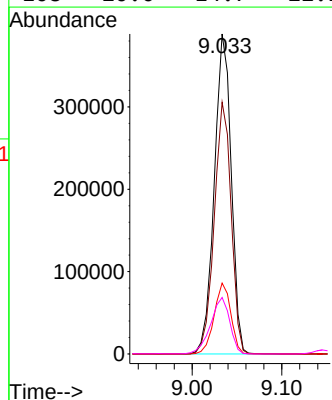
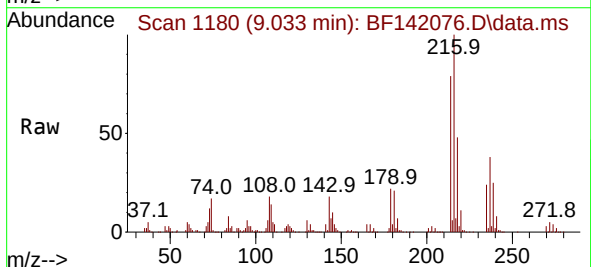
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

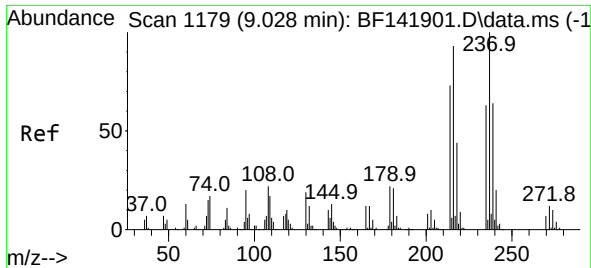
Tgt Ion:164 Resp: 310206
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.6
160 46.2 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.912 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:216 Resp: 509171
Ion Ratio Lower Upper
216 100
214 78.6 61.9 92.9
179 21.8 18.1 27.1
108 20.0 14.7 22.1

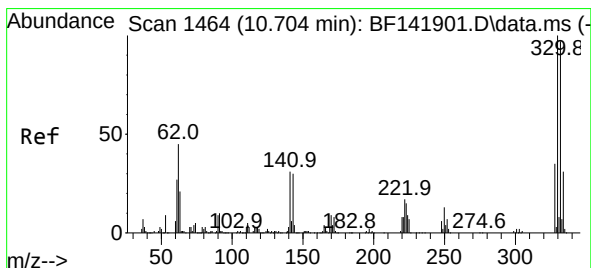
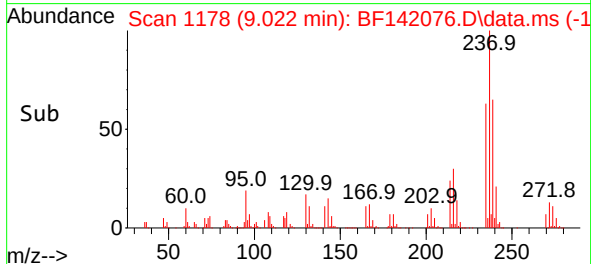
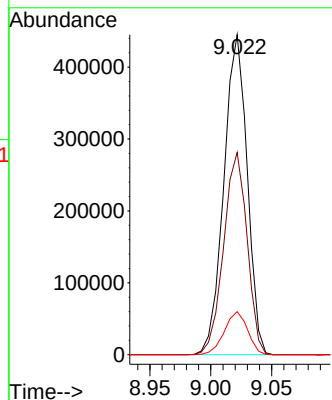
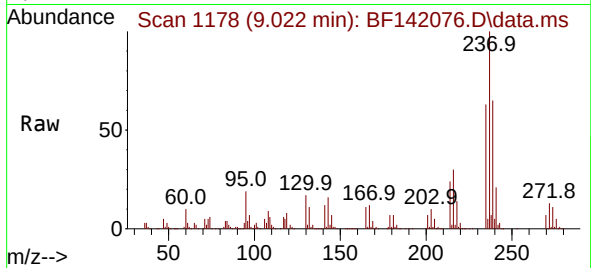




#41
Hexachlorocyclopentadiene
Concen: 160.440 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

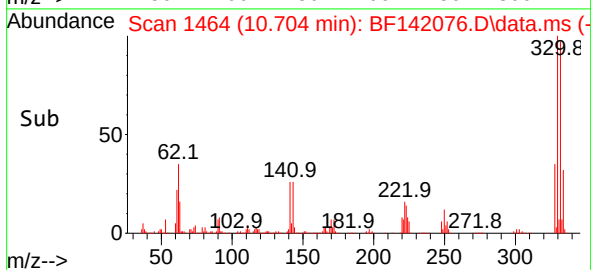
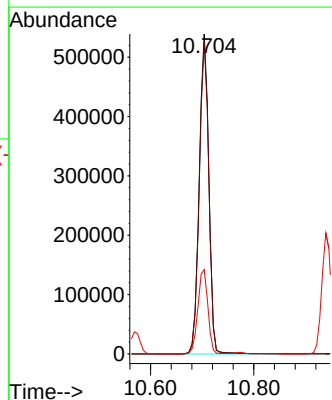
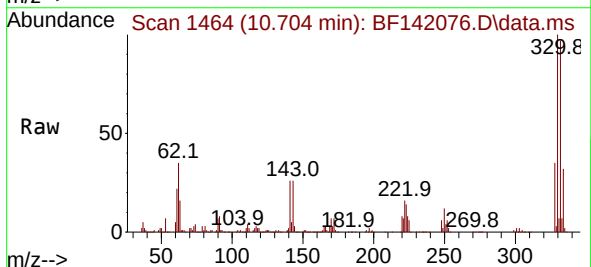
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

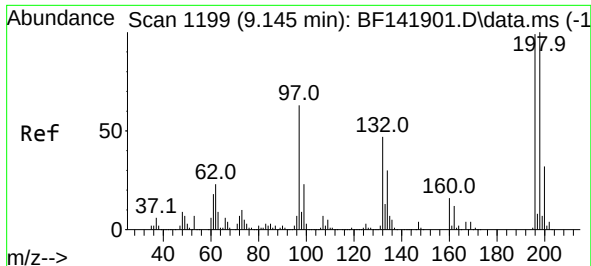
Tgt Ion:237 Resp: 593019
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 13.4 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 176.607 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:330 Resp: 695015
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 27.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.634 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

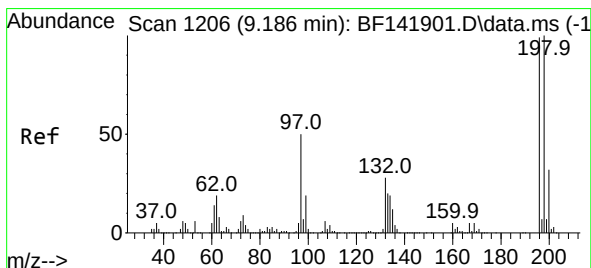
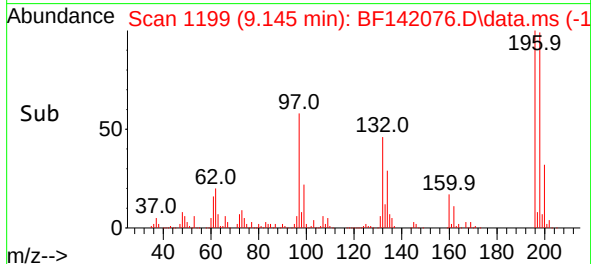
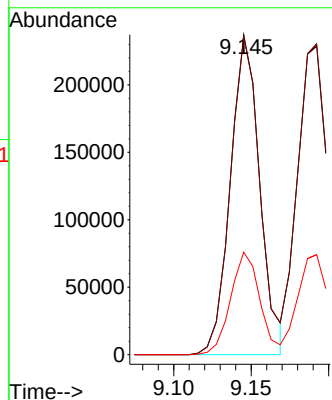
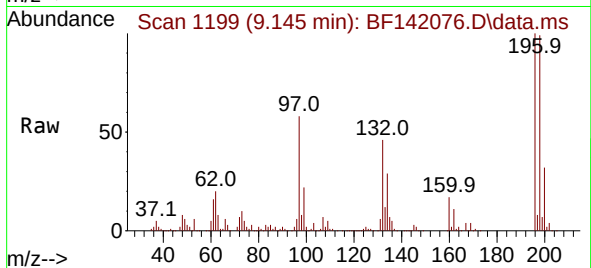
Tgt Ion:196 Resp: 312531

Ion Ratio Lower Upper

196 100

198 99.4 80.6 121.0

200 32.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 51.204 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Tgt Ion:196 Resp: 320095

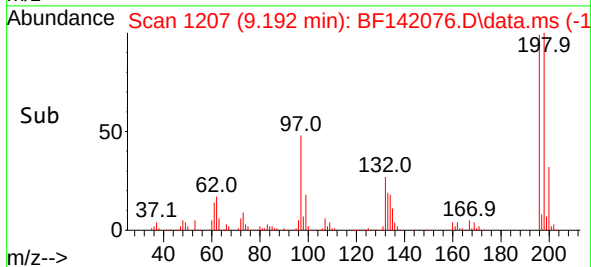
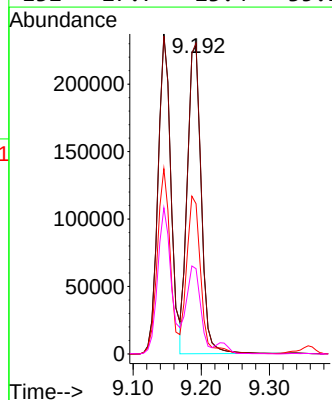
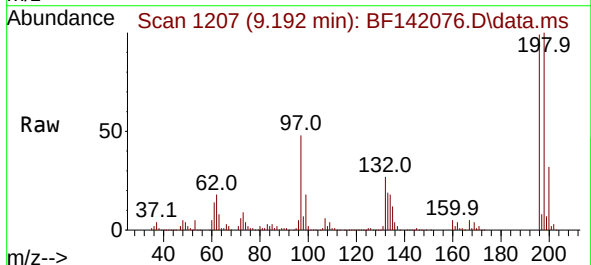
Ion Ratio Lower Upper

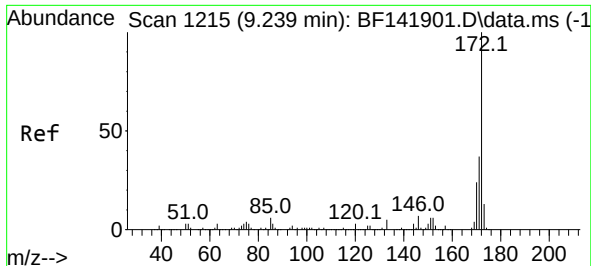
196 100

198 100.7 80.7 121.1

97 48.7 42.1 63.1

132 27.7 23.4 35.2

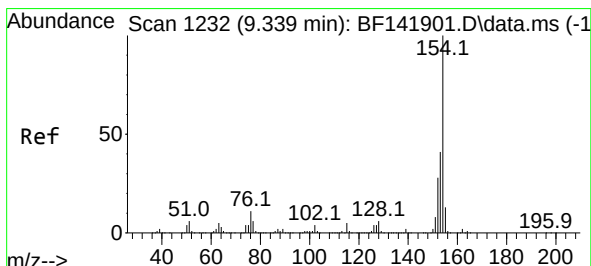
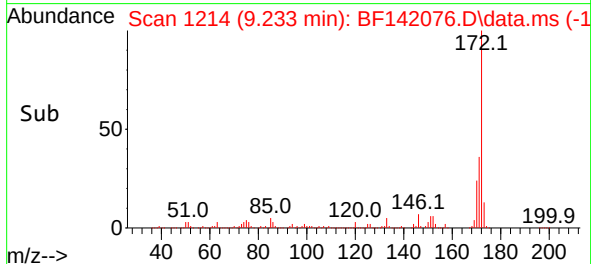
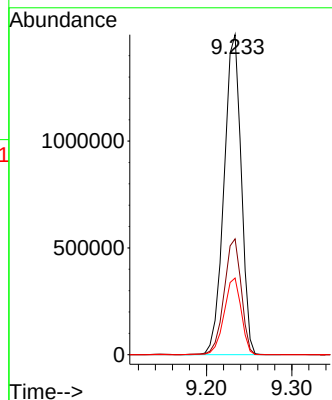
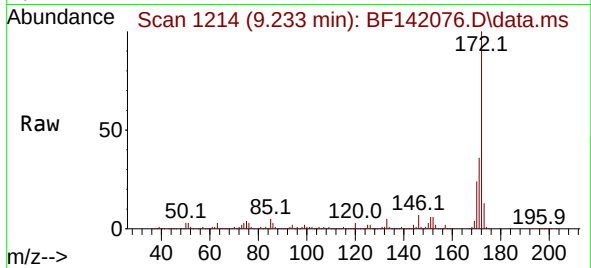




#45
2-Fluorobiphenyl
Concen: 102.811 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

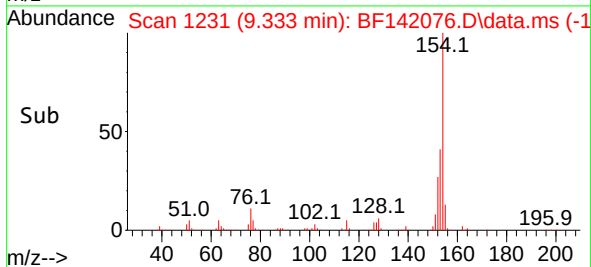
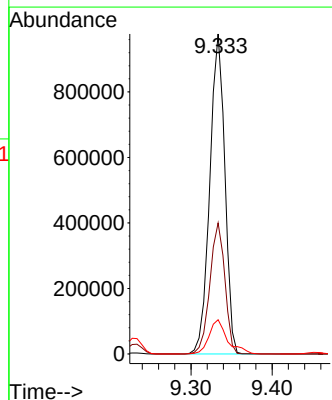
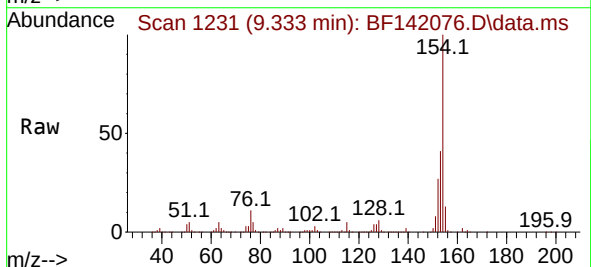
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

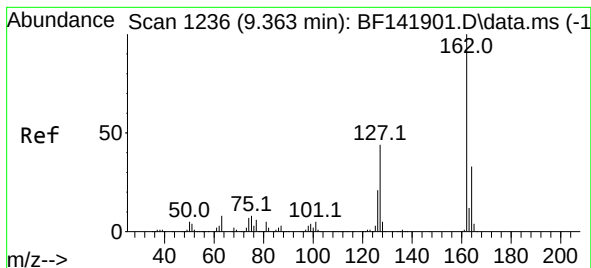
Tgt Ion:172 Resp: 2097074
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.0 19.4 29.0



#46
1,1'-Biphenyl
Concen: 53.237 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:154 Resp: 1254785
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 10.7 0.0 31.3





#47

2-Chloronaphthalene

Concen: 48.772 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

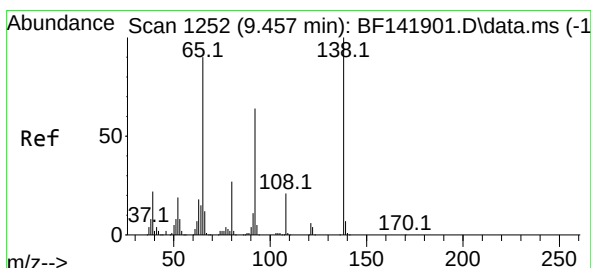
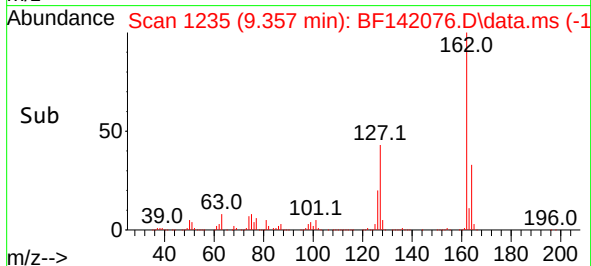
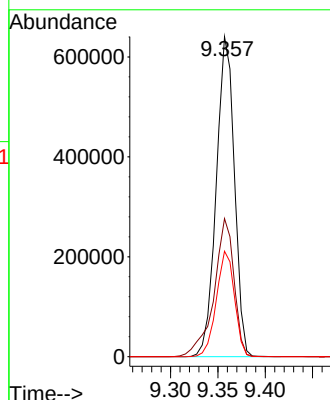
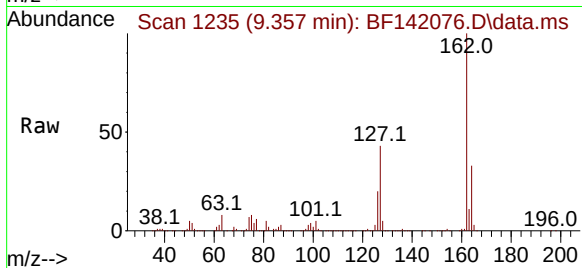
Tgt Ion:162 Resp: 856811

Ion Ratio Lower Upper

162 100

127 43.1 35.5 53.3

164 33.0 26.6 40.0



#48

2-Nitroaniline

Concen: 50.587 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

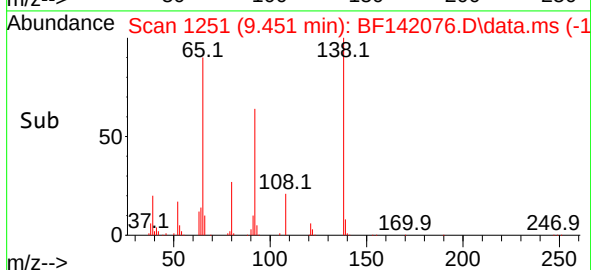
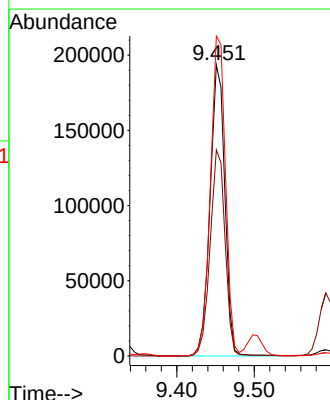
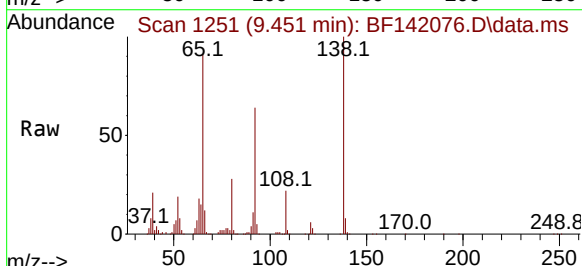
Tgt Ion: 65 Resp: 257316

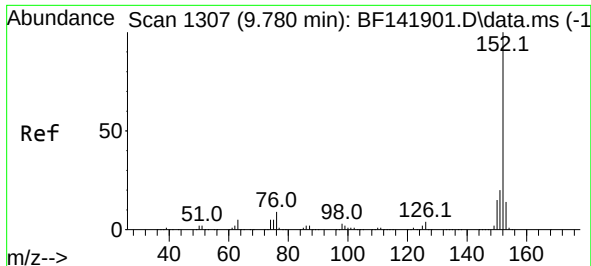
Ion Ratio Lower Upper

65 100

92 70.8 56.6 84.8

138 110.0 88.6 133.0





#49

Acenaphthylene

Concen: 51.587 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

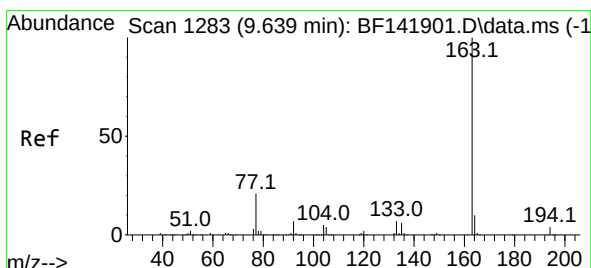
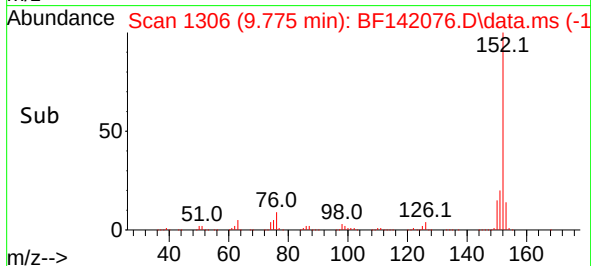
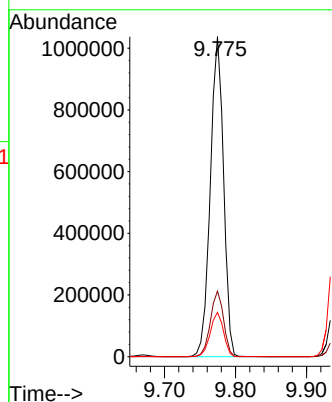
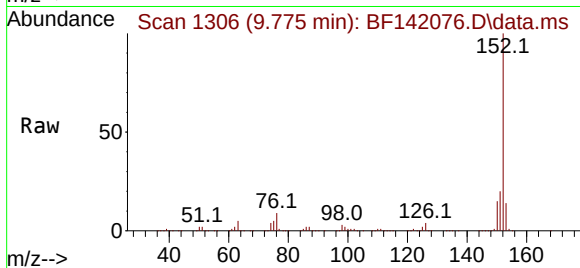
Tgt Ion:152 Resp: 1344860

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 48.963 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

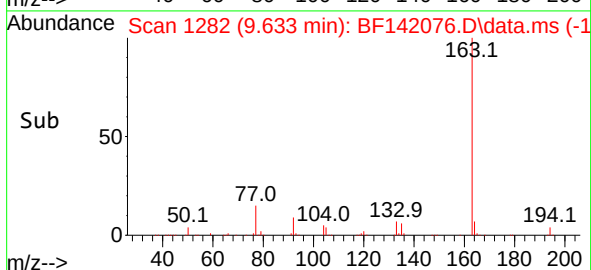
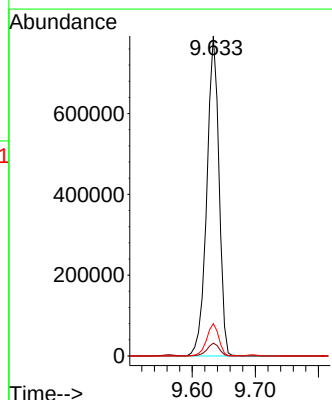
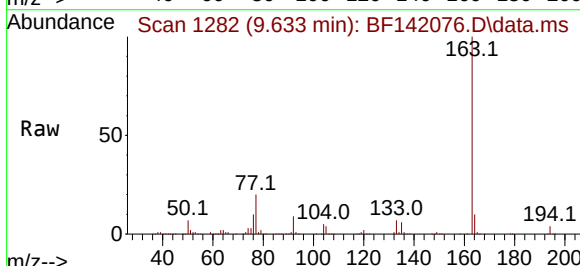
Tgt Ion:163 Resp: 1063620

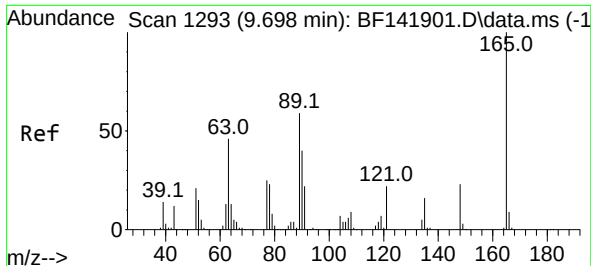
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 52.567 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

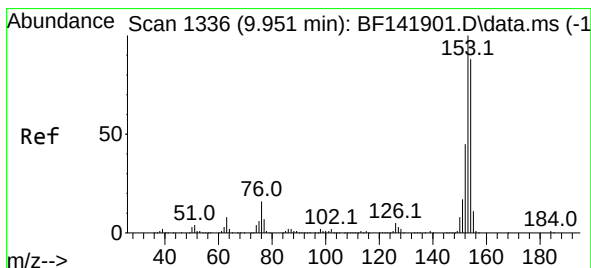
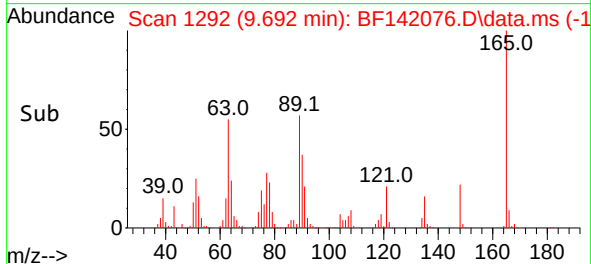
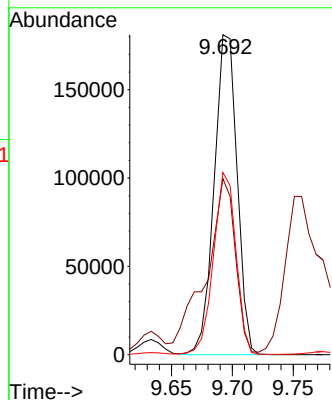
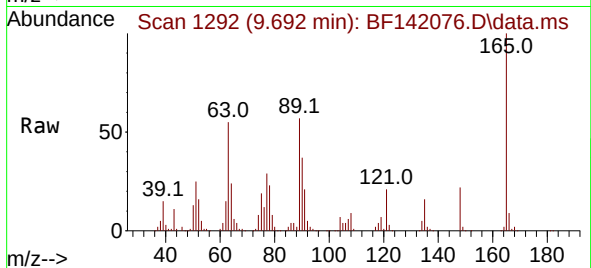
Tgt Ion:165 Resp: 237758

Ion Ratio Lower Upper

165 100

63 55.0 47.0 70.4

89 56.9 47.4 71.2



#52

Acenaphthene

Concen: 55.062 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

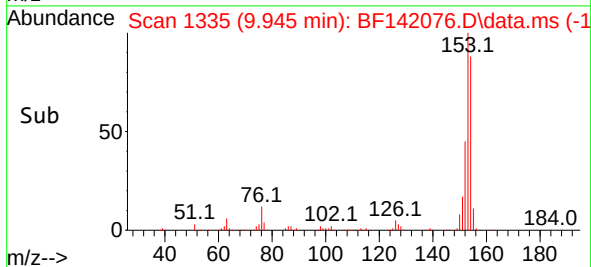
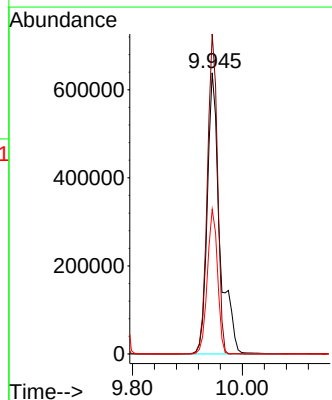
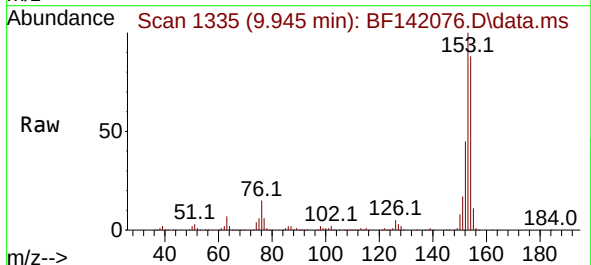
Tgt Ion:154 Resp: 1008777

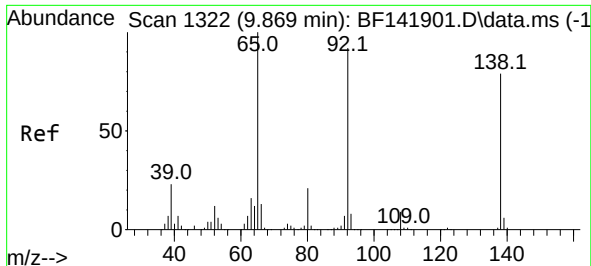
Ion Ratio Lower Upper

154 100

153 113.8 90.7 136.1

152 51.5 41.1 61.7

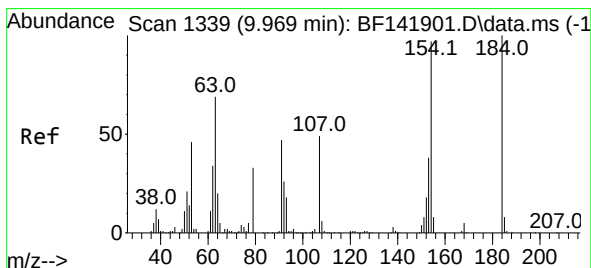
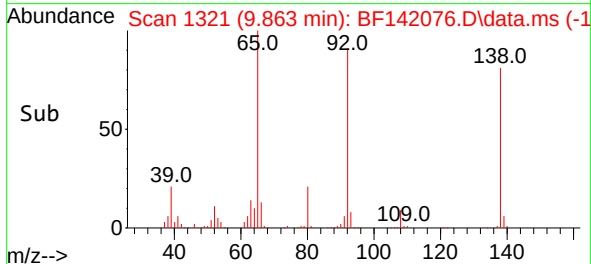
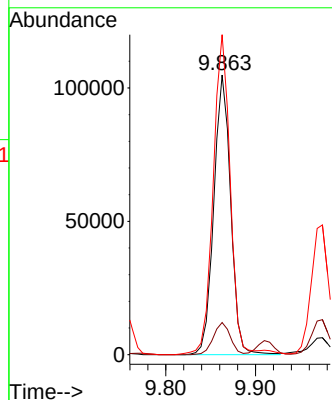
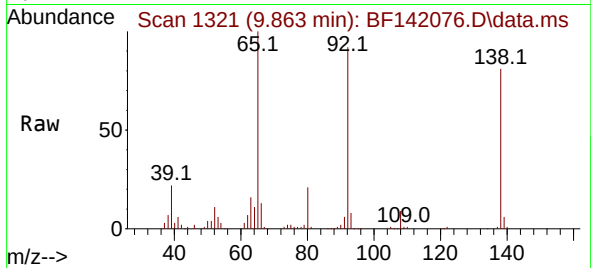




#53
3-Nitroaniline
Concen: 29.861 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

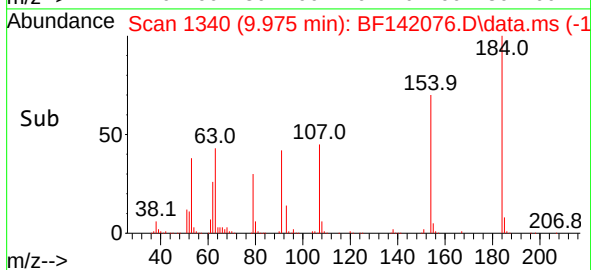
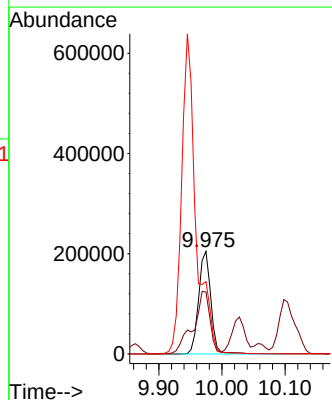
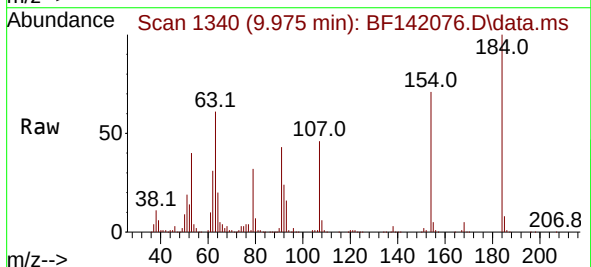
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

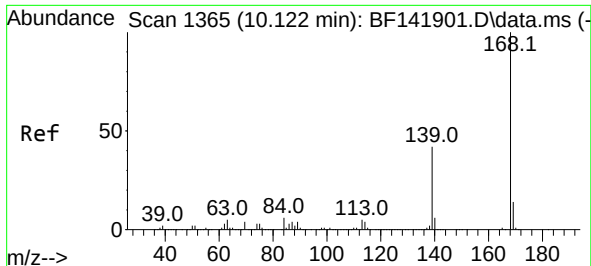
Tgt Ion:138 Resp: 136998
Ion Ratio Lower Upper
138 100
108 11.5 9.3 13.9
92 114.4 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 104.668 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:184 Resp: 274653
Ion Ratio Lower Upper
184 100
63 60.6 60.2 90.4
154 70.6 132.9 199.3#

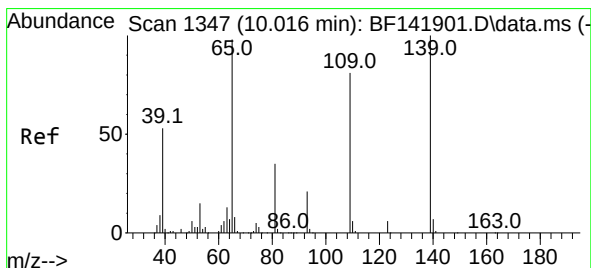
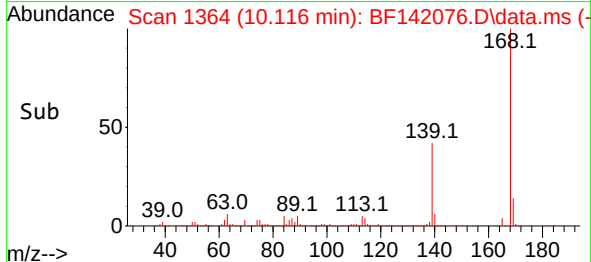
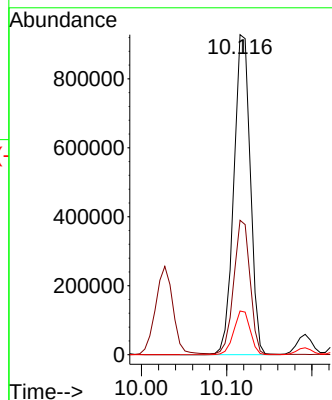
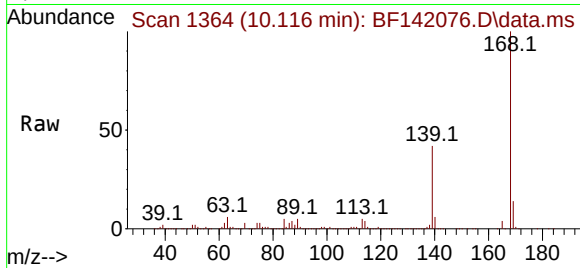




#55
Dibenzofuran
Concen: 47.669 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

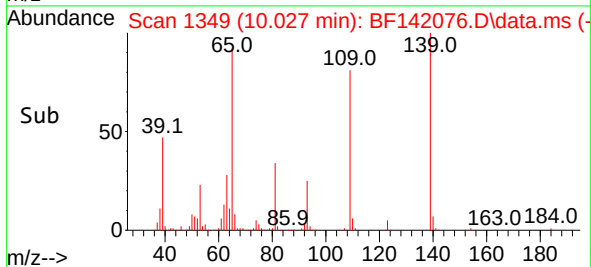
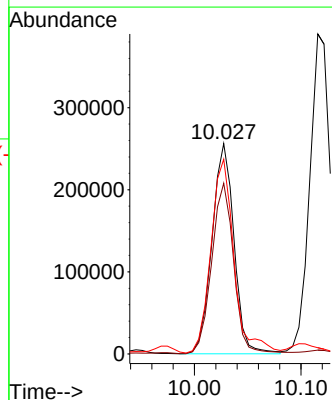
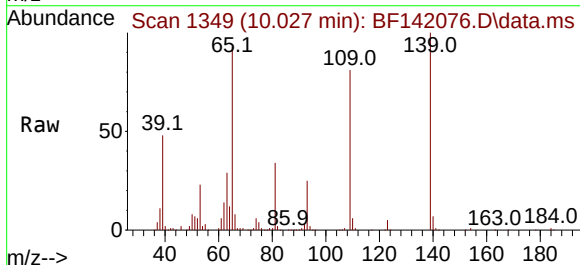
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

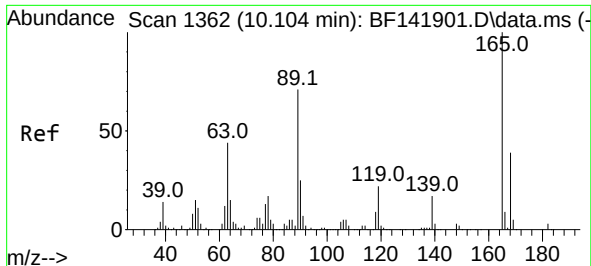
Tgt Ion:168 Resp: 1247894
Ion Ratio Lower Upper
168 100
139 42.0 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 105.943 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:139 Resp: 366548
Ion Ratio Lower Upper
139 100
109 81.1 61.6 101.6
65 92.6 79.4 119.4

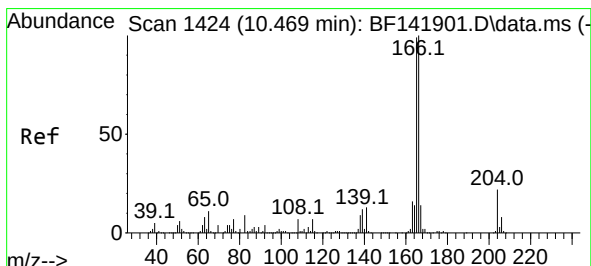
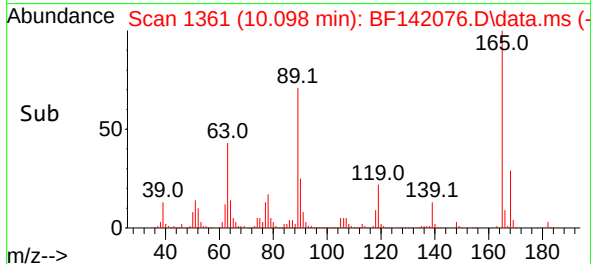
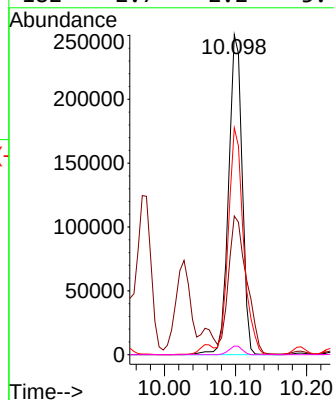
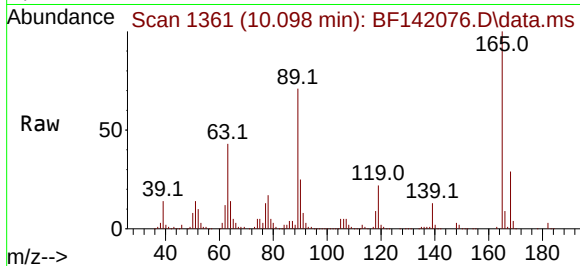




#57
2,4-Dinitrotoluene
Concen: 56.087 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

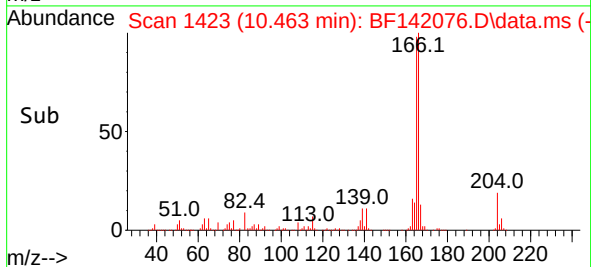
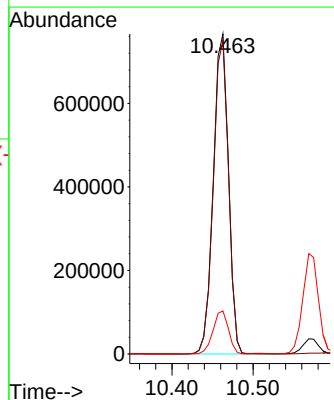
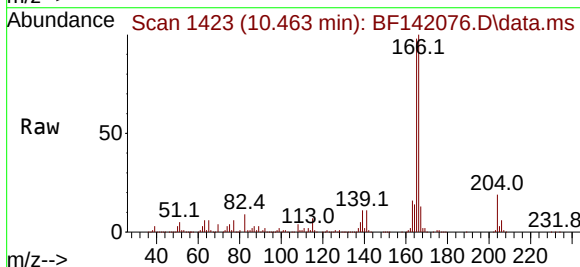
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

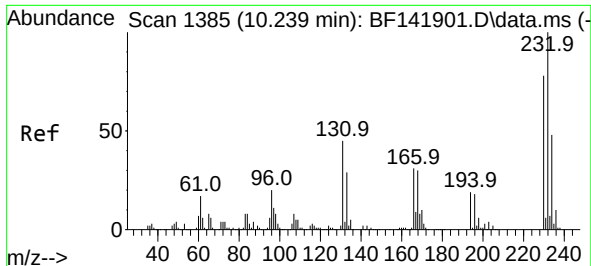
Tgt Ion:165 Resp: 331326
Ion Ratio Lower Upper
165 100
63 43.3 35.4 53.2
89 70.9 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 49.367 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:166 Resp: 996612
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 13.5 11.0 16.4

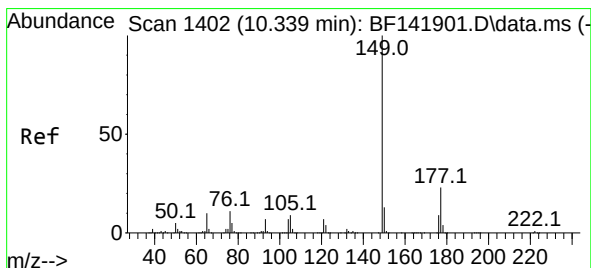
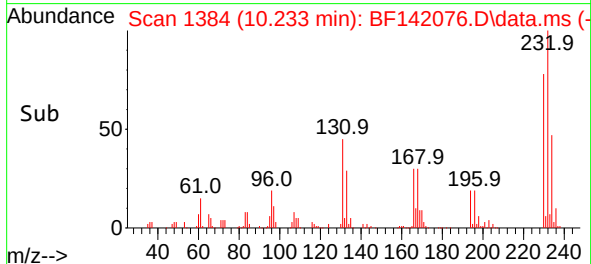
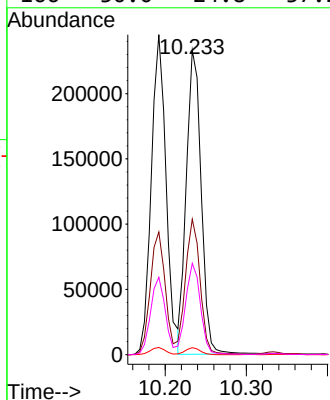
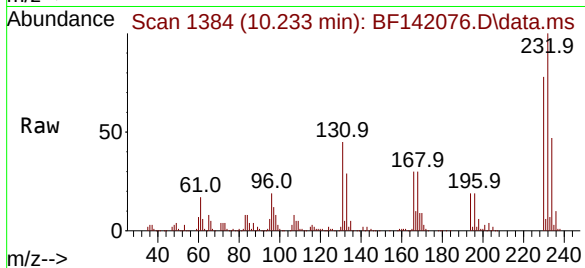




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.215 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

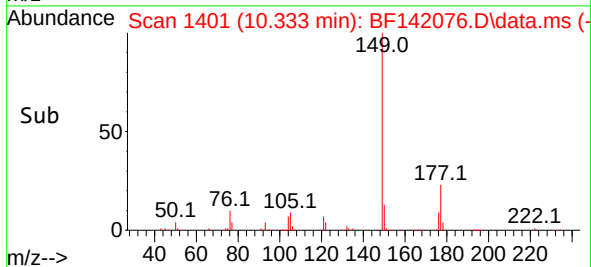
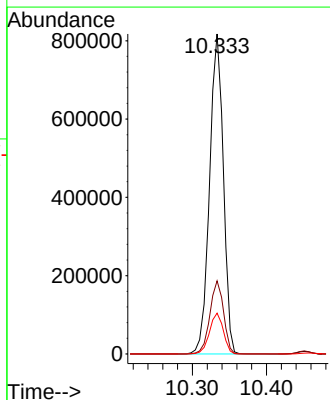
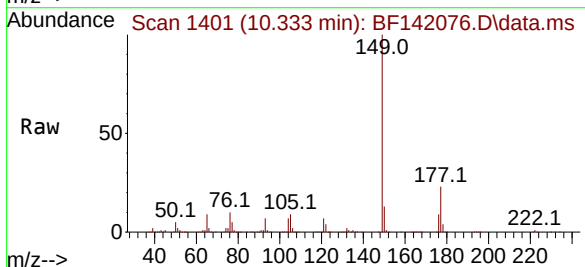
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

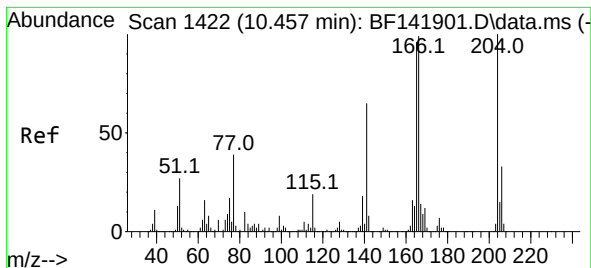
Tgt Ion:232 Resp: 297028
Ion Ratio Lower Upper
232 100
131 44.6 37.3 55.9
130 2.3 1.9 2.9
166 30.0 24.8 37.2



#60
Diethylphthalate
Concen: 48.648 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:149 Resp: 1053750
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.8 10.2 15.4

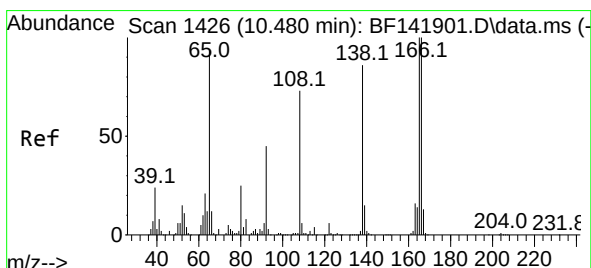
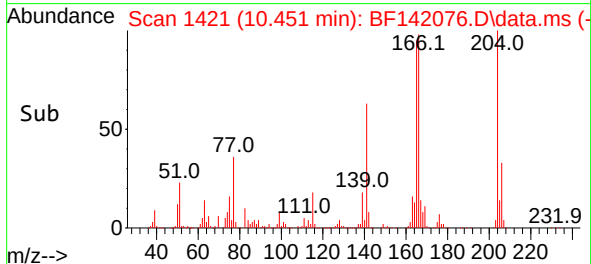
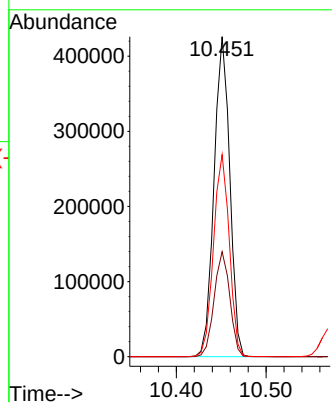
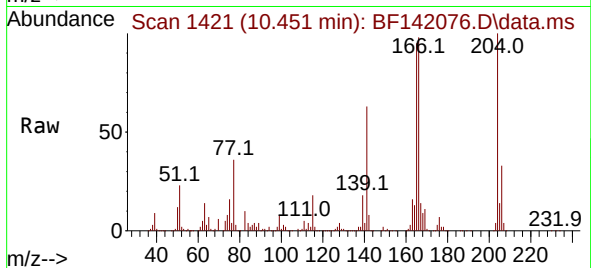




#61
4-Chlorophenyl-phenylether
Concen: 49.281 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

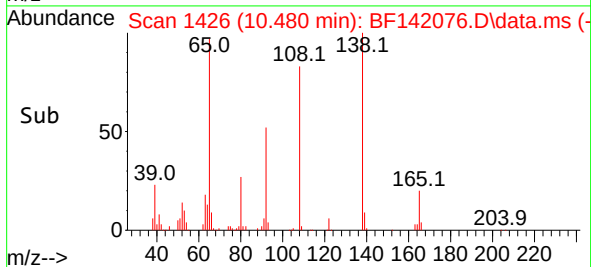
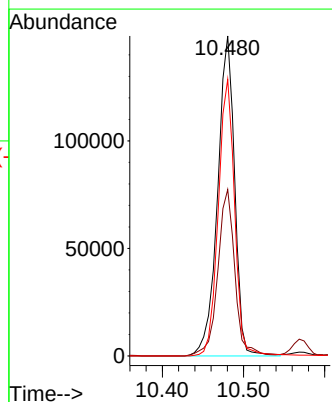
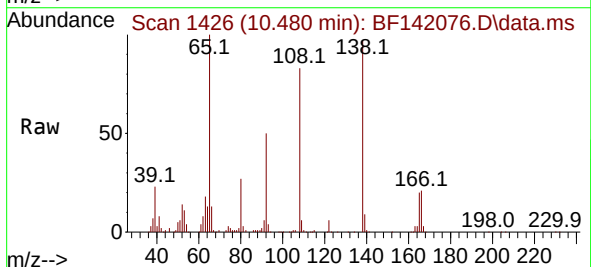
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

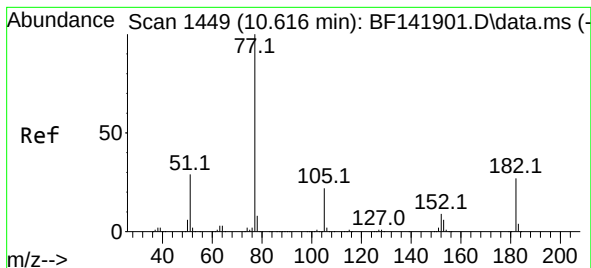
Tgt Ion:204 Resp: 518686
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 63.1 52.4 78.6



#62
4-Nitroaniline
Concen: 48.875 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:138 Resp: 218304
Ion Ratio Lower Upper
138 100
92 52.0 32.6 72.6
108 86.5 65.0 105.0





#63

Azobenzene

Concen: 45.573 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

Tgt Ion: 77 Resp: 917760

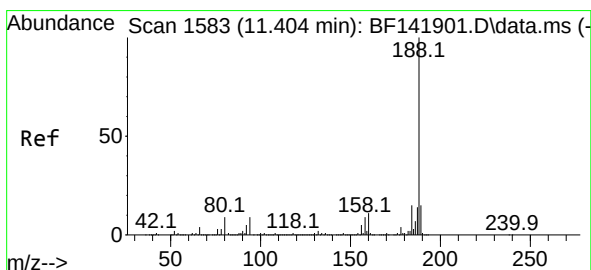
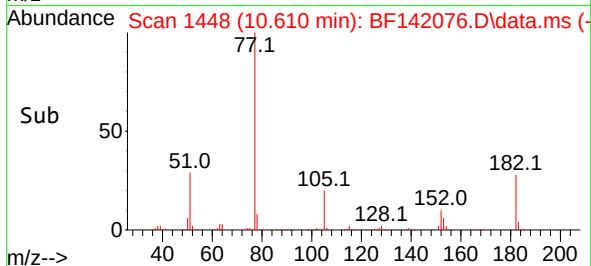
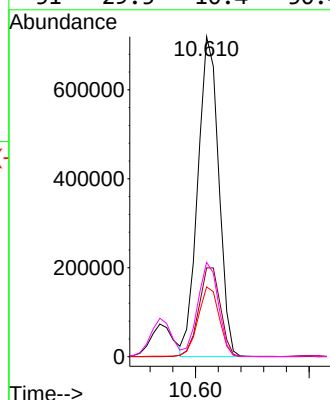
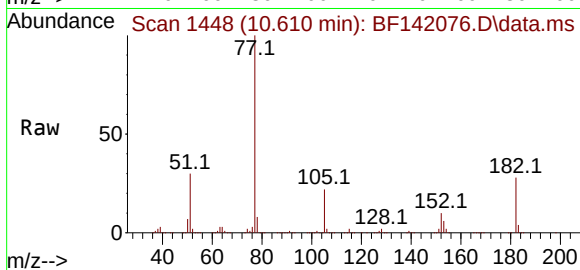
Ion Ratio Lower Upper

77 100

182 27.8 6.6 46.6

105 21.8 1.3 41.3

51 29.5 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

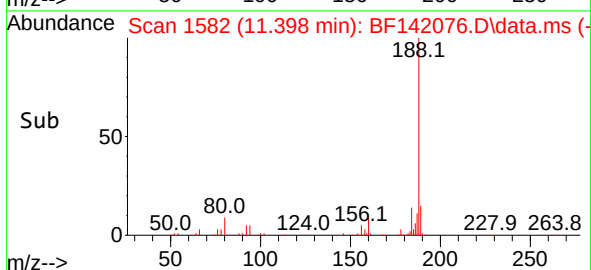
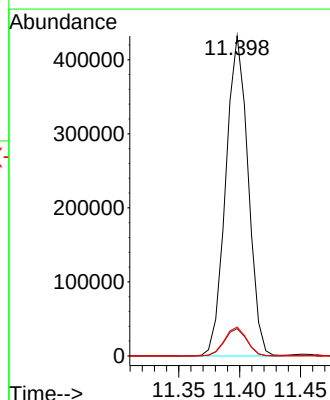
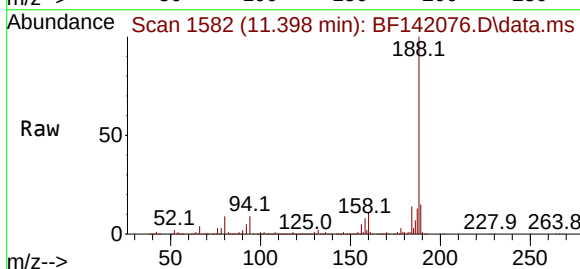
Tgt Ion: 188 Resp: 551314

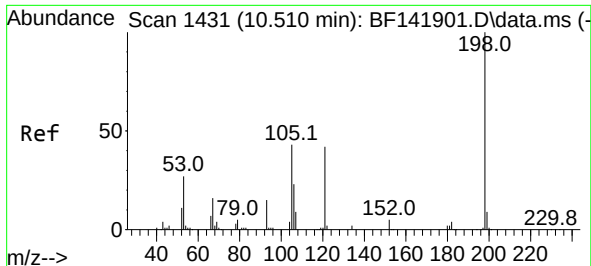
Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.1 7.6 11.4

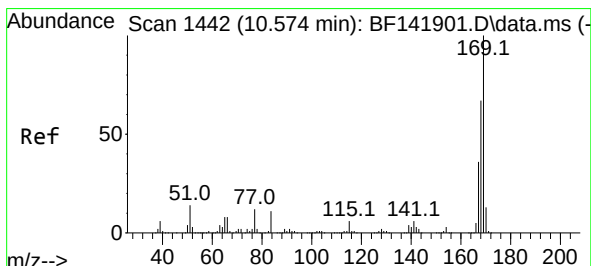
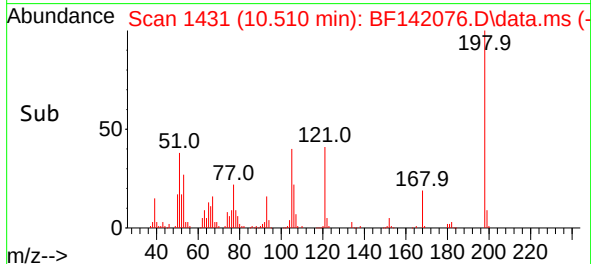
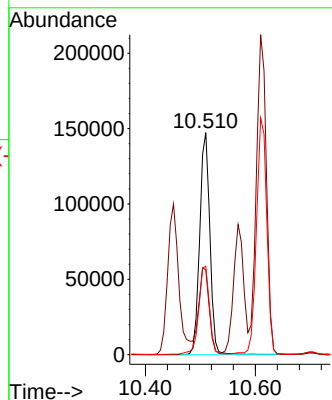
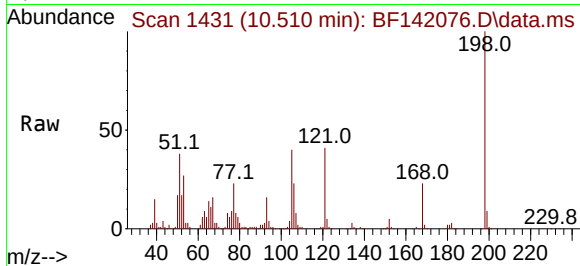




#65
4,6-Dinitro-2-methylphenol
Concen: 57.715 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

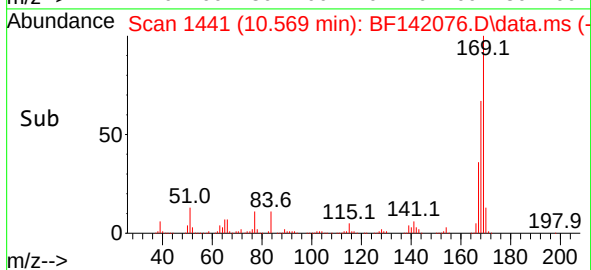
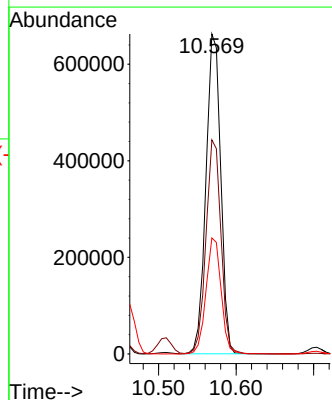
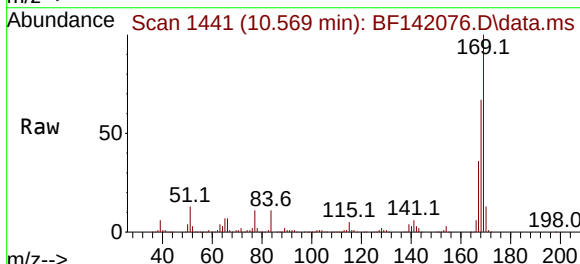
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

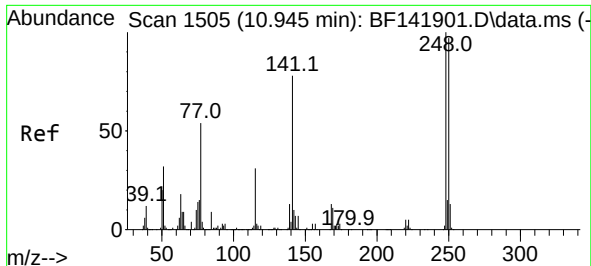
Tgt Ion:198 Resp: 189687
Ion Ratio Lower Upper
198 100
51 38.2 22.3 62.3
105 39.8 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 49.150 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:169 Resp: 876873
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.3 29.2 43.8

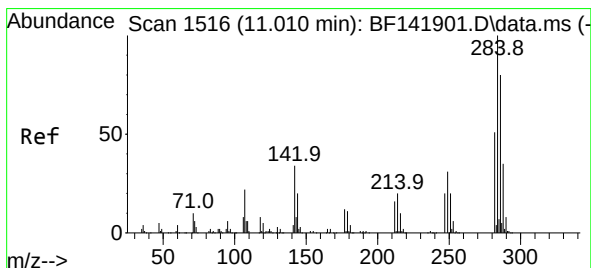
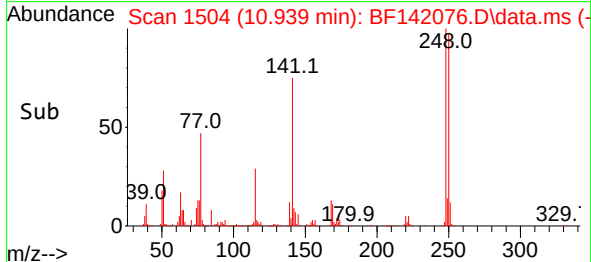
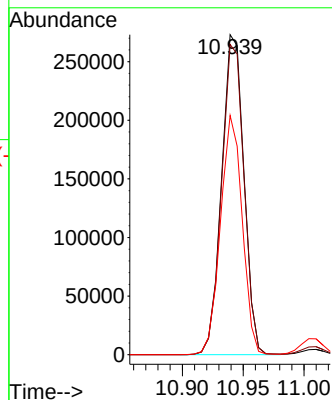
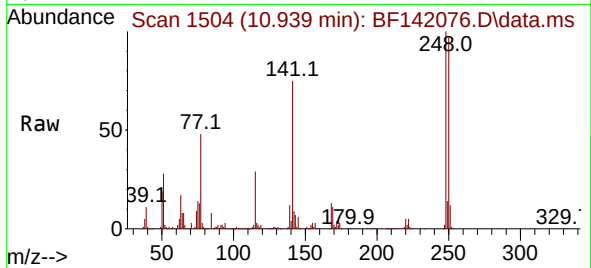




#67
4-Bromophenyl-phenylether
Concen: 50.401 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

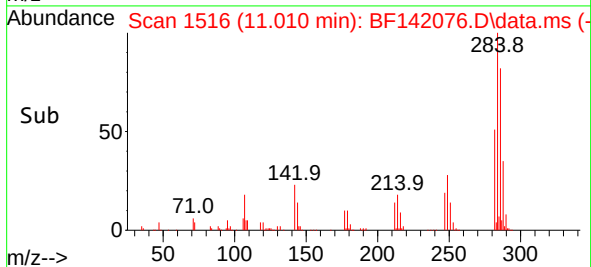
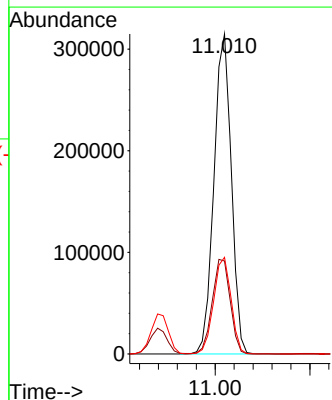
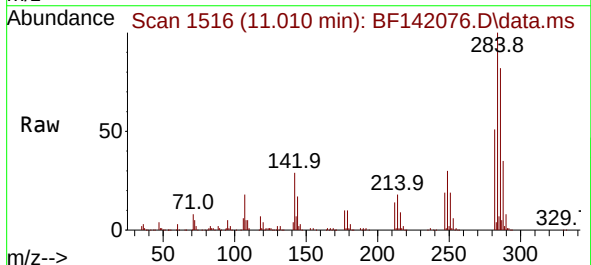
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

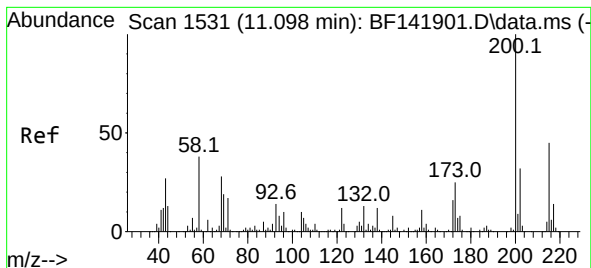
Tgt Ion:248 Resp: 348971
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 74.8 62.6 93.8



#68
Hexachlorobenzene
Concen: 52.895 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:284 Resp: 401680
Ion Ratio Lower Upper
284 100
142 29.1 27.0 40.6
249 30.2 25.2 37.8





#69

Atrazine

Concen: 67.495 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

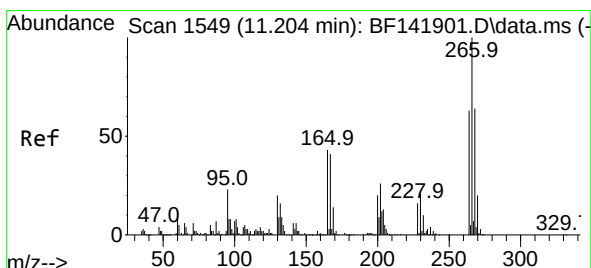
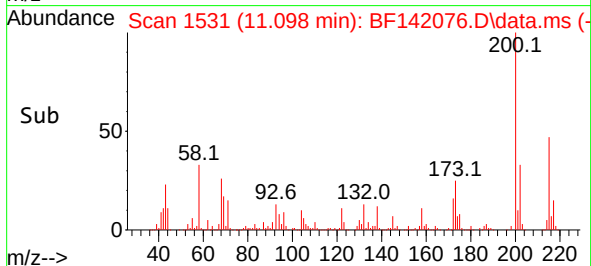
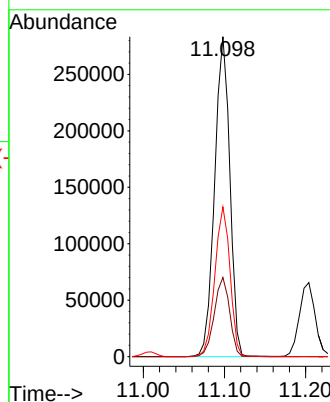
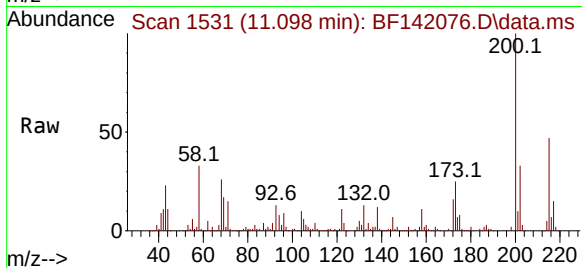
Tgt Ion:200 Resp: 369149

Ion Ratio Lower Upper

200 100

173 24.8 4.7 44.7

215 46.8 25.4 65.4



#70

Pentachlorophenol

Concen: 101.191 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

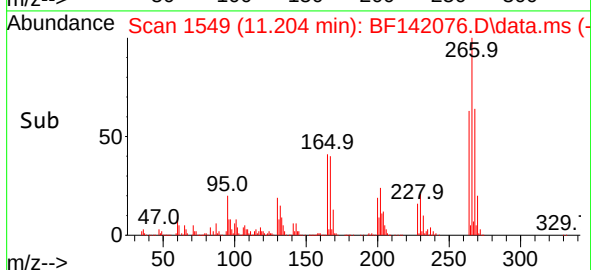
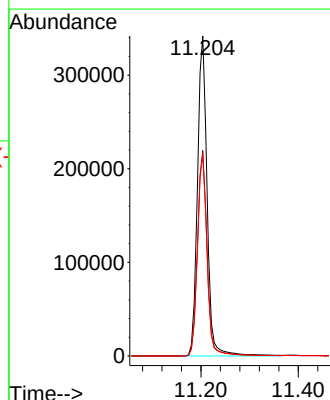
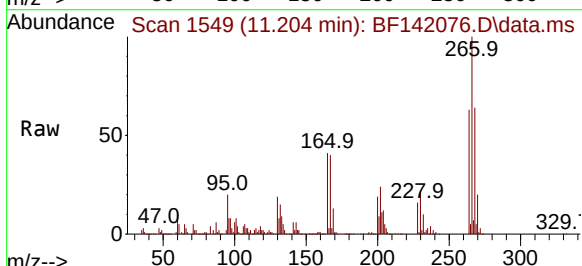
Tgt Ion:266 Resp: 473454

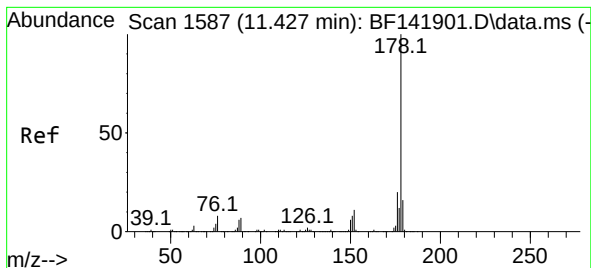
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

264 63.0 50.2 75.2





#71

Phenanthrene

Concen: 50.751 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

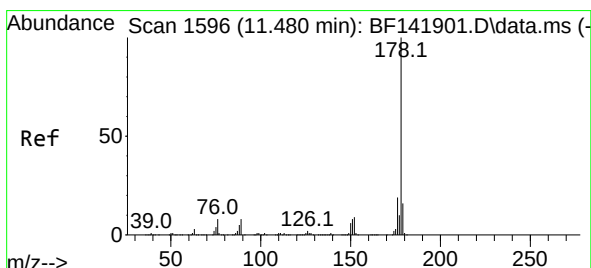
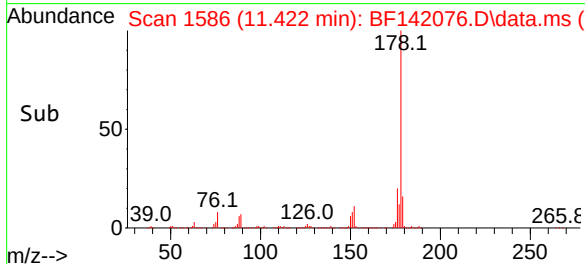
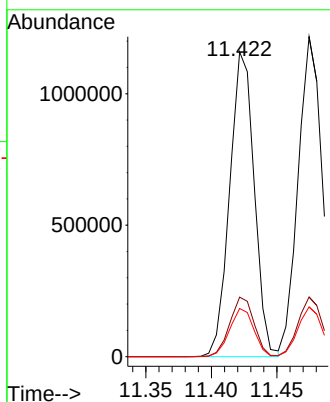
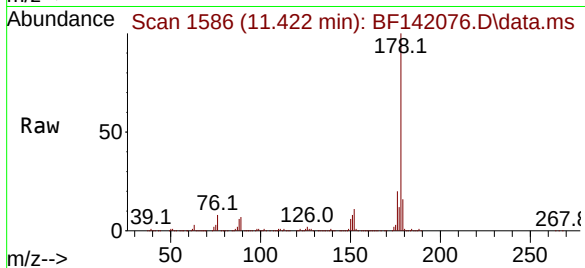
Tgt Ion:178 Resp: 1511285

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.8 12.6 19.0



#72

Anthracene

Concen: 51.617 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

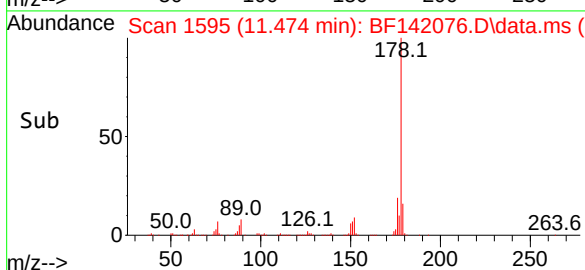
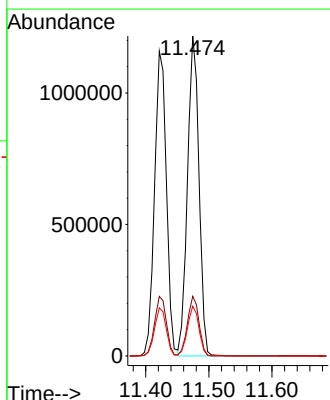
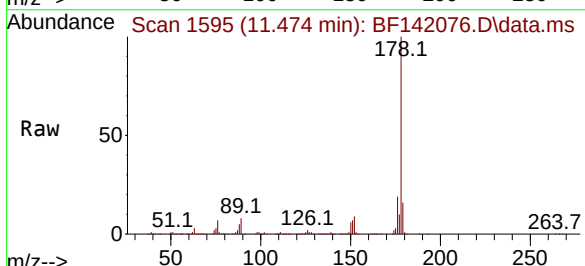
Tgt Ion:178 Resp: 1542089

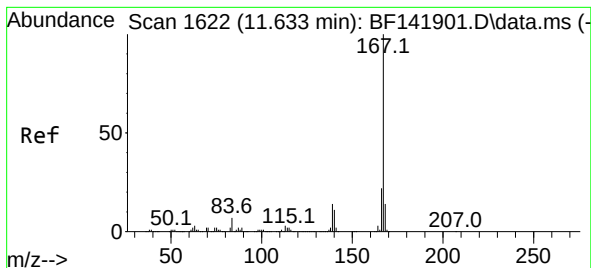
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.6 12.6 19.0





#73

Carbazole

Concen: 50.019 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

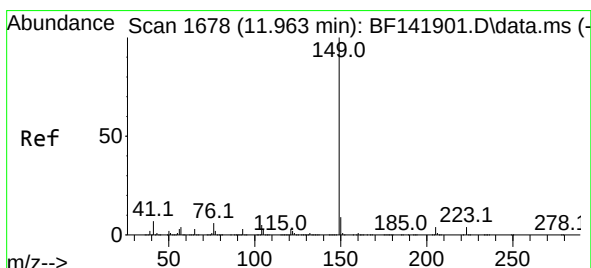
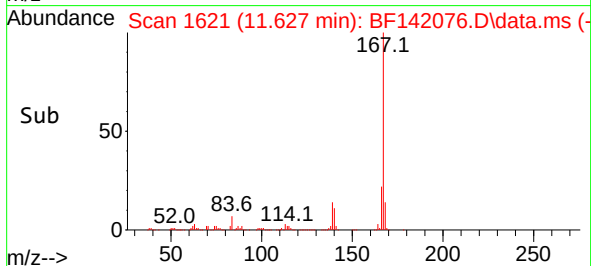
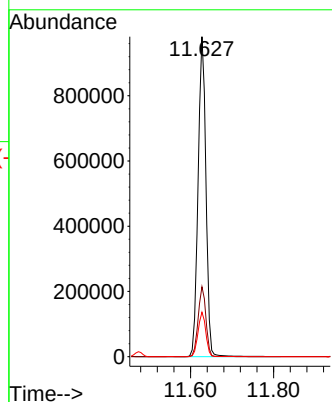
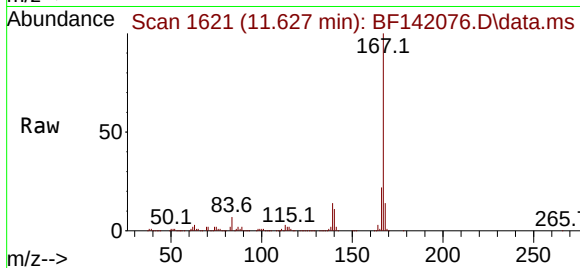
Tgt Ion:167 Resp: 1288722

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.9 11.0 16.6



#74

Di-n-butylphthalate

Concen: 48.177 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

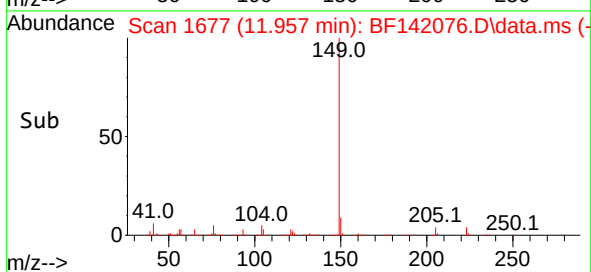
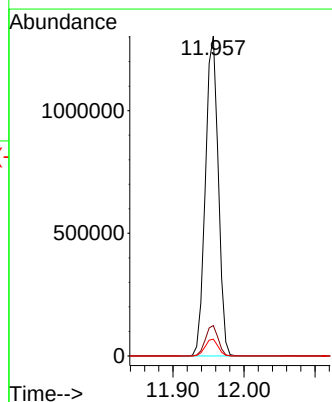
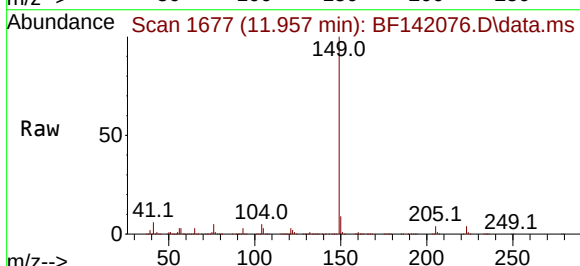
Tgt Ion:149 Resp: 1647015

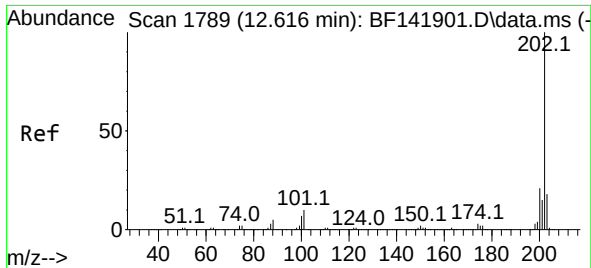
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.3 4.4 6.6

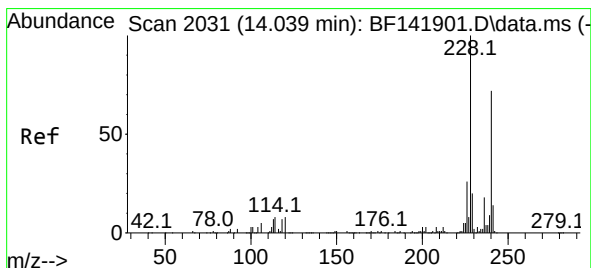
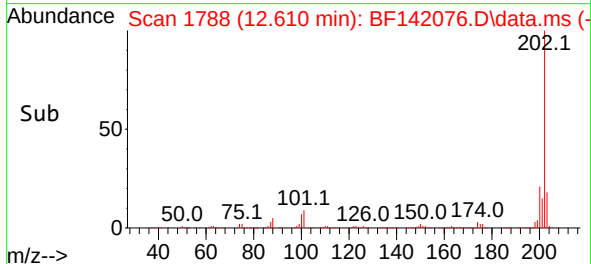
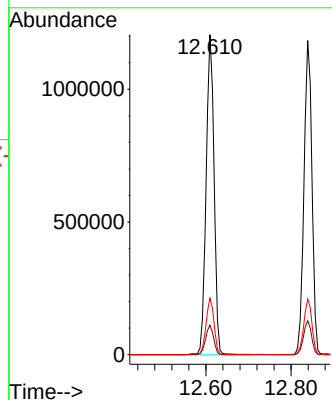
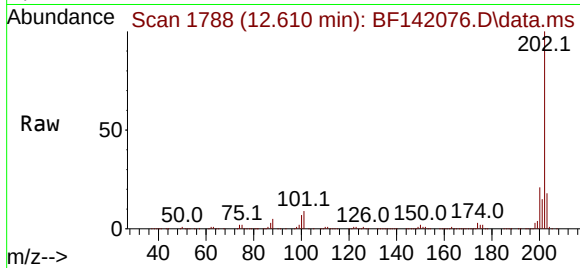




#75
Fluoranthene
Concen: 49.247 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

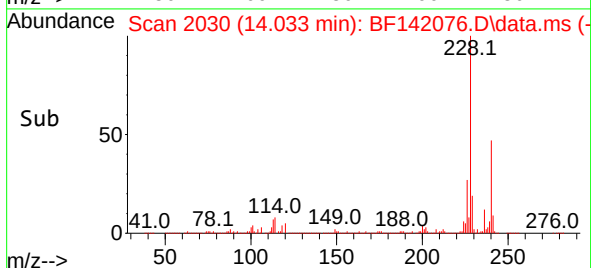
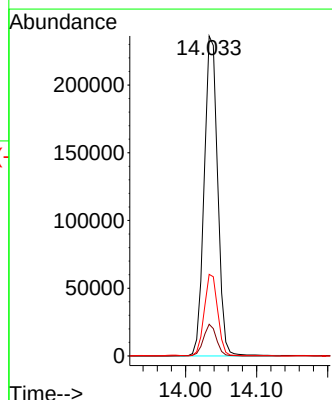
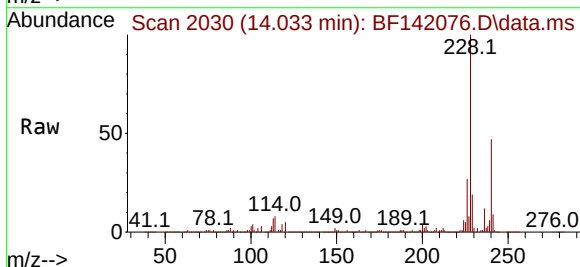
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

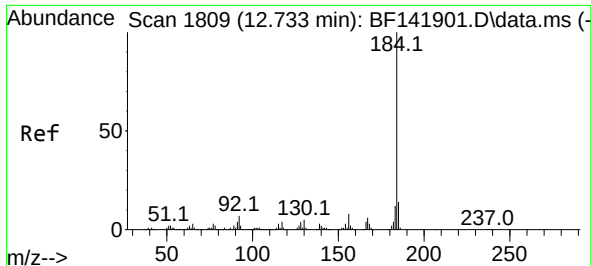
Tgt Ion:202 Resp: 1555609
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:240 Resp: 312772
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.5 20.5 30.7

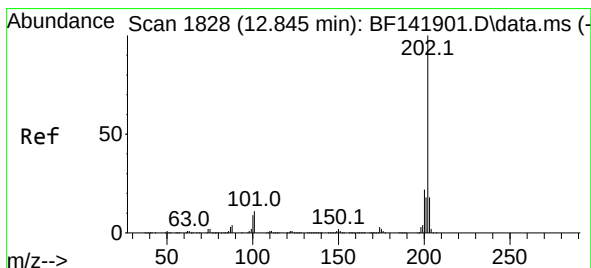
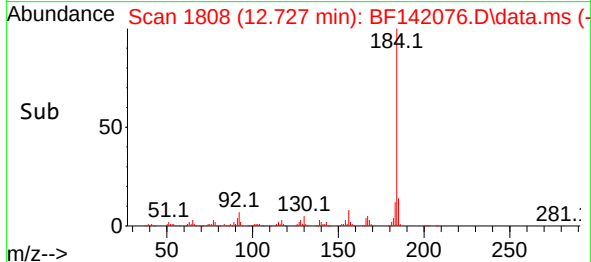
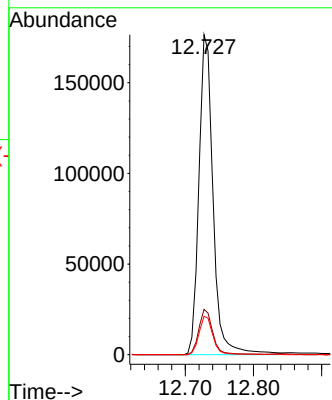
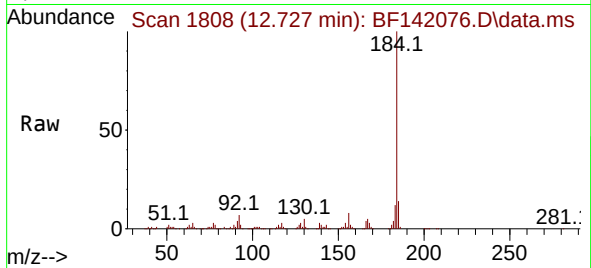




#77
Benzidine
Concen: 58.453 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

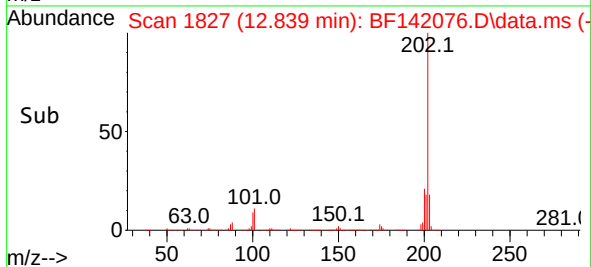
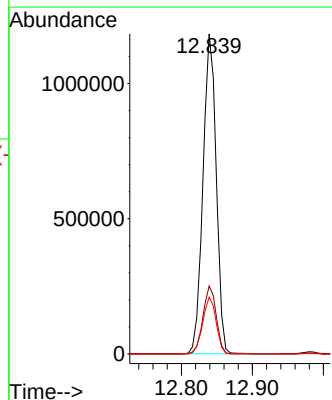
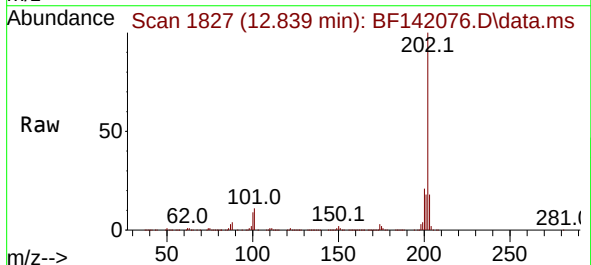
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

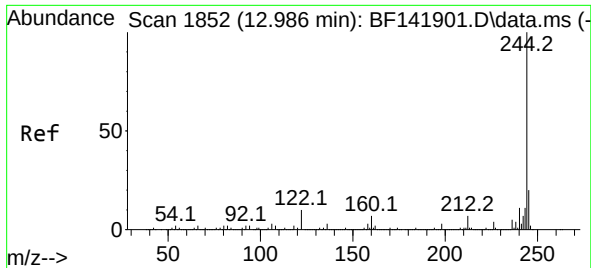
Tgt Ion:184 Resp: 255075
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 12.0 9.7 14.5



#78
Pyrene
Concen: 56.830 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:202 Resp: 1537555
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.7 14.4 21.6

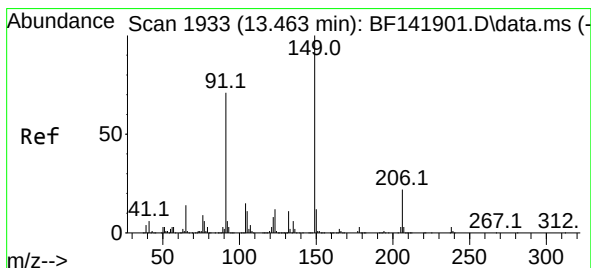
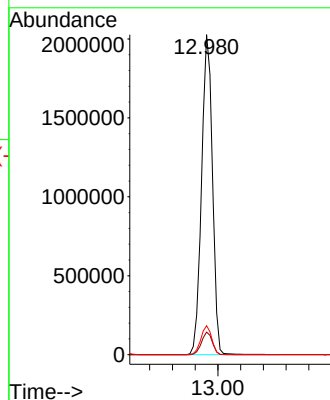
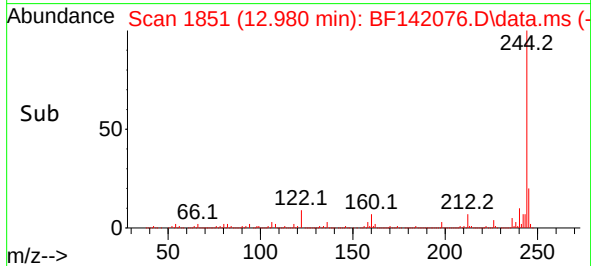
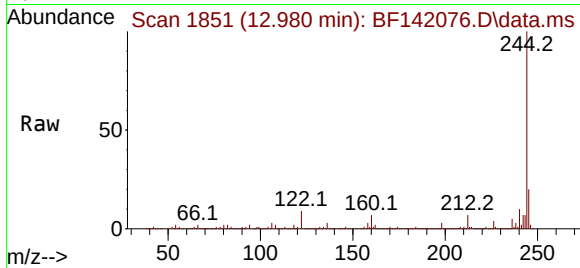




#79
 Terphenyl-d14
 Concen: 127.604 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142076.D
 Acq: 25 Mar 2025 14:07

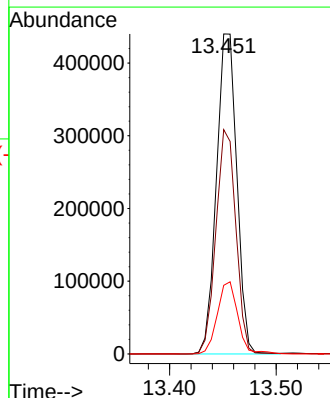
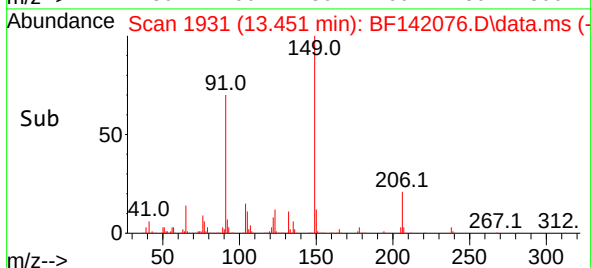
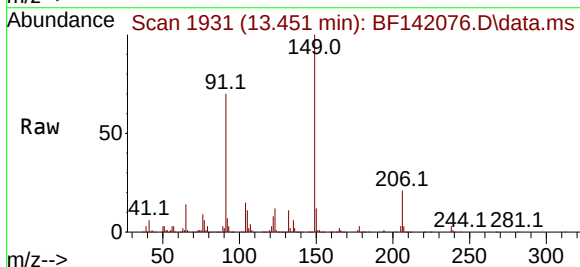
Instrument :
 BNA_F
 ClientSampleId :
 PB167230BSD

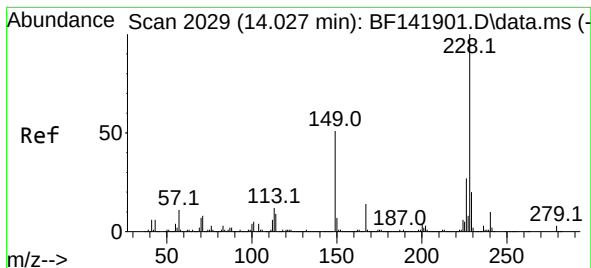
Tgt Ion:244 Resp: 2699500
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 55.043 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142076.D
 Acq: 25 Mar 2025 14:07

Tgt Ion:149 Resp: 582881
 Ion Ratio Lower Upper
 149 100
 91 70.1 56.5 84.7
 206 21.4 17.3 25.9





#81

Benzo(a)anthracene

Concen: 52.803 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

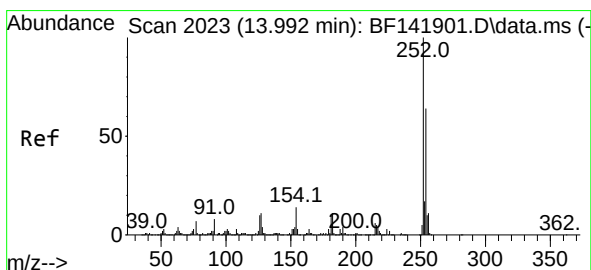
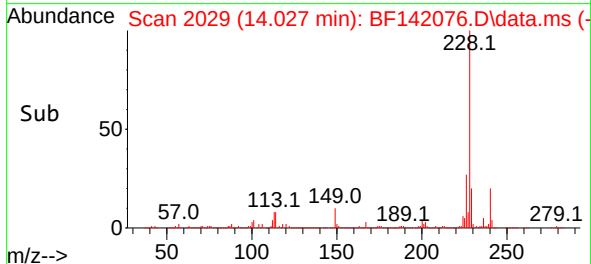
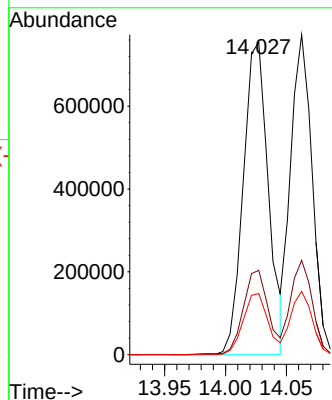
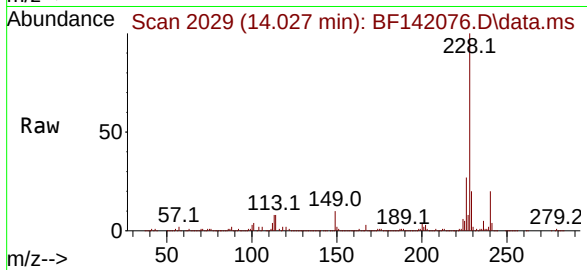
Tgt Ion:228 Resp: 1083745

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.5 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 33.004 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

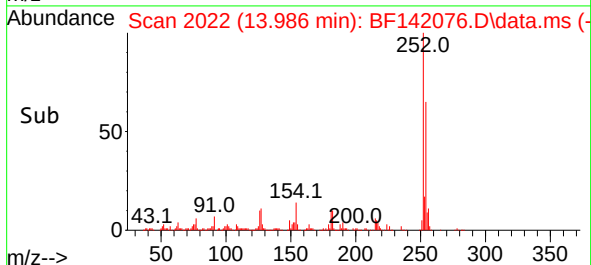
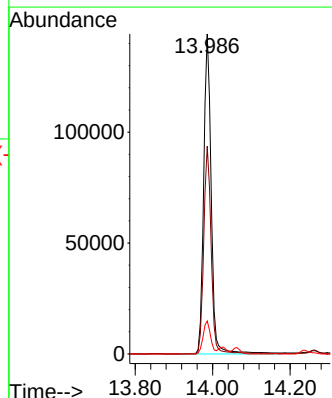
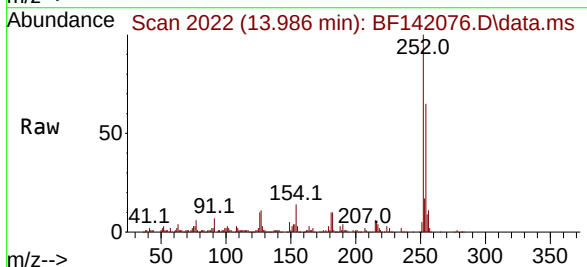
Tgt Ion:252 Resp: 195753

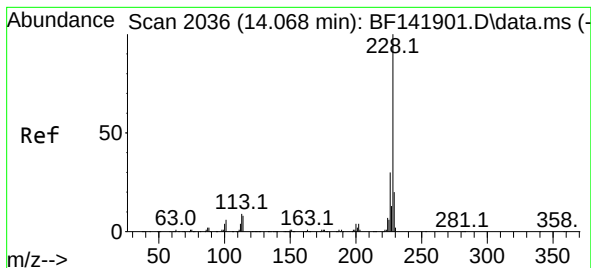
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

126 10.3 8.4 12.6





#83

Chrysene

Concen: 51.363 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

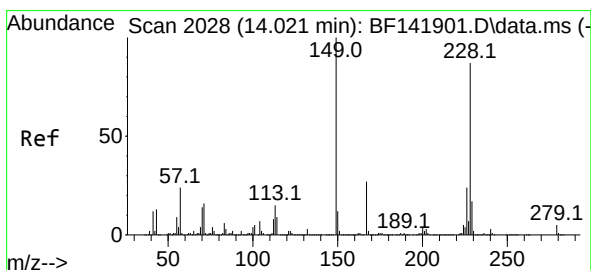
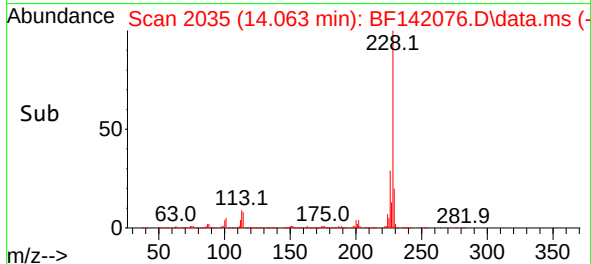
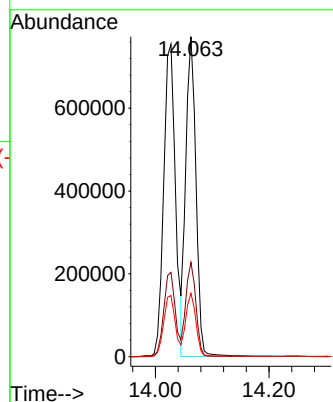
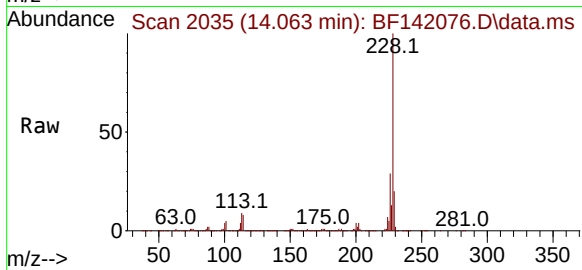
Tgt Ion:228 Resp: 955583

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.953 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

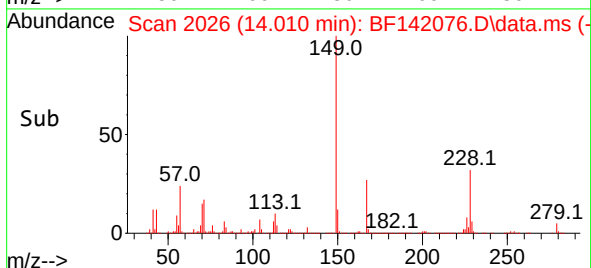
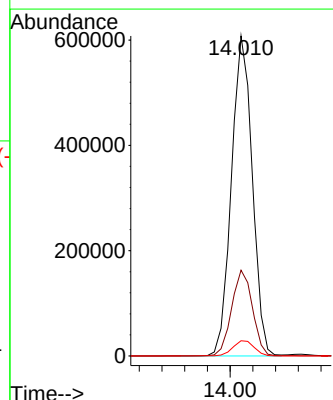
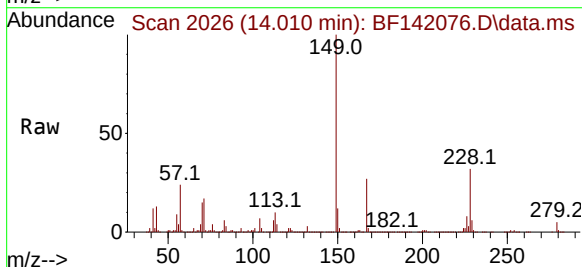
Tgt Ion:149 Resp: 773146

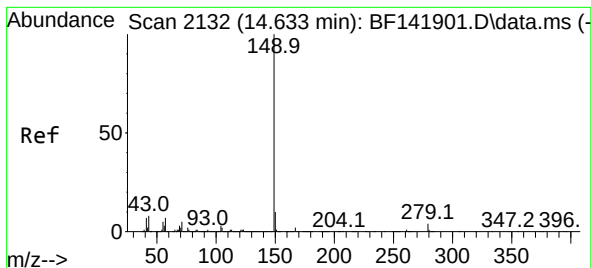
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.8 3.8 5.6

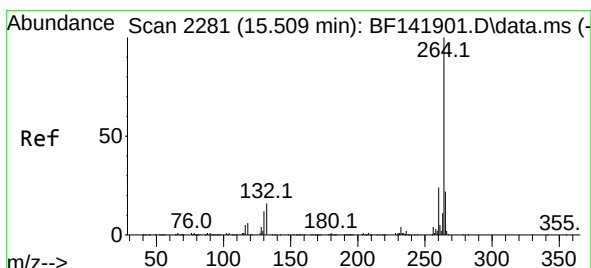
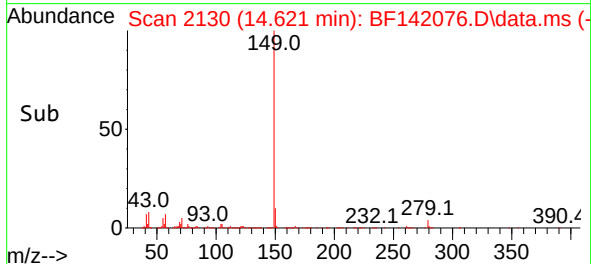
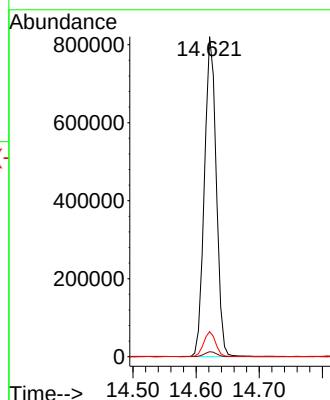
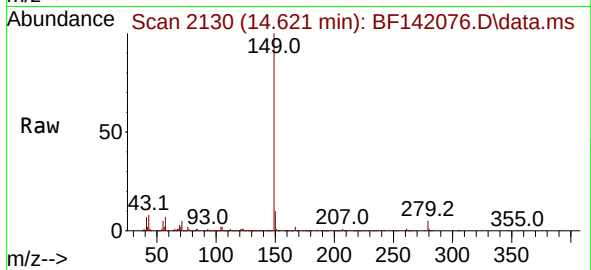




#85
Di-n-octyl phthalate
Concen: 52.717 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

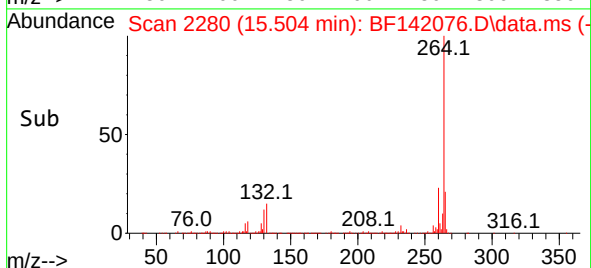
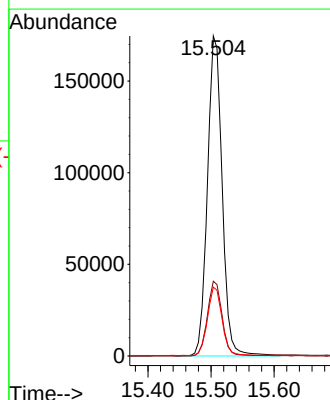
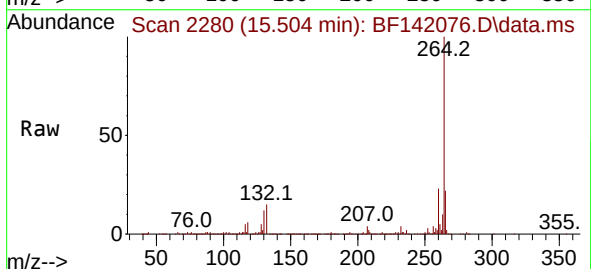
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

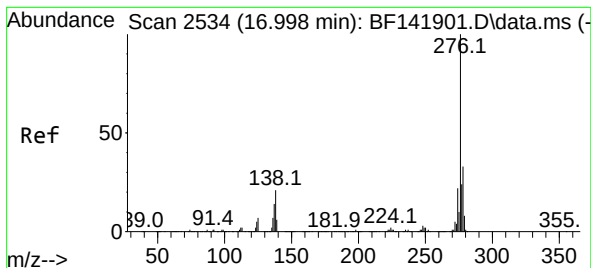
Tgt Ion:149 Resp: 1070955
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.7 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:264 Resp: 282745
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.325 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167230BSD

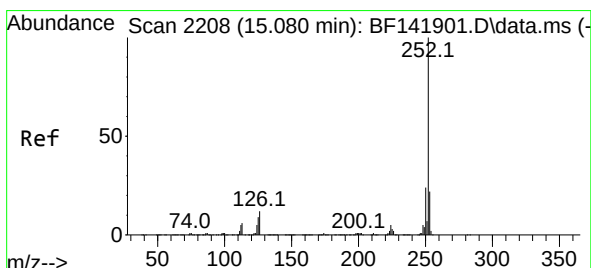
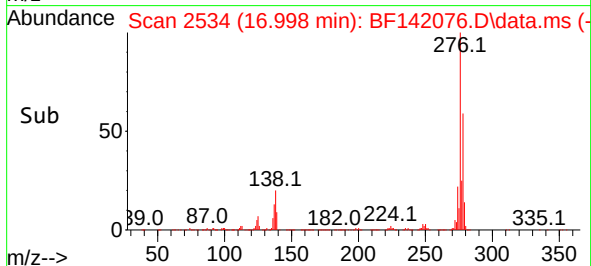
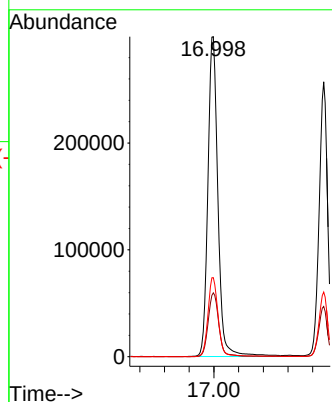
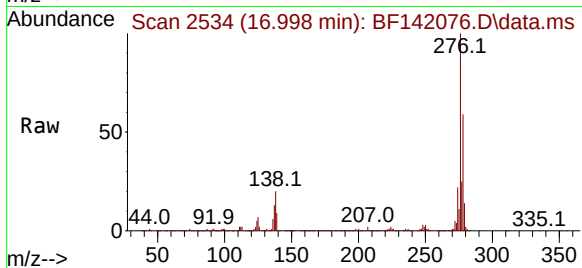
Tgt Ion:276 Resp: 847297

Ion Ratio Lower Upper

276 100

138 21.1 18.4 27.6

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.302 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF142076.D

Acq: 25 Mar 2025 14:07

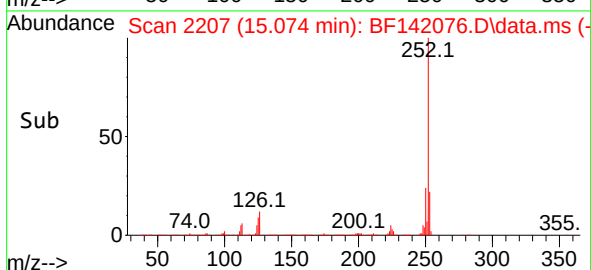
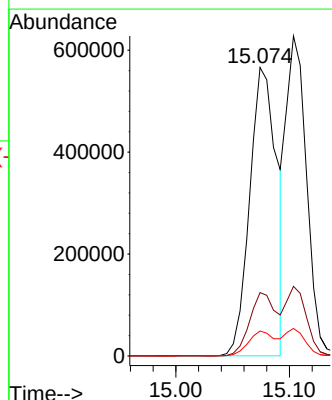
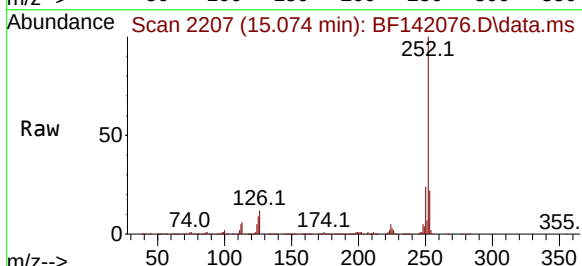
Tgt Ion:252 Resp: 935996

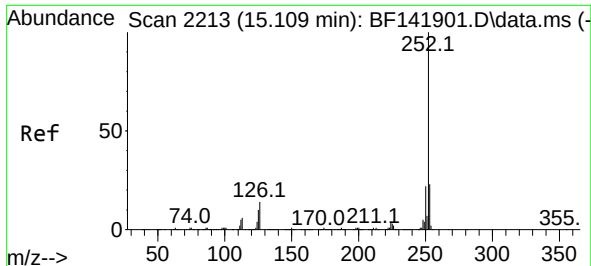
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.7 7.0 10.4

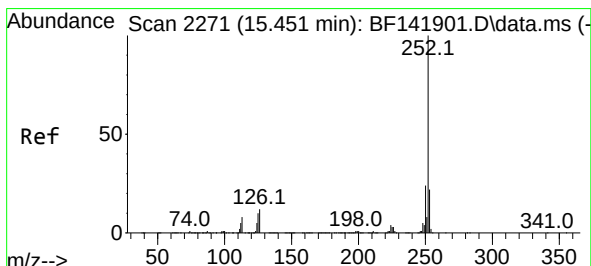
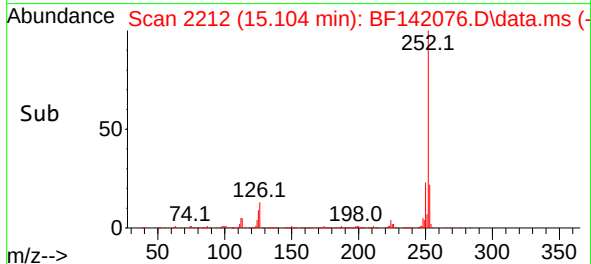
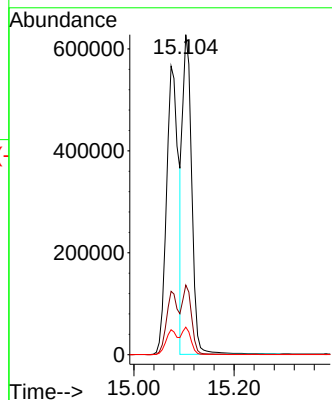
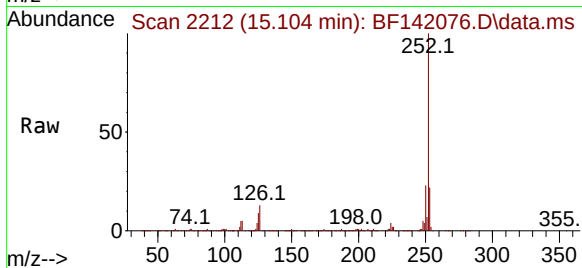




#89
Benzo(k)fluoranthene
Concen: 48.238 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

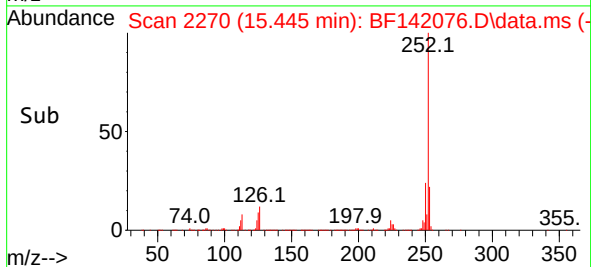
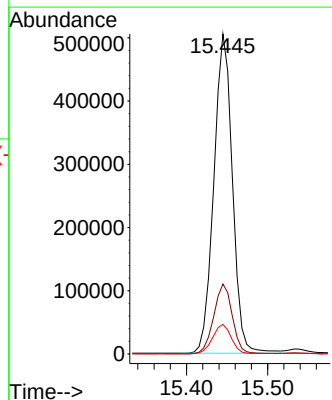
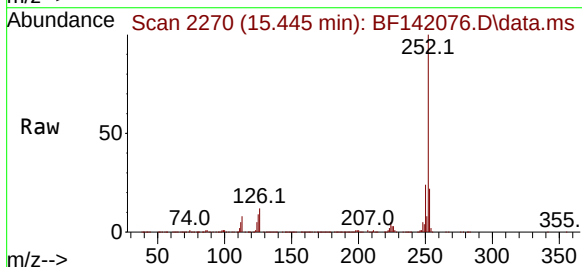
Instrument :
BNA_F
ClientSampleId :
PB167230BSD

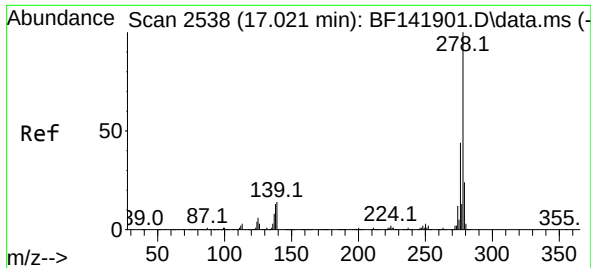
Tgt Ion:252 Resp: 799945
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.6 7.2 10.8



#90
Benzo(a)pyrene
Concen: 53.012 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142076.D
Acq: 25 Mar 2025 14:07

Tgt Ion:252 Resp: 803800
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.2 7.8 11.8

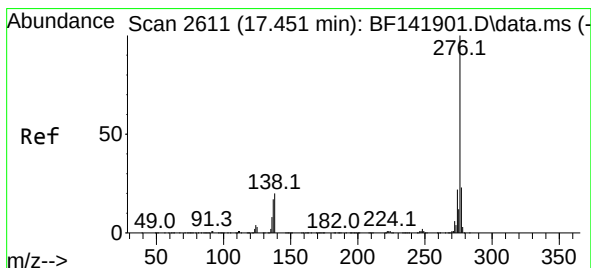
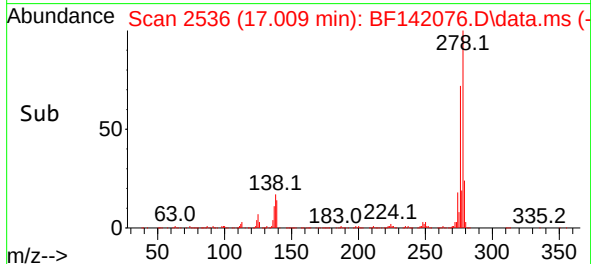
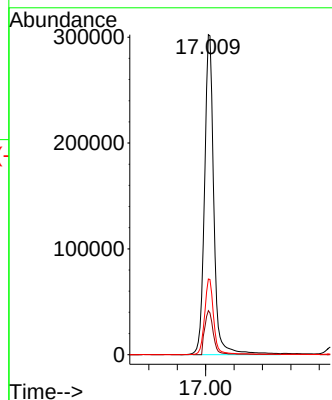
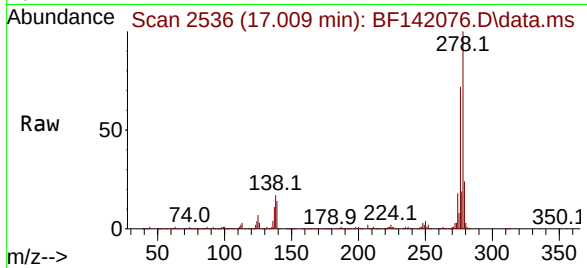




#91
 Dibenzo(a,h)anthracene
 Concen: 45.561 ng
 RT: 17.009 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142076.D
 Acq: 25 Mar 2025 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB167230BSD

Tgt Ion:278 Resp: 687566
 Ion Ratio Lower Upper
 278 100
 139 13.8 11.4 17.2
 279 23.7 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 42.623 ng
 RT: 17.445 min Scan# 2610
 Delta R.T. -0.006 min
 Lab File: BF142076.D
 Acq: 25 Mar 2025 14:07

Tgt Ion:276 Resp: 635638
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.7 28.1
 138 18.3 15.8 23.8

