

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142707.D
 Acq On : 10 Jun 2025 12:41
 Operator : RC/JU
 Sample : Q2266-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

Quant Time: Jun 10 13:03:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 18:21:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	72888	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	273042	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	145075	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	232310	20.000	ng	0.00
76) Chrysene-d12	14.068	240	148312	20.000	ng	0.00
86) Perylene-d12	15.562	264	175165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	340306	79.276	ng	0.00
7) Phenol-d6	6.522	99	406467	80.743	ng	-0.01
23) Nitrobenzene-d5	7.457	82	247275	49.770	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	125299	76.874	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	538196	50.734	ng	-0.01
79) Terphenyl-d14	13.010	244	491238	52.383	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	68509	41.677	ng	98
3) Pyridine	3.493	79	183023	43.171	ng	99
4) n-Nitrosodimethylamine	3.446	42	96386	46.711	ng	98
6) Aniline	6.557	93	248164	36.718	ng	99
8) 2-Chlorophenol	6.681	128	208523	44.523	ng	99
9) Benzaldehyde	6.445	77	104640	36.872	ng	99
10) Phenol	6.534	94	246617	43.748	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	184983	45.043	ng	98
12) 1,3-Dichlorobenzene	6.834	146	233508	44.519	ng	99
13) 1,4-Dichlorobenzene	6.910	146	238429	44.458	ng	98
14) 1,2-Dichlorobenzene	7.063	146	226066	44.209	ng	98
15) Benzyl Alcohol	7.034	79	168410	45.734	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	287195	42.946	ng	99
17) 2-Methylphenol	7.145	107	157220	43.778	ng	98
18) Hexachloroethane	7.404	117	84051	45.619	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	135672	45.976	ng	99
20) 3+4-Methylphenols	7.298	107	195228	44.140	ng	# 90
22) Acetophenone	7.304	105	269490	45.151	ng	97
24) Nitrobenzene	7.475	77	197188	44.009	ng	99
25) Isophorone	7.716	82	362536	44.976	ng	100
26) 2-Nitrophenol	7.792	139	115403	46.692	ng	97
27) 2,4-Dimethylphenol	7.828	122	185692	44.207	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	224965	44.498	ng	98
29) 2,4-Dichlorophenol	8.034	162	172633	44.862	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	195048	46.468	ng	98
31) Naphthalene	8.198	128	604704	44.944	ng	100
32) Benzoic acid	7.939	122	110354	43.323	ng	99
33) 4-Chloroaniline	8.245	127	146701	26.521	ng	100
34) Hexachlorobutadiene	8.316	225	119125	46.081	ng	99
35) Caprolactam	8.616	113	51771	43.802	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	171637	43.241	ng	99
37) 2-Methylnaphthalene	8.892	142	371697	43.904	ng	100
38) 1-Methylnaphthalene	8.992	142	380265	43.375	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	189986	45.315	ng	99
41) Hexachlorocyclopentadiene	9.045	237	230626	93.671	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	123561	44.916	ng	99

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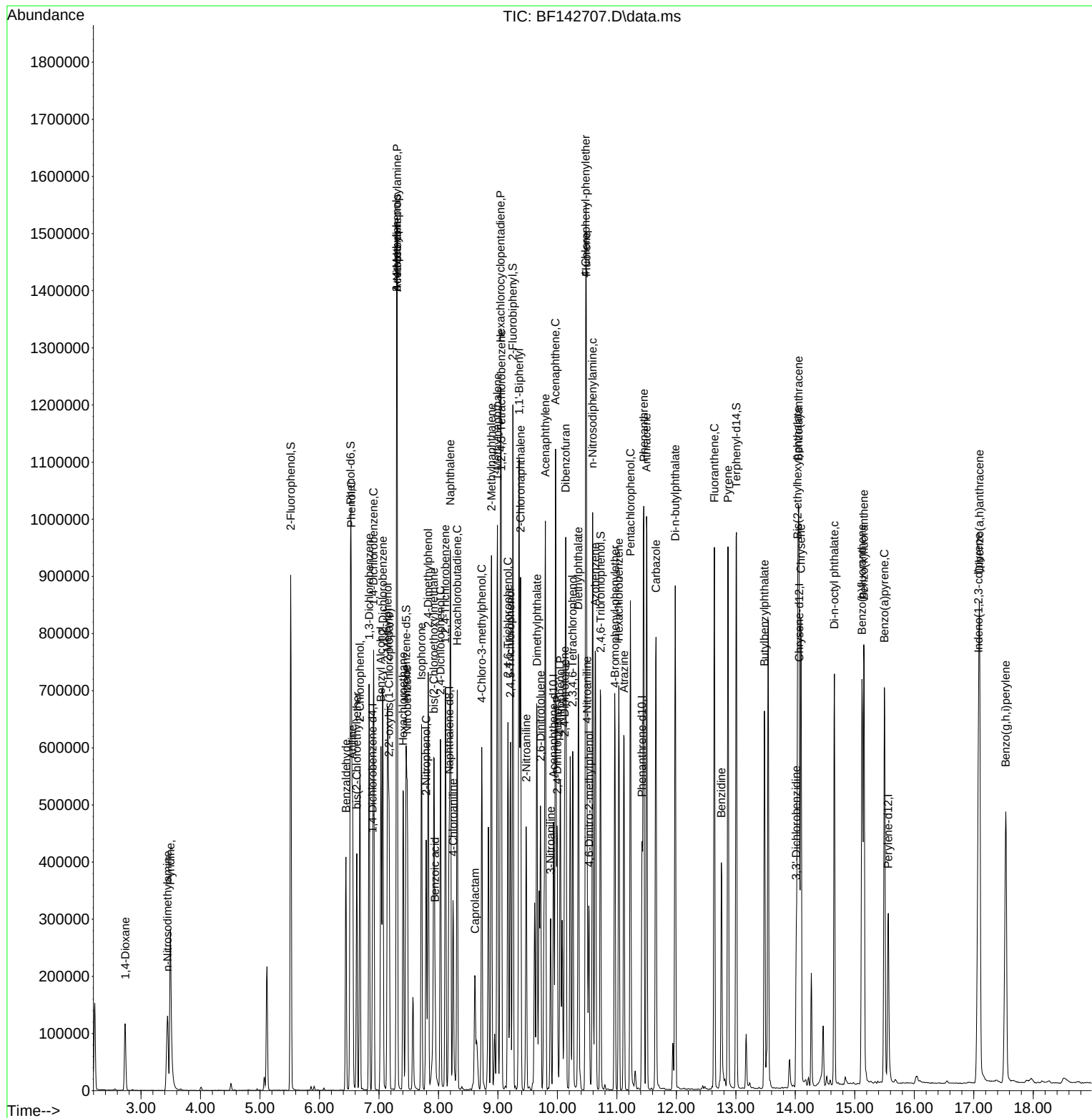
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	129648	44.123	ng	98
46) 1,1'-Biphenyl	9.357	154	510817	45.281	ng	99
47) 2-Chloronaphthalene	9.380	162	372308	44.047	ng	99
48) 2-Nitroaniline	9.475	65	106260	42.246	ng	97
49) Acenaphthylene	9.798	152	625589	44.657	ng	100
50) Dimethylphthalate	9.657	163	427699	43.818	ng	100
51) 2,6-Dinitrotoluene	9.716	165	92781	43.941	ng	96
52) Acenaphthene	9.969	154	413493	48.251	ng	100
53) 3-Nitroaniline	9.886	138	69342	29.227	ng	98
54) 2,4-Dinitrophenol	9.998	184	95949	82.076	ng	97
55) Dibenzofuran	10.139	168	544806	44.314	ng	98
56) 4-Nitrophenol	10.051	139	138939	85.199	ng	98
57) 2,4-Dinitrotoluene	10.122	165	126936	44.849	ng	98
58) Fluorene	10.486	166	417455	42.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	105582	42.702	ng	97
60) Diethylphthalate	10.351	149	423266	44.667	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	203717	43.848	ng	99
62) 4-Nitroaniline	10.498	138	90730	40.313	ng	94
63) Azobenzene	10.633	77	404594	47.665	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	64455	43.501	ng	98
66) n-Nitrosodiphenylamine	10.592	169	364150	48.550	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	122488	47.703	ng	99
68) Hexachlorobenzene	11.033	284	140803	47.723	ng	99
69) Atrazine	11.122	200	111741	49.125	ng	99
70) Pentachlorophenol	11.227	266	144449	89.026	ng	99
71) Phenanthrene	11.451	178	570569	45.942	ng	99
72) Anthracene	11.498	178	582233	45.175	ng	100
73) Carbazole	11.657	167	499561	43.045	ng	100
74) Di-n-butylphthalate	11.980	149	635033	51.543	ng	100
75) Fluoranthene	12.639	202	558947	44.920	ng	100
77) Benzidine	12.757	184	248352	48.519	ng	99
78) Pyrene	12.869	202	555639	45.977	ng	100
80) Butylbenzylphthalate	13.480	149	225894	60.697	ng	97
81) Benzo(a)anthracene	14.057	228	448189	46.564	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	90579	29.440	ng	100
83) Chrysene	14.092	228	424624	46.575	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	312126	73.457	ng	99
85) Di-n-octyl phthalate	14.657	149	503646	60.944	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	573017	46.246	ng	99
88) Benzo(b)fluoranthene	15.121	252	486439	46.482	ng	99
89) Benzo(k)fluoranthene	15.151	252	423841	43.039	ng	100
90) Benzo(a)pyrene	15.498	252	449775	45.864	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	463774	46.496	ng	100
92) Benzo(g,h,i)perylene	17.539	276	449262	43.497	ng	99

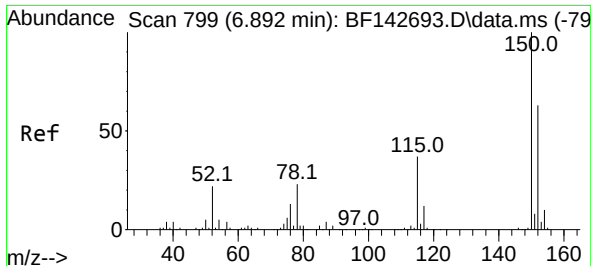
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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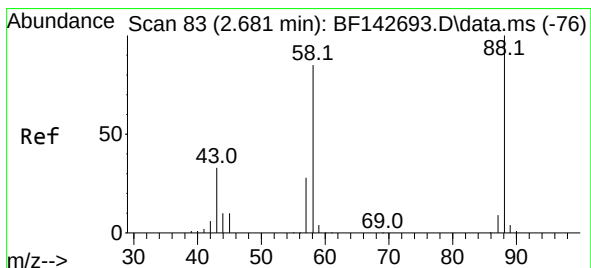
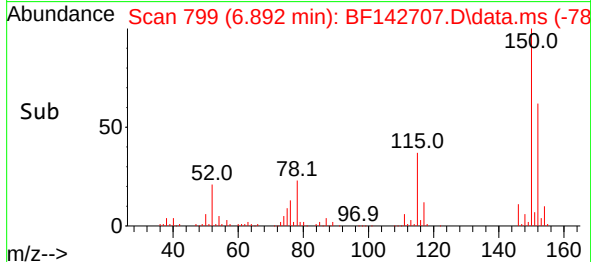
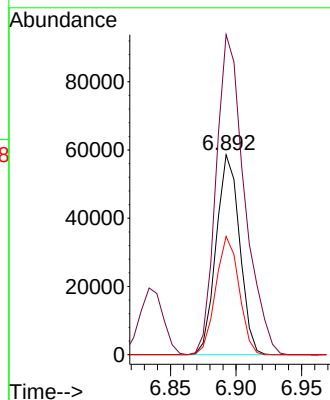
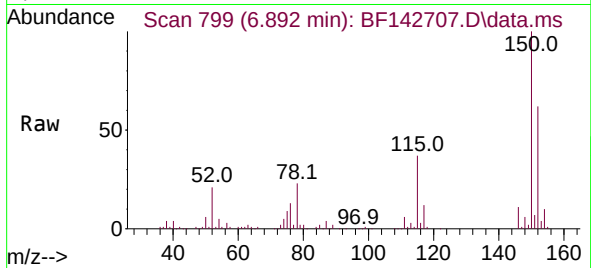




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF142707.D
 Acq: 10 Jun 2025 12:41

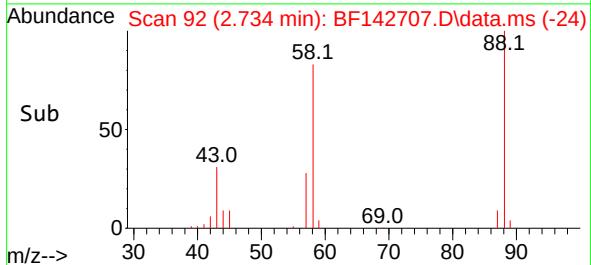
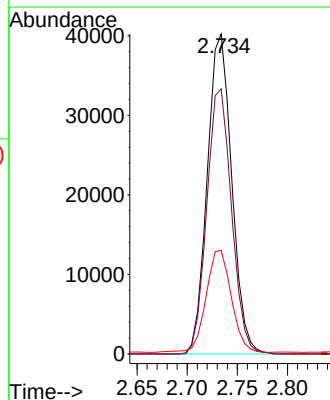
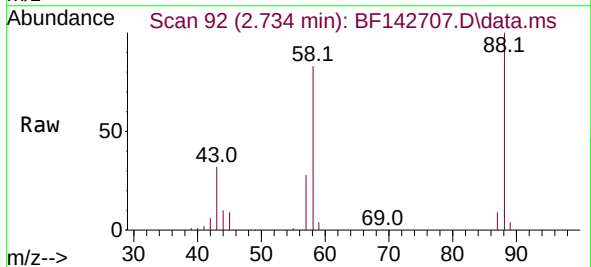
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 ClientSampleId :
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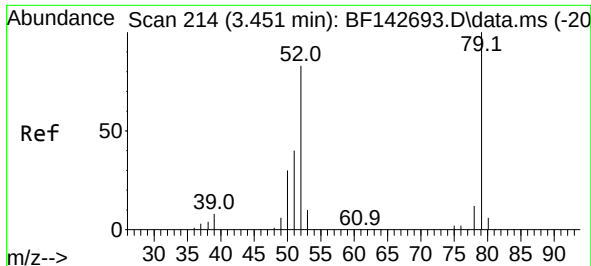
Tgt Ion:152 Resp: 72888
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.8 190.2
 115 59.1 46.8 70.2



#2
 1,4-Dioxane
 Concen: 41.677 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.053 min
 Lab File: BF142707.D
 Acq: 10 Jun 2025 12:41

Tgt Ion: 88 Resp: 68509
 Ion Ratio Lower Upper
 88 100
 58 83.7 69.2 103.8
 43 32.9 26.3 39.5

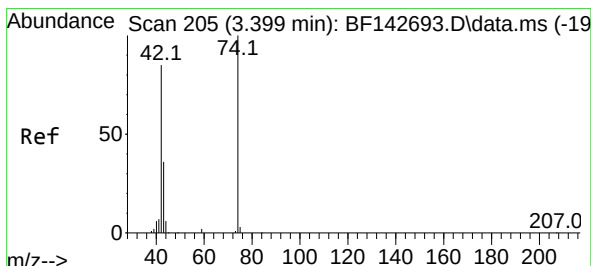
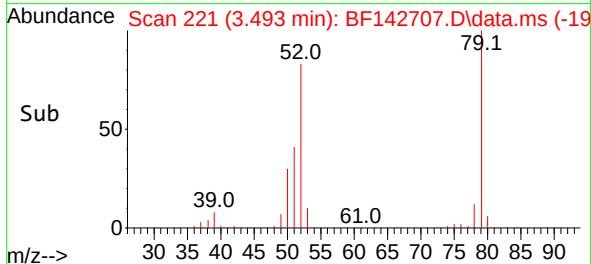
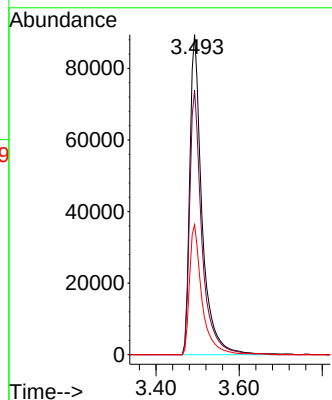
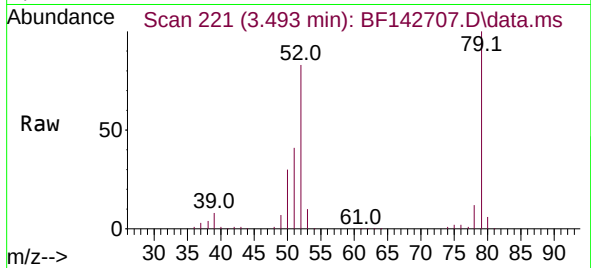




#3
Pyridine
Concen: 43.171 ng
RT: 3.493 min Scan# 214
Delta R.T. 0.041 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

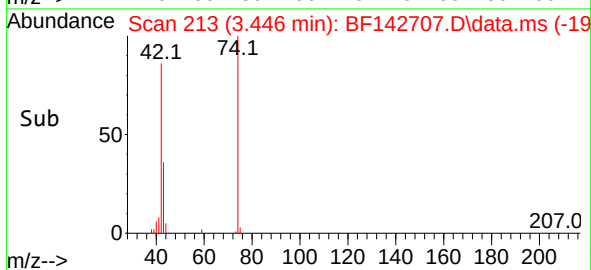
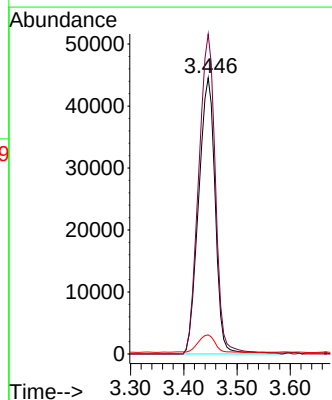
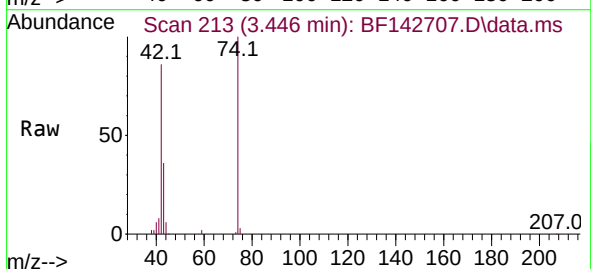
Instrument :
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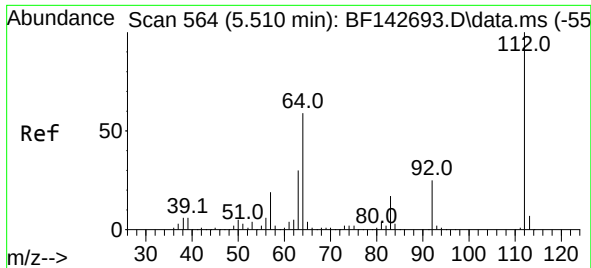
Tgt Ion: 79 Resp: 183023
Ion Ratio Lower Upper
79 100
52 82.6 66.6 99.8
51 40.6 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 46.711 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.018 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion: 42 Resp: 96386
Ion Ratio Lower Upper
42 100
74 115.9 94.5 141.7
44 6.9 5.6 8.4

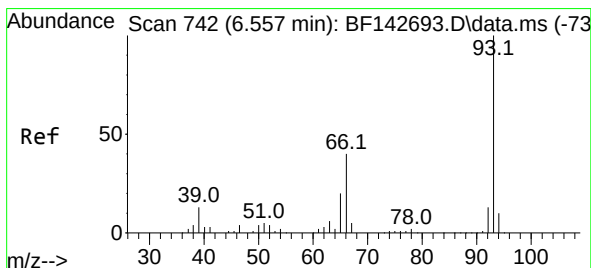
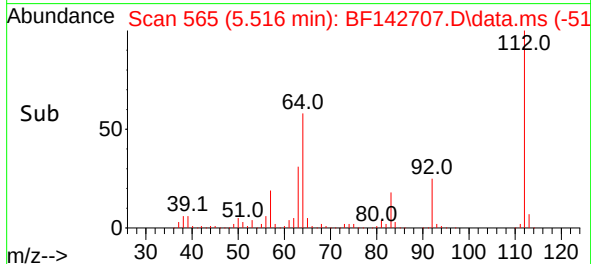
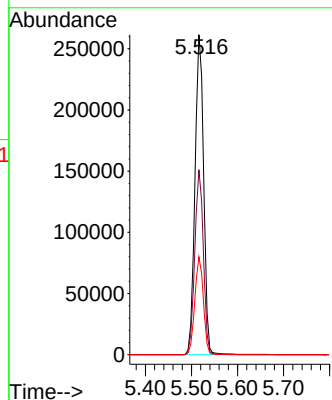
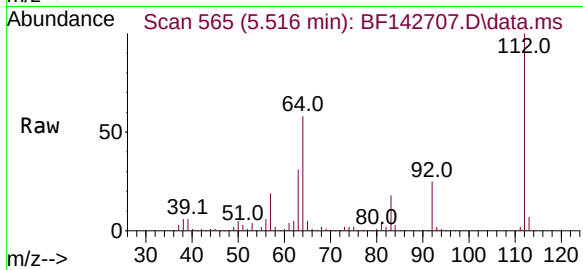




#5
2-Fluorophenol
Concen: 79.276 ng
RT: 5.516 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

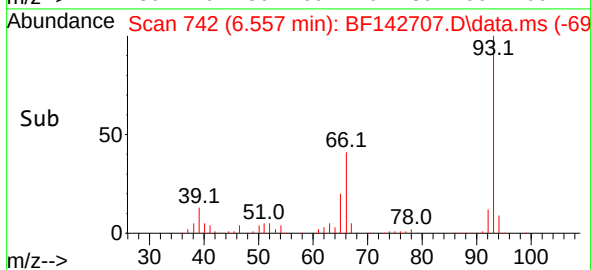
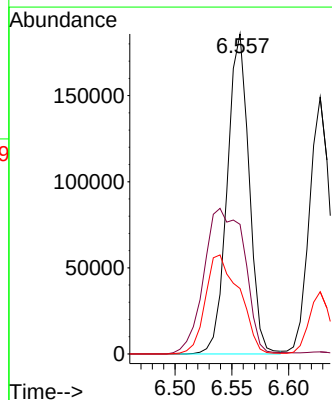
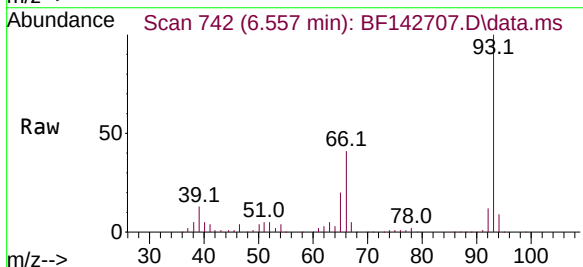
Instrument :
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ClientSampleId :
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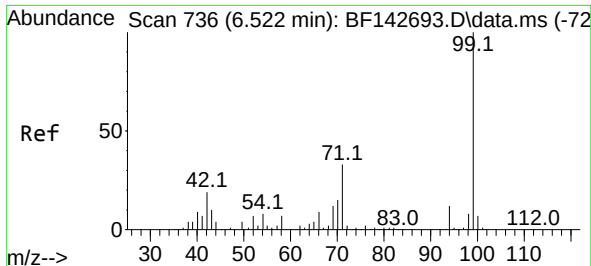
Tgt Ion:112 Resp: 340306
Ion Ratio Lower Upper
112 100
64 57.8 46.9 70.3
63 30.6 24.3 36.5



#6
Aniline
Concen: 36.718 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion: 93 Resp: 248164
Ion Ratio Lower Upper
93 100
66 40.5 32.8 49.2
65 20.5 16.4 24.6

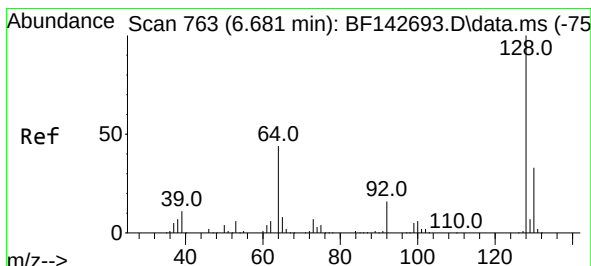
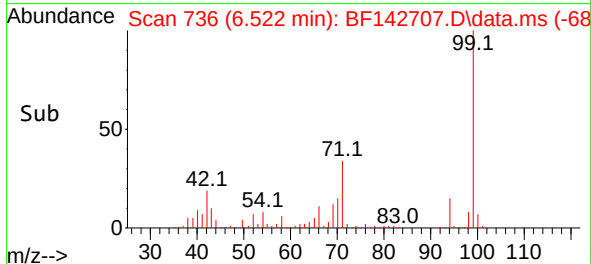
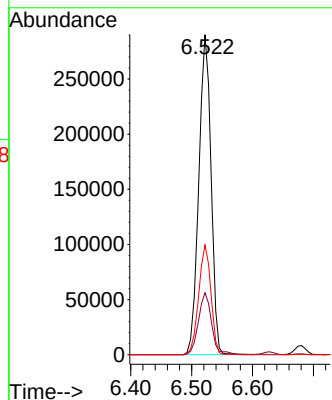
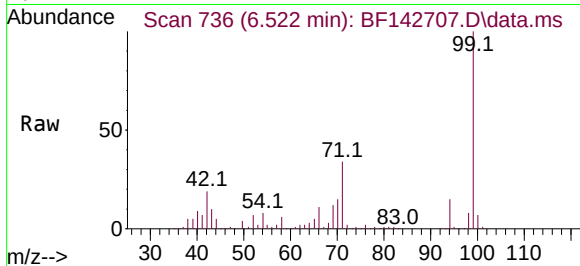




#7
Phenol-d6
Concen: 80.743 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

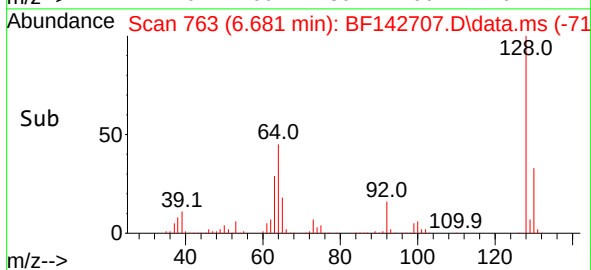
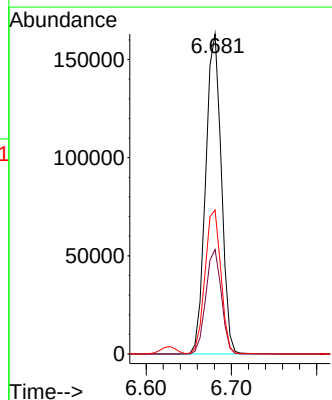
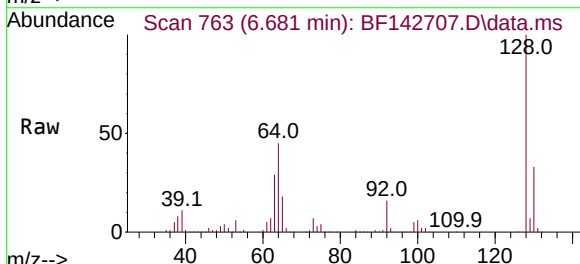
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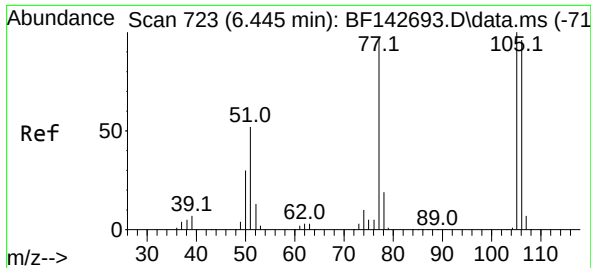
Tgt Ion: 99 Resp: 406467
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 34.3 26.3 39.5



#8
2-Chlorophenol
Concen: 44.523 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion: 128 Resp: 208523
Ion Ratio Lower Upper
128 100
130 32.7 13.3 53.3
64 45.0 25.4 65.4



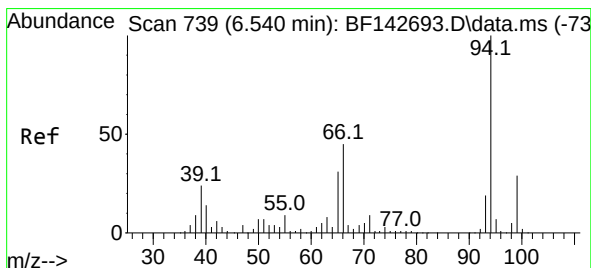
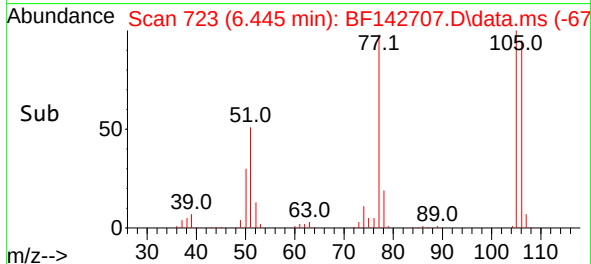
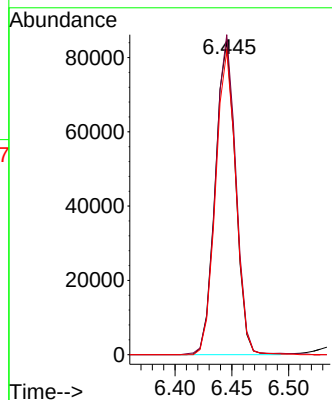
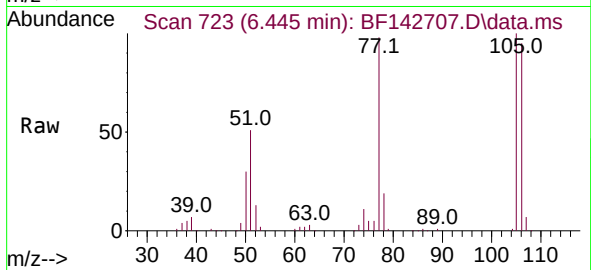


#9
Benzaldehyde
Concen: 36.872 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.000 min
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Instrument :
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Tgt Ion: 77 Resp: 104640

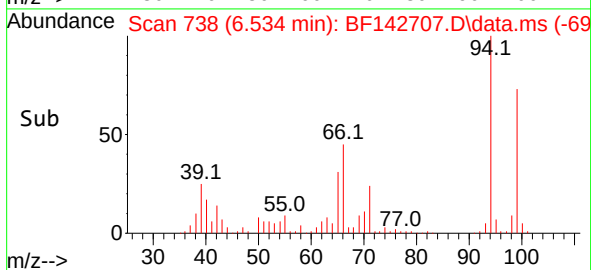
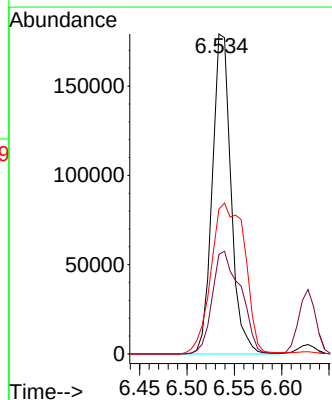
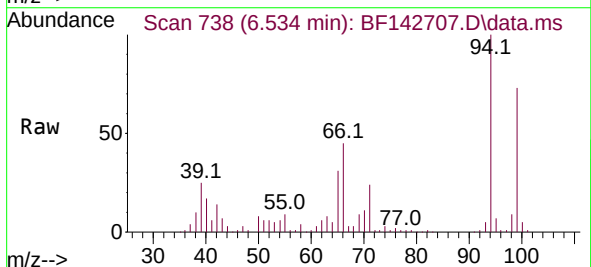
Ion	Ratio	Lower	Upper
77	100		
105	102.2	83.2	123.2
106	97.0	78.7	118.7

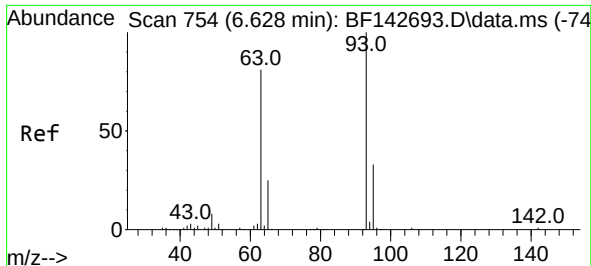


#10
Phenol
Concen: 43.748 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF142707.D
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Tgt Ion: 94 Resp: 246617

Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.0	51.0
66	45.3	24.9	64.9

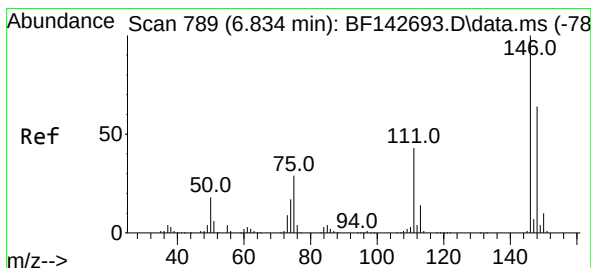
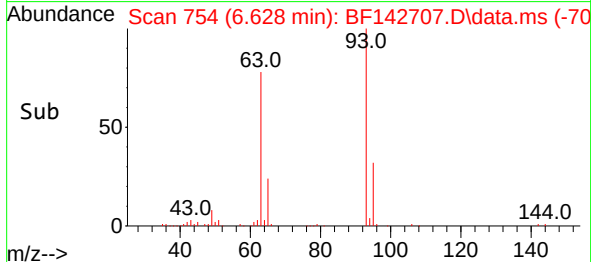
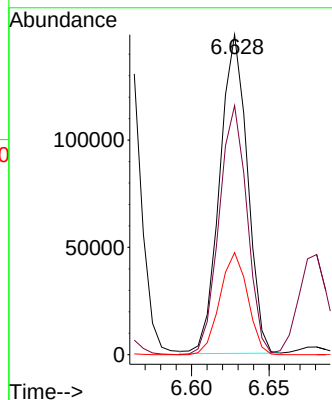
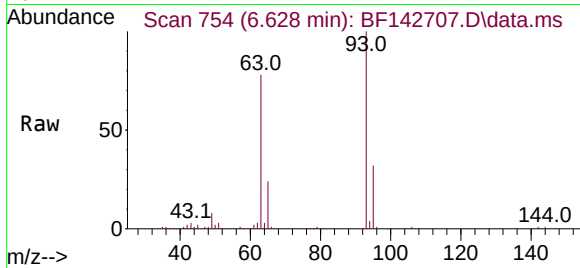




#11
bis(2-Chloroethyl)ether
Concen: 45.043 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

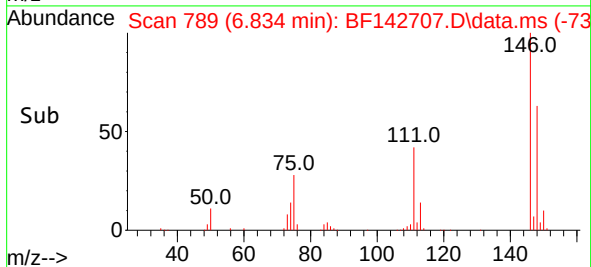
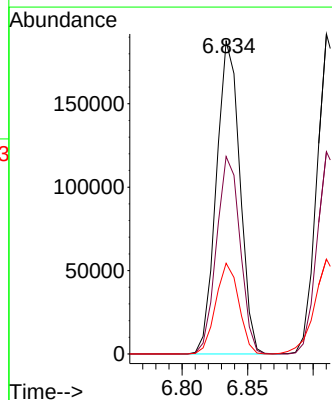
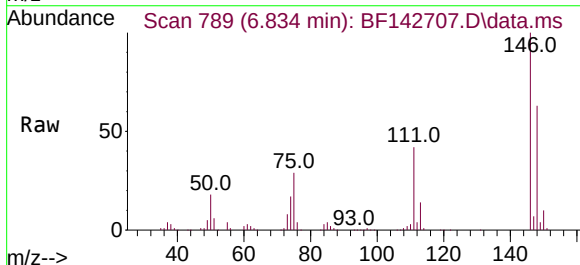
Instrument :
BNA_F
ClientSampleId :
WC-5MS

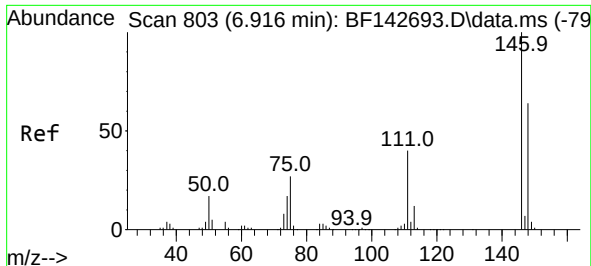
Tgt Ion: 93 Resp: 184983
Ion Ratio Lower Upper
93 100
63 77.9 60.0 100.0
95 31.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 44.519 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:146 Resp: 233508
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
75 29.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 44.458 ng

RT: 6.910 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

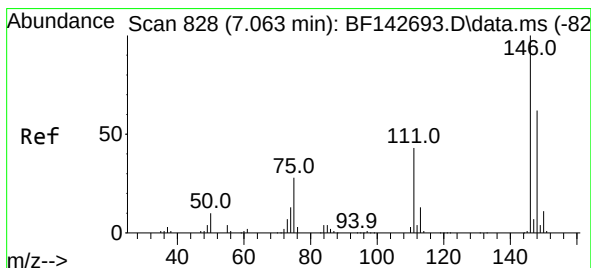
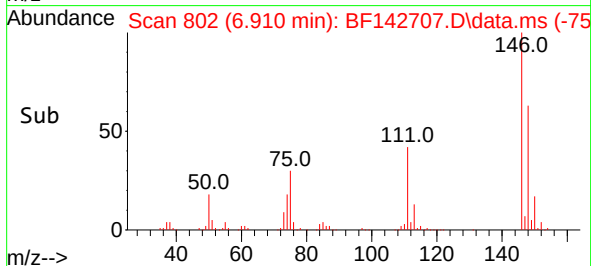
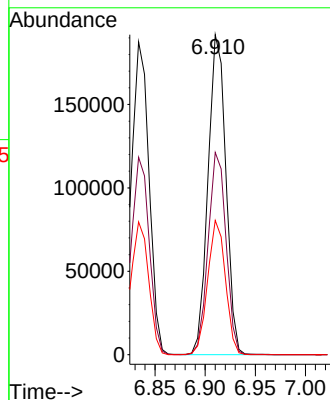
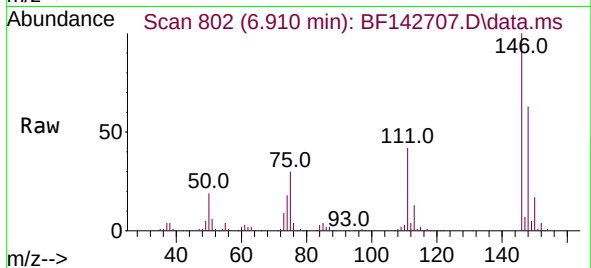
Tgt Ion:146 Resp: 238429

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

111 42.0 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 44.209 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

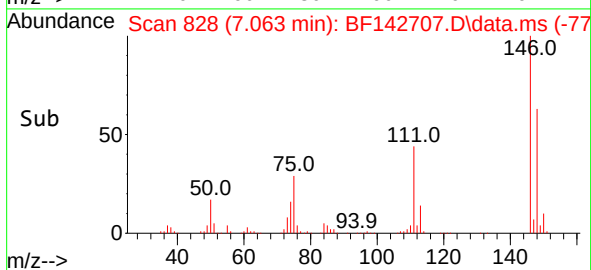
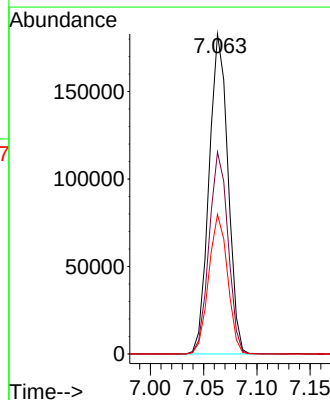
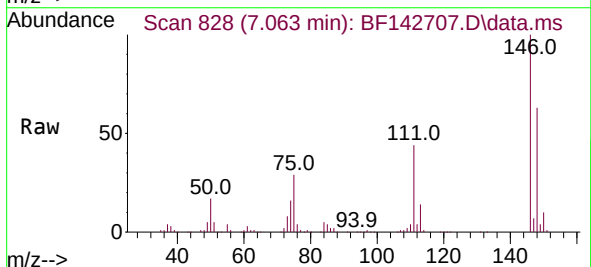
Tgt Ion:146 Resp: 226066

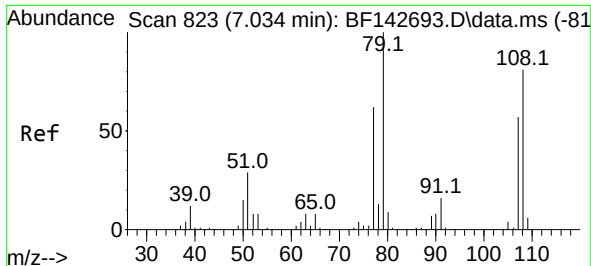
Ion Ratio Lower Upper

146 100

148 63.1 49.3 73.9

111 43.6 34.1 51.1

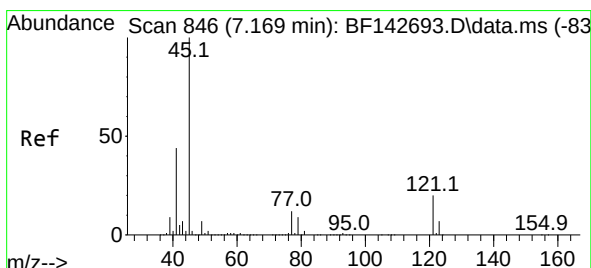
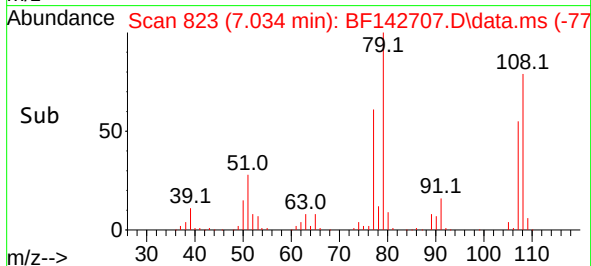
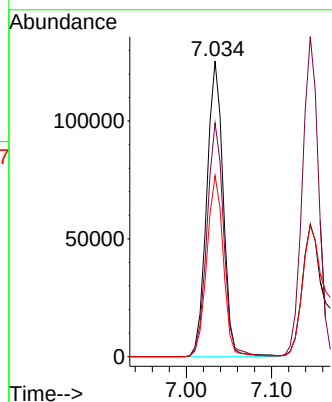
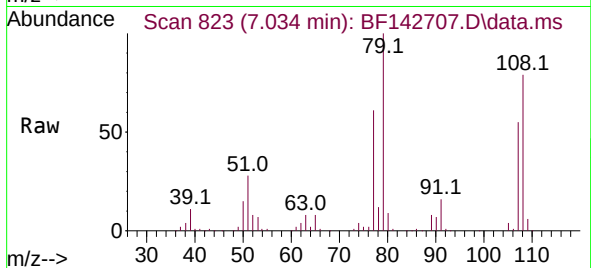




#15
Benzyl Alcohol
Concen: 45.734 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

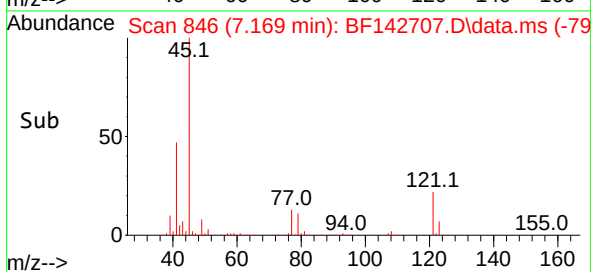
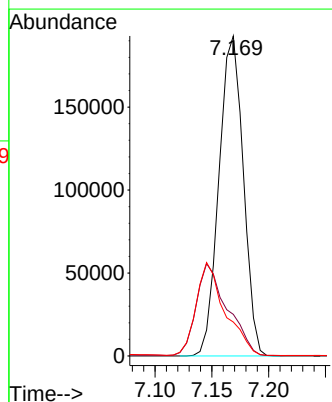
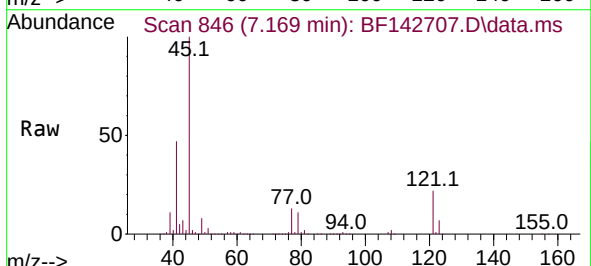
Instrument :
BNA_F
ClientSampleId :
WC-5MS

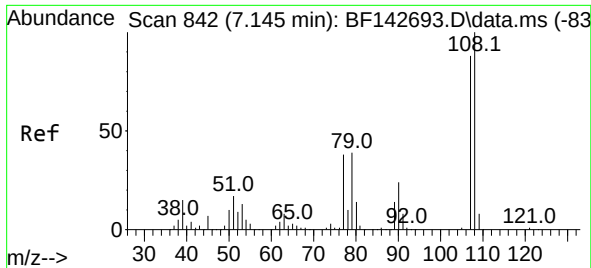
Tgt Ion: 79 Resp: 168410
Ion Ratio Lower Upper
79 100
108 79.1 64.8 97.2
77 61.3 49.4 74.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.946 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion: 45 Resp: 287195
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.8
79 10.6 0.0 30.3



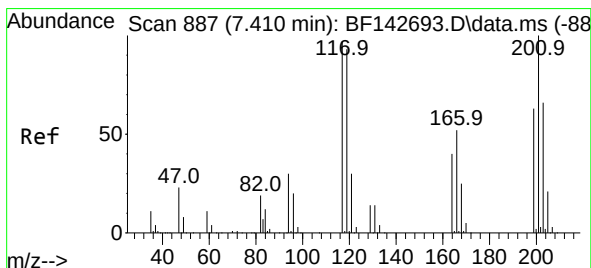
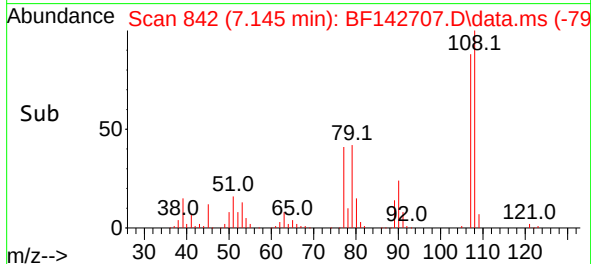
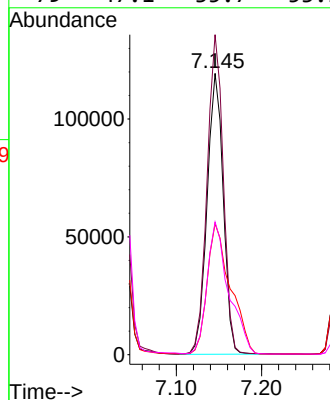
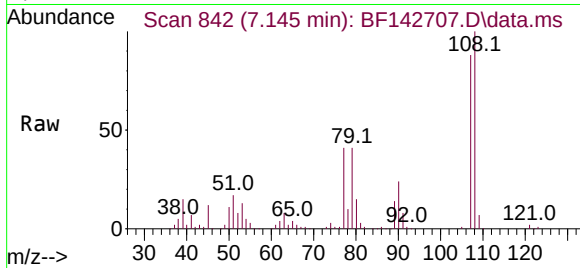


#17
2-Methylphenol
Concen: 43.778 ng
RT: 7.145 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:107 Resp: 157220

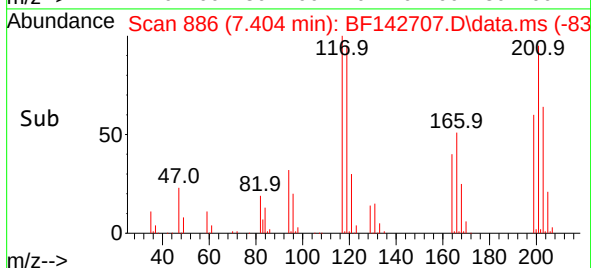
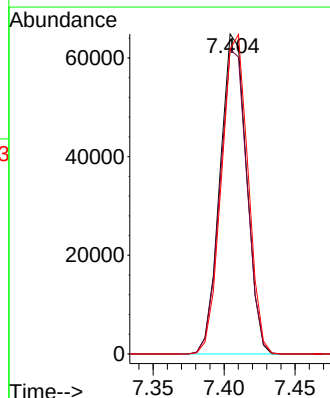
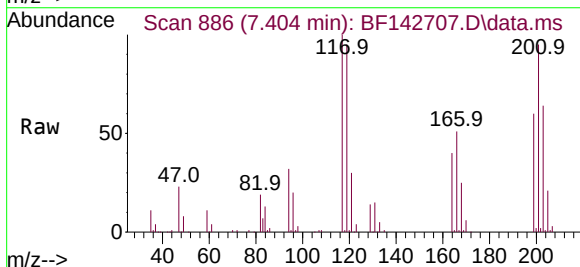
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	46.6	34.9	52.3
79	47.1	35.7	53.5

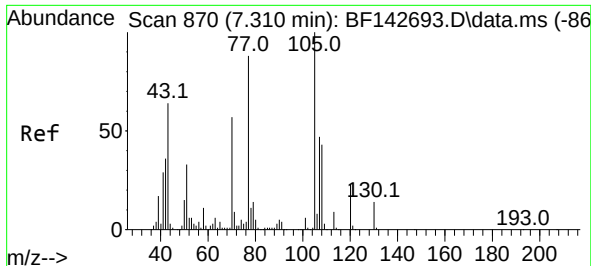


#18
Hexachloroethane
Concen: 45.619 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:117 Resp: 84051

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.1	115.7
201	95.3	82.6	123.8

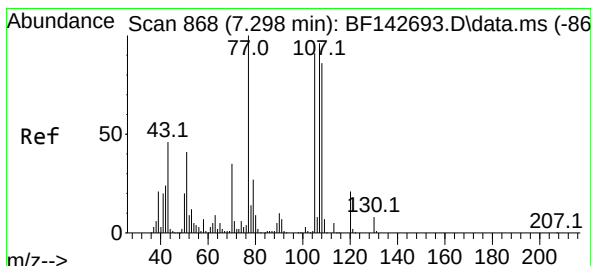
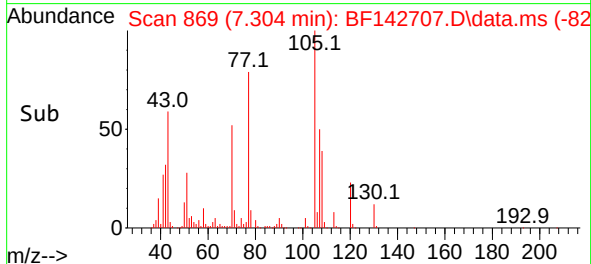
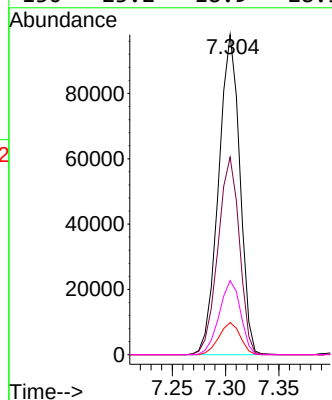
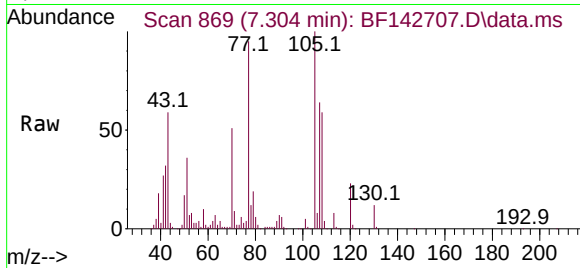




#19
n-Nitroso-di-n-propylamine
Concen: 45.976 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

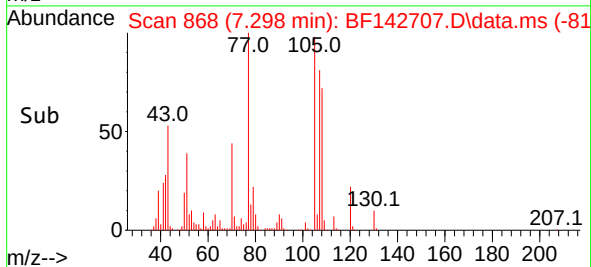
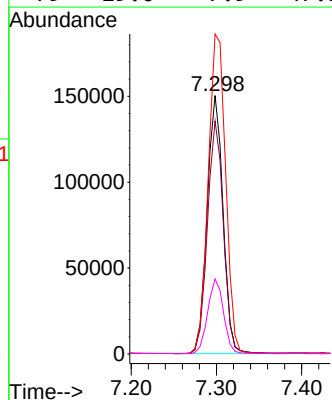
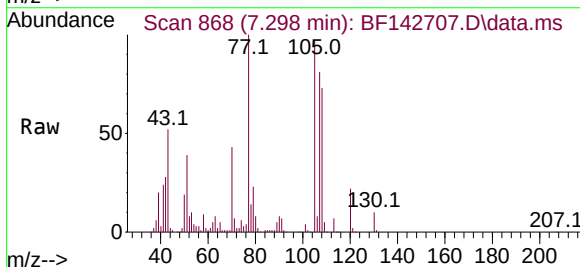
Instrument :
BNA_F
ClientSampleId :
WC-5MS

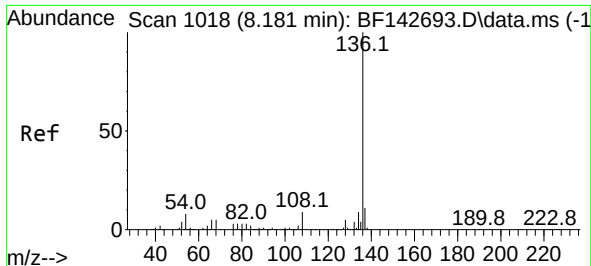
Tgt Ion: 70 Resp: 135672
Ion Ratio Lower Upper
70 100
42 61.7 50.1 75.1
101 10.0 8.1 12.1
130 23.2 18.9 28.3



#20
3+4-Methylphenols
Concen: 44.140 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion: 107 Resp: 195228
Ion Ratio Lower Upper
107 100
108 90.1 69.5 109.5
77 123.8 83.6 123.6#
79 29.0 7.9 47.9



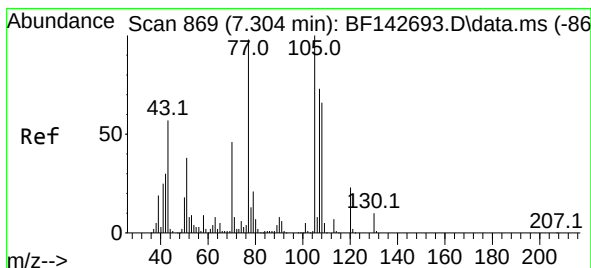
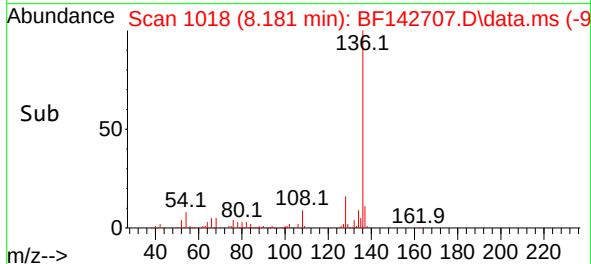
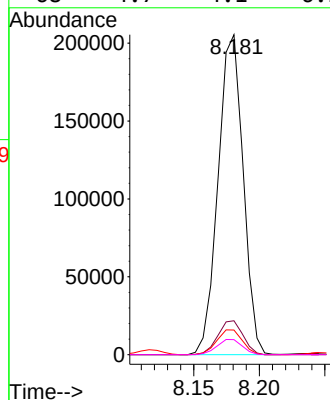
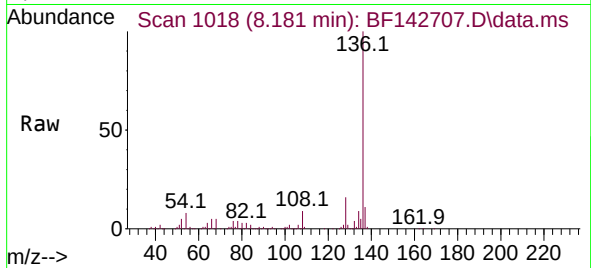


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:136 Resp: 273042

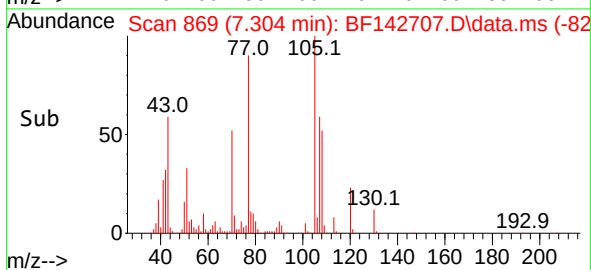
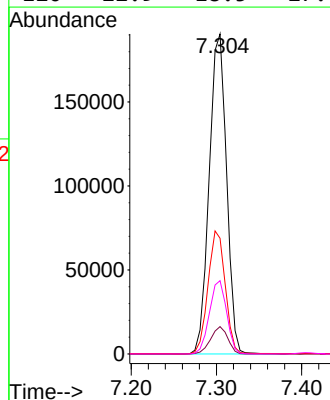
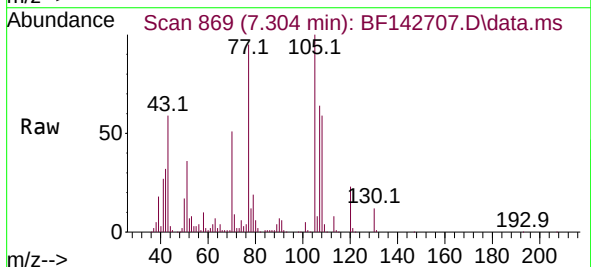
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.7	6.4	9.6
68	4.7	4.1	6.1

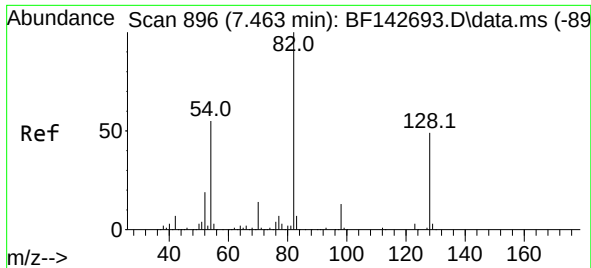


#22
Acetophenone
Concen: 45.151 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:105 Resp: 269490

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.2	9.2
51	36.1	30.8	46.2
120	22.9	18.5	27.7

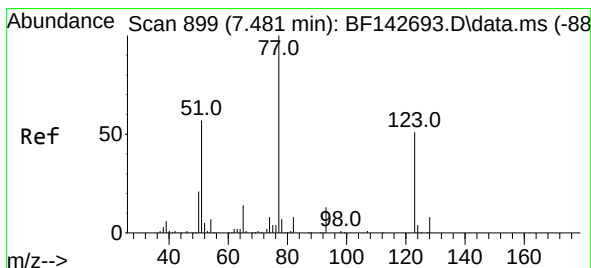
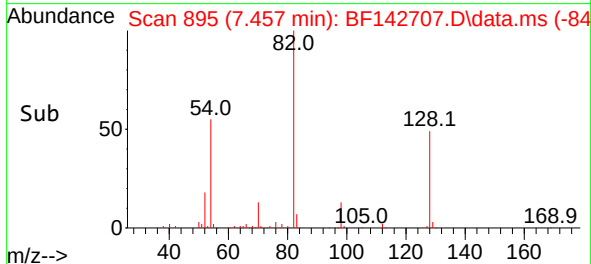
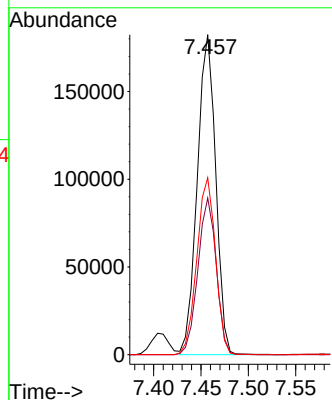
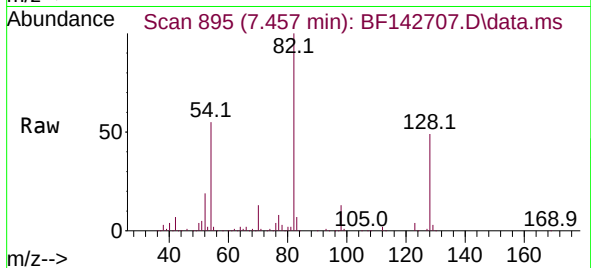




#23
Nitrobenzene-d5
Concen: 49.770 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

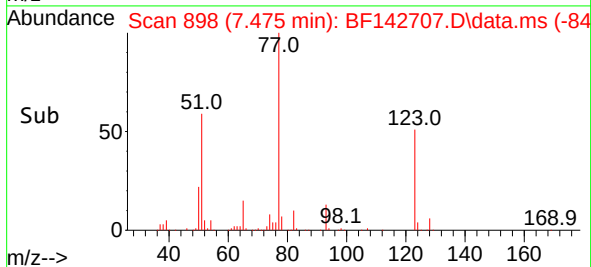
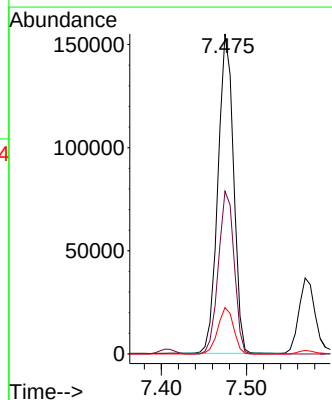
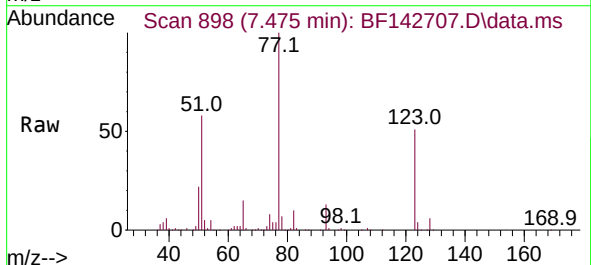
Instrument :
BNA_F
ClientSampleId :
WC-5MS

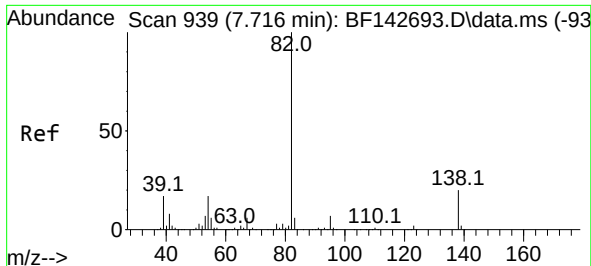
Tgt Ion: 82 Resp: 247275
Ion Ratio Lower Upper
82 100
128 49.0 39.3 58.9
54 55.3 44.2 66.2



#24
Nitrobenzene
Concen: 44.009 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion: 77 Resp: 197188
Ion Ratio Lower Upper
77 100
123 50.9 41.3 61.9
65 14.5 11.2 16.8

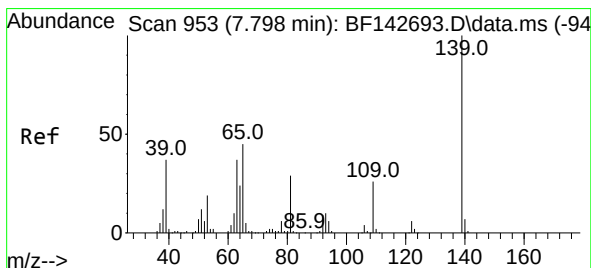
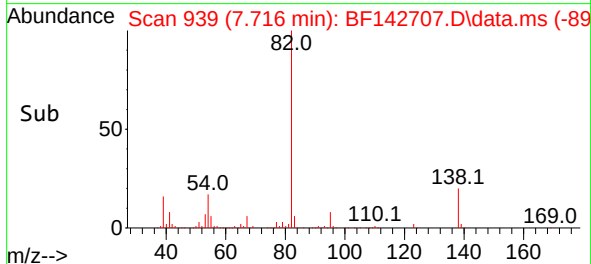
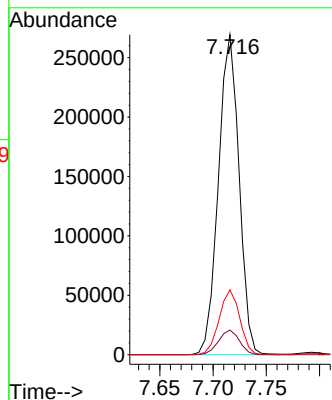
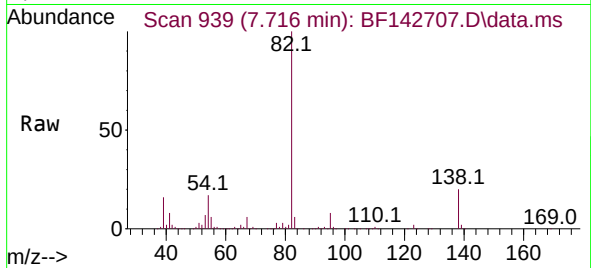




#25
Isophorone
Concen: 44.976 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

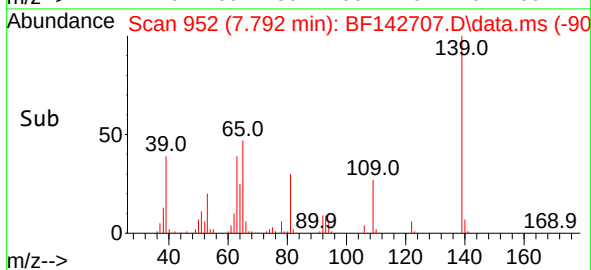
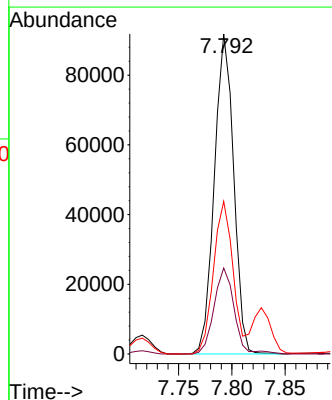
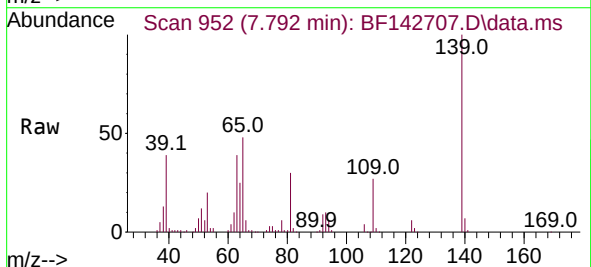
Instrument :
BNA_F
ClientSampleId :
WC-5MS

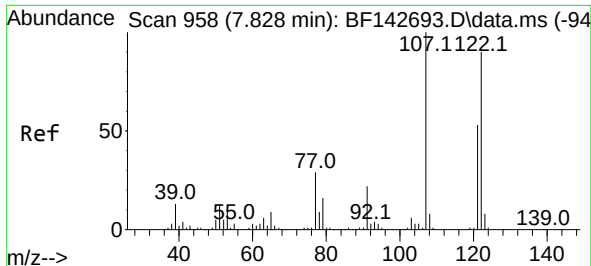
Tgt Ion: 82 Resp: 362536
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 20.2 16.1 24.1



#26
2-Nitrophenol
Concen: 46.692 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:139 Resp: 115403
Ion Ratio Lower Upper
139 100
109 26.9 21.0 31.6
65 47.6 36.2 54.2

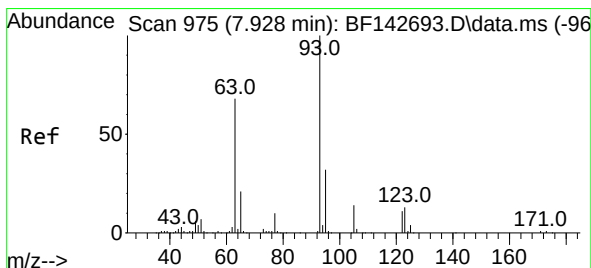
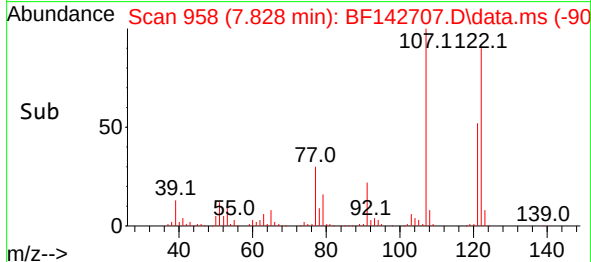
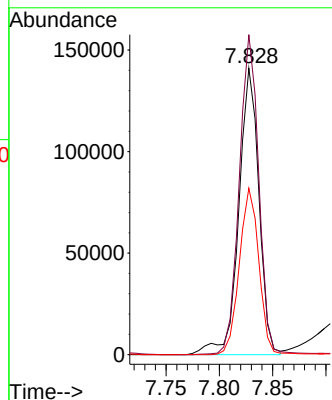
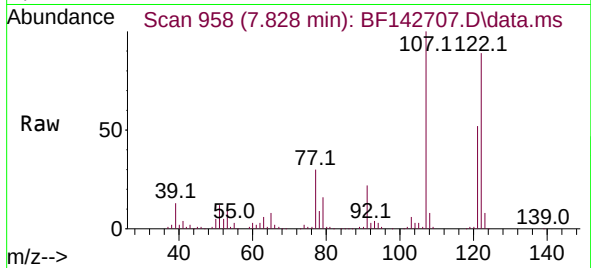




#27
2,4-Dimethylphenol
Concen: 44.207 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

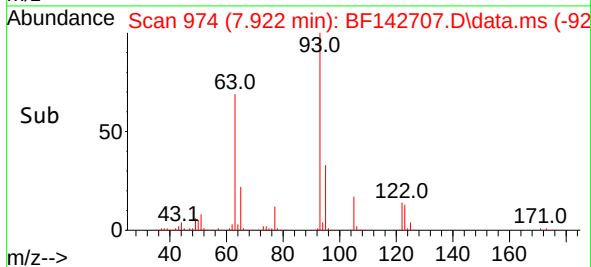
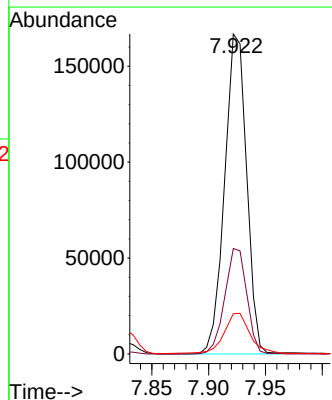
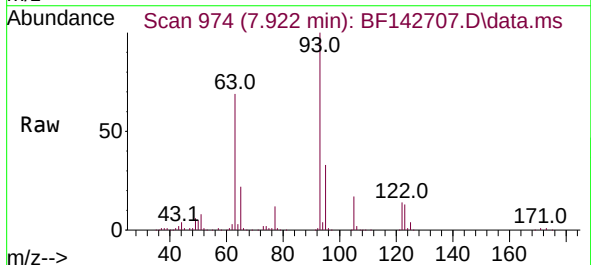
Instrument :
BNA_F
ClientSampleId :
WC-5MS

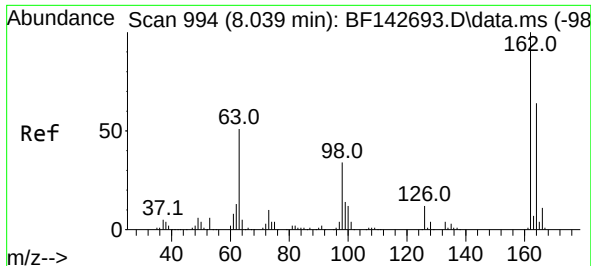
Tgt Ion:122 Resp: 185692
Ion Ratio Lower Upper
122 100
107 111.8 89.4 134.2
121 58.1 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 44.498 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion: 93 Resp: 224965
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.2
123 12.5 10.5 15.7





#29

2,4-Dichlorophenol

Concen: 44.862 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

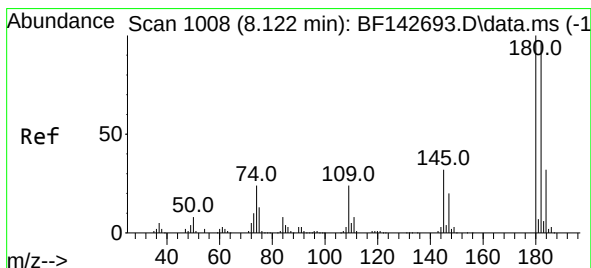
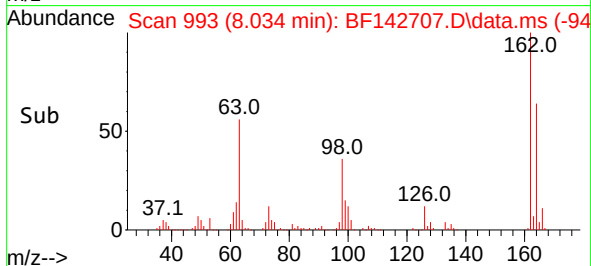
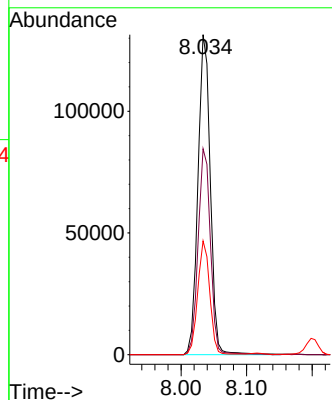
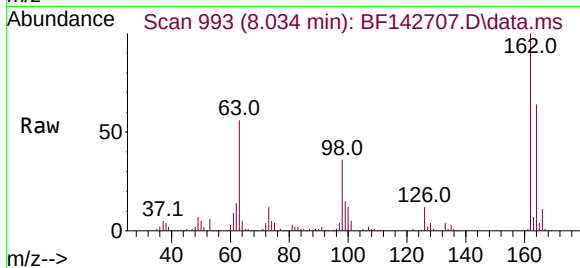
Tgt Ion:162 Resp: 172633

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

98 35.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.468 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

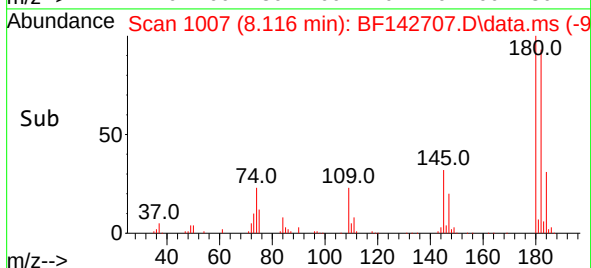
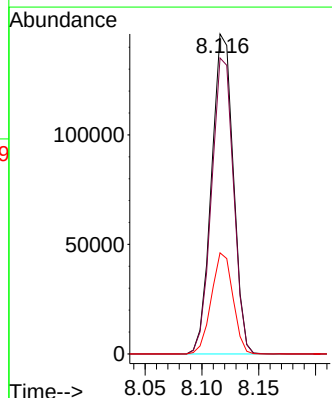
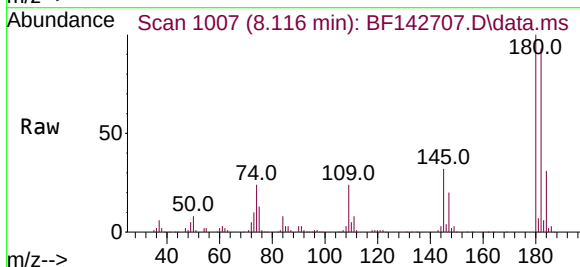
Tgt Ion:180 Resp: 195048

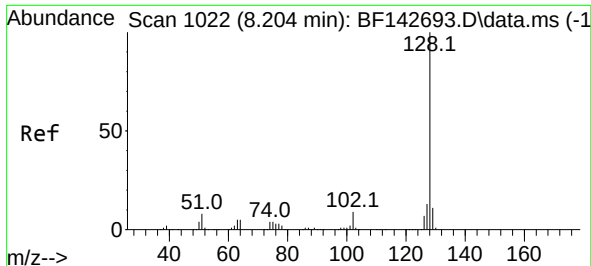
Ion Ratio Lower Upper

180 100

182 92.5 76.6 114.8

145 31.6 25.4 38.0

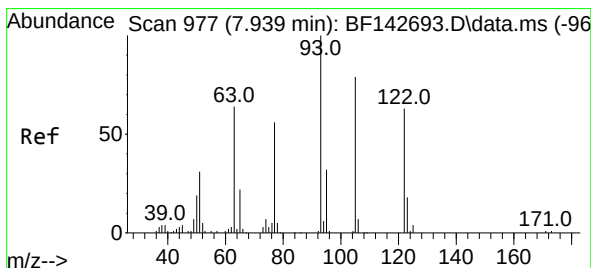
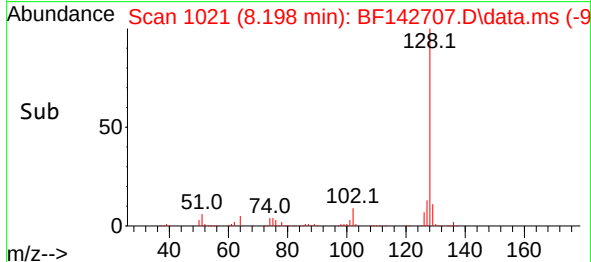
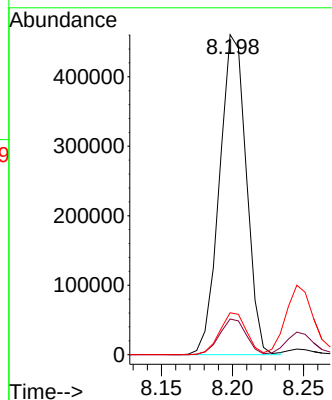
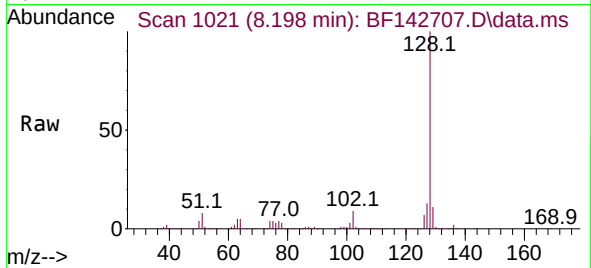




#31
Naphthalene
Concen: 44.944 ng
RT: 8.198 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

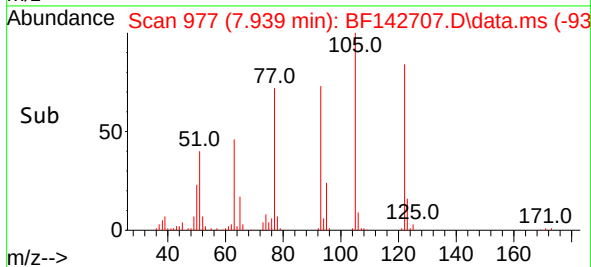
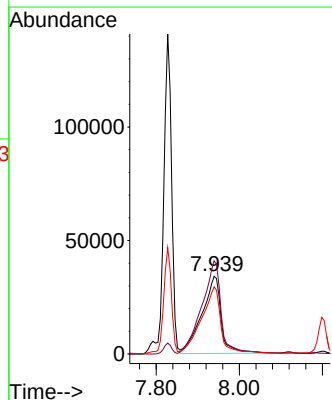
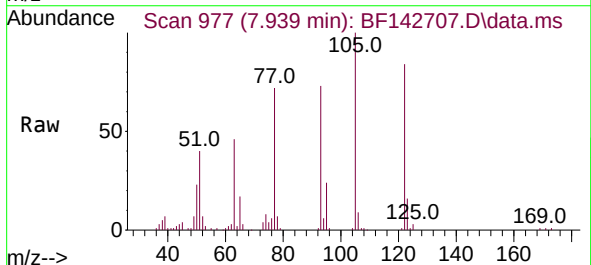
Instrument :
BNA_F
ClientSampleId :
WC-5MS

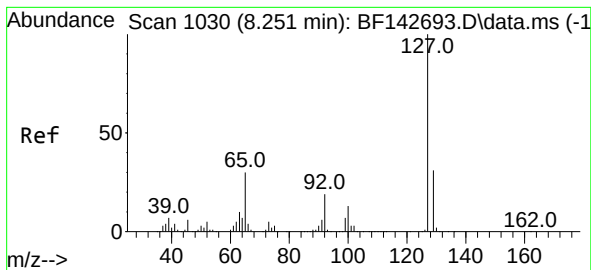
Tgt Ion:128 Resp: 604704
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 43.323 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.041 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:122 Resp: 110354
Ion Ratio Lower Upper
122 100
105 119.6 100.3 140.3
77 86.4 67.9 107.9





#33

4-Chloroaniline

Concen: 26.521 ng

RT: 8.245 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion:127 Resp: 146701

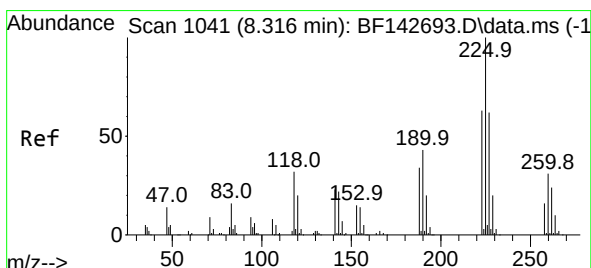
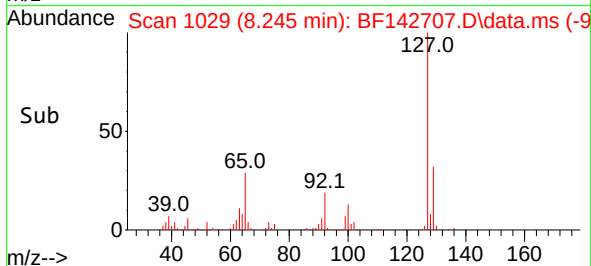
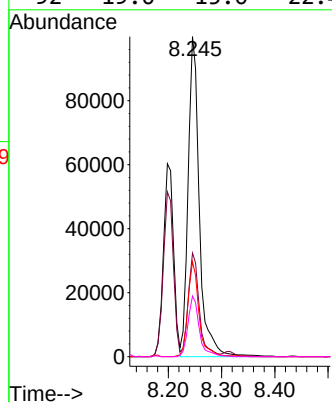
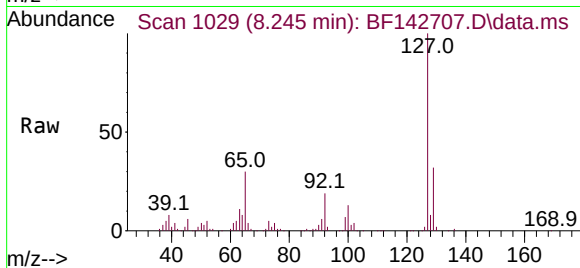
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 29.7 23.8 35.6

92 19.0 15.0 22.4



#34

Hexachlorobutadiene

Concen: 46.081 ng

RT: 8.316 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

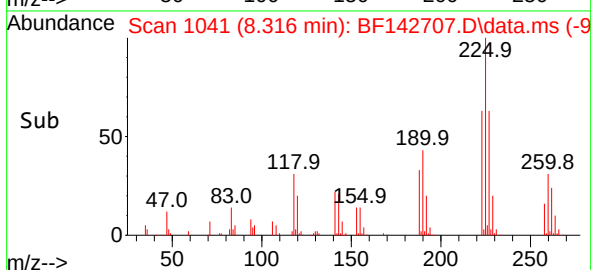
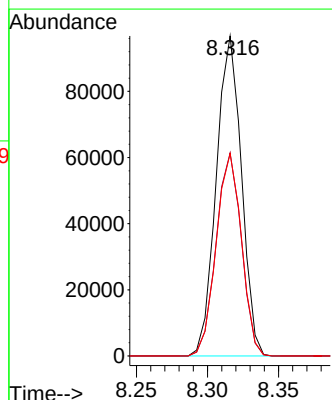
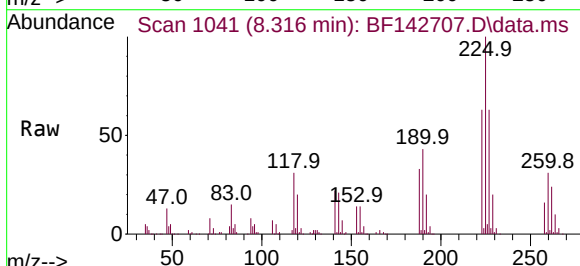
Tgt Ion:225 Resp: 119125

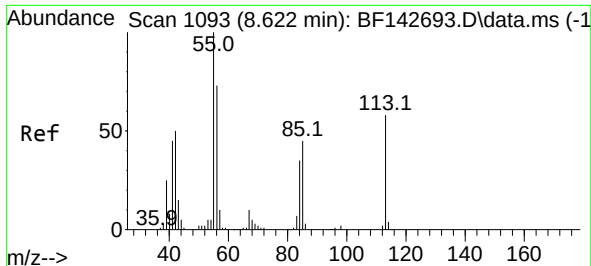
Ion Ratio Lower Upper

225 100

223 63.5 50.7 76.1

227 63.3 49.8 74.8

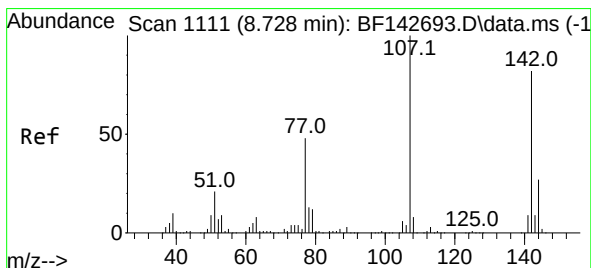
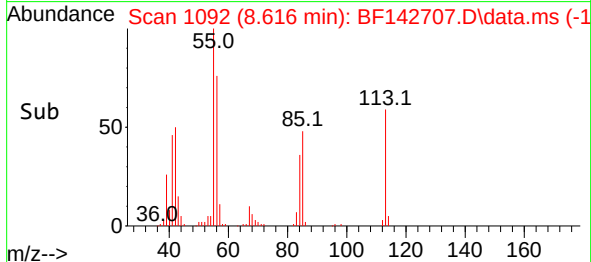
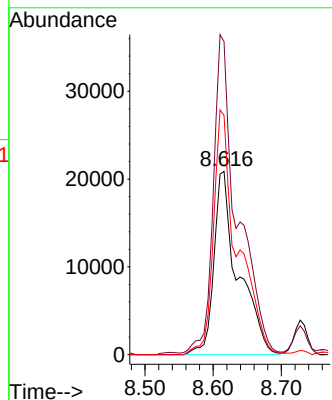
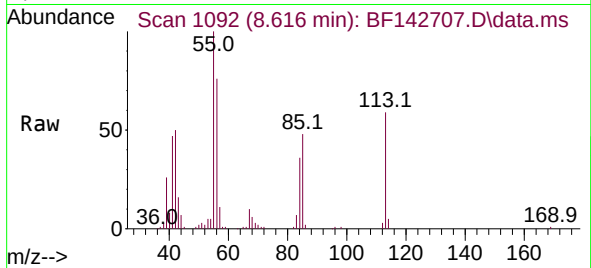




#35
Caprolactam
Concen: 43.802 ng
RT: 8.616 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

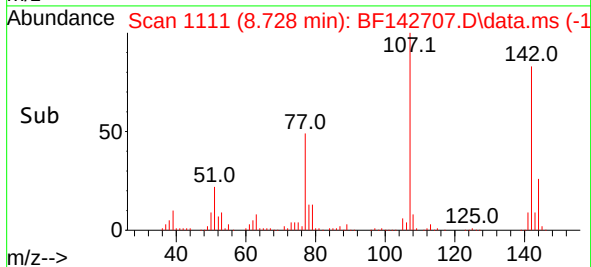
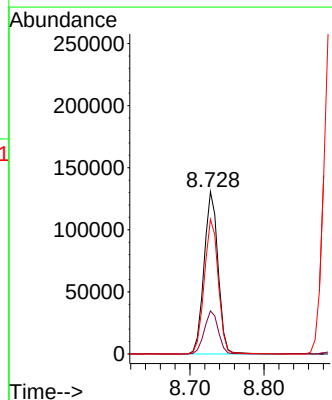
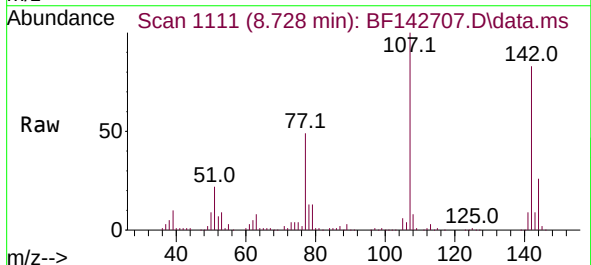
Instrument :
BNA_F
ClientSampleId :
WC-5MS

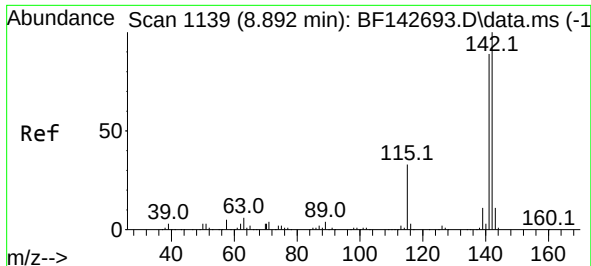
Tgt Ion:113 Resp: 51771
Ion Ratio Lower Upper
113 100
55 170.8 152.9 192.9
56 130.4 106.6 146.6



#36
4-Chloro-3-methylphenol
Concen: 43.241 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:107 Resp: 171637
Ion Ratio Lower Upper
107 100
144 26.5 21.5 32.3
142 83.0 65.5 98.3

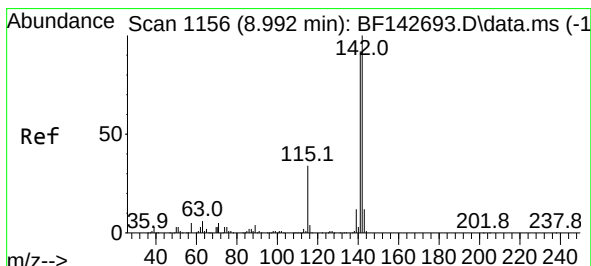
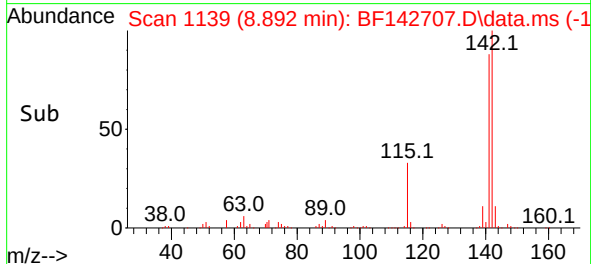
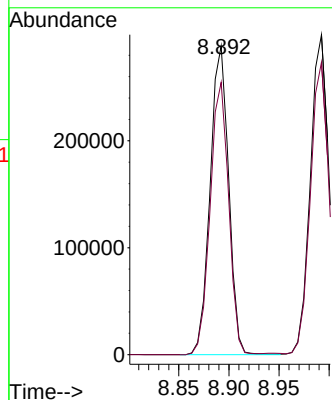
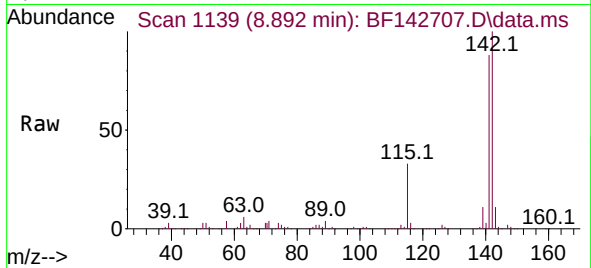




#37
2-Methylnaphthalene
Concen: 43.904 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

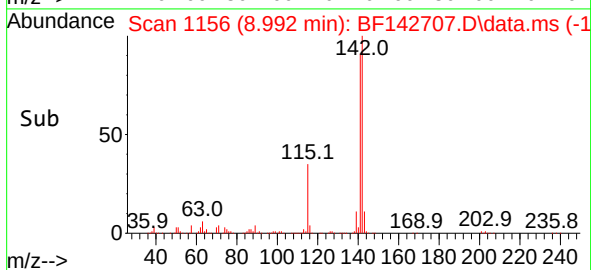
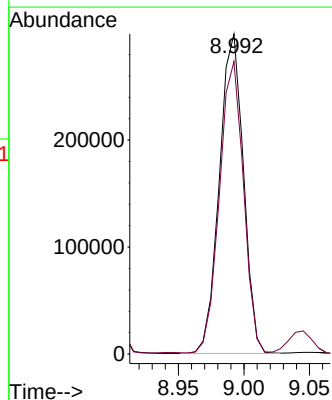
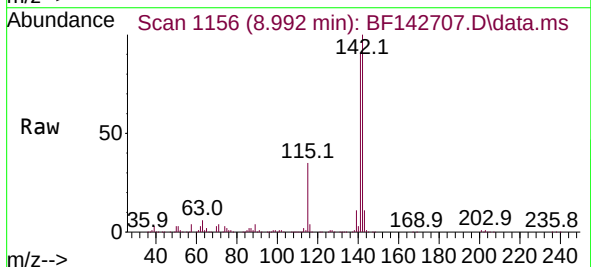
Instrument :
BNA_F
ClientSampleId :
WC-5MS

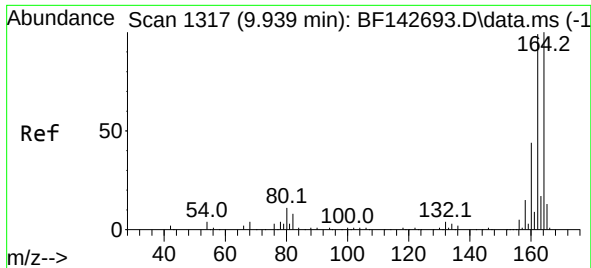
Tgt Ion:142 Resp: 371697
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2



#38
1-Methylnaphthalene
Concen: 43.375 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:142 Resp: 380265
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5

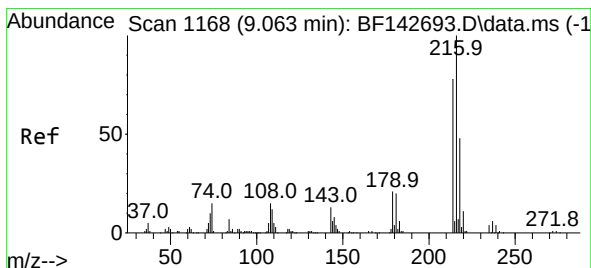
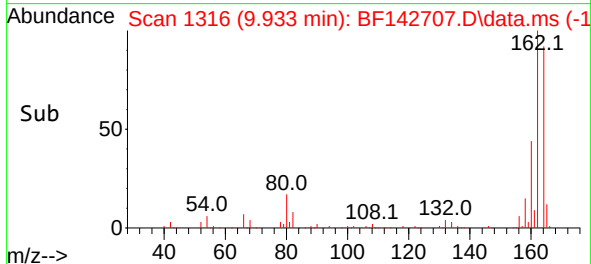
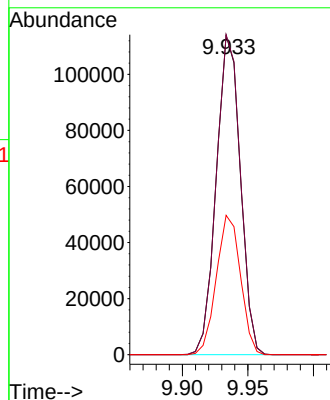
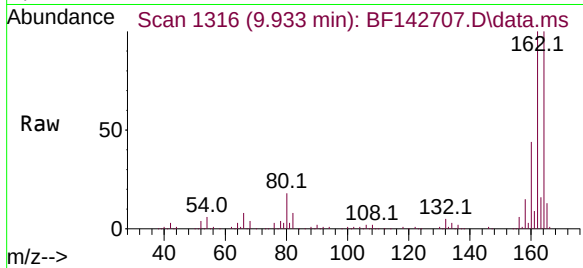




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

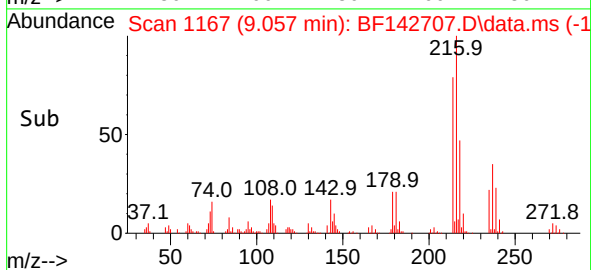
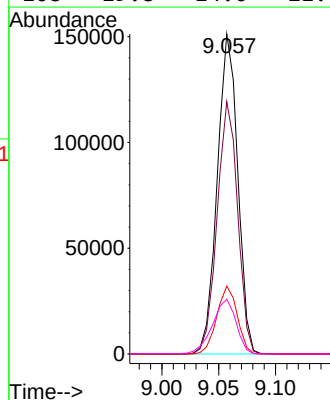
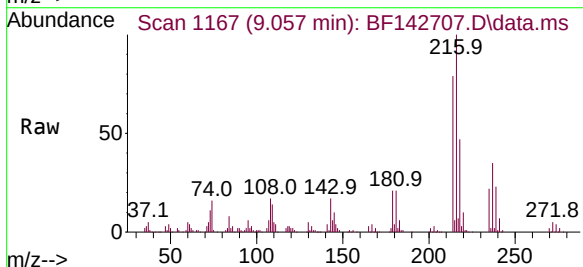
Instrument :
BNA_F
ClientSampleId :
WC-5MS

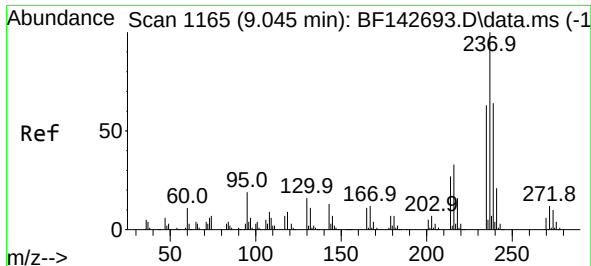
Tgt Ion:164 Resp: 145075
Ion Ratio Lower Upper
164 100
162 100.3 79.1 118.7
160 43.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.315 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

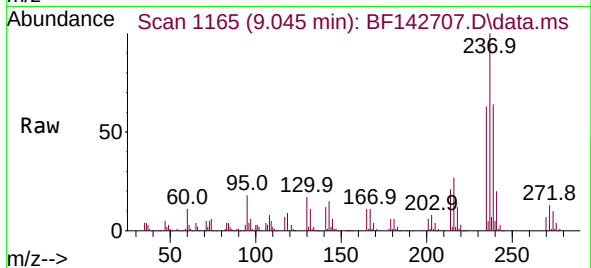
Tgt Ion:216 Resp: 189986
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 21.1 16.6 25.0
108 19.8 14.0 21.0



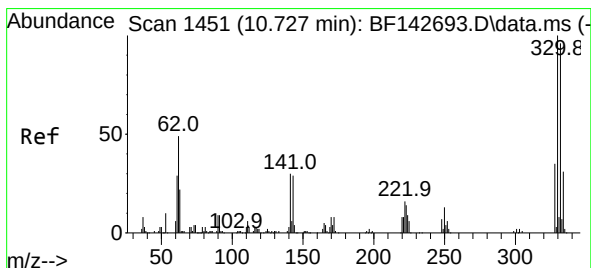
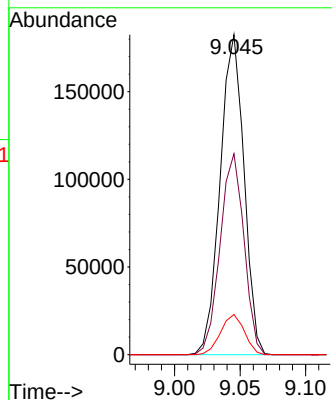
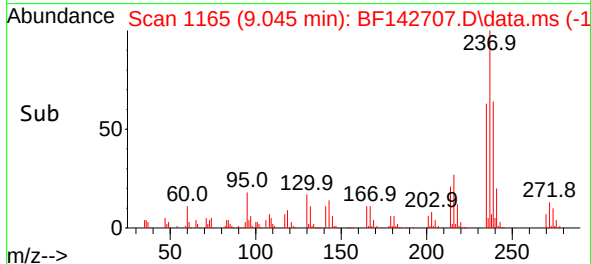


#41
Hexachlorocyclopentadiene
Concen: 93.671 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

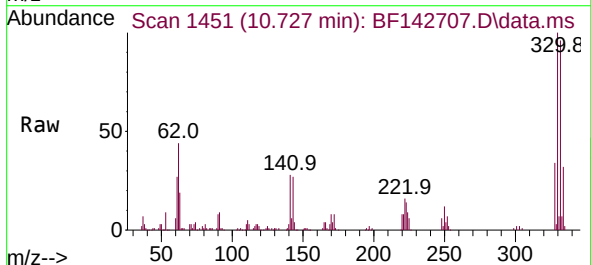
Instrument :
BNA_F
ClientSampleId :
WC-5MS



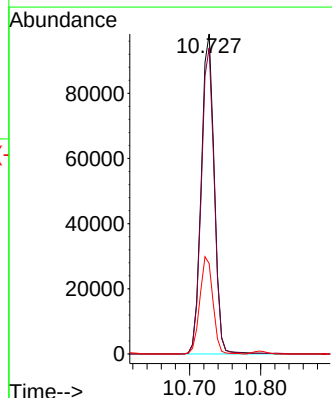
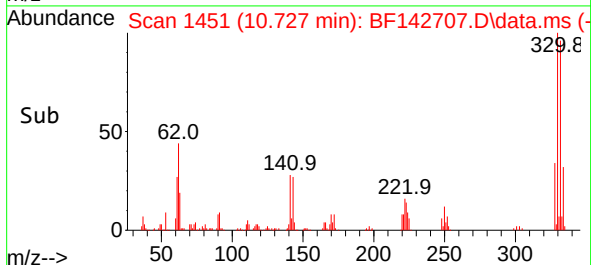
Tgt Ion:237 Resp: 230626
Ion Ratio Lower Upper
237 100
235 62.8 43.1 83.1
272 12.5 0.0 32.5

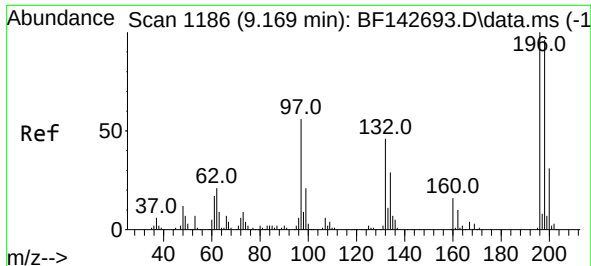


#42
2,4,6-Tribromophenol
Concen: 76.874 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41



Tgt Ion:330 Resp: 125299
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 30.5 23.5 35.3

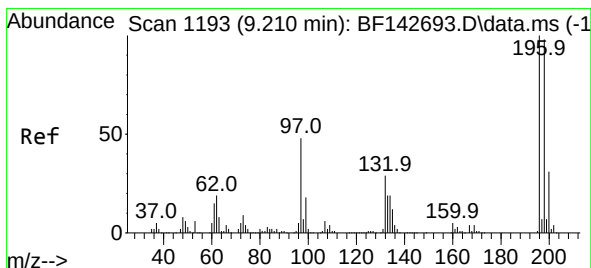
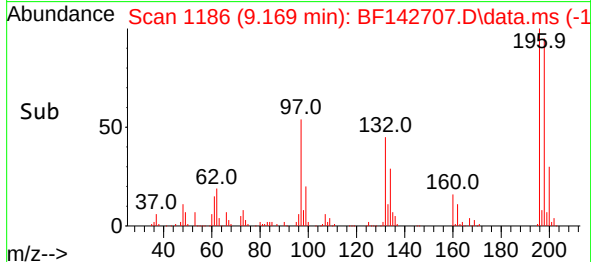
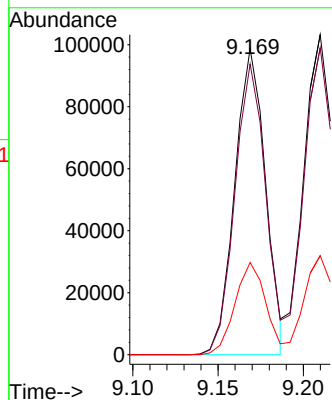
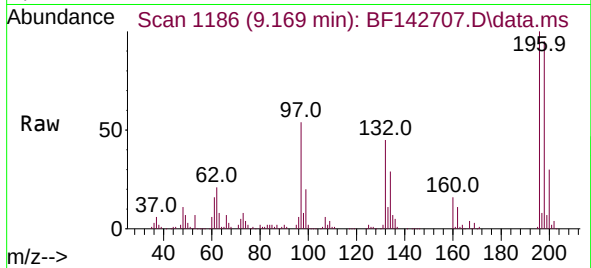




#43
 2,4,6-Trichlorophenol
 Concen: 44.916 ng
 RT: 9.169 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF142707.D
 Acq: 10 Jun 2025 12:41

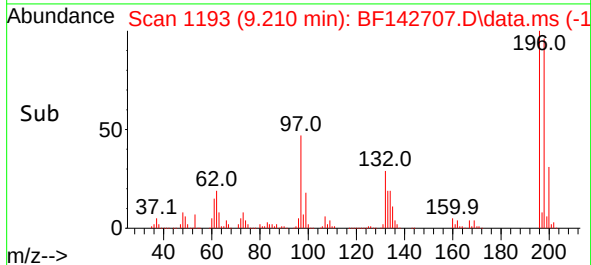
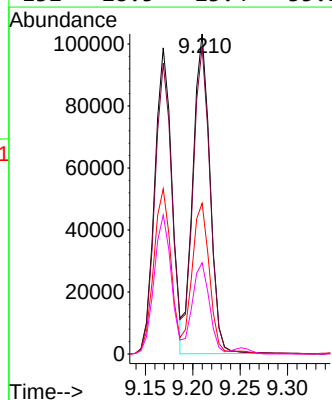
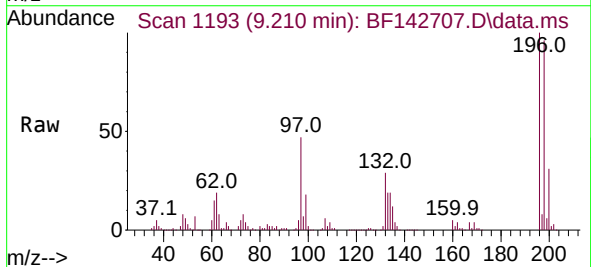
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

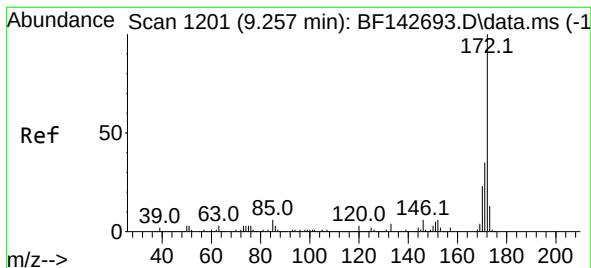
Tgt Ion:196 Resp: 123561
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.1 115.7
 200 30.1 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.123 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF142707.D
 Acq: 10 Jun 2025 12:41

Tgt Ion:196 Resp: 129648
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.2 117.2
 97 47.1 39.2 58.8
 132 28.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 50.734 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

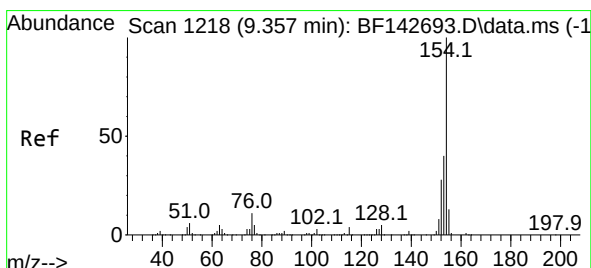
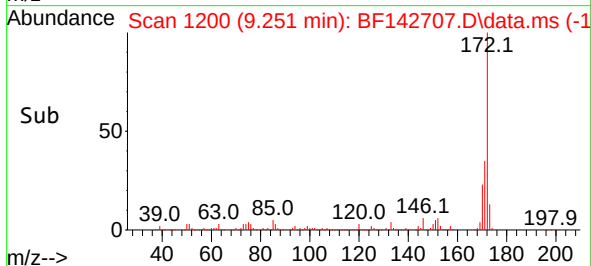
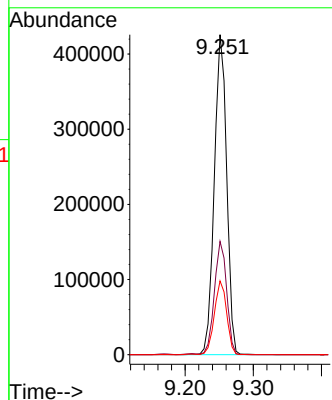
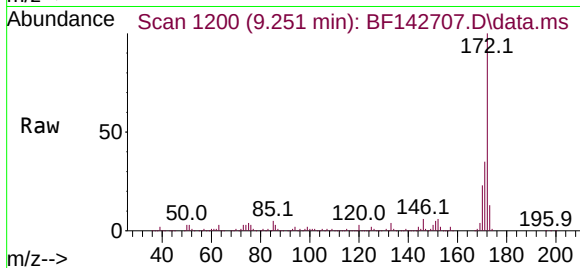
Tgt Ion:172 Resp: 538196

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.0 18.7 28.1



#46

1,1'-Biphenyl

Concen: 45.281 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

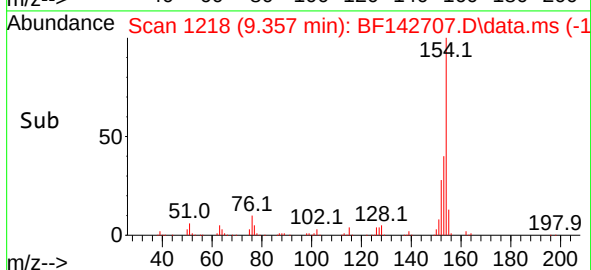
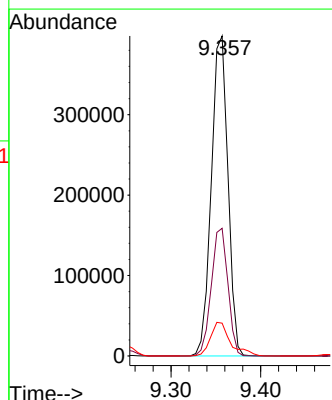
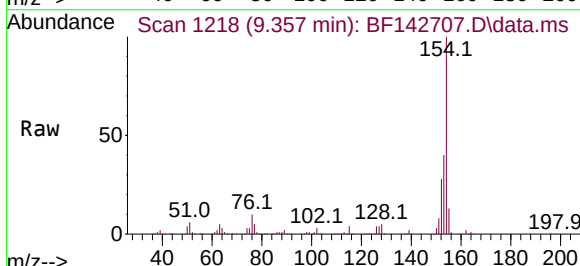
Tgt Ion:154 Resp: 510817

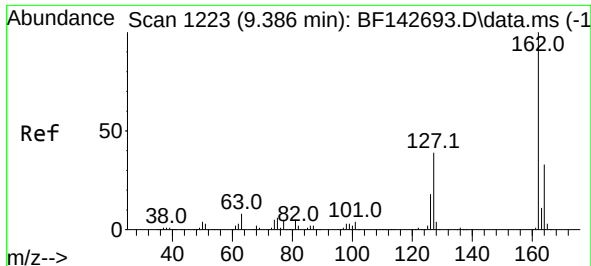
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 10.2 0.0 31.4





#47

2-Chloronaphthalene

Concen: 44.047 ng

RT: 9.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

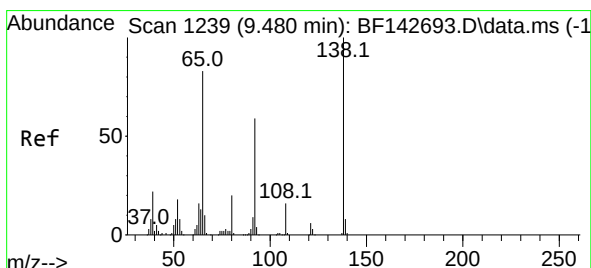
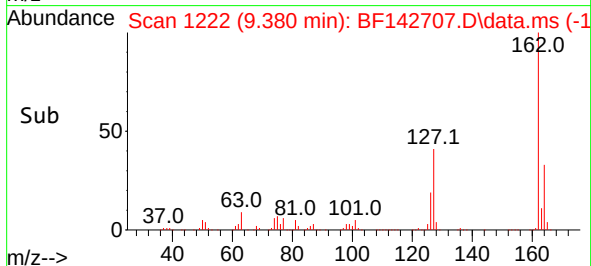
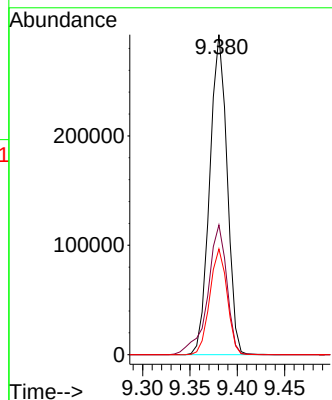
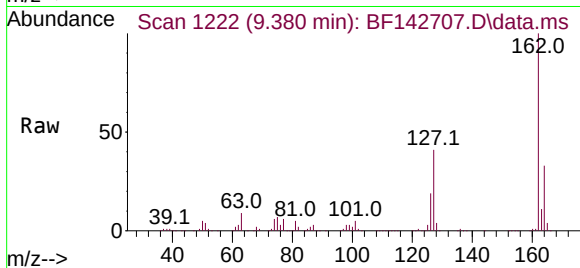
Tgt Ion:162 Resp: 372308

Ion Ratio Lower Upper

162 100

127 40.6 31.7 47.5

164 33.1 26.2 39.4



#48

2-Nitroaniline

Concen: 42.246 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

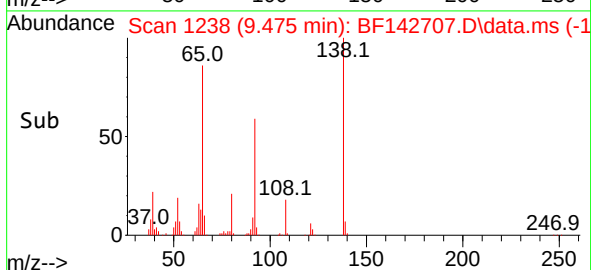
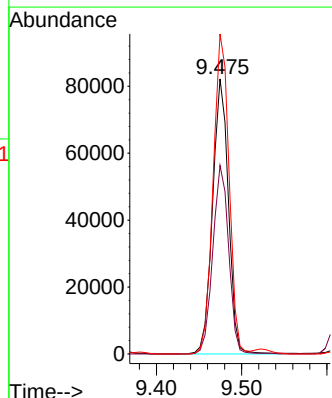
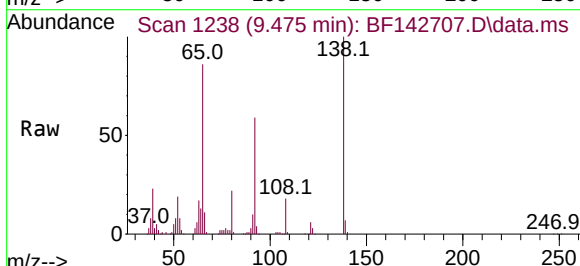
Tgt Ion: 65 Resp: 106260

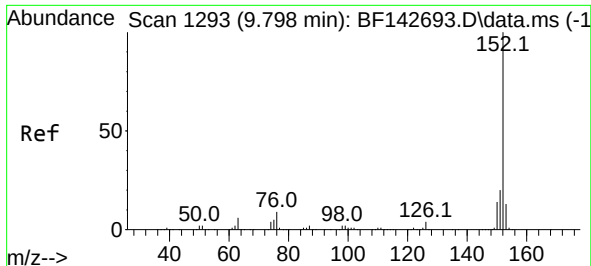
Ion Ratio Lower Upper

65 100

92 68.5 56.3 84.5

138 116.3 95.9 143.9





#49

Acenaphthylene

Concen: 44.657 ng

RT: 9.798 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

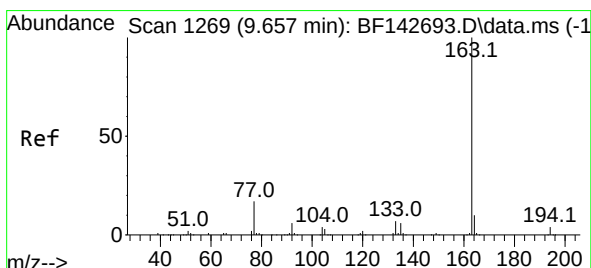
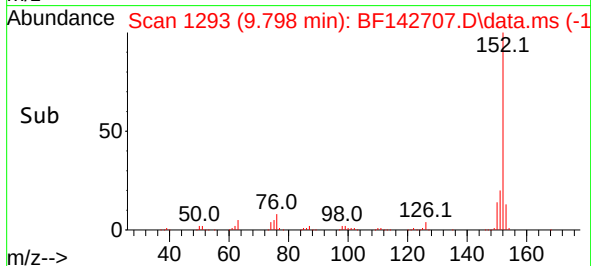
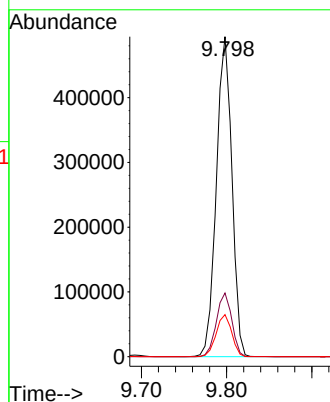
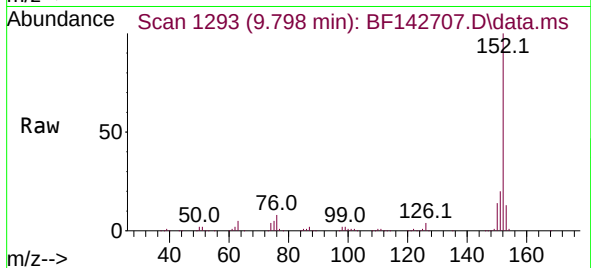
Tgt Ion:152 Resp: 625589

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 43.818 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

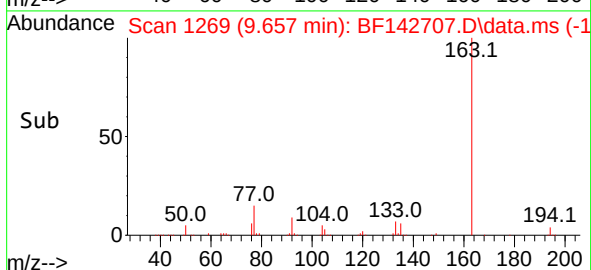
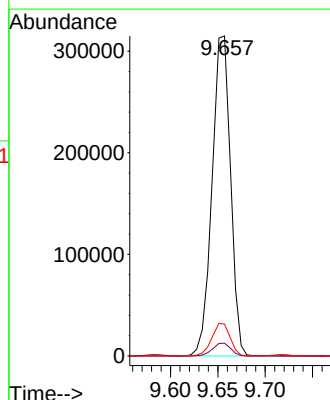
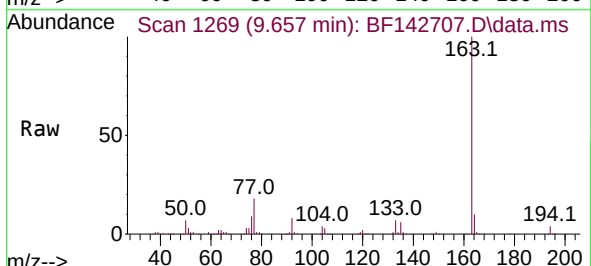
Tgt Ion:163 Resp: 427699

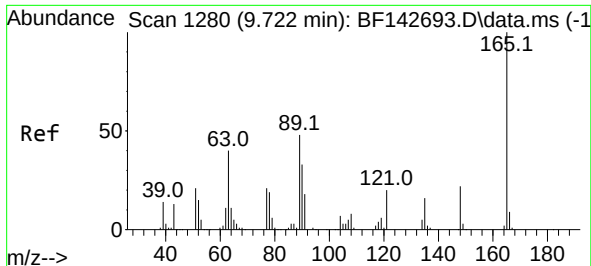
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.1 12.1

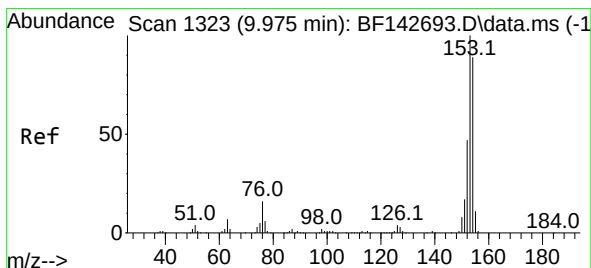
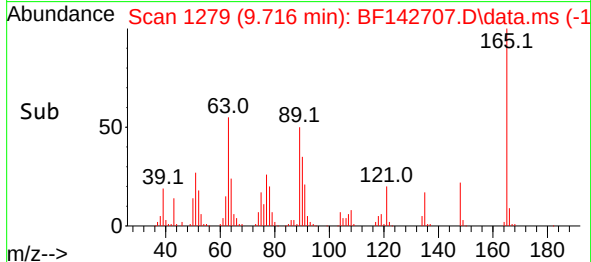
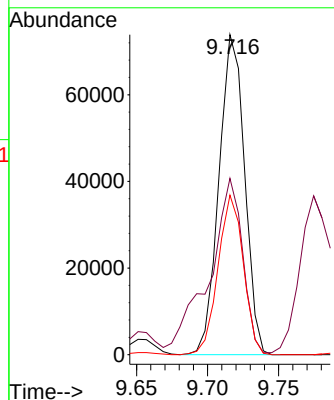
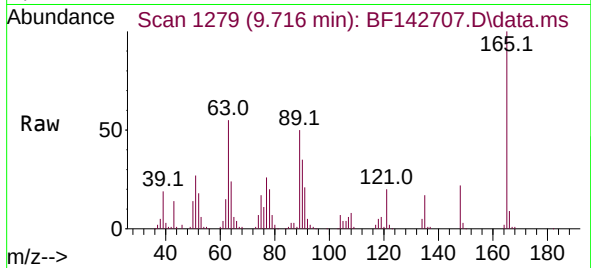




#51
2,6-Dinitrotoluene
Concen: 43.941 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

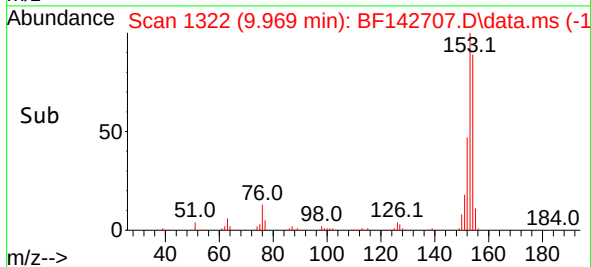
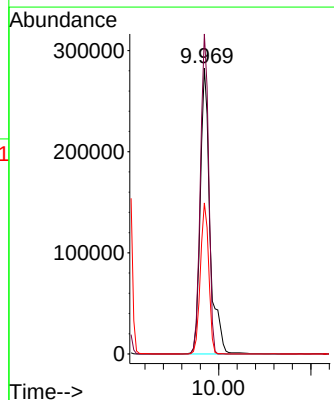
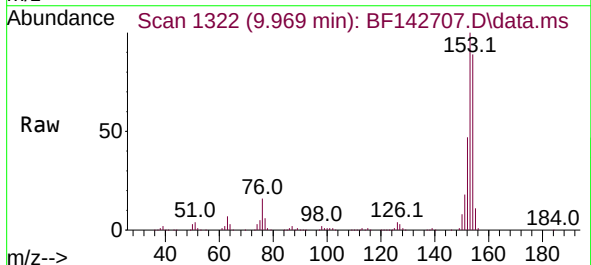
Instrument :
BNA_F
ClientSampleId :
WC-5MS

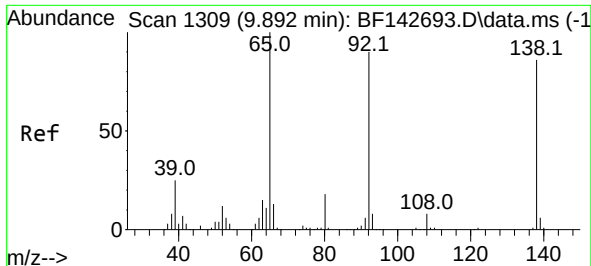
Tgt Ion:165 Resp: 92781
Ion Ratio Lower Upper
165 100
63 55.1 41.3 61.9
89 49.9 38.1 57.1



#52
Acenaphthene
Concen: 48.251 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:154 Resp: 413493
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 52.8 41.8 62.8

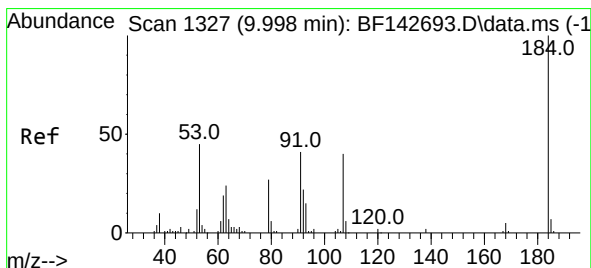
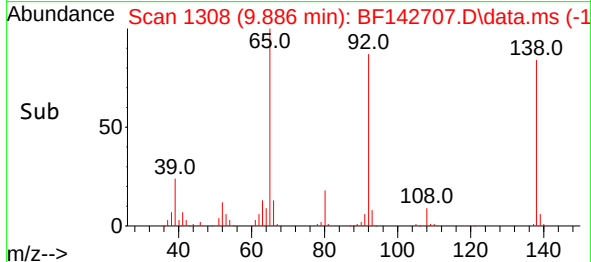
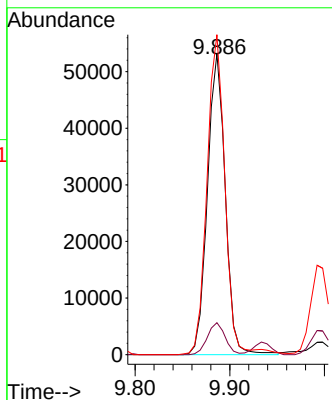
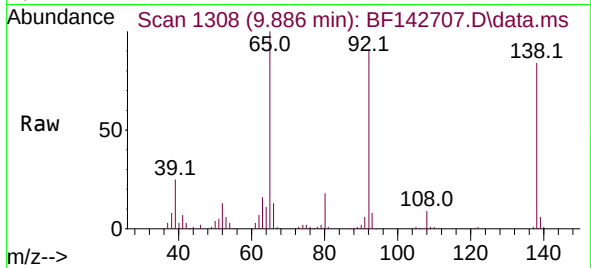




#53
3-Nitroaniline
Concen: 29.227 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

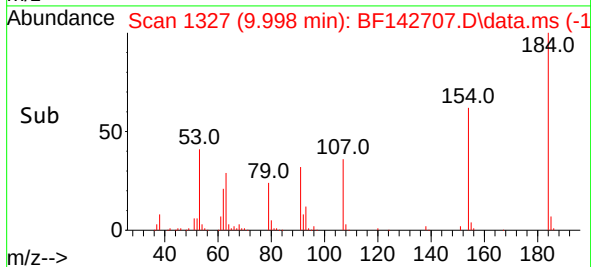
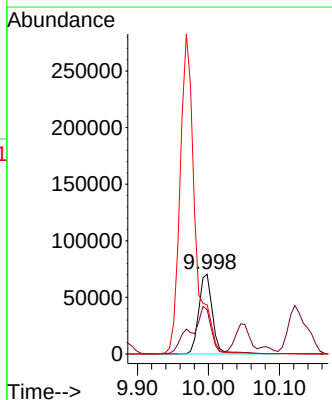
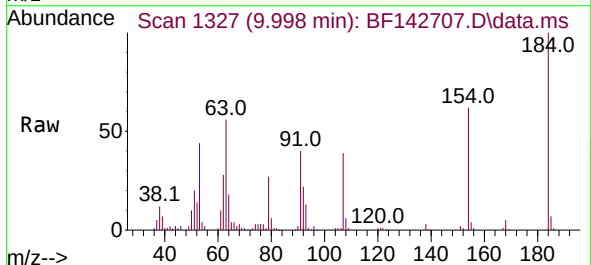
Instrument :
BNA_F
ClientSampleId :
WC-5MS

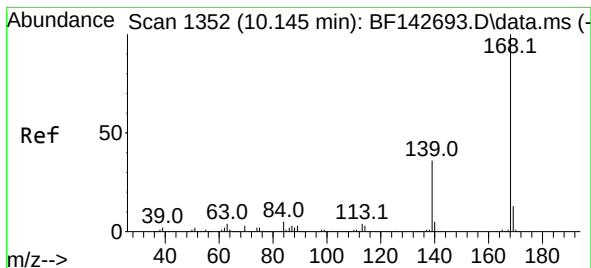
Tgt Ion:138 Resp: 69342
Ion Ratio Lower Upper
138 100
108 10.6 7.7 11.5
92 106.3 83.4 125.0



#54
2,4-Dinitrophenol
Concen: 82.076 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:184 Resp: 95949
Ion Ratio Lower Upper
184 100
63 55.7 47.4 71.0
154 61.7 48.6 73.0

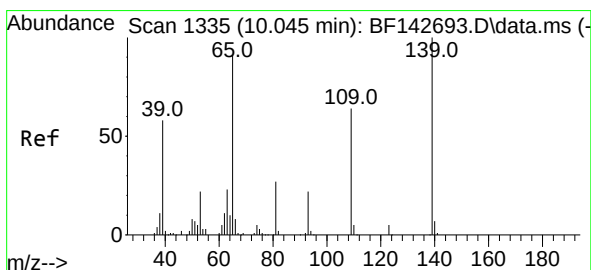
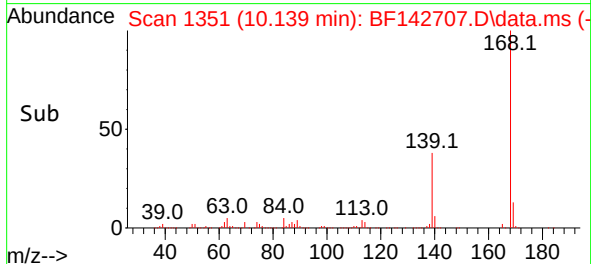
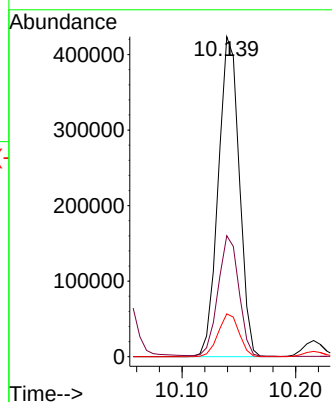
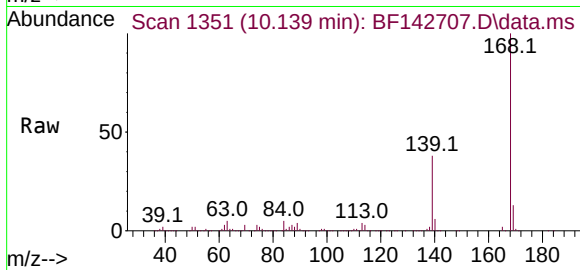




#55
Dibenzenofuran
Concen: 44.314 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

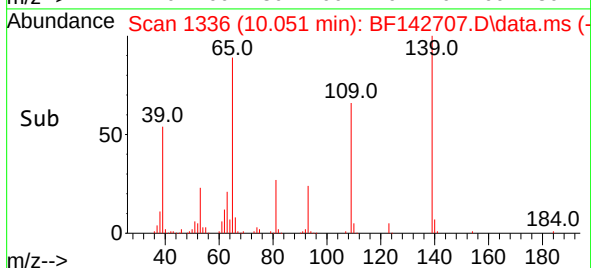
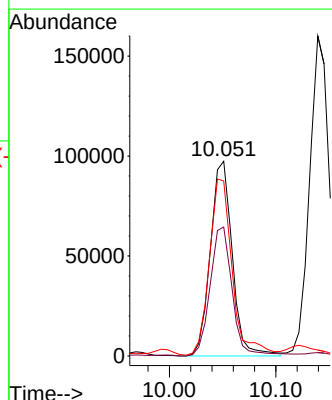
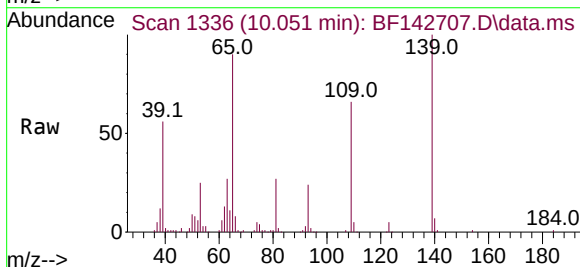
Instrument :
BNA_F
ClientSampleId :
WC-5MS

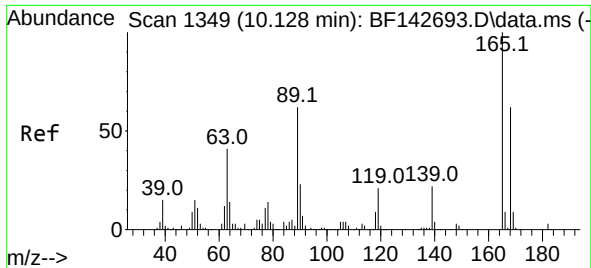
Tgt Ion:168 Resp: 544806
Ion Ratio Lower Upper
168 100
139 37.8 29.2 43.8
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 85.199 ng
RT: 10.051 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:139 Resp: 138939
Ion Ratio Lower Upper
139 100
109 66.2 44.4 84.4
65 89.8 72.1 112.1

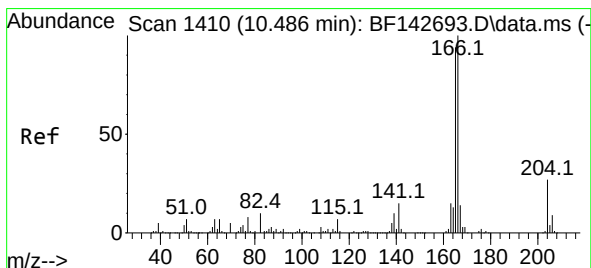
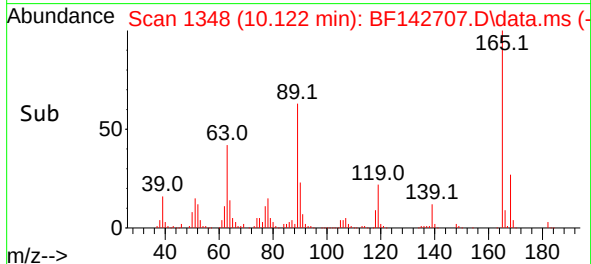
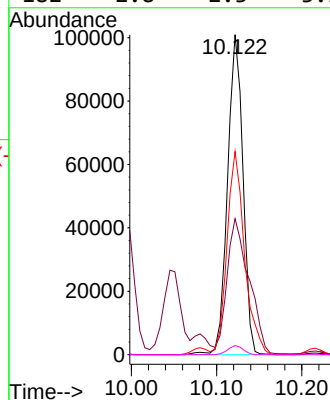
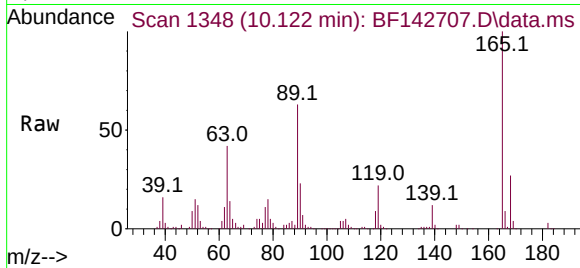




#57
2,4-Dinitrotoluene
Concen: 44.849 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

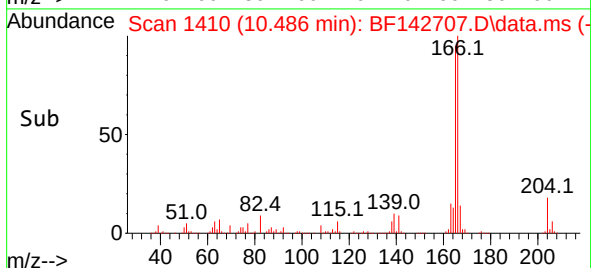
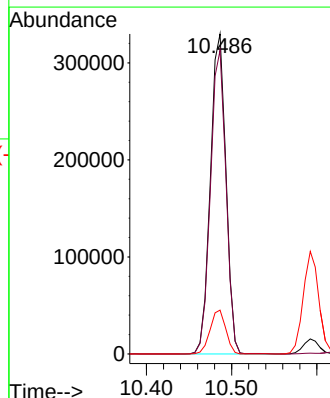
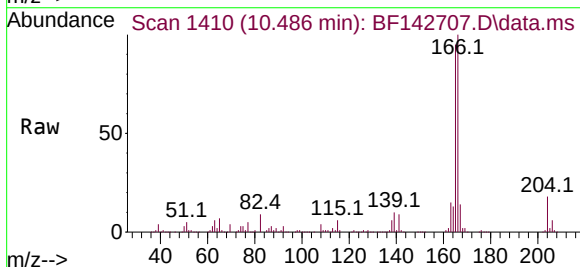
Instrument :
BNA_F
ClientSampleId :
WC-5MS

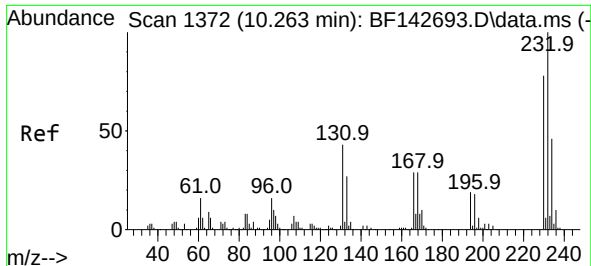
Tgt Ion:165 Resp: 126936
Ion Ratio Lower Upper
165 100
63 42.5 33.6 50.4
89 63.5 49.4 74.0
182 2.8 2.3 3.5



#58
Fluorene
Concen: 42.482 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:166 Resp: 417455
Ion Ratio Lower Upper
166 100
165 94.9 75.0 112.6
167 13.7 10.8 16.2

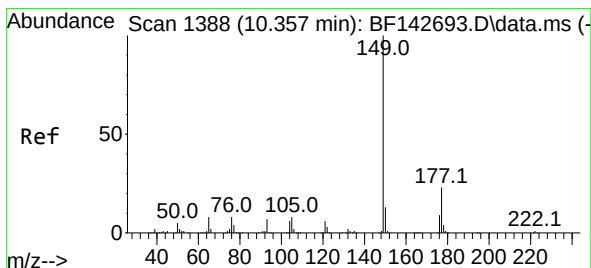
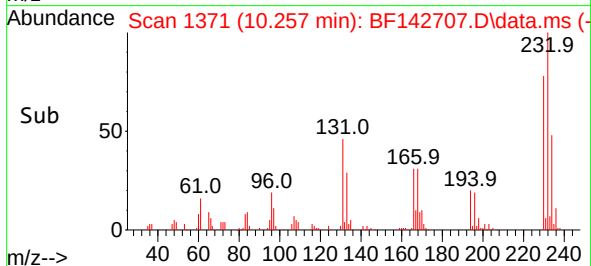
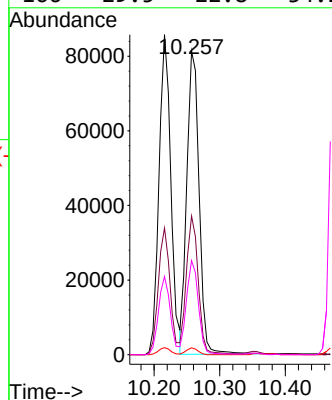
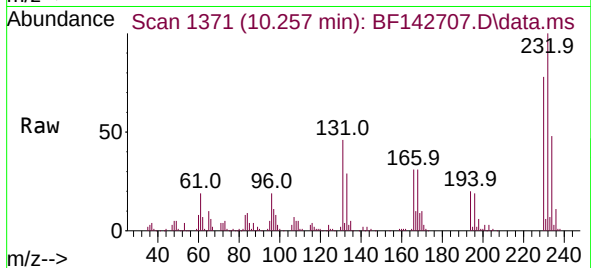




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.702 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

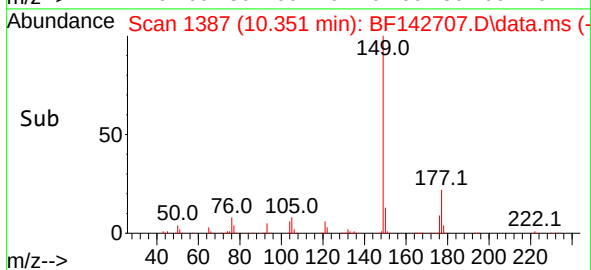
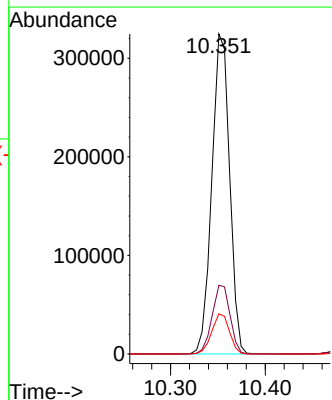
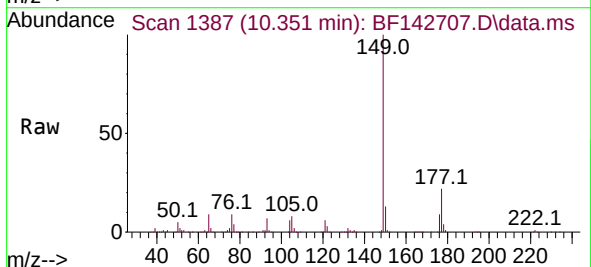
Instrument :
BNA_F
ClientSampleId :
WC-5MS

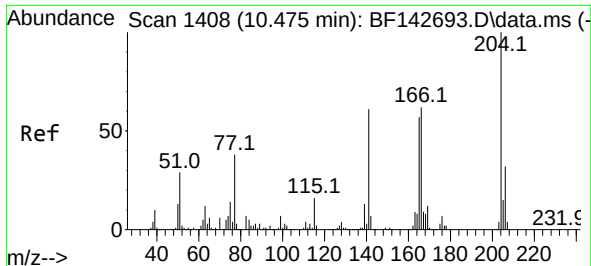
Tgt Ion:232 Resp: 105582
Ion Ratio Lower Upper
232 100
131 44.3 33.5 50.3
130 2.1 1.5 2.3
166 29.5 22.8 34.2



#60
Diethylphthalate
Concen: 44.667 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:149 Resp: 423266
Ion Ratio Lower Upper
149 100
177 21.5 18.0 27.0
150 12.6 10.0 15.0

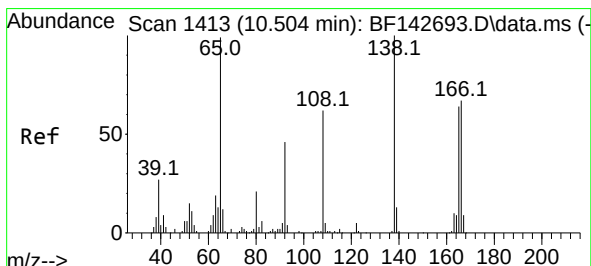
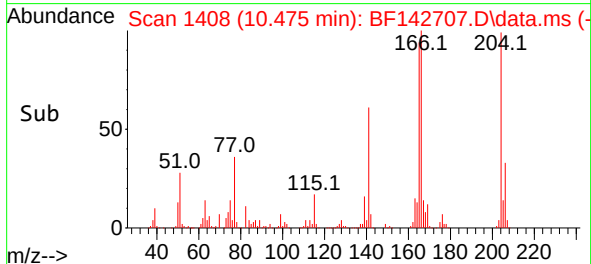
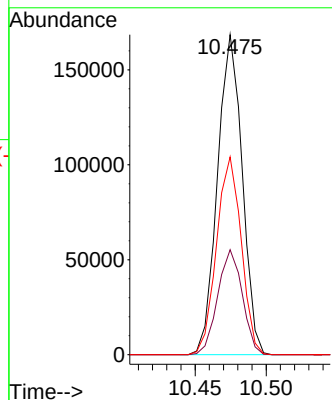
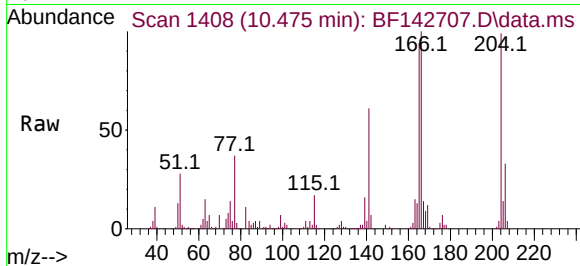




#61
4-Chlorophenyl-phenylether
Concen: 43.848 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

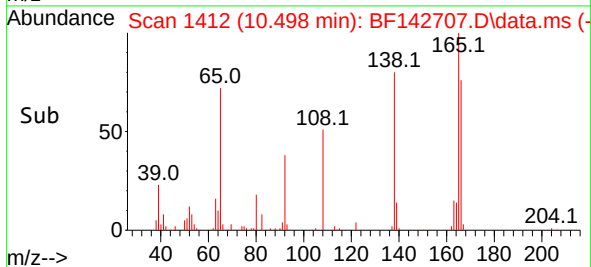
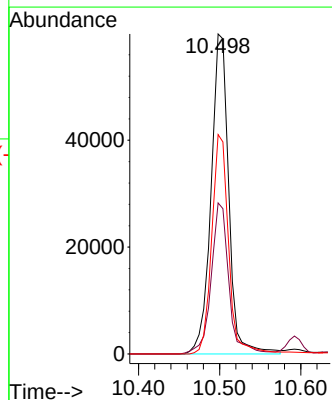
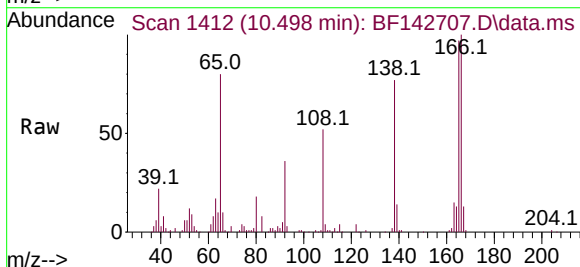
Instrument :
BNA_F
ClientSampleId :
WC-5MS

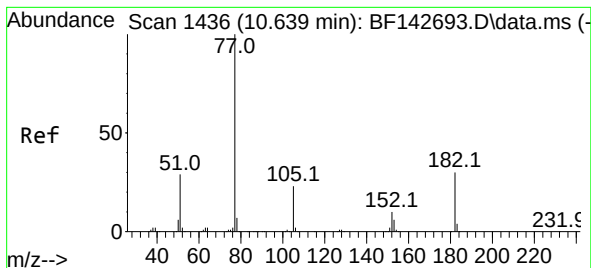
Tgt Ion:204 Resp: 203717
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 61.8 48.9 73.3



#62
4-Nitroaniline
Concen: 40.313 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:138 Resp: 90730
Ion Ratio Lower Upper
138 100
92 47.2 25.8 65.8
108 68.5 42.3 82.3





#63

Azobenzene

Concen: 47.665 ng

RT: 10.633 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion: 77 Resp: 404594

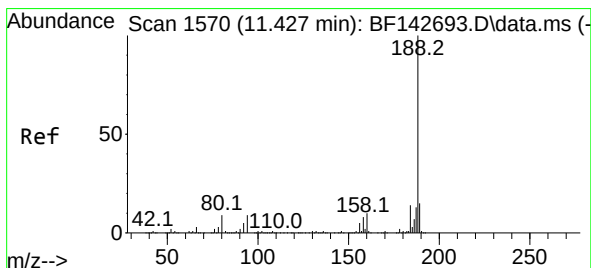
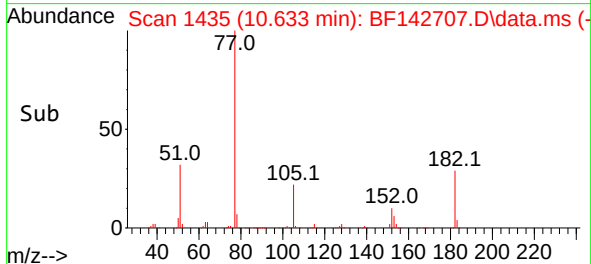
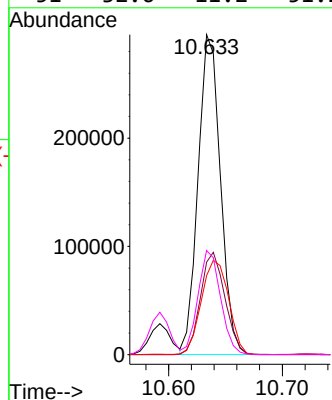
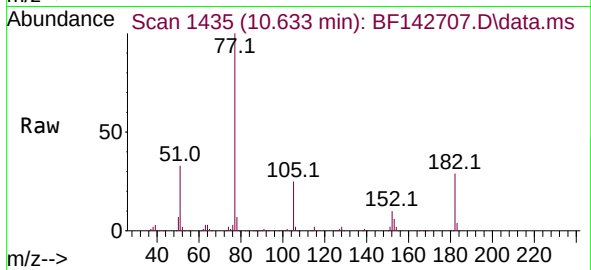
Ion Ratio Lower Upper

77 100

182 28.9 9.5 49.5

105 24.7 2.3 42.3

51 32.6 11.2 51.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

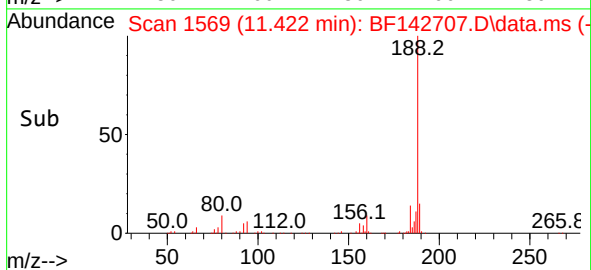
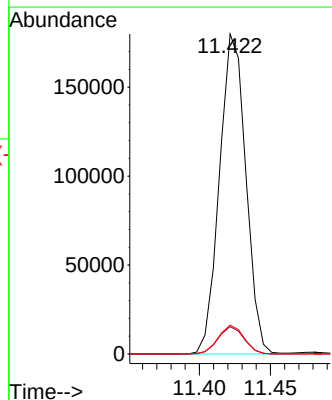
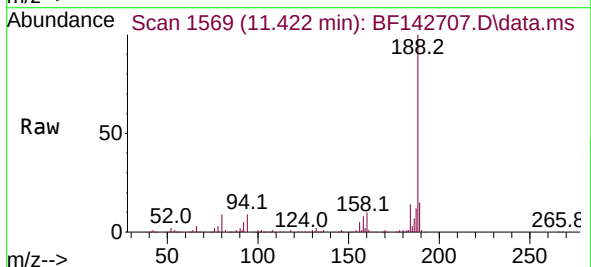
Tgt Ion: 188 Resp: 232310

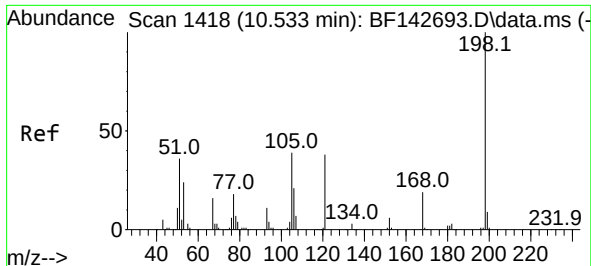
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.0 7.2 10.8

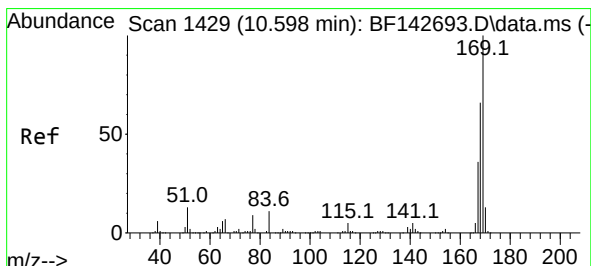
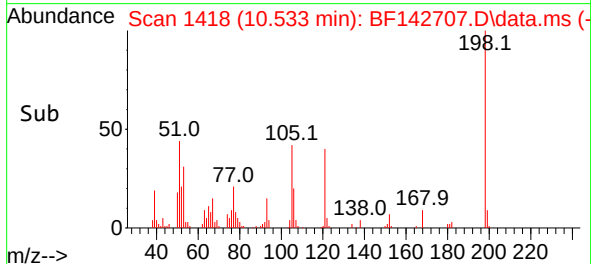
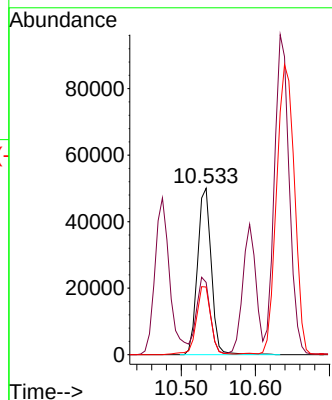
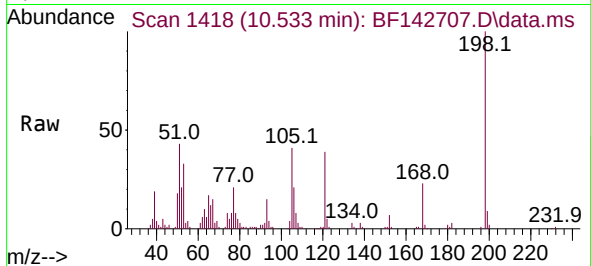




#65
4,6-Dinitro-2-methylphenol
Concen: 43.501 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

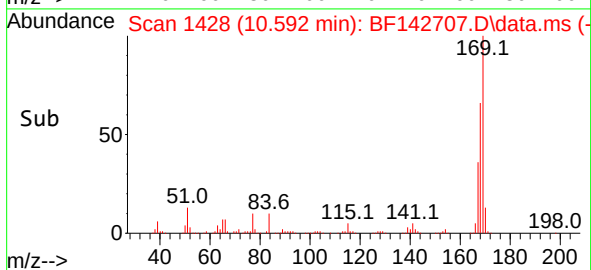
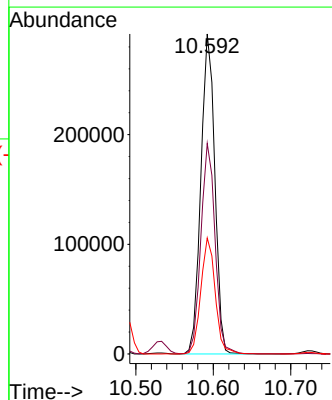
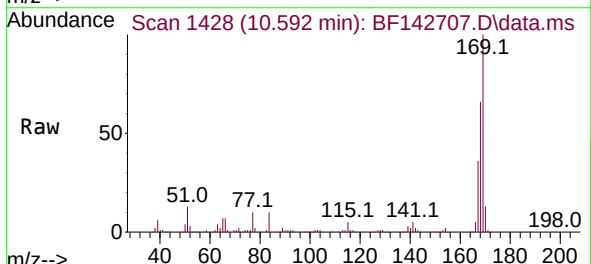
Instrument :
BNA_F
ClientSampleId :
WC-5MS

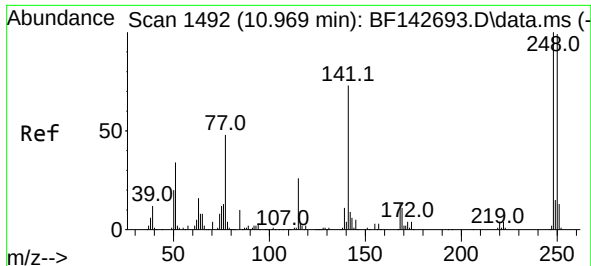
Tgt Ion:198 Resp: 64455
Ion Ratio Lower Upper
198 100
51 43.5 25.9 65.9
105 40.7 20.0 60.0



#66
n-Nitrosodiphenylamine
Concen: 48.550 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:169 Resp: 364150
Ion Ratio Lower Upper
169 100
168 65.8 53.1 79.7
167 36.2 28.4 42.6

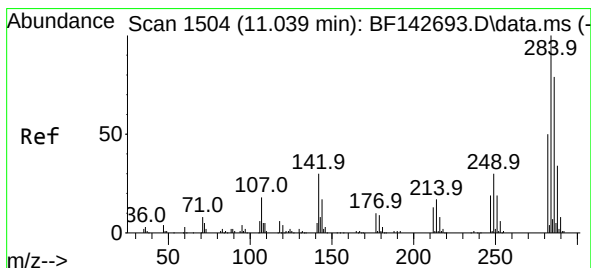
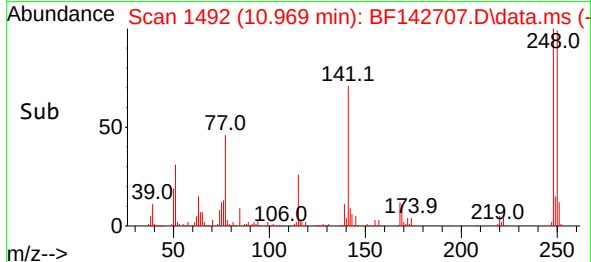
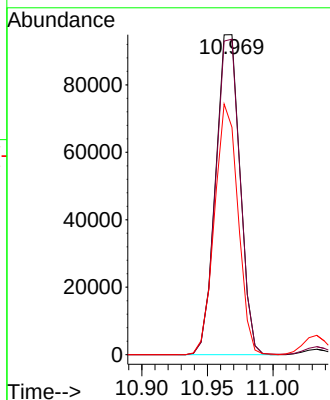
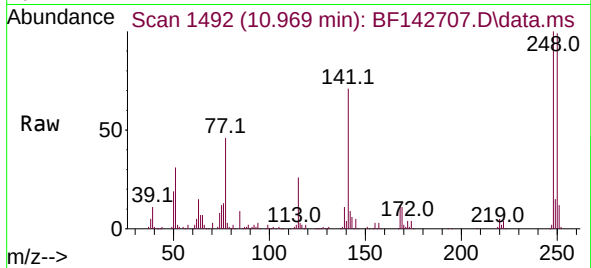




#67
4-Bromophenyl-phenylether
Concen: 47.703 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

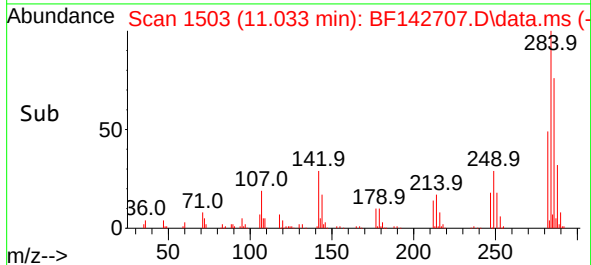
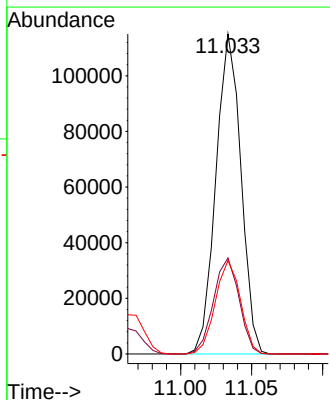
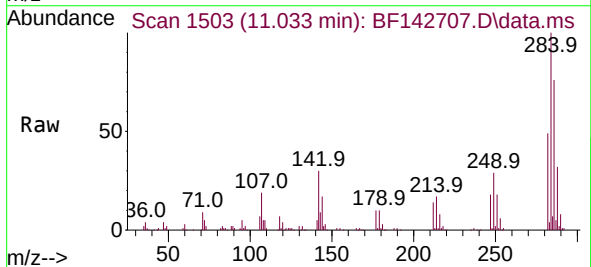
Instrument :
BNA_F
ClientSampleId :
WC-5MS

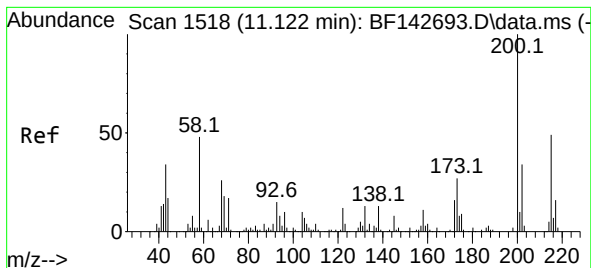
Tgt Ion:248 Resp: 122488
Ion Ratio Lower Upper
248 100
250 98.6 79.1 118.7
141 71.0 58.5 87.7



#68
Hexachlorobenzene
Concen: 47.723 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:284 Resp: 140803
Ion Ratio Lower Upper
284 100
142 30.0 23.6 35.4
249 29.2 23.8 35.8





#69

Atrazine

Concen: 49.125 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

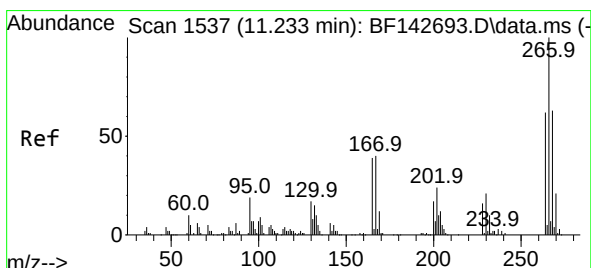
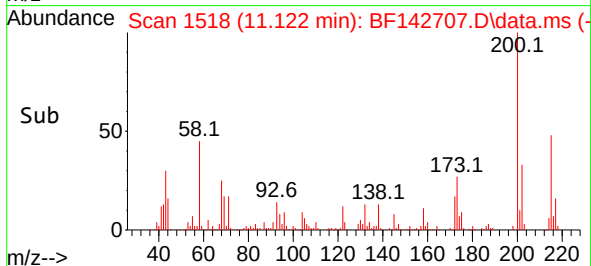
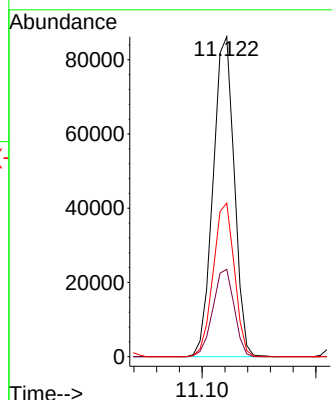
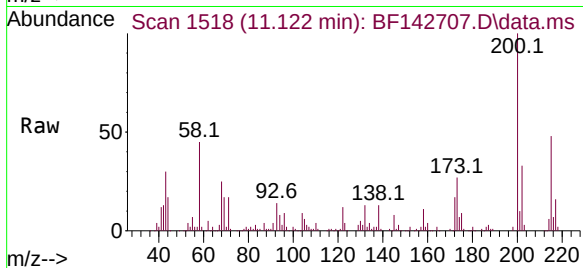
Tgt Ion:200 Resp: 111741

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 48.0 28.9 68.9



#70

Pentachlorophenol

Concen: 89.026 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

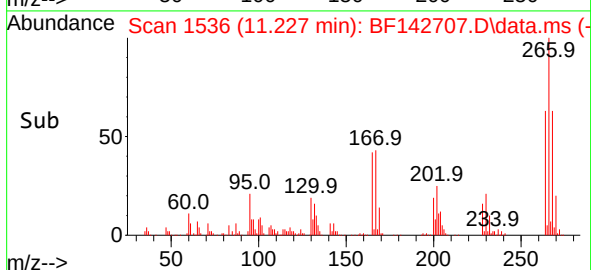
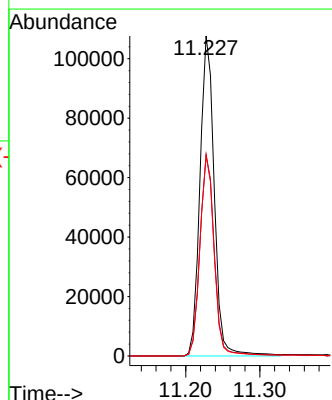
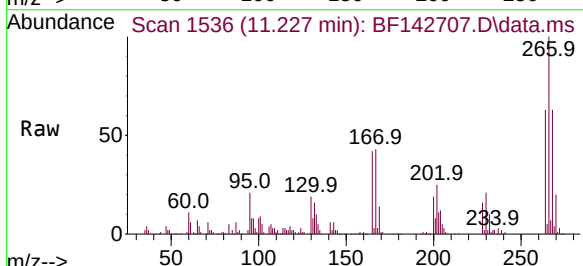
Tgt Ion:266 Resp: 144449

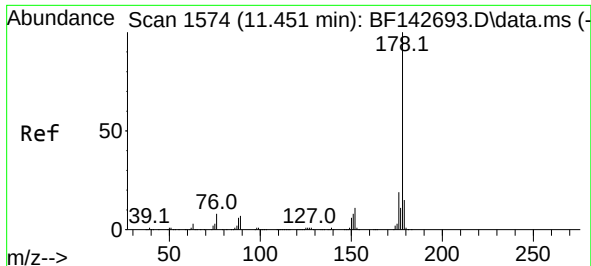
Ion Ratio Lower Upper

266 100

268 62.9 50.8 76.2

264 62.7 49.7 74.5

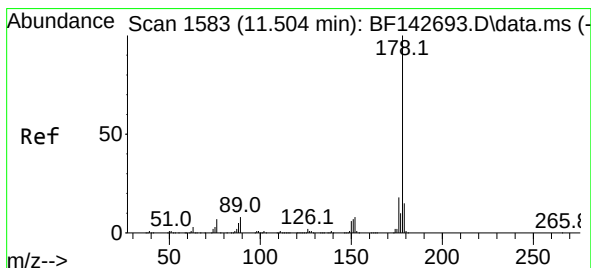
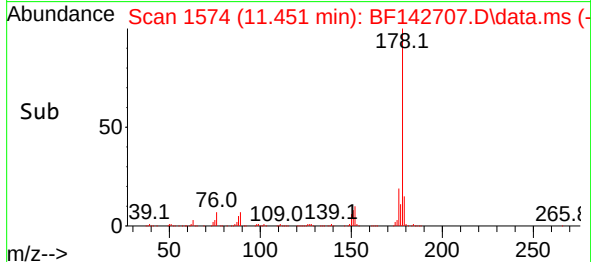
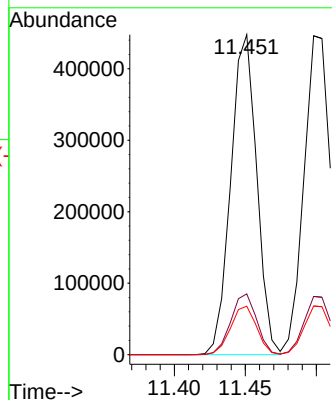
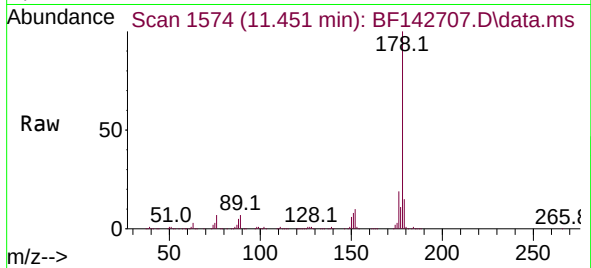




#71
Phenanthrene
Concen: 45.942 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

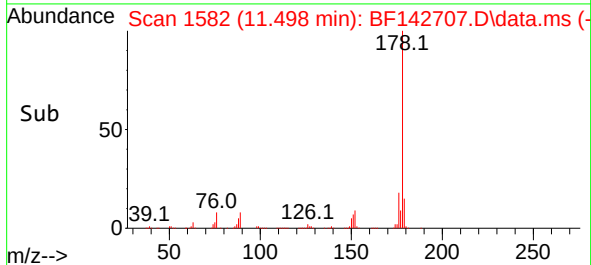
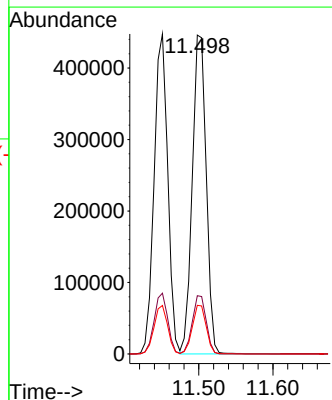
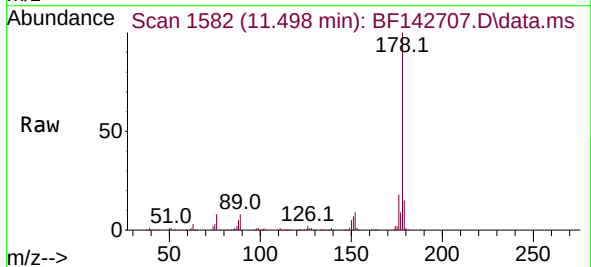
Instrument :
BNA_F
ClientSampleId :
WC-5MS

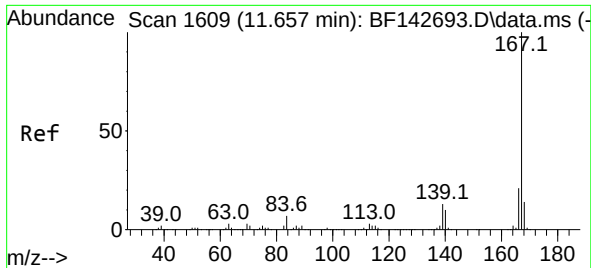
Tgt Ion:178 Resp: 570569
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.4 18.6



#72
Anthracene
Concen: 45.175 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:178 Resp: 582233
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.3 12.2 18.2

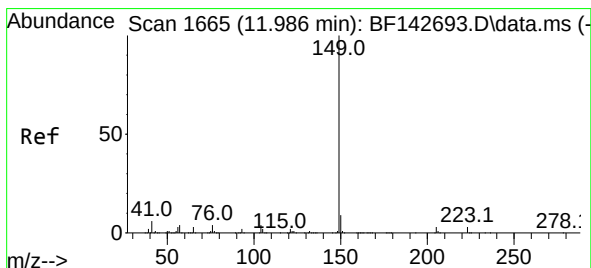
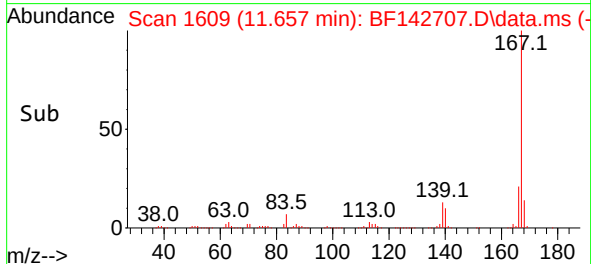
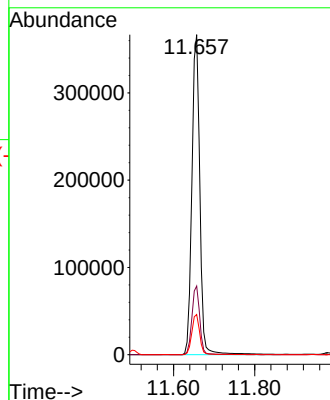
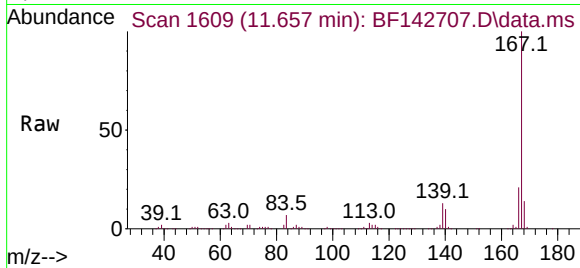




#73
 Carbazole
 Concen: 43.045 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142707.D
 Acq: 10 Jun 2025 12:41

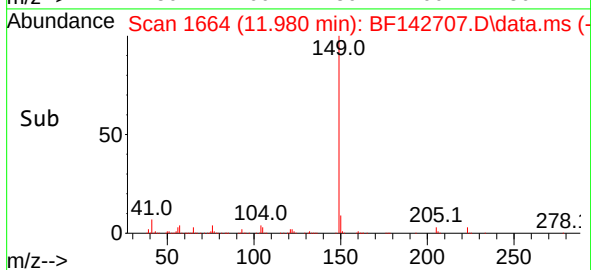
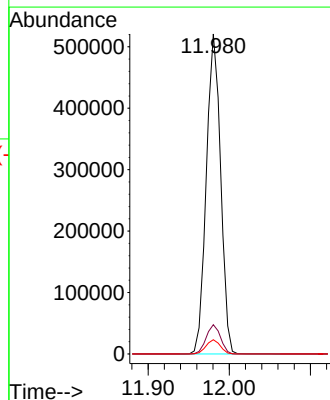
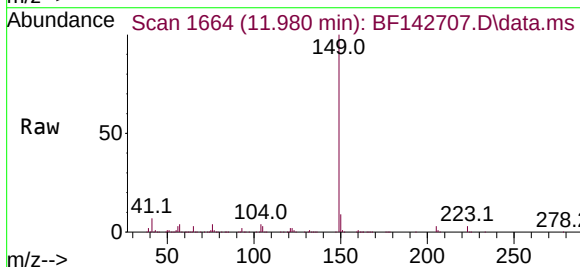
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

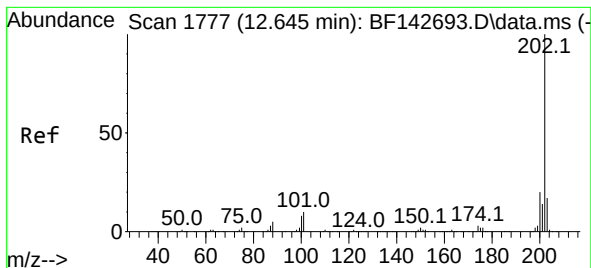
Tgt Ion:167 Resp: 499561
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.5 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 51.543 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.006 min
 Lab File: BF142707.D
 Acq: 10 Jun 2025 12:41

Tgt Ion:149 Resp: 635033
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.4 3.3 4.9





#75

Fluoranthene

Concen: 44.920 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

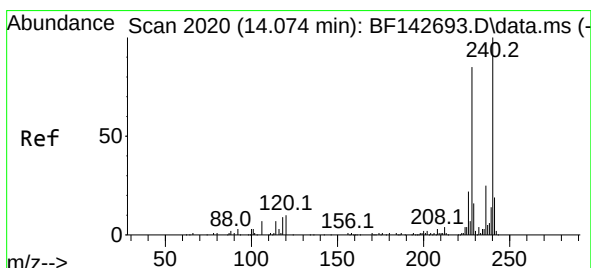
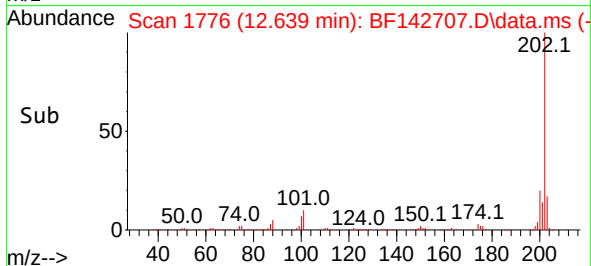
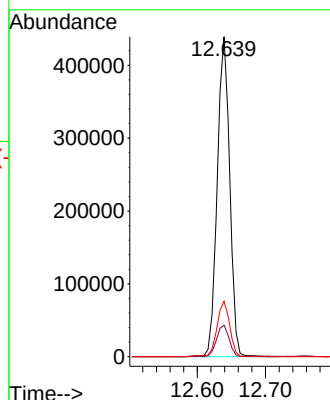
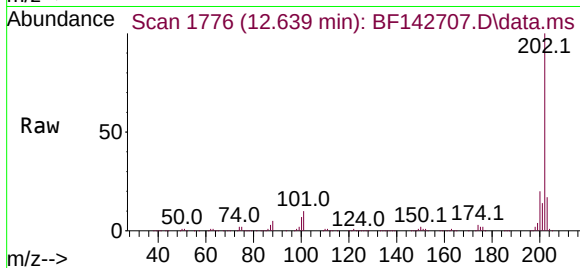
Tgt Ion:202 Resp: 558947

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

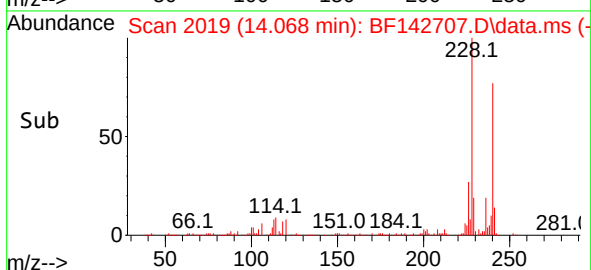
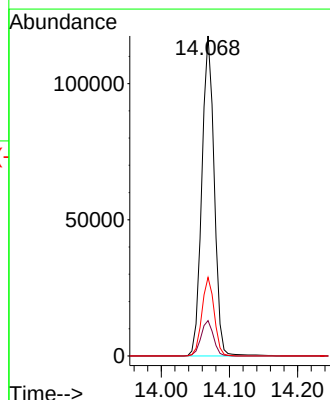
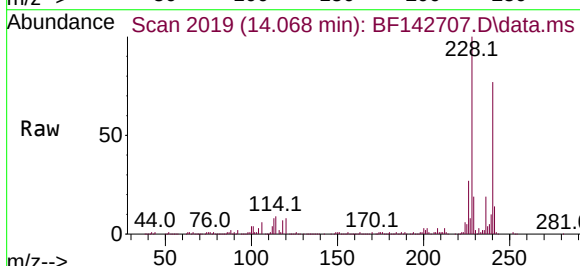
Tgt Ion:240 Resp: 148312

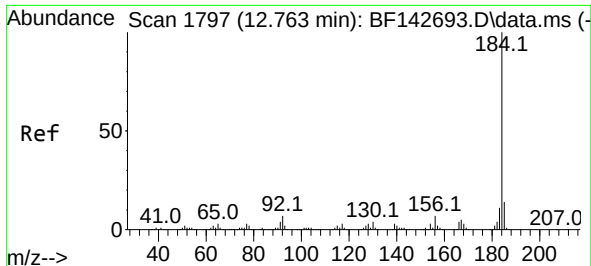
Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 24.6 20.2 30.2

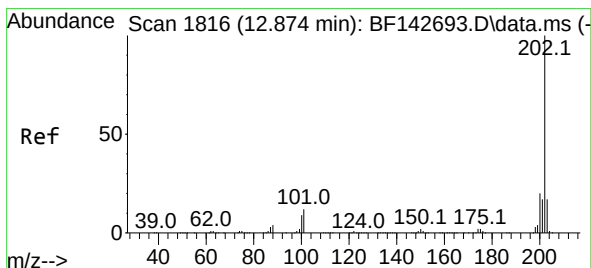
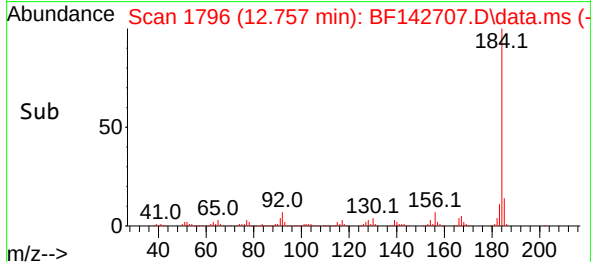
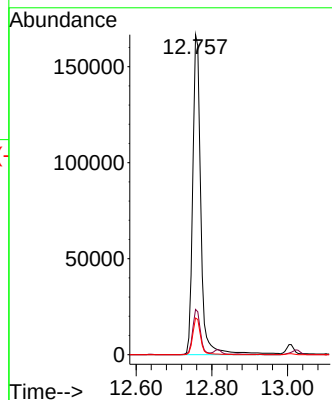
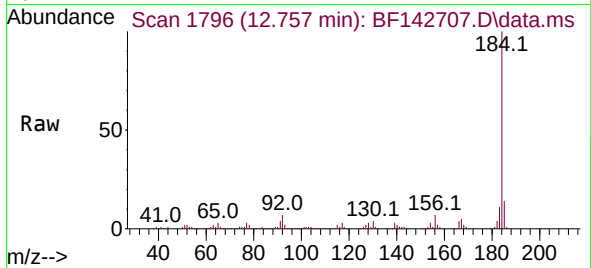




#77
Benzidine
Concen: 48.519 ng
RT: 12.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

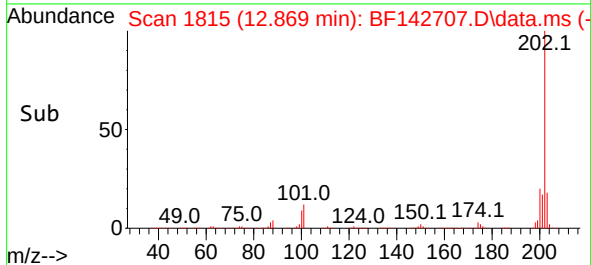
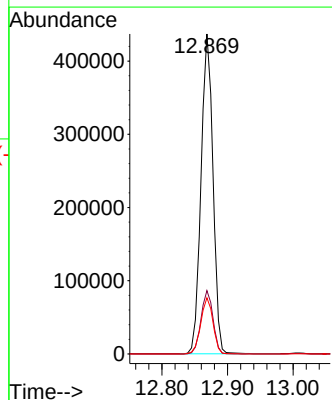
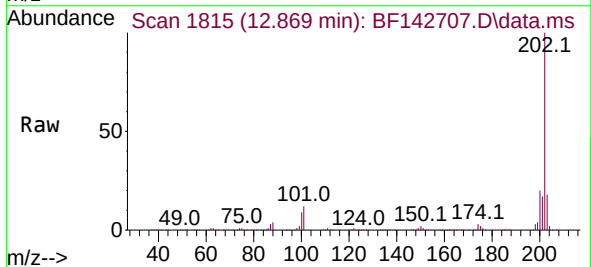
Instrument :
BNA_F
ClientSampleId :
WC-5MS

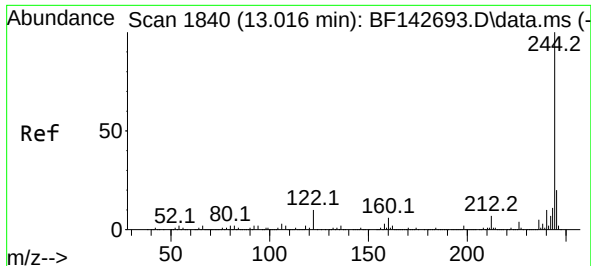
Tgt Ion:184 Resp: 248352
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.4 8.9 13.3



#78
Pyrene
Concen: 45.977 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:202 Resp: 555639
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.5 13.9 20.9

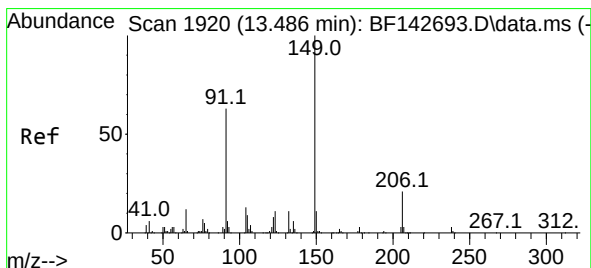
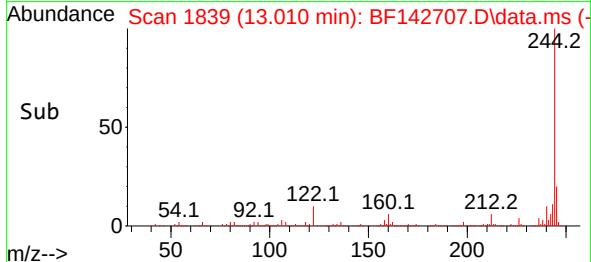
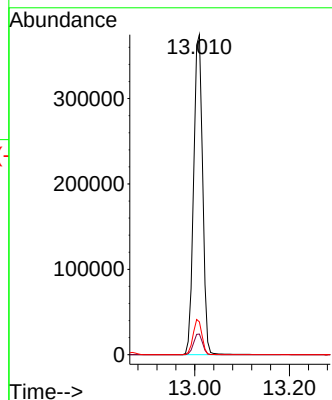
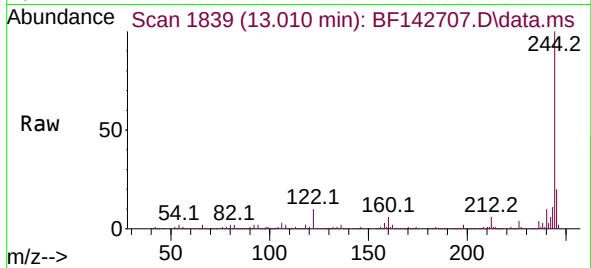




#79
 Terphenyl-d14
 Concen: 52.383 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142707.D
 Acq: 10 Jun 2025 12:41

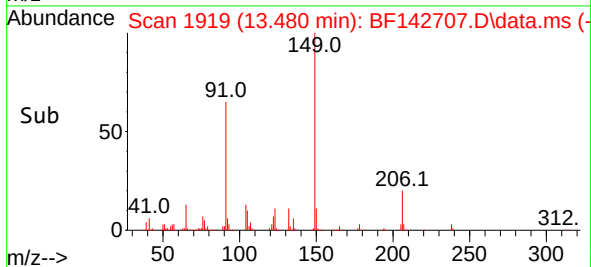
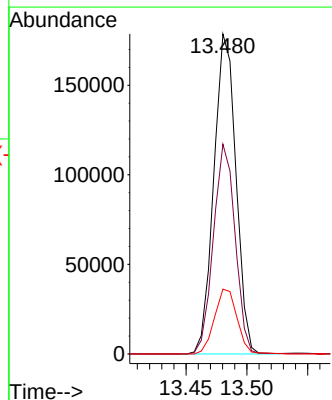
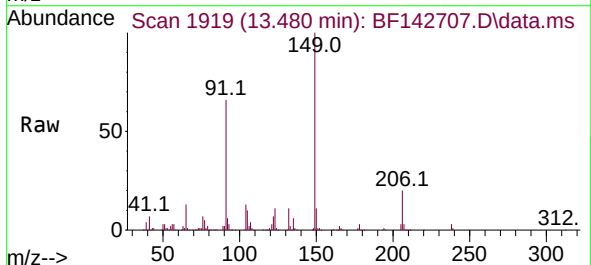
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

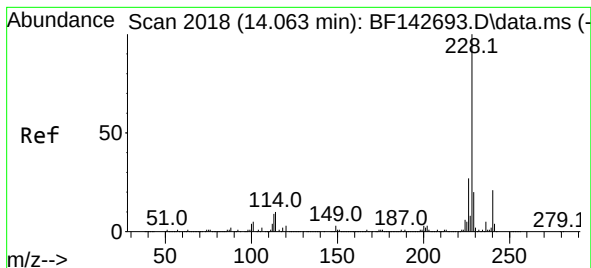
Tgt Ion:244 Resp: 491238
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 60.697 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.006 min
 Lab File: BF142707.D
 Acq: 10 Jun 2025 12:41

Tgt Ion:149 Resp: 225894
 Ion Ratio Lower Upper
 149 100
 91 65.5 50.5 75.7
 206 20.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 46.564 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

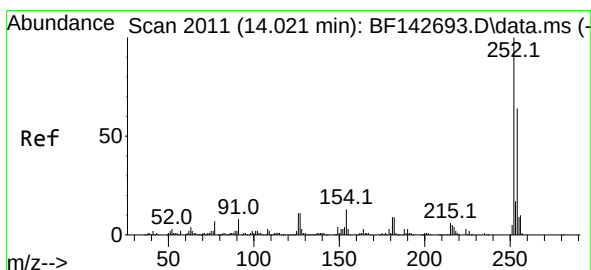
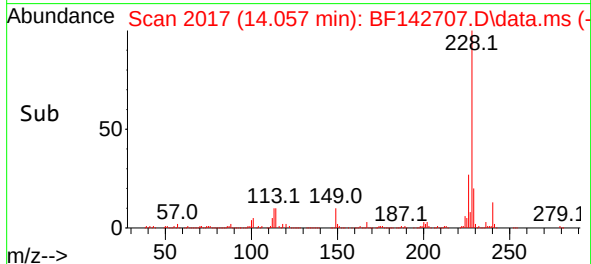
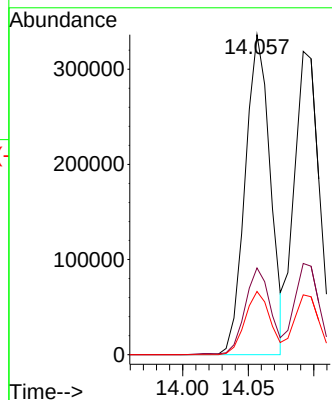
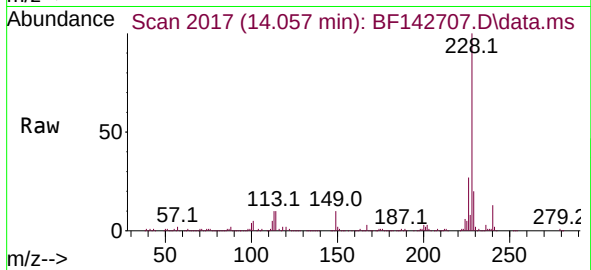
Tgt Ion:228 Resp: 448189

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 29.440 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

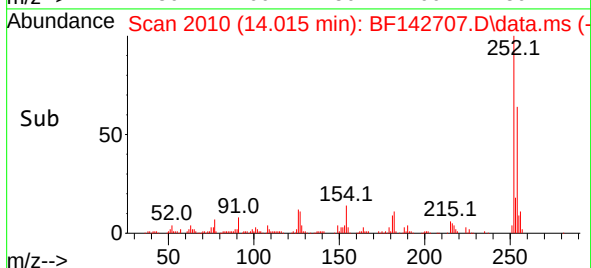
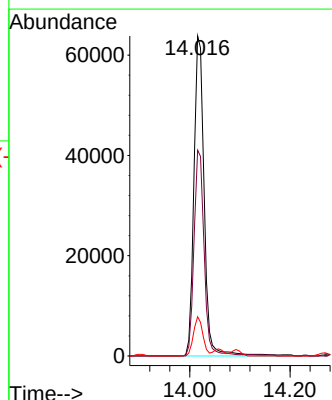
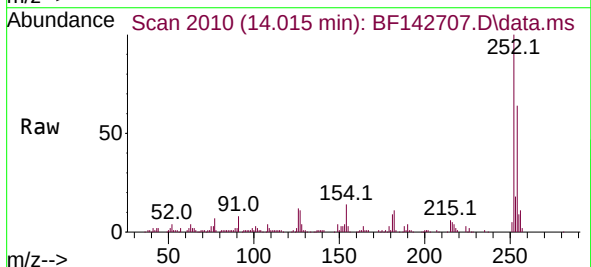
Tgt Ion:252 Resp: 90579

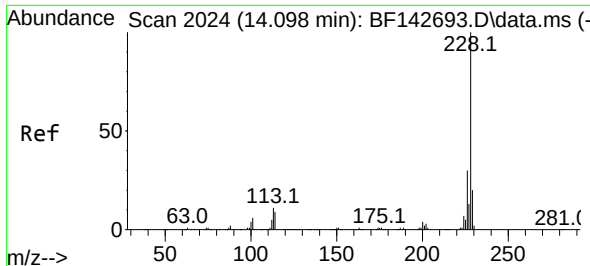
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 12.2 9.1 13.7

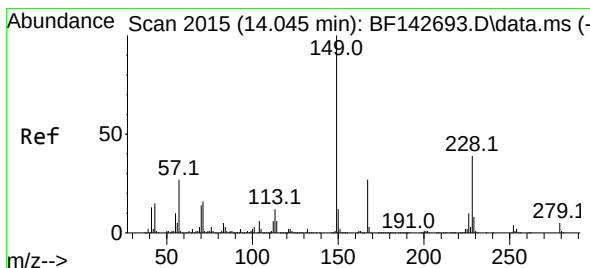
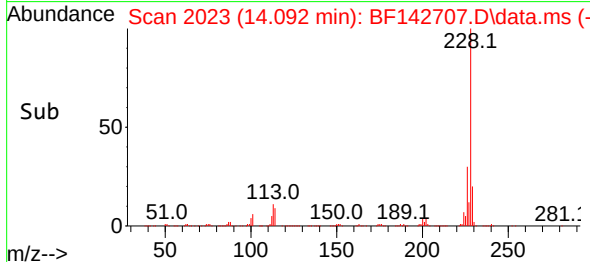
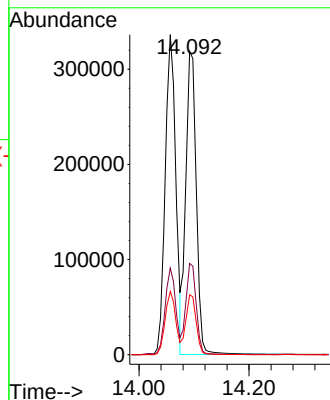
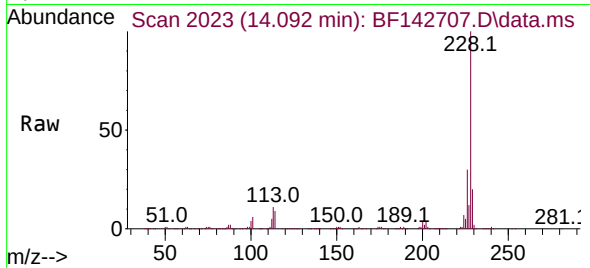




#83
Chrysene
Concen: 46.575 ng
RT: 14.092 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

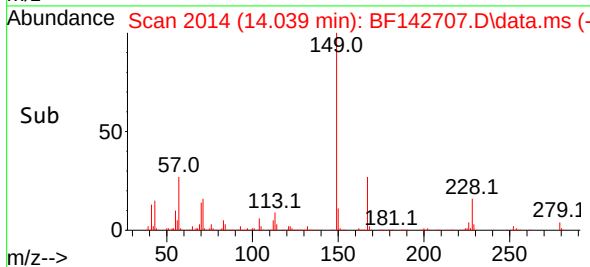
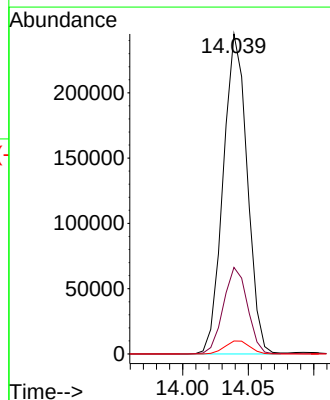
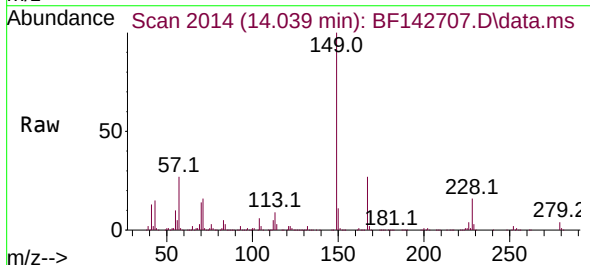
Instrument :
BNA_F
ClientSampleId :
WC-5MS

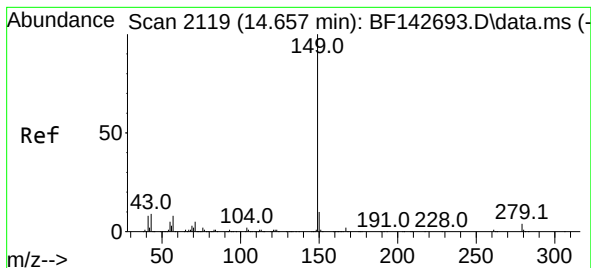
Tgt Ion:228 Resp: 424624
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 19.7 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 73.457 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:149 Resp: 312126
Ion Ratio Lower Upper
149 100
167 27.0 21.9 32.9
279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 60.944 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

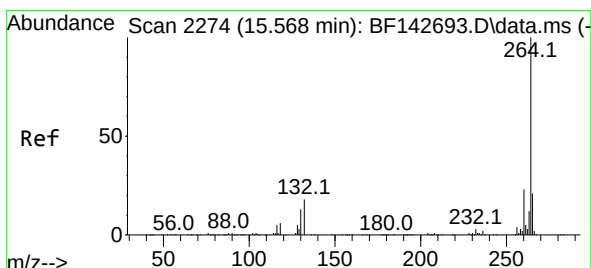
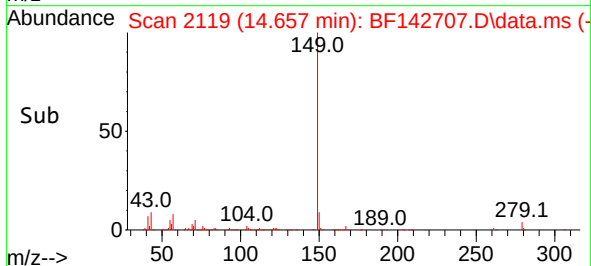
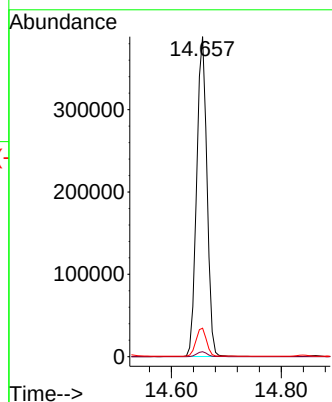
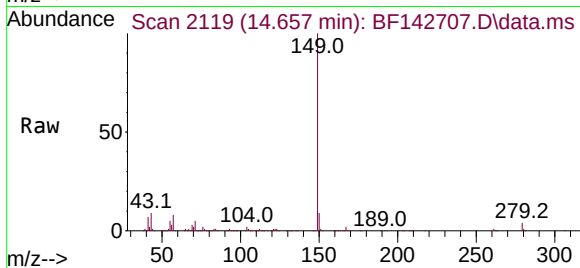
Tgt Ion:149 Resp: 503646

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

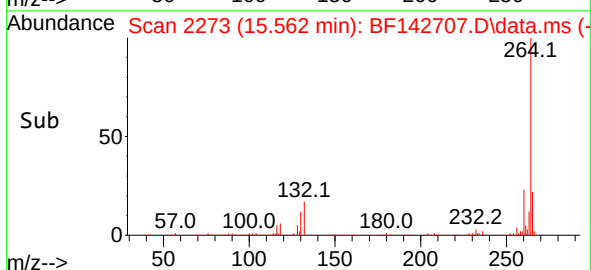
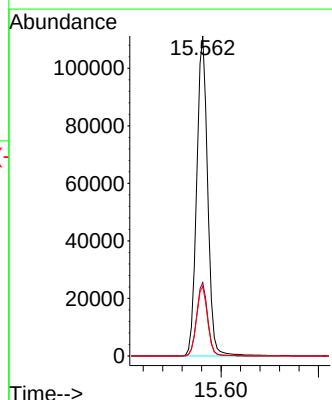
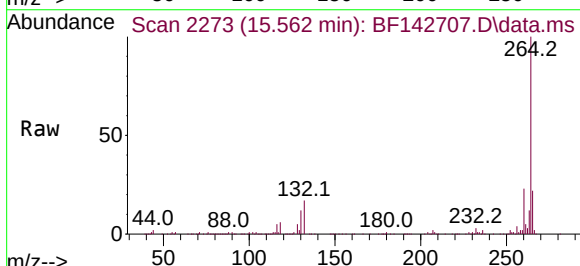
Tgt Ion:264 Resp: 175165

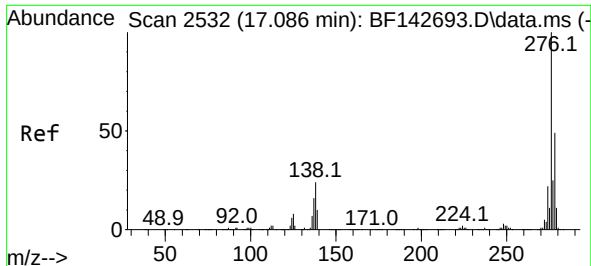
Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.7 17.0 25.4

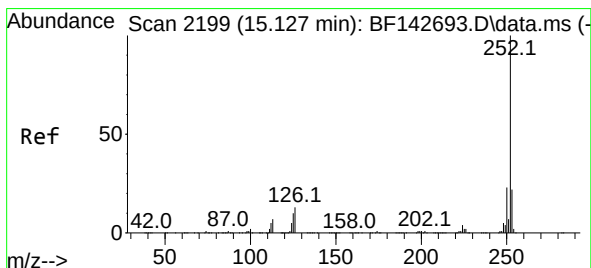
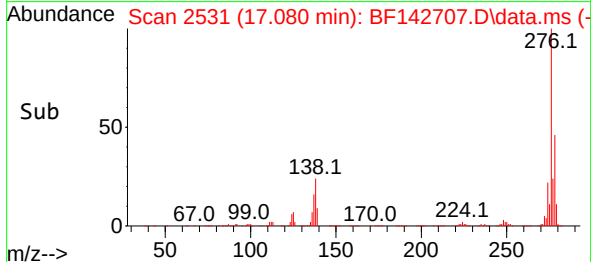
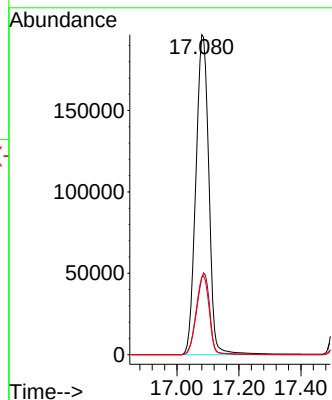
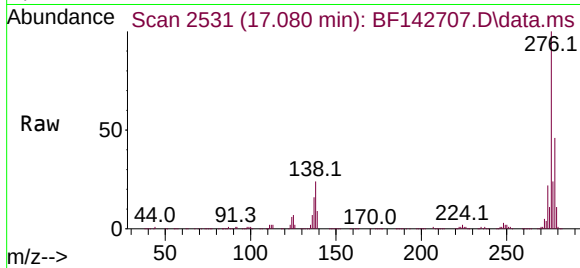




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.246 ng
RT: 17.080 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

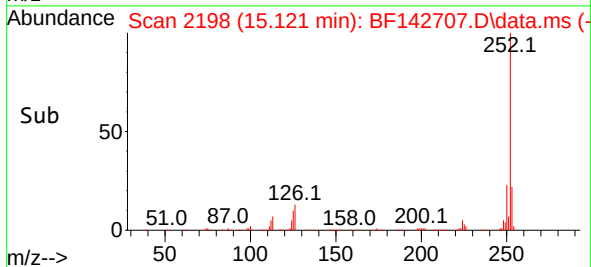
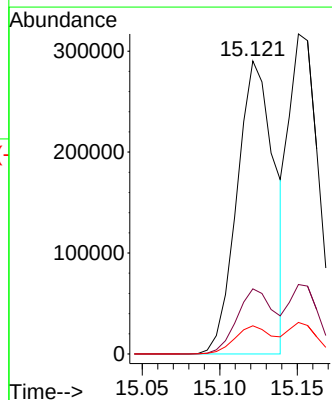
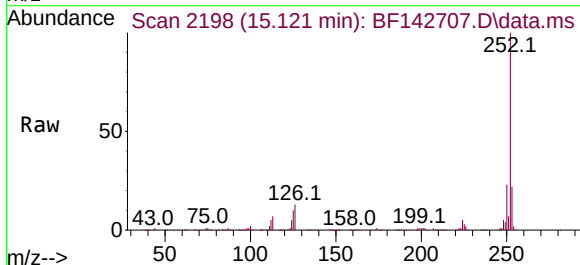
Instrument :
BNA_F
ClientSampleId :
WC-5MS

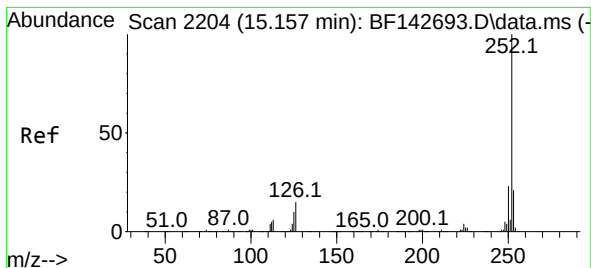
Tgt Ion:276 Resp: 573017
Ion Ratio Lower Upper
276 100
138 25.6 20.8 31.2
277 24.7 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 46.482 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:252 Resp: 486439
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.6 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 43.039 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

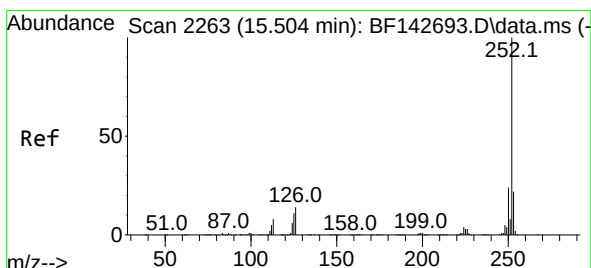
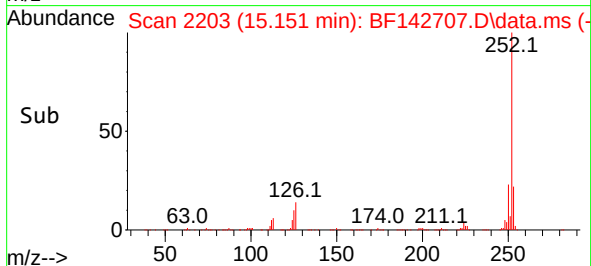
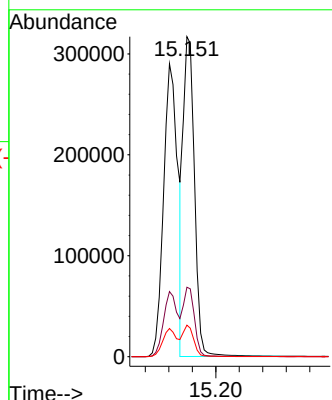
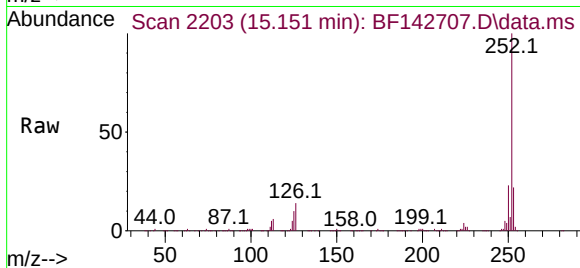
Tgt Ion:252 Resp: 423841

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.8 7.7 11.5



#90

Benzo(a)pyrene

Concen: 45.864 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142707.D

Acq: 10 Jun 2025 12:41

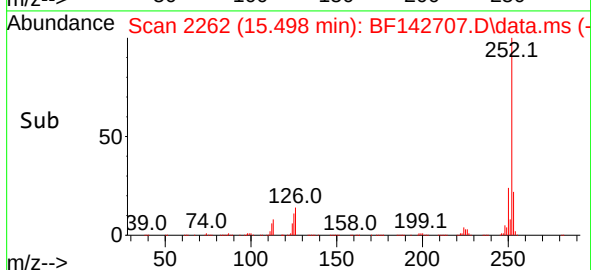
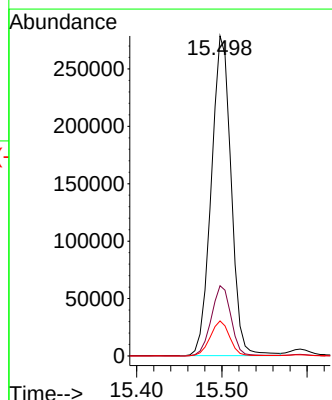
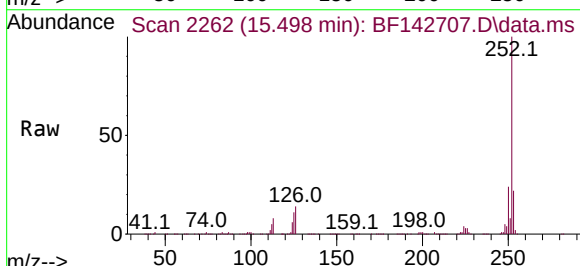
Tgt Ion:252 Resp: 449775

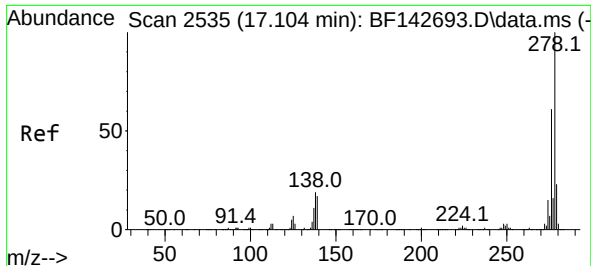
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

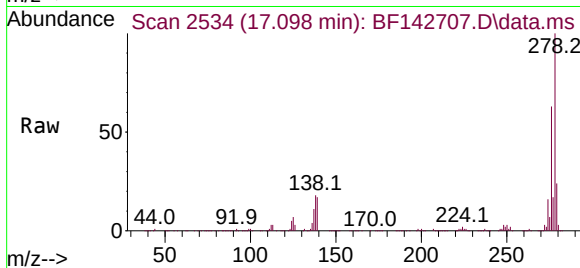
125 11.0 8.8 13.2



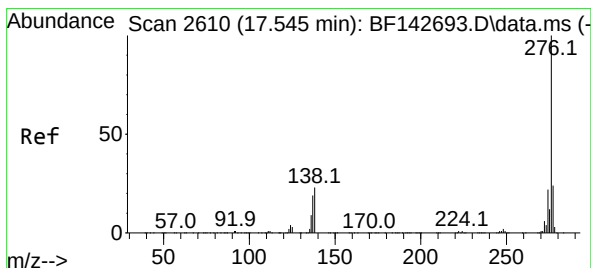
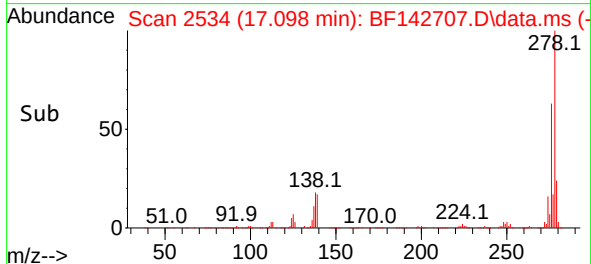
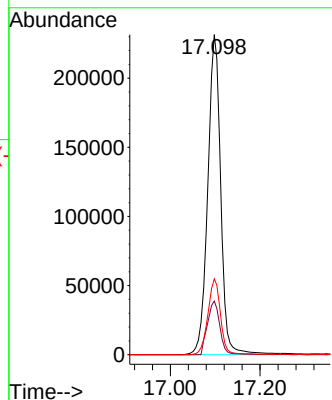


#91
Dibenzo(a,h)anthracene
Concen: 46.496 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Instrument :
BNA_F
ClientSampleId :
WC-5MS



Tgt Ion:278 Resp: 463774
Ion Ratio Lower Upper
278 100
139 16.7 13.4 20.0
279 23.7 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 43.497 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.024 min
Lab File: BF142707.D
Acq: 10 Jun 2025 12:41

Tgt Ion:276 Resp: 449262
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 21.6 18.2 27.2

