

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142708.D
 Acq On : 10 Jun 2025 13:10
 Operator : RC/JU
 Sample : Q2266-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

Quant Time: Jun 10 13:36:48 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	72257	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	275500	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	142711	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	234155	20.000	ng	0.00
76) Chrysene-d12	14.068	240	165870	20.000	ng	0.00
86) Perylene-d12	15.562	264	192181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	347013	81.544	ng	0.00
7) Phenol-d6	6.522	99	418658	83.891	ng	-0.01
23) Nitrobenzene-d5	7.457	82	256857	51.238	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	130878	81.627	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	556539	53.332	ng	-0.01
79) Terphenyl-d14	13.010	244	569500	54.300	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	72508	44.495	ng	99
3) Pyridine	3.493	79	191369	45.533	ng	99
4) n-Nitrosodimethylamine	3.446	42	99412	48.599	ng	100
6) Aniline	6.557	93	258265	38.546	ng	99
8) 2-Chlorophenol	6.681	128	217686	46.885	ng	99
9) Benzaldehyde	6.445	77	106141	37.727	ng	98
10) Phenol	6.539	94	257673	46.109	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	190336	46.751	ng	98
12) 1,3-Dichlorobenzene	6.834	146	242260	46.591	ng	99
13) 1,4-Dichlorobenzene	6.910	146	243281	45.759	ng	98
14) 1,2-Dichlorobenzene	7.063	146	234915	46.341	ng	99
15) Benzyl Alcohol	7.034	79	173213	47.449	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	298489	45.024	ng	99
17) 2-Methylphenol	7.145	107	165270	46.421	ng	99
18) Hexachloroethane	7.410	117	86749	47.494	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	140306	47.961	ng	99
20) 3+4-Methylphenols	7.298	107	202021	46.075	ng	92
22) Acetophenone	7.304	105	278764	46.288	ng	97
24) Nitrobenzene	7.475	77	206081	45.583	ng	98
25) Isophorone	7.716	82	375420	46.159	ng	99
26) 2-Nitrophenol	7.792	139	119751	48.019	ng	97
27) 2,4-Dimethylphenol	7.828	122	192684	45.463	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	238129	46.681	ng	99
29) 2,4-Dichlorophenol	8.033	162	178727	46.031	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	198673	46.909	ng	99
31) Naphthalene	8.204	128	628617	46.304	ng	100
32) Benzoic acid	7.945	122	114197	44.432	ng	99
33) 4-Chloroaniline	8.245	127	150212	26.913	ng	99
34) Hexachlorobutadiene	8.316	225	123664	47.410	ng	99
35) Caprolactam	8.616	113	53432	44.804	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	176492	44.067	ng	99
37) 2-Methylnaphthalene	8.892	142	383204	44.860	ng	99
38) 1-Methylnaphthalene	8.992	142	401791	45.421	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	195877	47.494	ng	98
41) Hexachlorocyclopentadiene	9.045	237	237736	98.159	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	130978	48.400	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142708.D
 Acq On : 10 Jun 2025 13:10
 Operator : RC/JU
 Sample : Q2266-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

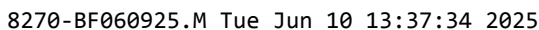
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

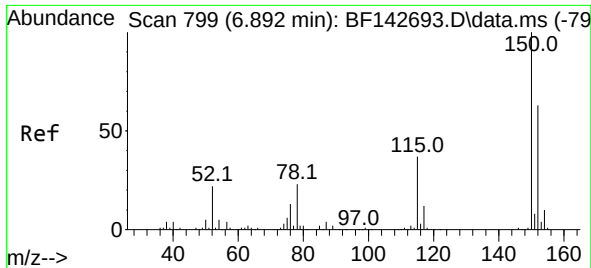
Quant Time: Jun 10 13:36:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 18:21:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	130023	44.984	ng	98
46) 1,1'-Biphenyl	9.357	154	522957	47.125	ng	100
47) 2-Chloronaphthalene	9.380	162	384142	46.200	ng	98
48) 2-Nitroaniline	9.475	65	110067	44.484	ng	96
49) Acenaphthylene	9.798	152	644772	46.788	ng	100
50) Dimethylphthalate	9.657	163	436604	45.471	ng	100
51) 2,6-Dinitrotoluene	9.716	165	97005	46.703	ng	97
52) Acenaphthene	9.969	154	426949	50.646	ng	99
53) 3-Nitroaniline	9.886	138	71312	30.555	ng	100
54) 2,4-Dinitrophenol	9.998	184	97586	84.859	ng	99
55) Dibenzofuran	10.145	168	567305	46.908	ng	100
56) 4-Nitrophenol	10.051	139	143285	89.319	ng	97
57) 2,4-Dinitrotoluene	10.122	165	130550	46.890	ng	99
58) Fluorene	10.486	166	437729	45.283	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	112396	46.211	ng	98
60) Diethylphthalate	10.357	149	435949	46.768	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	213265	46.664	ng	99
62) 4-Nitroaniline	10.504	138	92488	41.775	ng	97
63) Azobenzene	10.633	77	424592	50.849	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	66857	44.767	ng	99
66) n-Nitrosodiphenylamine	10.592	169	377664	49.955	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	129618	50.082	ng	99
68) Hexachlorobenzene	11.033	284	144592	48.621	ng	98
69) Atrazine	11.122	200	117197	51.118	ng	99
70) Pentachlorophenol	11.227	266	151032	92.349	ng	99
71) Phenanthrene	11.451	178	601737	48.070	ng	100
72) Anthracene	11.504	178	619924	47.721	ng	100
73) Carbazole	11.657	167	530592	45.359	ng	100
74) Di-n-butylphthalate	11.980	149	686641	55.292	ng	100
75) Fluoranthene	12.639	202	654629	52.195	ng	99
77) Benzidine	12.757	184	282563	49.359	ng	100
78) Pyrene	12.868	202	640734	47.407	ng	100
80) Butylbenzylphthalate	13.480	149	262174	62.988	ng	97
81) Benzo(a)anthracene	14.057	228	520620	48.363	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	110065	31.986	ng	100
83) Chrysene	14.092	228	497015	48.745	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	362506	76.283	ng	100
85) Di-n-octyl phthalate	14.657	149	565508	61.186	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	693415	51.008	ng	100
88) Benzo(b)fluoranthene	15.121	252	594564	51.784	ng	99
89) Benzo(k)fluoranthene	15.151	252	492587	45.591	ng	99
90) Benzo(a)pyrene	15.498	252	549915	51.111	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	561456	51.306	ng	99
92) Benzo(g,h,i)perylene	17.539	276	555277	49.001	ng	100

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

Quant Time: Jun 10 13:36:48 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

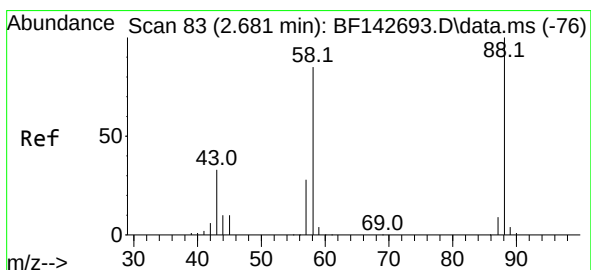
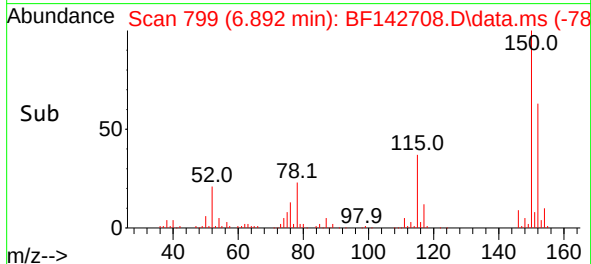
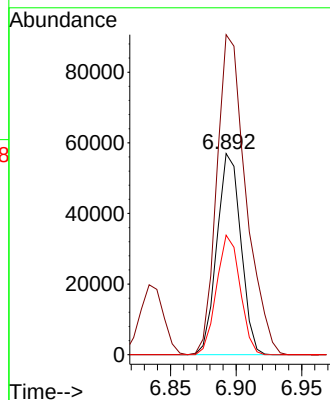
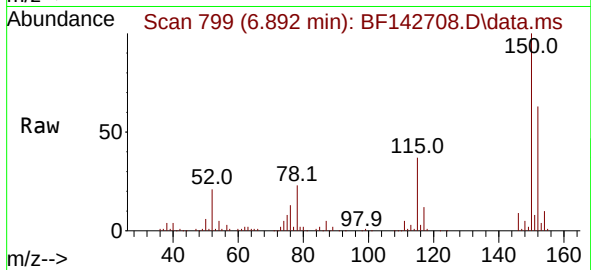




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF142708.D
 Acq: 10 Jun 2025 13:10

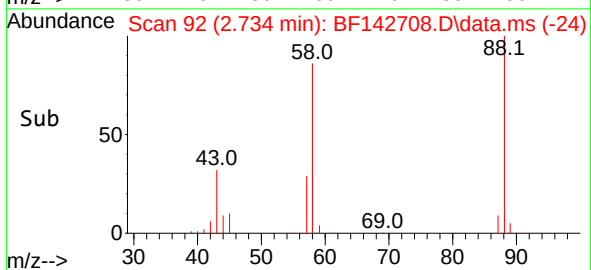
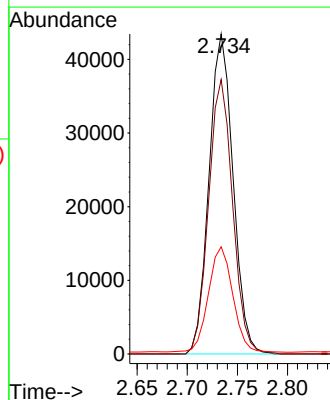
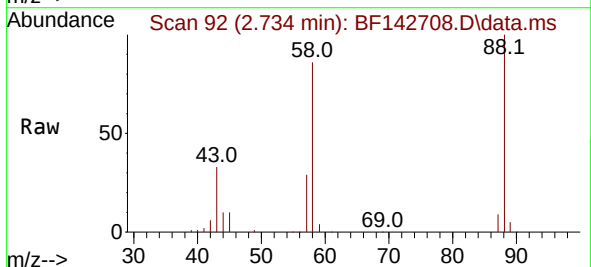
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

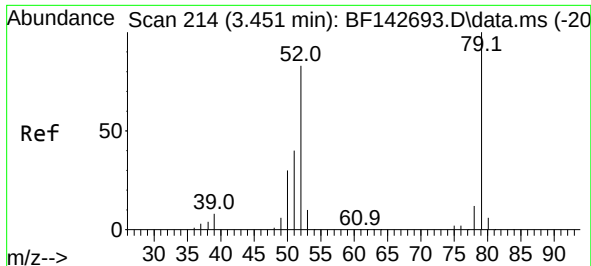
Tgt Ion:152 Resp: 72257
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.8 190.2
 115 59.5 46.8 70.2



#2
 1,4-Dioxane
 Concen: 44.495 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.053 min
 Lab File: BF142708.D
 Acq: 10 Jun 2025 13:10

Tgt Ion: 88 Resp: 72508
 Ion Ratio Lower Upper
 88 100
 58 85.8 69.2 103.8
 43 33.5 26.3 39.5

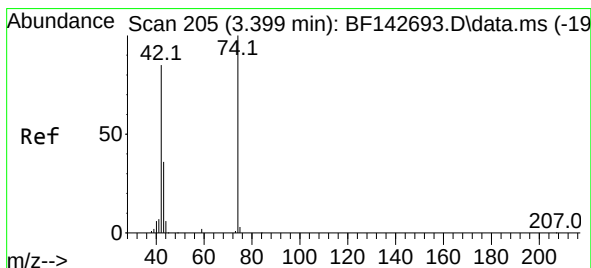
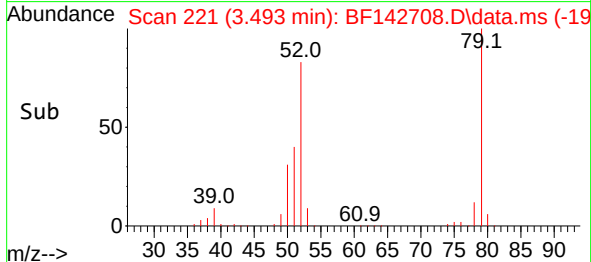
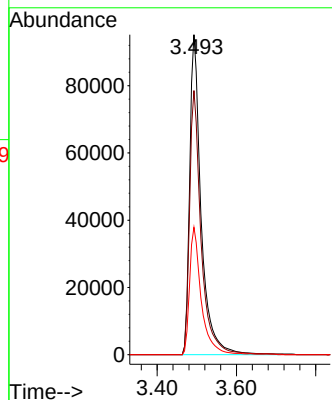
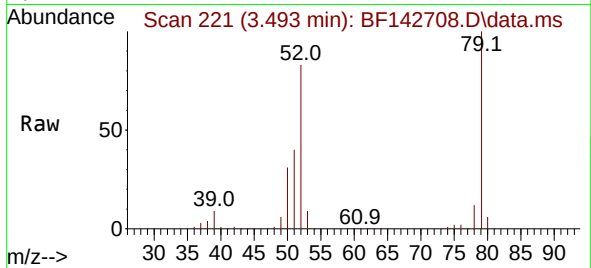




#3
Pyridine
Concen: 45.533 ng
RT: 3.493 min Scan# 214
Delta R.T. 0.041 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

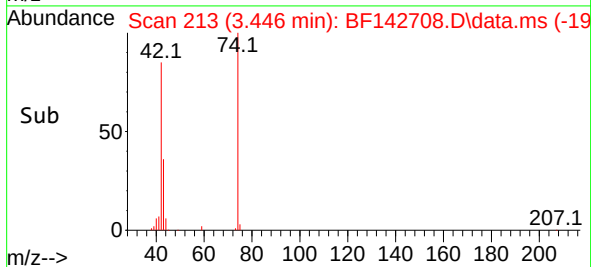
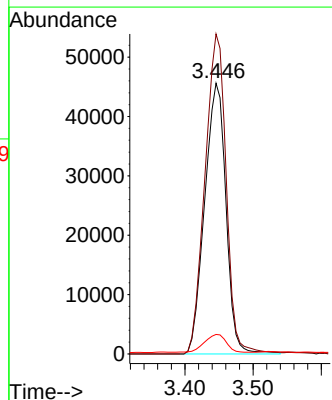
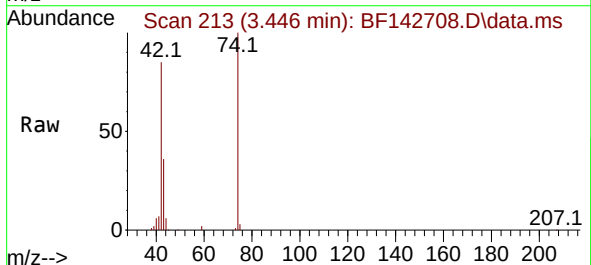
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

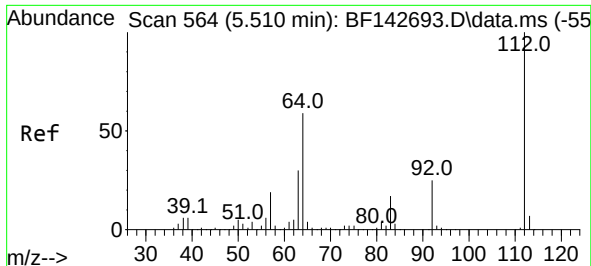
Tgt Ion: 79 Resp: 191369
Ion Ratio Lower Upper
79 100
52 82.5 66.6 99.8
51 39.8 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 48.599 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.018 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion: 42 Resp: 99412
Ion Ratio Lower Upper
42 100
74 118.2 94.5 141.7
44 7.2 5.6 8.4

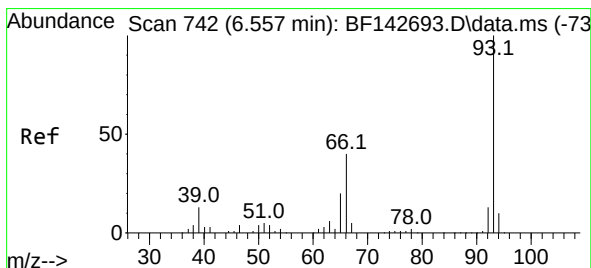
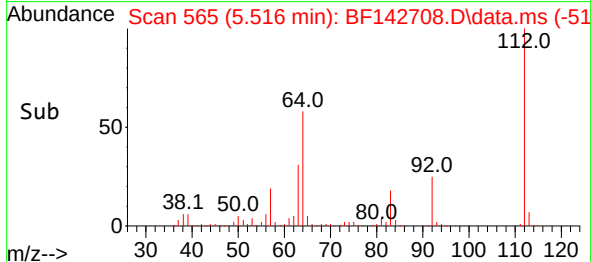
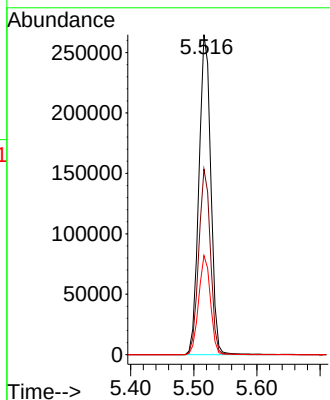
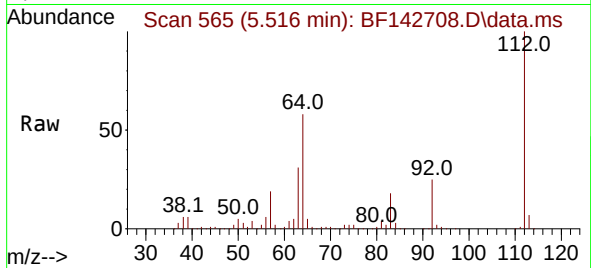




#5
2-Fluorophenol
Concen: 81.544 ng
RT: 5.516 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

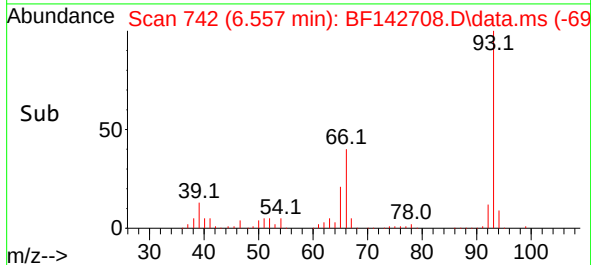
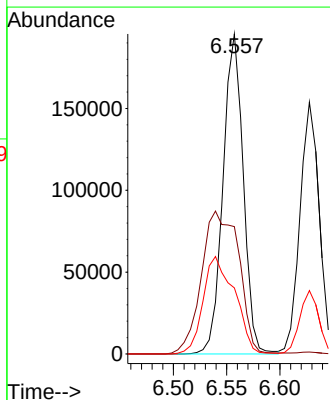
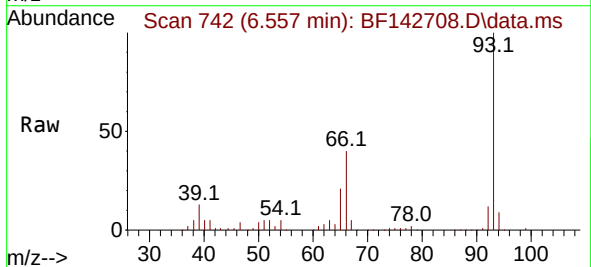
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

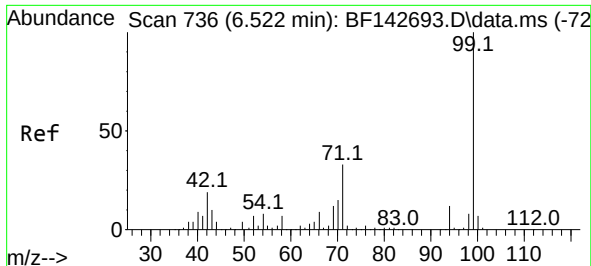
Tgt Ion:112 Resp: 347013
Ion Ratio Lower Upper
112 100
64 58.0 46.9 70.3
63 31.0 24.3 36.5



#6
Aniline
Concen: 38.546 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion: 93 Resp: 258265
Ion Ratio Lower Upper
93 100
66 39.8 32.8 49.2
65 20.7 16.4 24.6

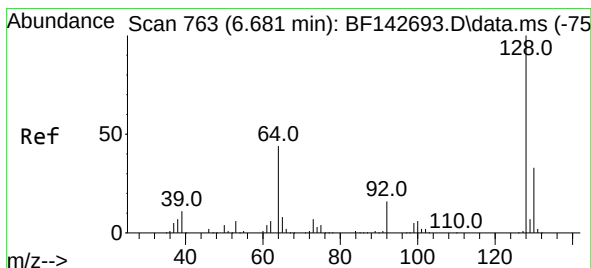
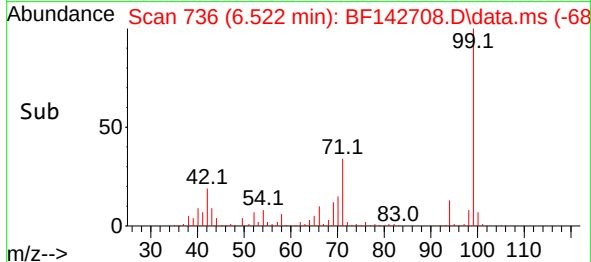
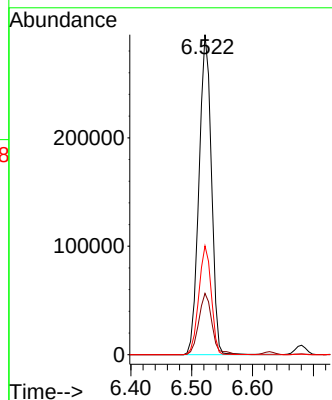
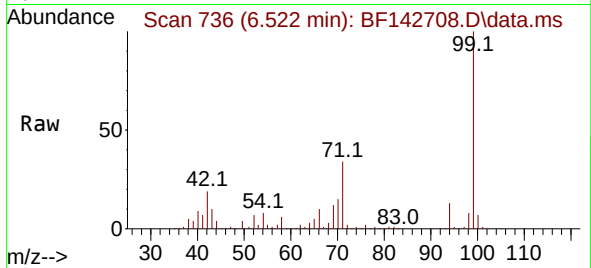




#7
Phenol-d6
Concen: 83.891 ng
RT: 6.522 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

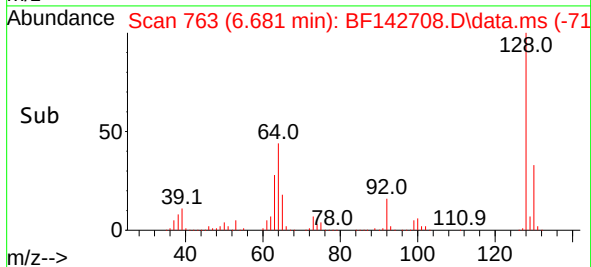
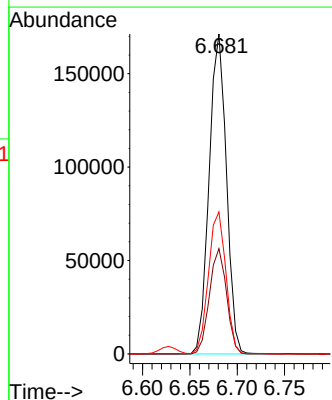
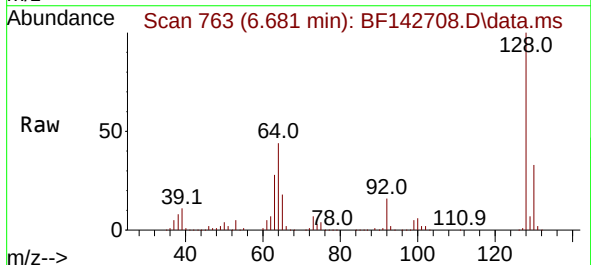
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

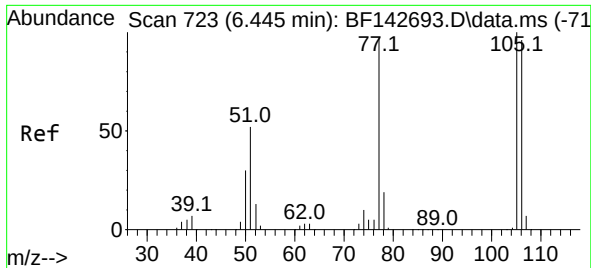
Tgt Ion: 99 Resp: 418658
Ion Ratio Lower Upper
99 100
42 19.1 15.3 22.9
71 34.0 26.3 39.5



#8
2-Chlorophenol
Concen: 46.885 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion: 128 Resp: 217686
Ion Ratio Lower Upper
128 100
130 32.9 13.3 53.3
64 44.4 25.4 65.4



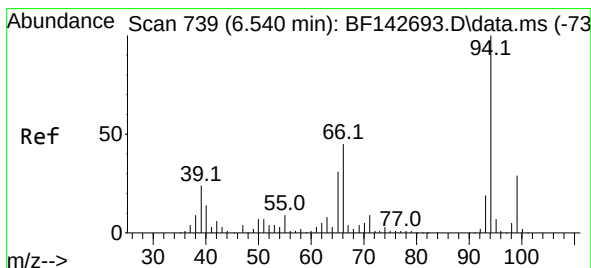
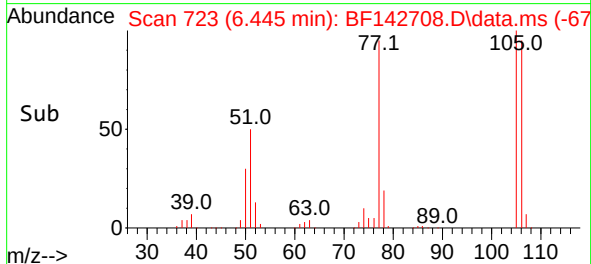
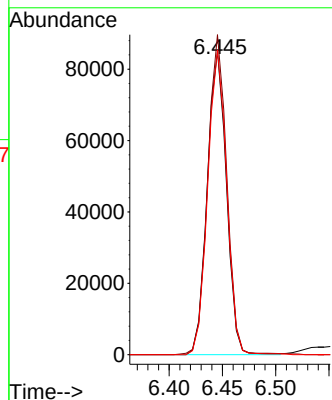
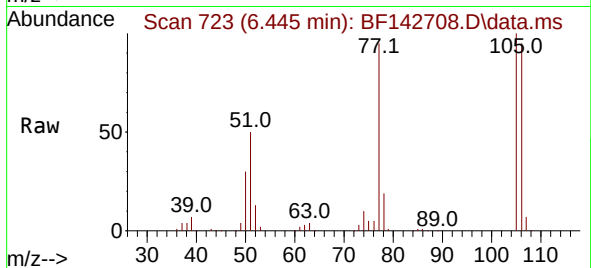


#9
Benzaldehyde
Concen: 37.727 ng
RT: 6.445 min Scan# 723
Delta R.T. -0.000 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion: 77 Resp: 106141

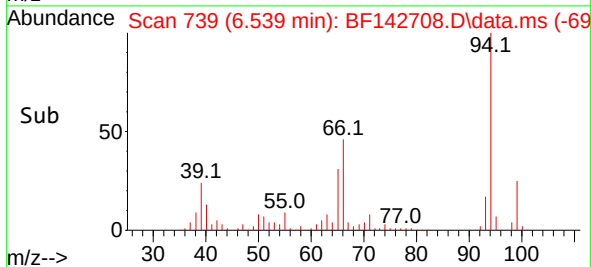
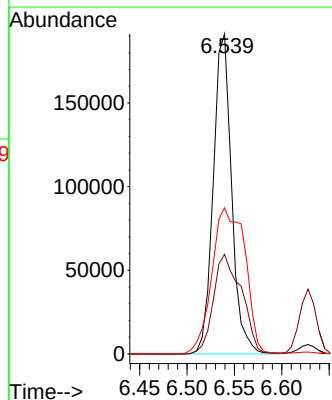
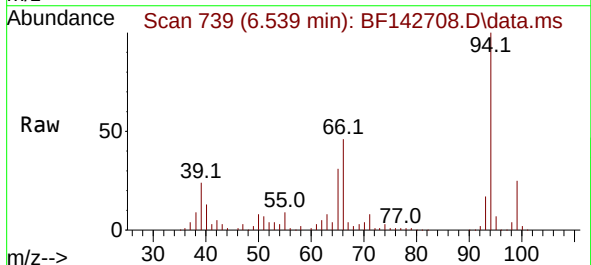
Ion	Ratio	Lower	Upper
77	100		
105	105.4	83.2	123.2
106	100.2	78.7	118.7

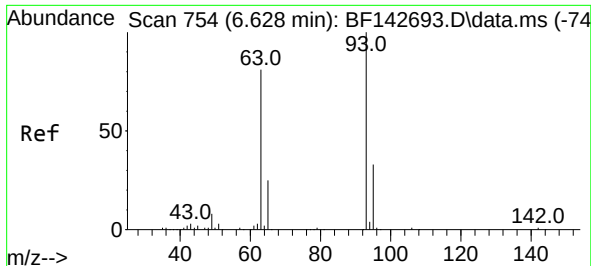


#10
Phenol
Concen: 46.109 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion: 94 Resp: 257673

Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.0	51.0
66	45.6	24.9	64.9

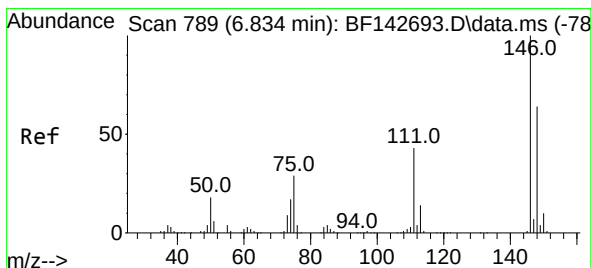
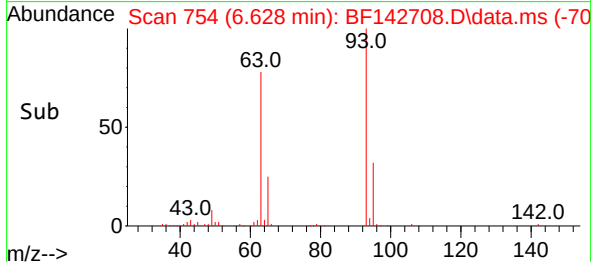
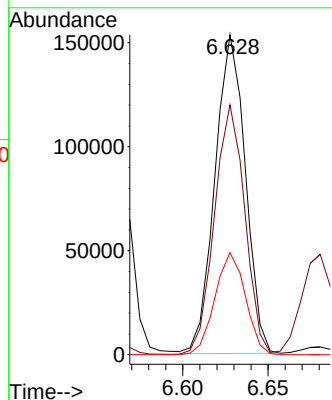
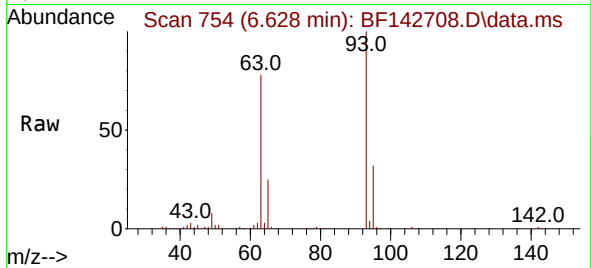




#11
bis(2-Chloroethyl)ether
Concen: 46.751 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

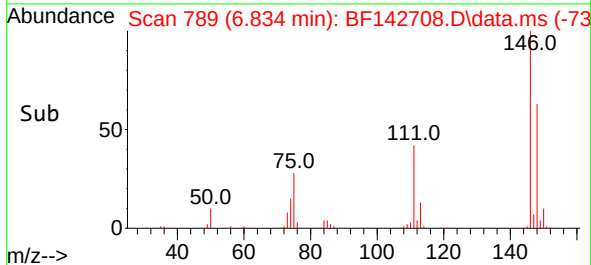
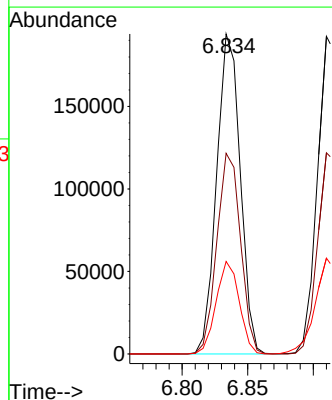
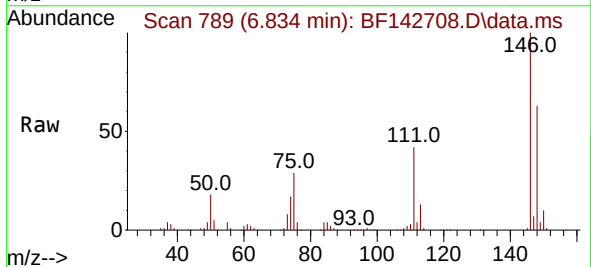
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

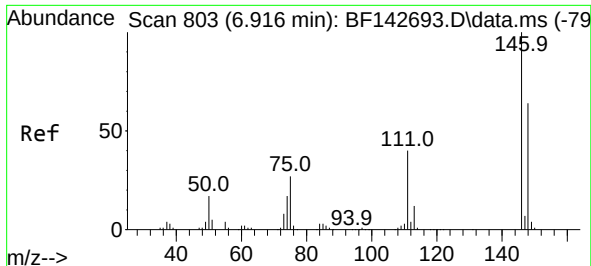
Tgt Ion: 93 Resp: 190336
Ion Ratio Lower Upper
93 100
63 78.1 60.0 100.0
95 31.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.591 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:146 Resp: 242260
Ion Ratio Lower Upper
146 100
148 62.7 51.4 77.2
75 28.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 45.759 ng

RT: 6.910 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

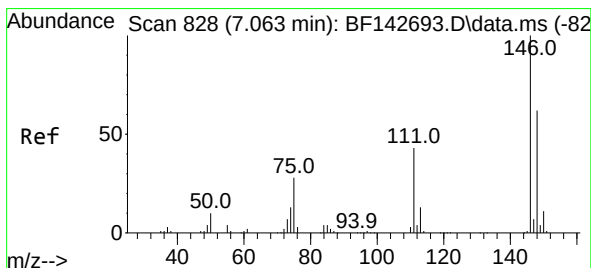
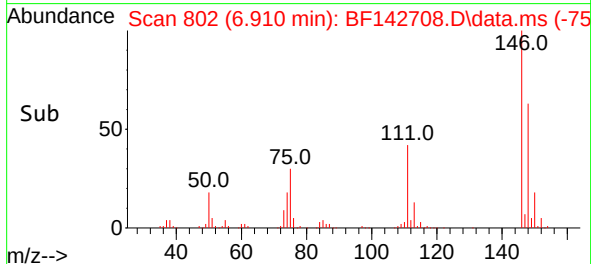
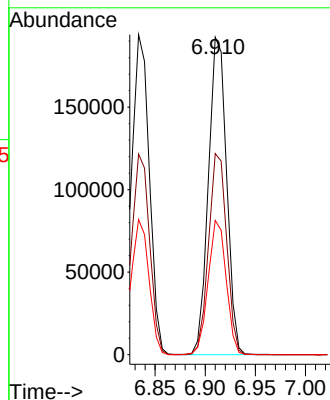
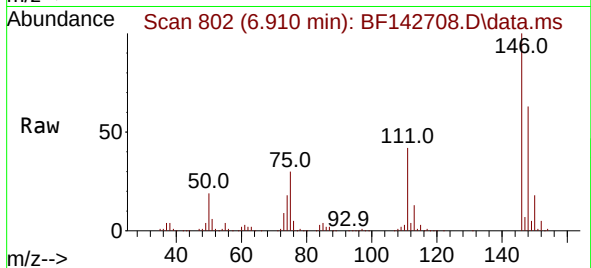
Tgt Ion:146 Resp: 243281

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

111 42.3 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 46.341 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

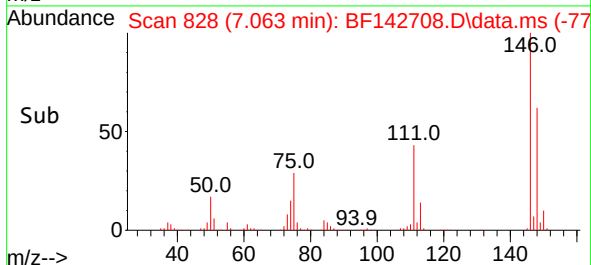
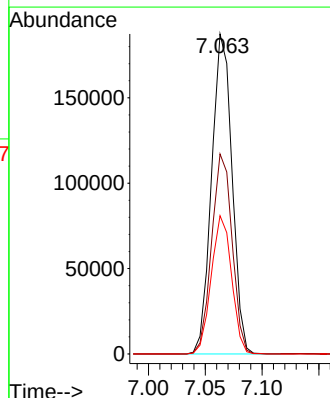
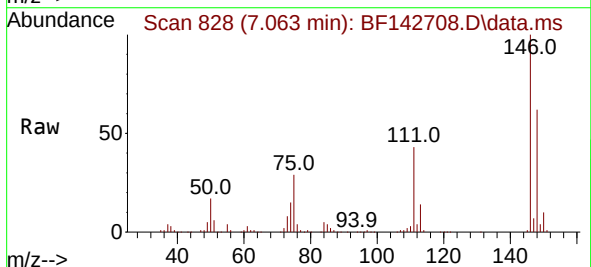
Tgt Ion:146 Resp: 234915

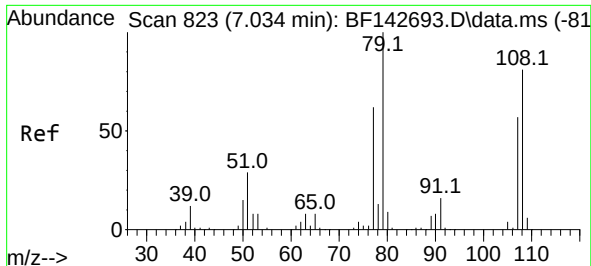
Ion Ratio Lower Upper

146 100

148 62.5 49.3 73.9

111 43.2 34.1 51.1

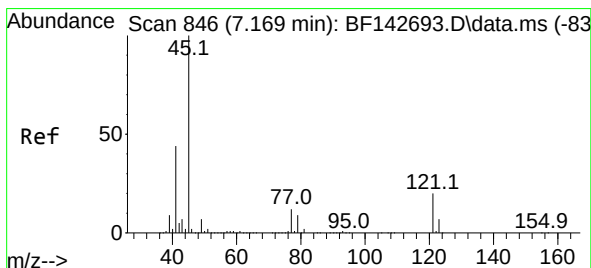
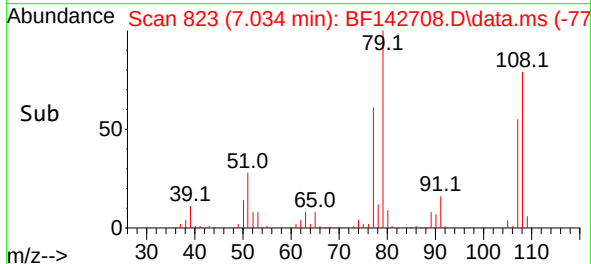
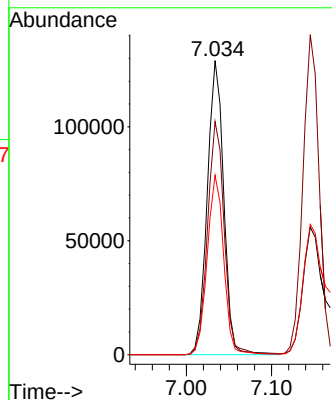
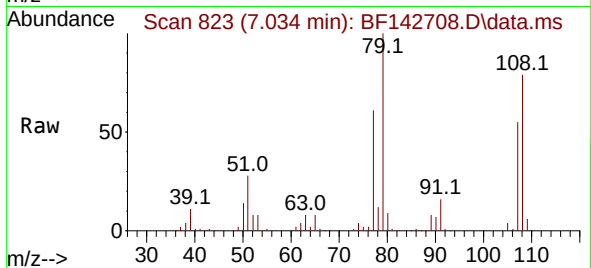




#15
Benzyl Alcohol
Concen: 47.449 ng
RT: 7.034 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

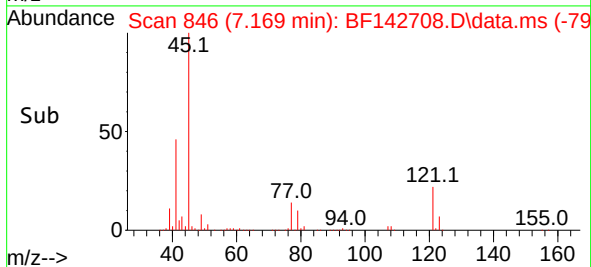
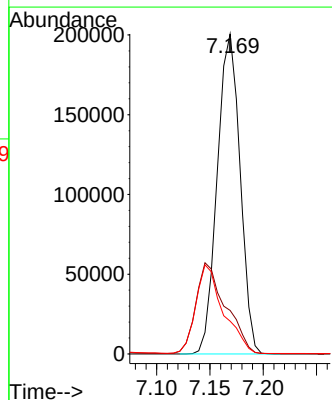
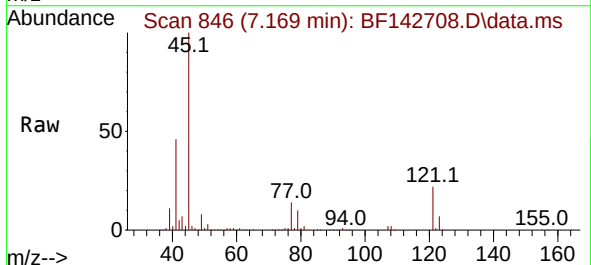
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

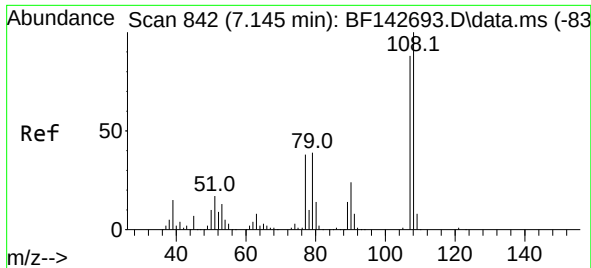
Tgt Ion: 79 Resp: 173213
Ion Ratio Lower Upper
79 100
108 79.3 64.8 97.2
77 61.0 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.024 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion: 45 Resp: 298489
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.8
79 10.3 0.0 30.3

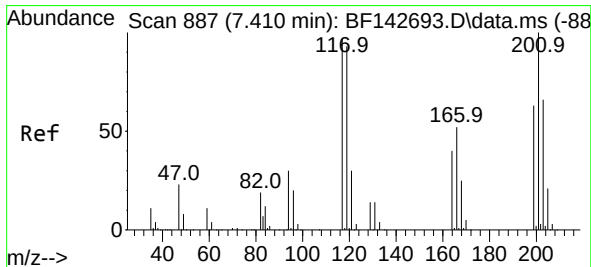
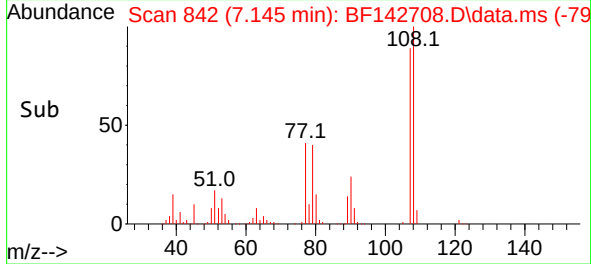
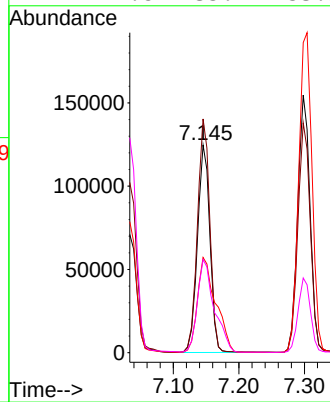
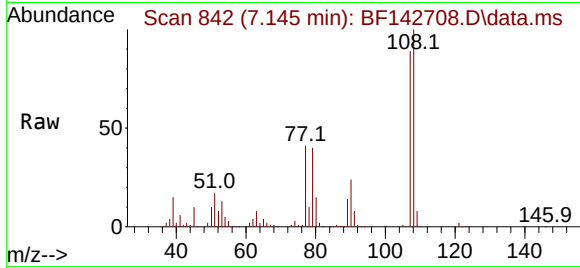




#17
2-Methylphenol
Concen: 46.421 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

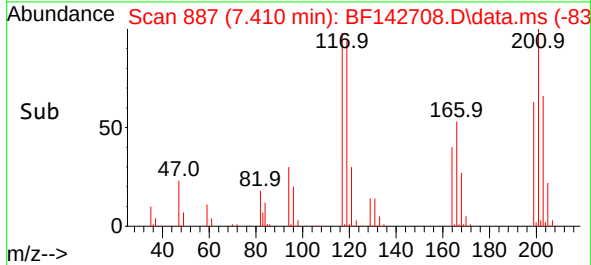
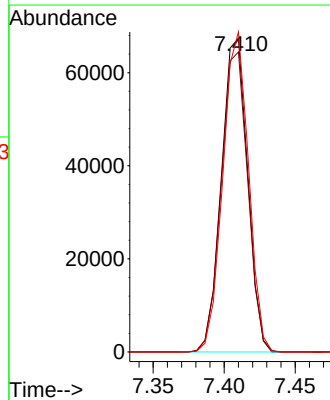
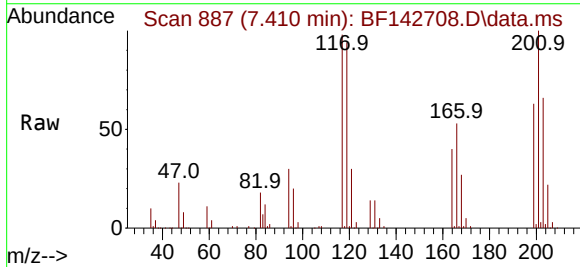
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

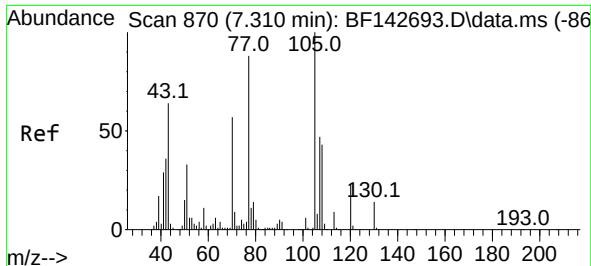
Tgt Ion:	107	Resp:	165270
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.0	136.4
77	45.8	34.9	52.3
79	44.8	35.7	53.5



#18
Hexachloroethane
Concen: 47.494 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:	117	Resp:	86749
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.1	115.7
201	102.0	82.6	123.8

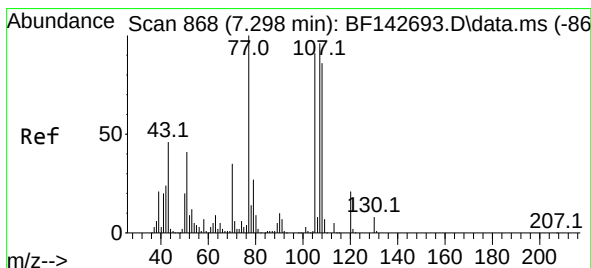
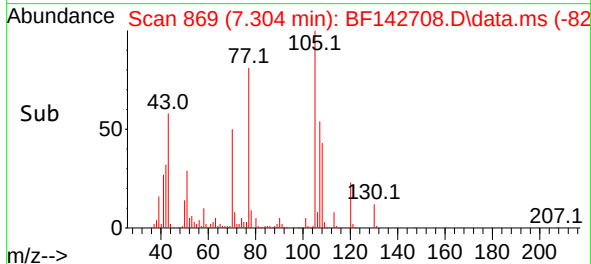
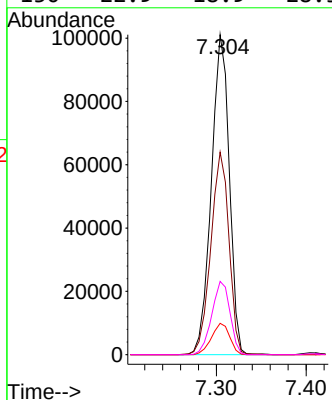
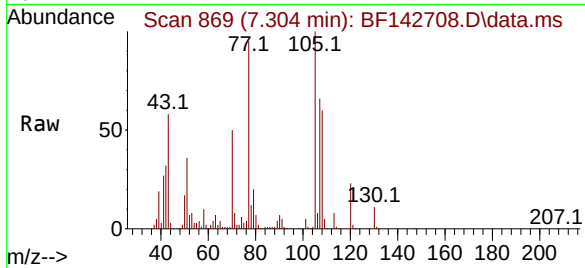




#19
n-Nitroso-di-n-propylamine
Concen: 47.961 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

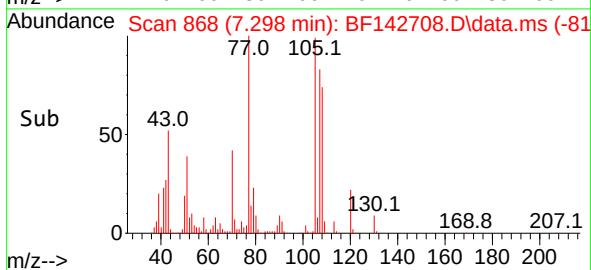
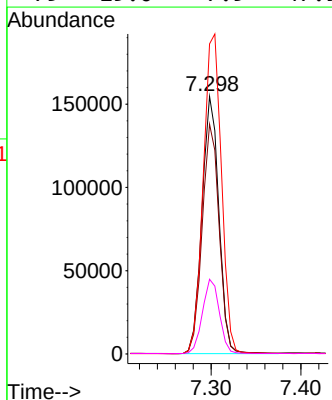
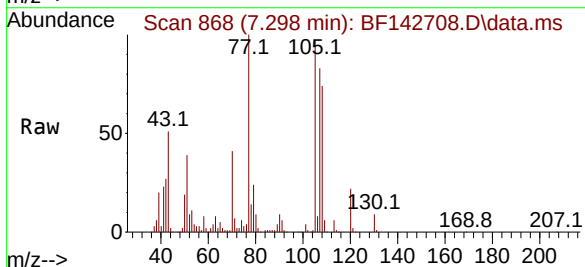
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

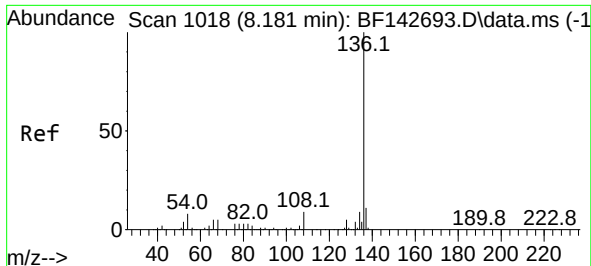
Tgt Ion:	70	Resp:	140306
Ion	Ratio	Lower	Upper
70	100		
42	63.3	50.1	75.1
101	9.8	8.1	12.1
130	22.9	18.9	28.3



#20
3+4-Methylphenols
Concen: 46.075 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:	107	Resp:	202021
Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.5	109.5
77	120.3	83.6	123.6
79	29.0	7.9	47.9

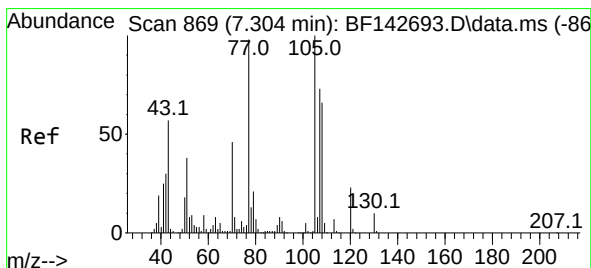
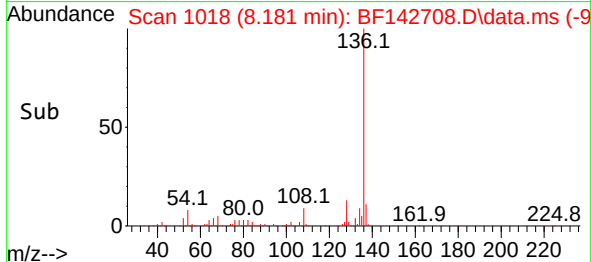
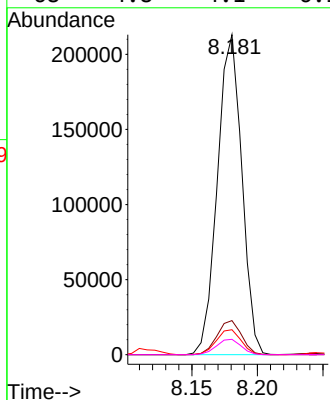
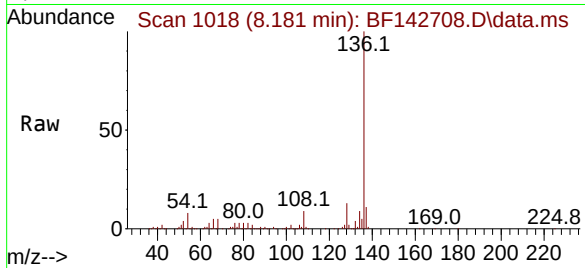




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

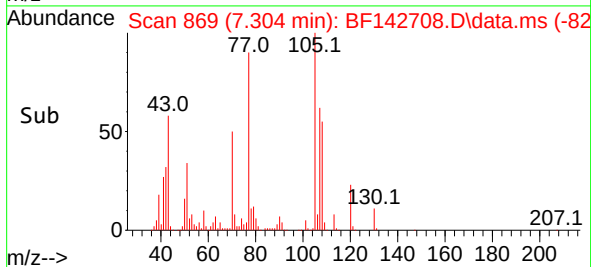
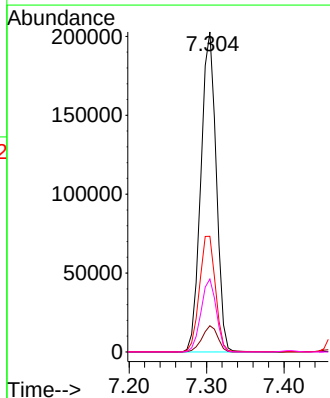
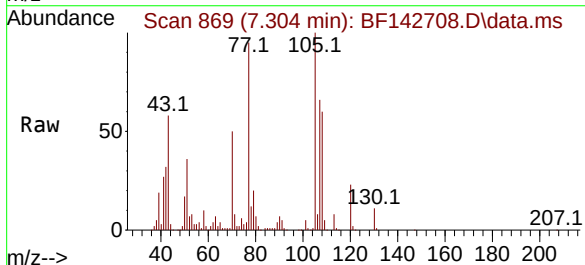
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

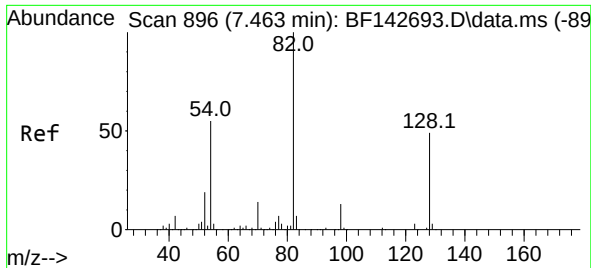
Tgt Ion:136 Resp: 275500
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.8 6.4 9.6
68 4.8 4.1 6.1



#22
Acetophenone
Concen: 46.288 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:105 Resp: 278764
Ion Ratio Lower Upper
105 100
71 8.2 6.2 9.2
51 36.1 30.8 46.2
120 22.8 18.5 27.7

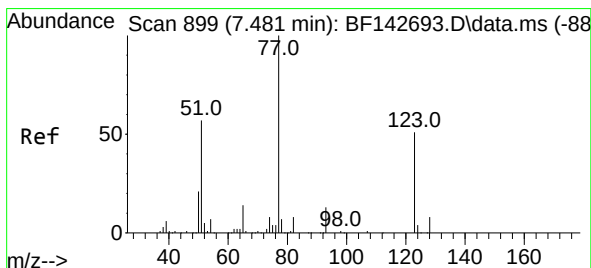
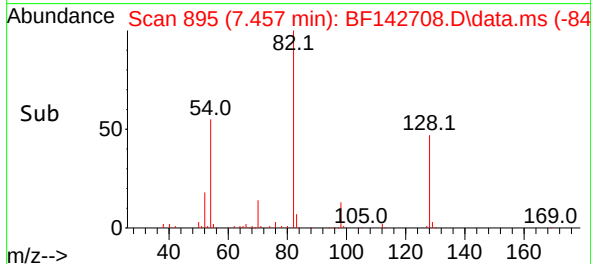
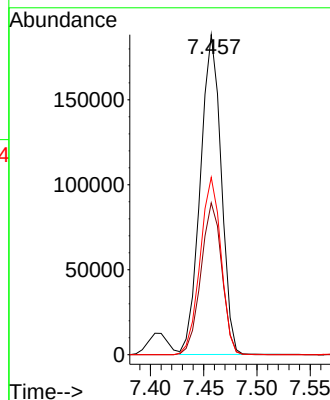
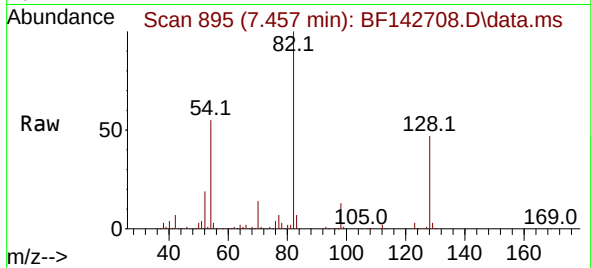




#23
Nitrobenzene-d5
Concen: 51.238 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

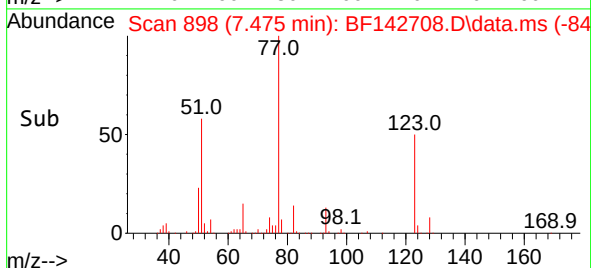
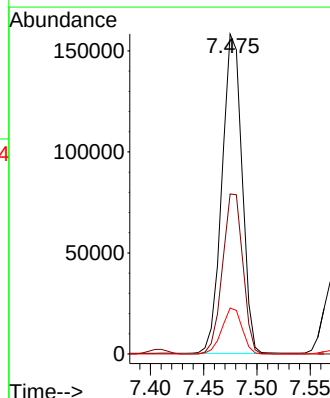
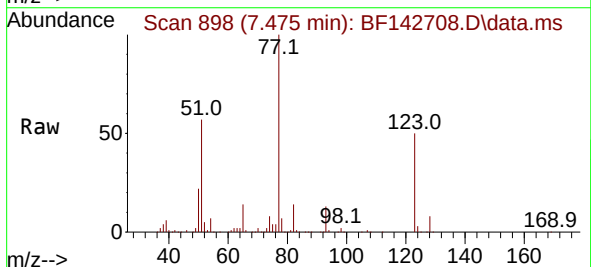
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

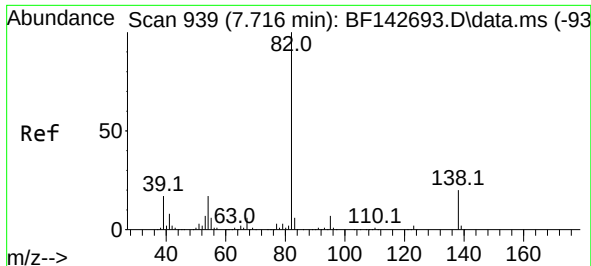
Tgt Ion: 82 Resp: 256857
Ion Ratio Lower Upper
82 100
128 47.5 39.3 58.9
54 55.4 44.2 66.2



#24
Nitrobenzene
Concen: 45.583 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion: 77 Resp: 206081
Ion Ratio Lower Upper
77 100
123 50.0 41.3 61.9
65 14.3 11.2 16.8

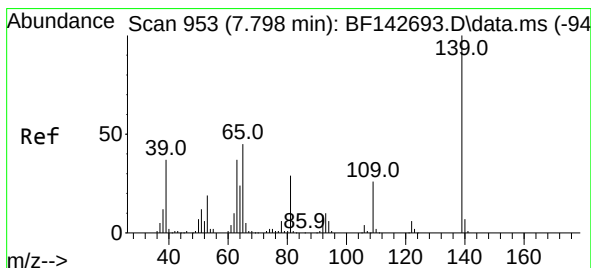
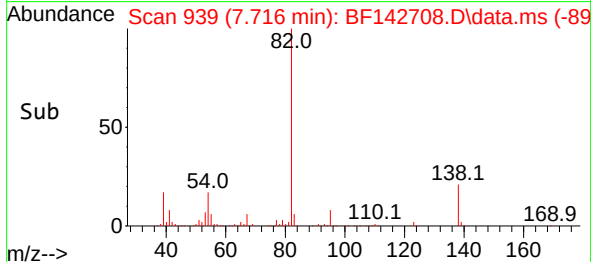
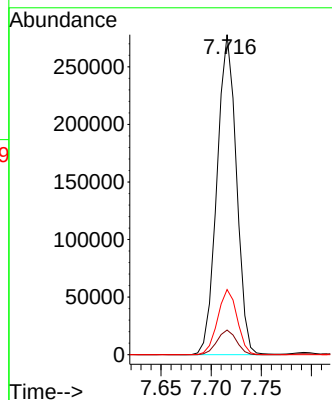
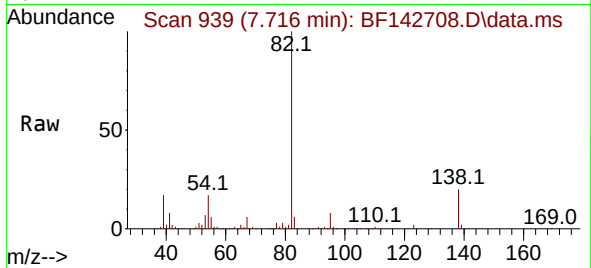




#25
Isophorone
Concen: 46.159 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

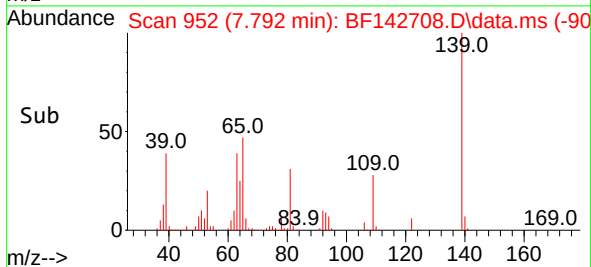
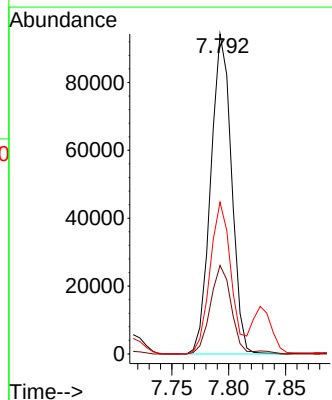
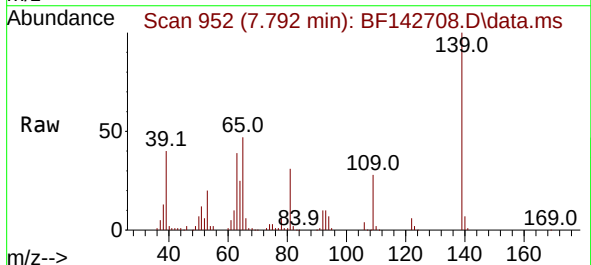
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

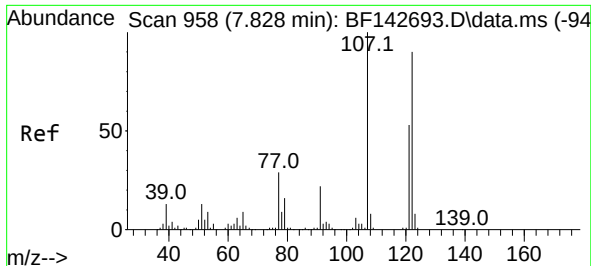
Tgt Ion: 82 Resp: 375420
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 20.4 16.1 24.1



#26
2-Nitrophenol
Concen: 48.019 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:139 Resp: 119751
Ion Ratio Lower Upper
139 100
109 27.6 21.0 31.6
65 47.5 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 45.463 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

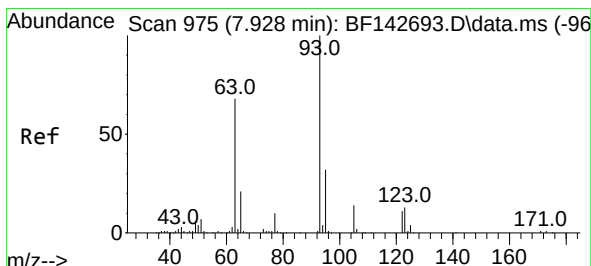
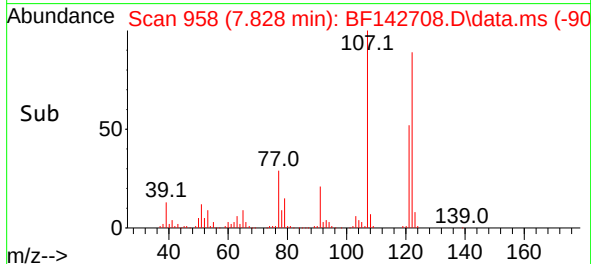
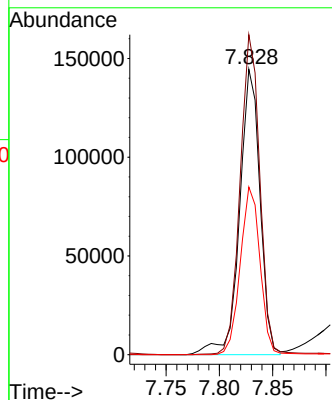
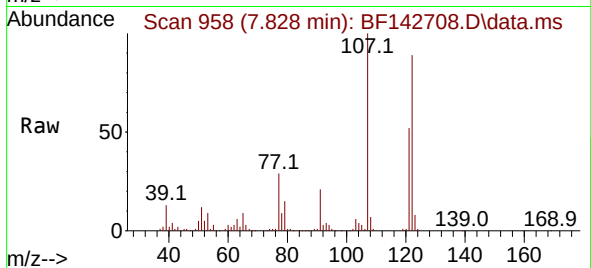
Tgt Ion:122 Resp: 192684

Ion Ratio Lower Upper

122 100

107 112.1 89.4 134.2

121 58.8 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 46.681 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

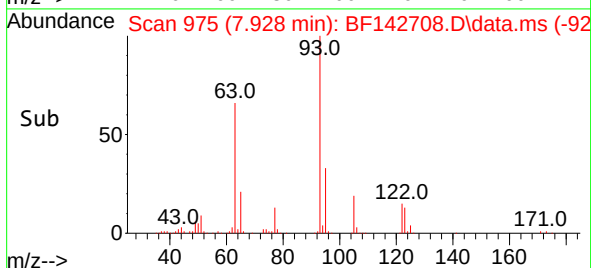
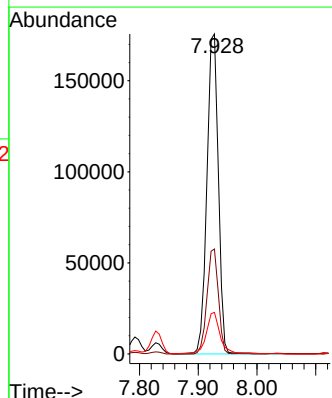
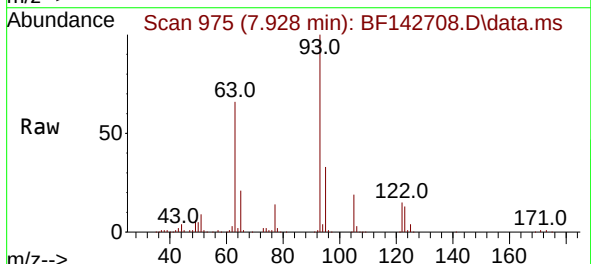
Tgt Ion: 93 Resp: 238129

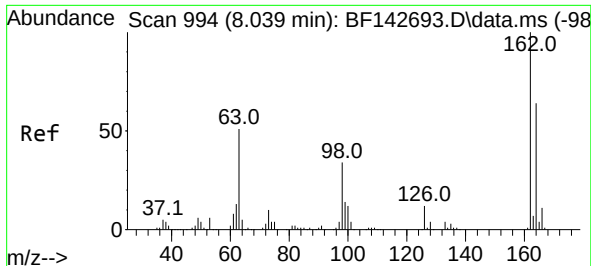
Ion Ratio Lower Upper

93 100

95 32.8 25.4 38.2

123 13.0 10.5 15.7





#29

2,4-Dichlorophenol

Concen: 46.031 ng

RT: 8.033 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

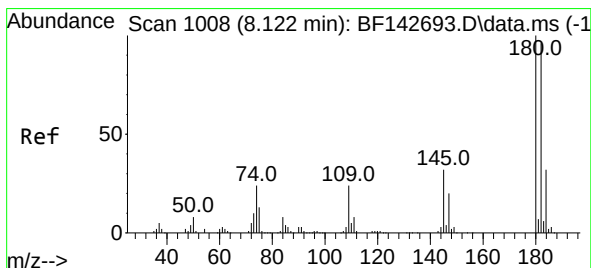
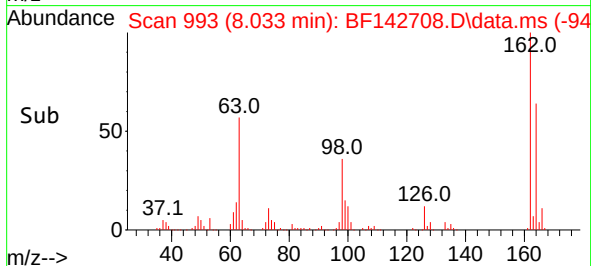
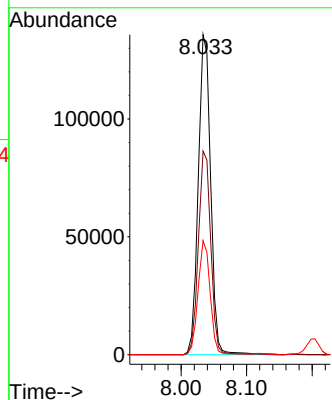
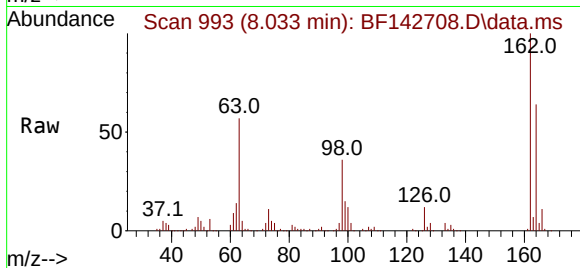
Tgt Ion:162 Resp: 178727

Ion Ratio Lower Upper

162 100

164 63.6 44.0 84.0

98 35.6 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.909 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

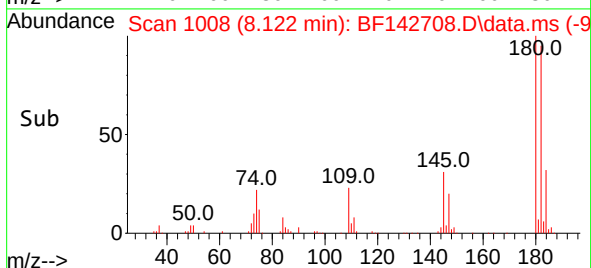
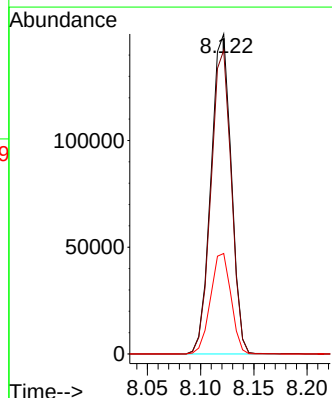
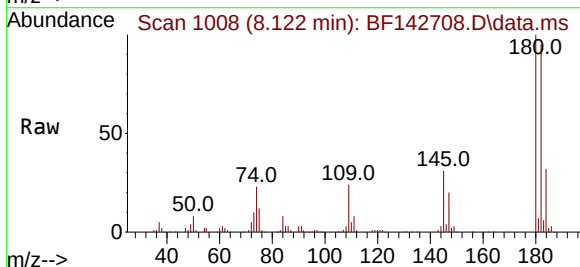
Tgt Ion:180 Resp: 198673

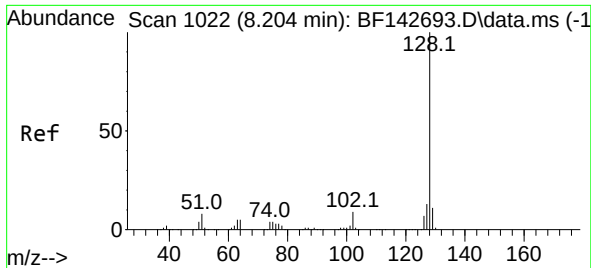
Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

145 31.4 25.4 38.0

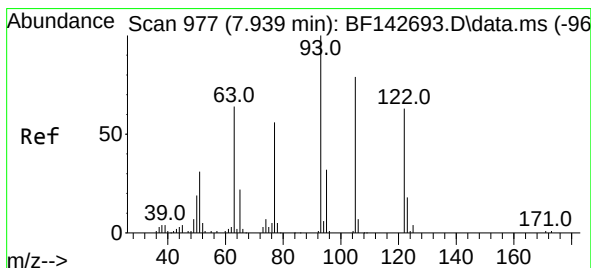
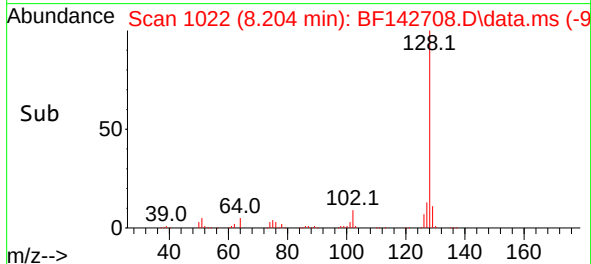
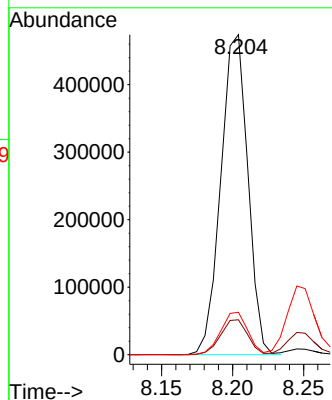
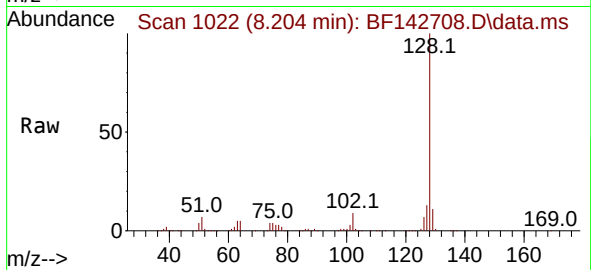




#31
Naphthalene
Concen: 46.304 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

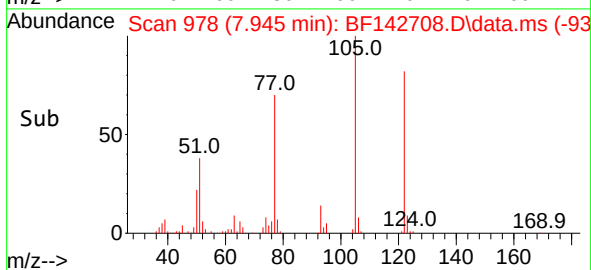
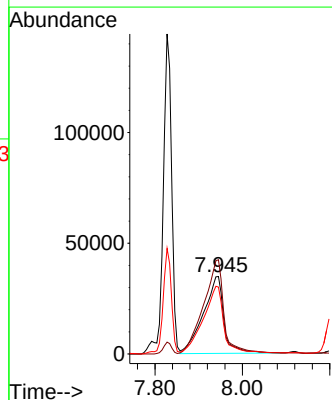
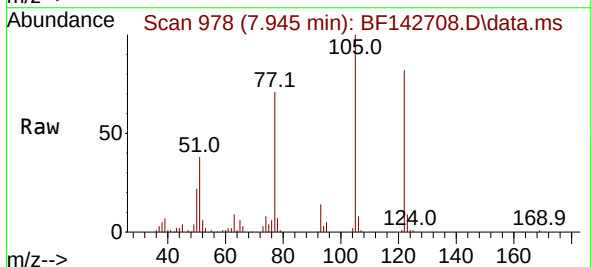
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

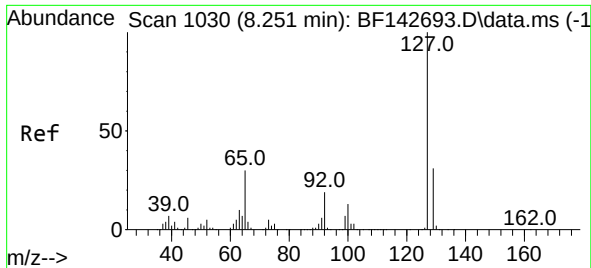
Tgt Ion:128 Resp: 628617
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 44.432 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.035 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:122 Resp: 114197
Ion Ratio Lower Upper
122 100
105 121.6 100.3 140.3
77 86.4 67.9 107.9

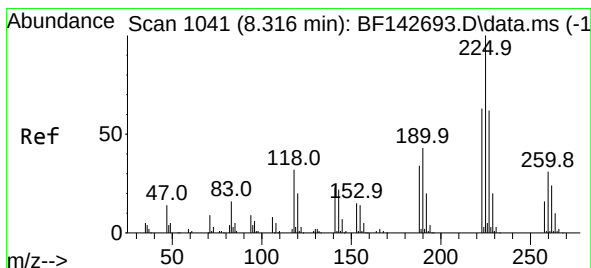
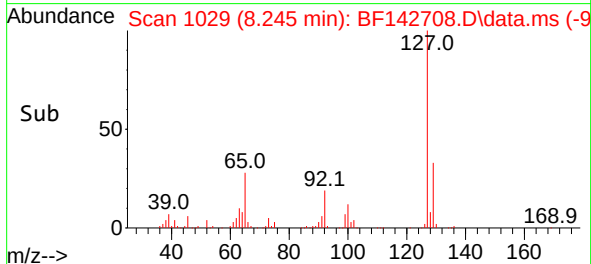
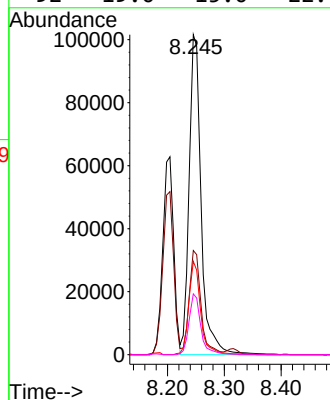
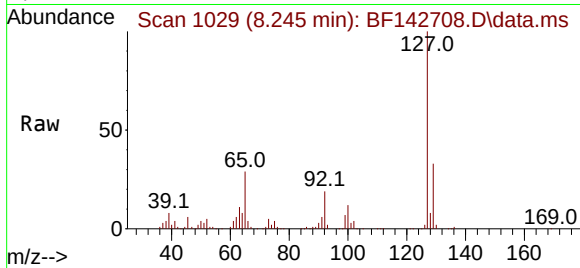




#33
4-Chloroaniline
Concen: 26.913 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

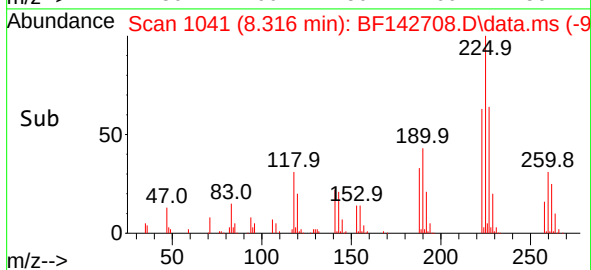
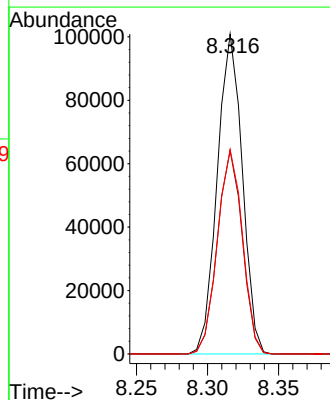
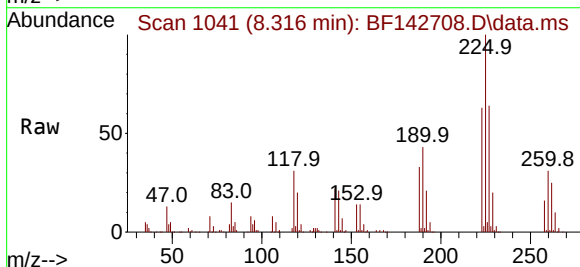
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

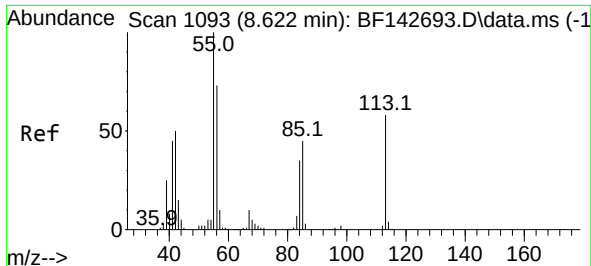
Tgt Ion:	127	Resp:	150212
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	29.1	23.8	35.6
92	19.0	15.0	22.4



#34
Hexachlorobutadiene
Concen: 47.410 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:	225	Resp:	123664
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.7	76.1
227	63.9	49.8	74.8

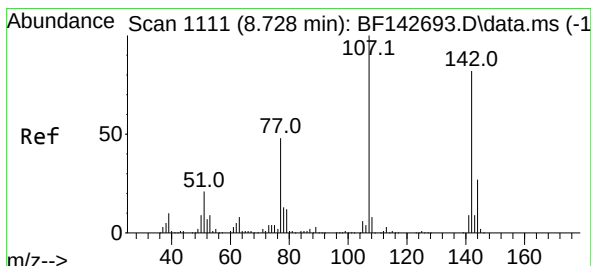
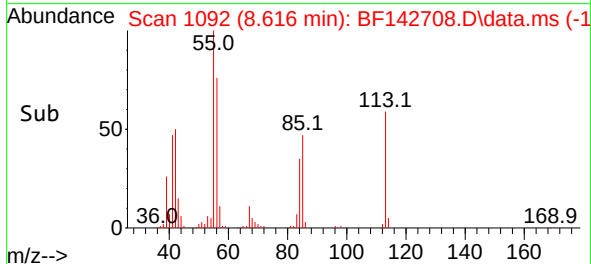
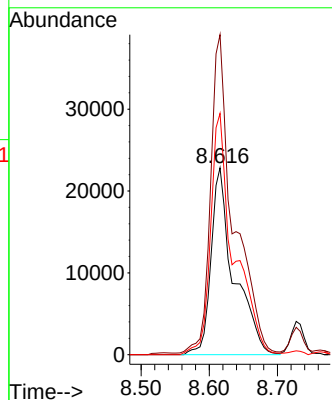
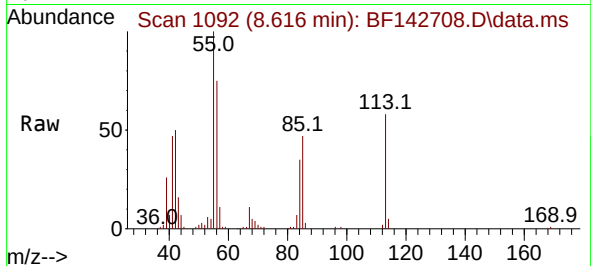




#35
 Caprolactam
 Concen: 44.804 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.030 min
 Lab File: BF142708.D
 Acq: 10 Jun 2025 13:10

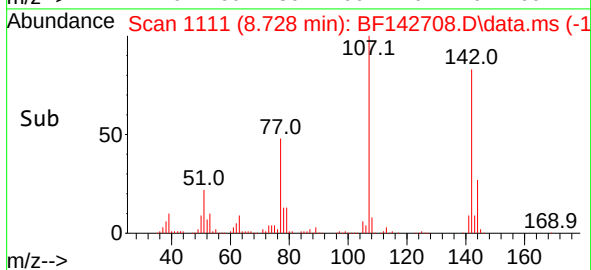
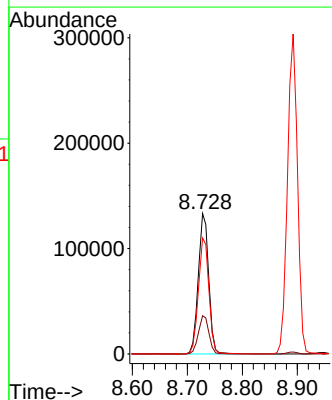
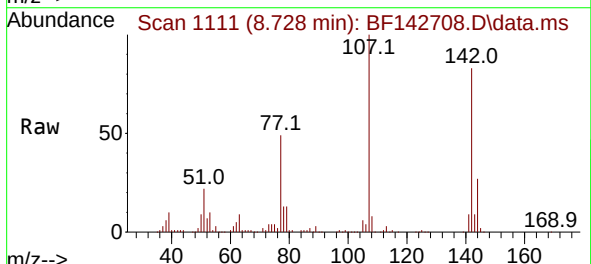
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

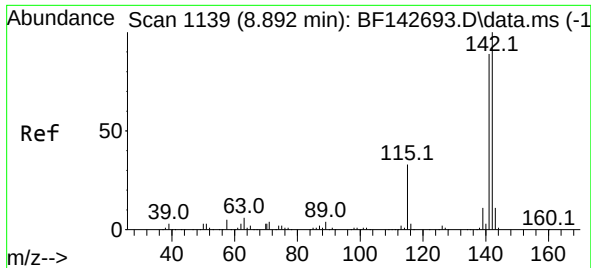
Tgt Ion:113 Resp: 53432
 Ion Ratio Lower Upper
 113 100
 55 171.3 152.9 192.9
 56 129.1 106.6 146.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.067 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142708.D
 Acq: 10 Jun 2025 13:10

Tgt Ion:107 Resp: 176492
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.5 32.3
 142 82.6 65.5 98.3

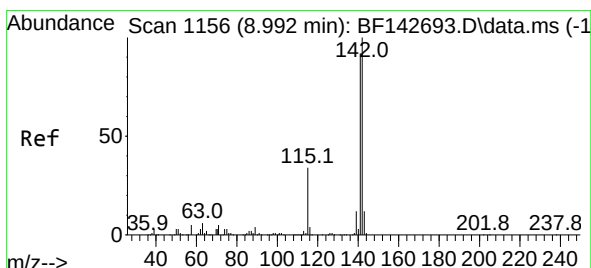
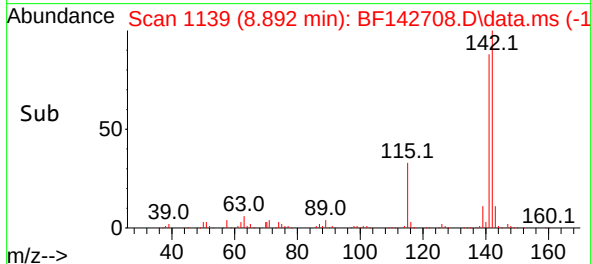
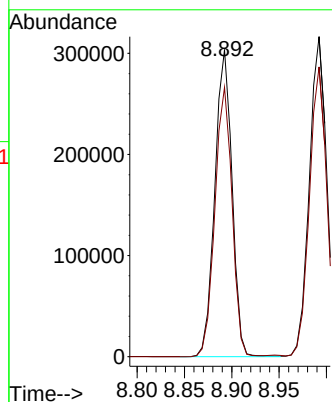
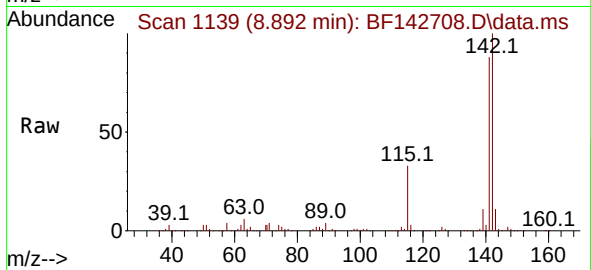




#37
2-Methylnaphthalene
Concen: 44.860 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

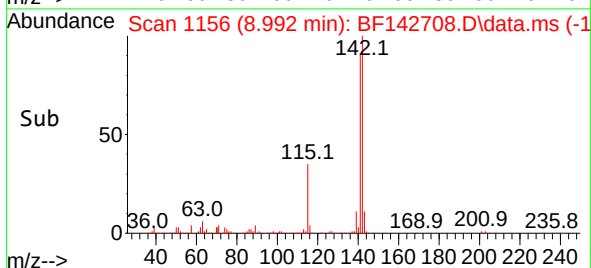
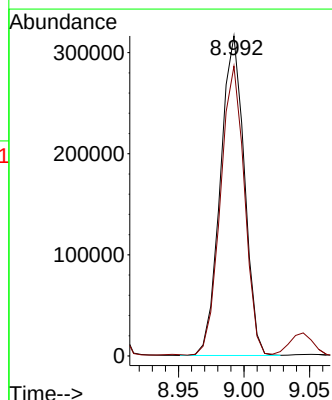
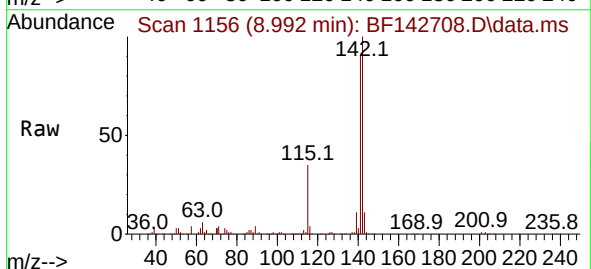
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

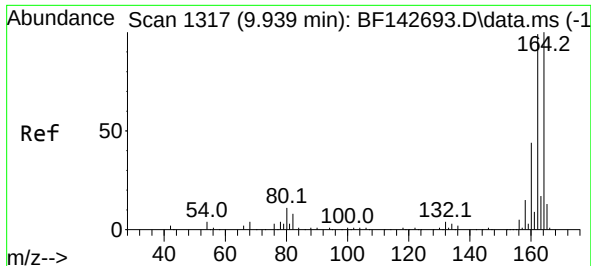
Tgt Ion:142 Resp: 383204
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2



#38
1-Methylnaphthalene
Concen: 45.421 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:142 Resp: 401791
Ion Ratio Lower Upper
142 100
141 90.6 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: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

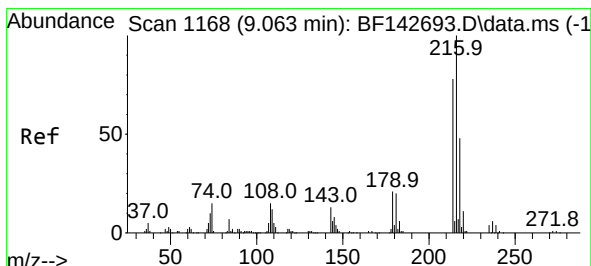
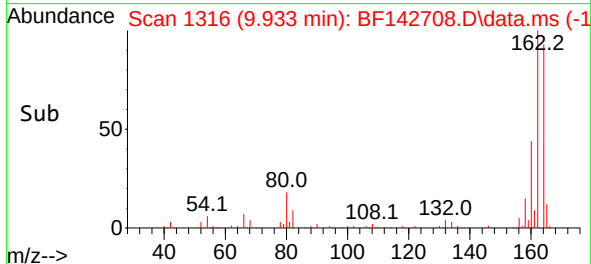
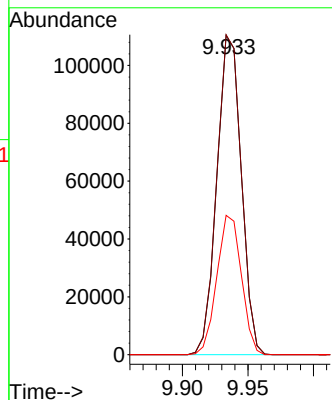
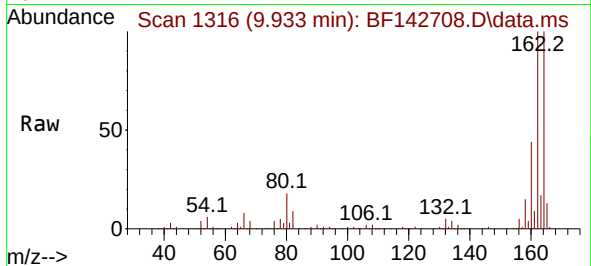
Tgt Ion:164 Resp: 142711

Ion Ratio Lower Upper

164 100

162 100.2 79.1 118.7

160 43.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.494 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Tgt Ion:216 Resp: 195877

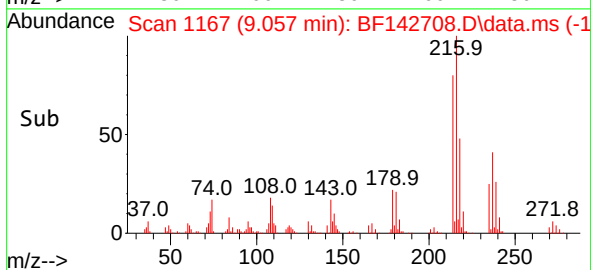
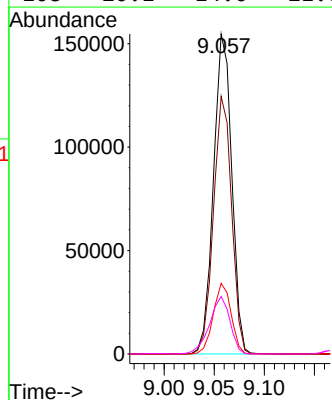
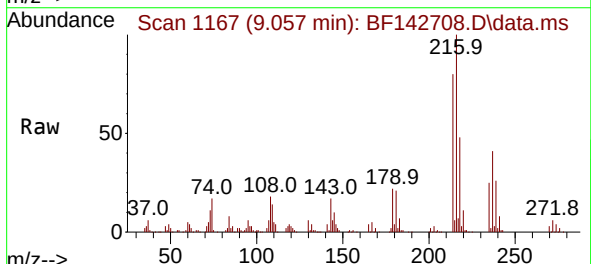
Ion Ratio Lower Upper

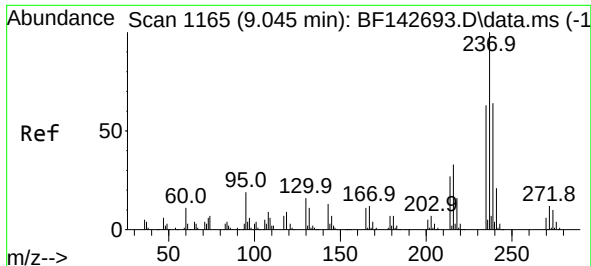
216 100

214 80.1 63.0 94.6

179 21.6 16.6 25.0

108 20.1 14.0 21.0

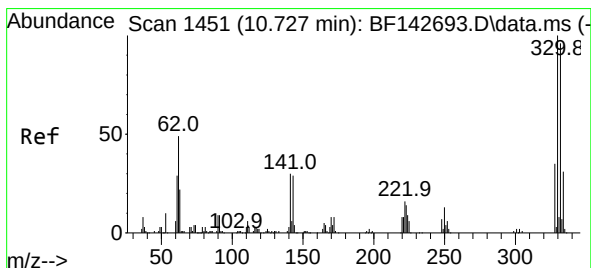
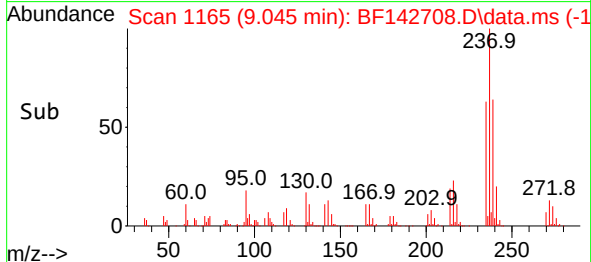
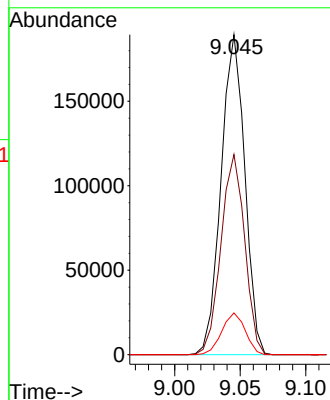
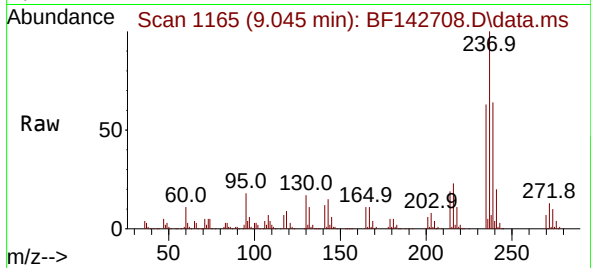




#41
Hexachlorocyclopentadiene
Concen: 98.159 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

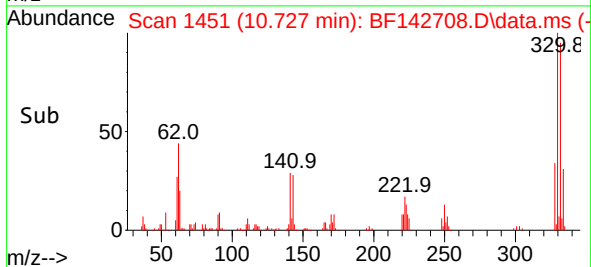
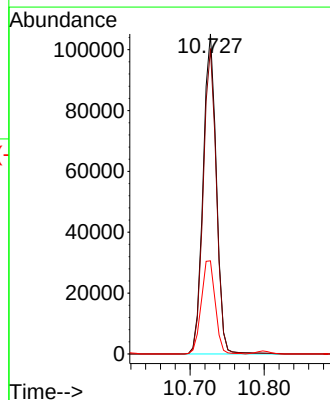
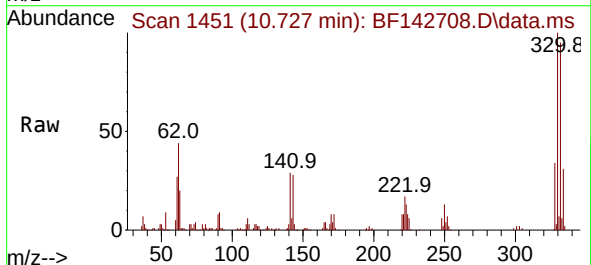
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

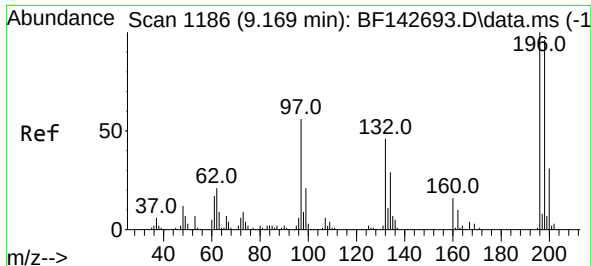
Tgt Ion:237 Resp: 237736
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 13.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 81.627 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:330 Resp: 130878
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 30.8 23.5 35.3

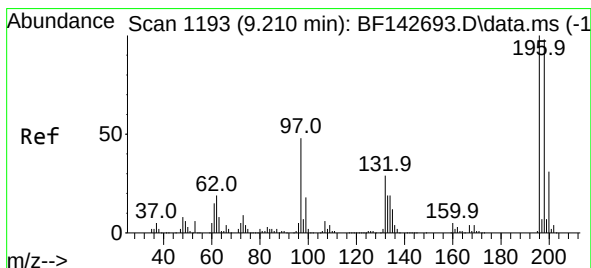
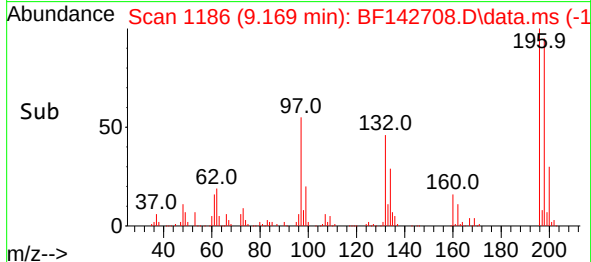
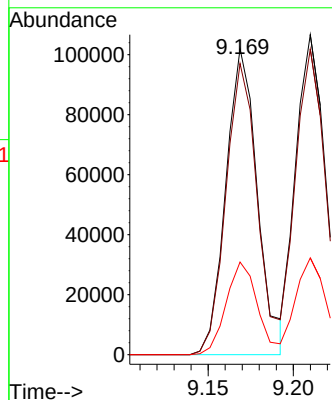
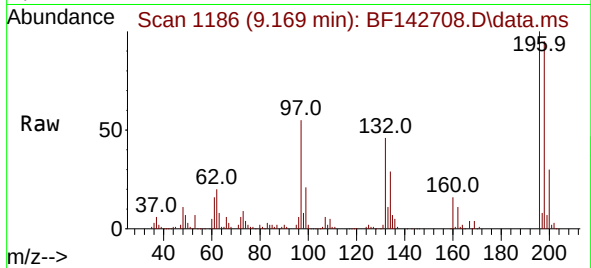




#43
2,4,6-Trichlorophenol
Concen: 48.400 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

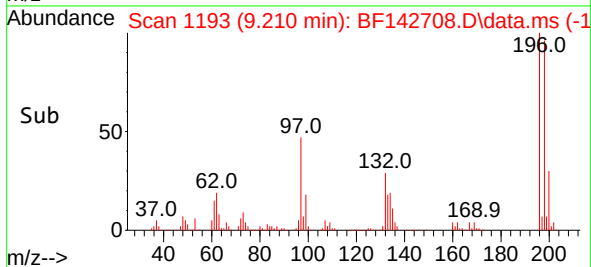
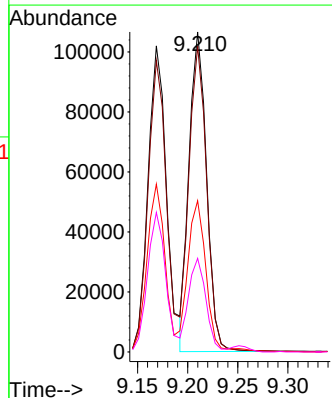
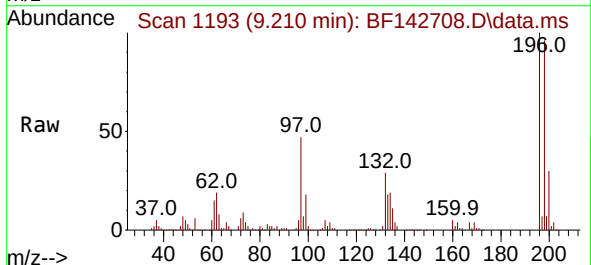
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

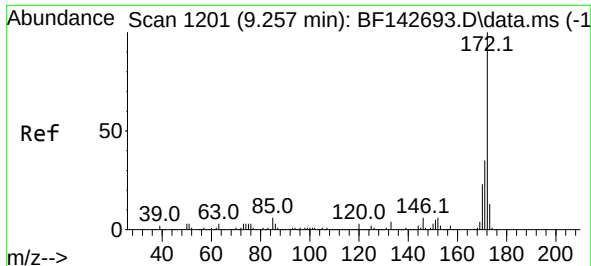
Tgt Ion:196 Resp: 130978
Ion Ratio Lower Upper
196 100
198 95.1 77.1 115.7
200 30.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 44.984 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:196 Resp: 130023
Ion Ratio Lower Upper
196 100
198 95.5 78.2 117.2
97 47.3 39.2 58.8
132 29.2 23.4 35.2

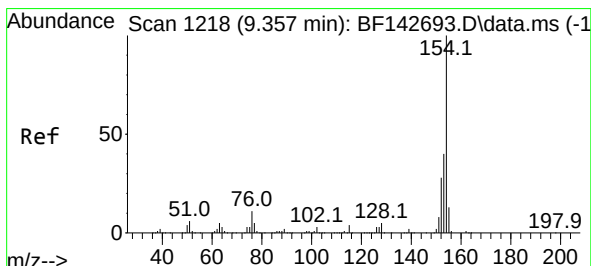
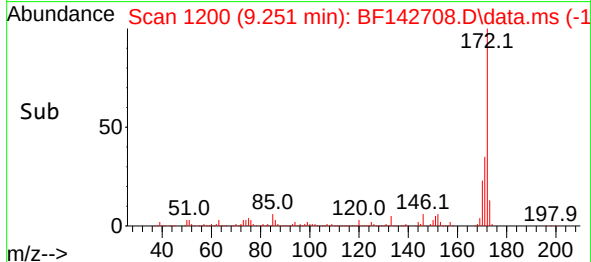
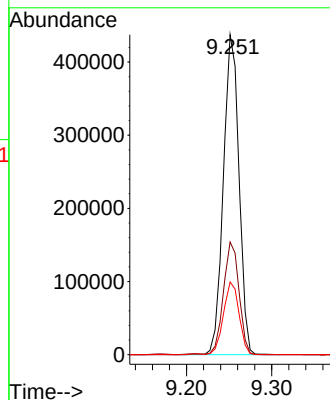
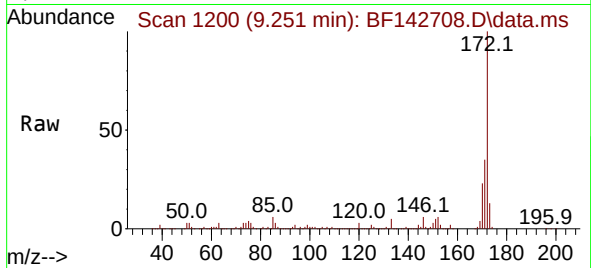




#45
2-Fluorobiphenyl
Concen: 53.332 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

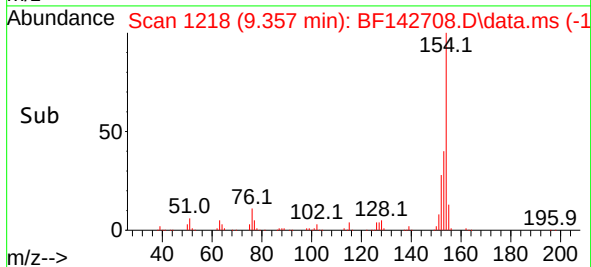
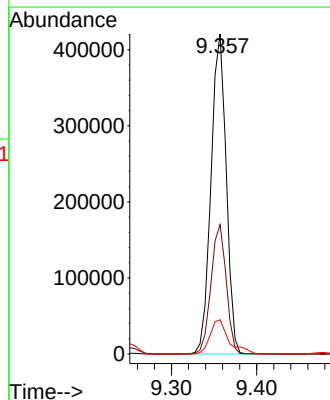
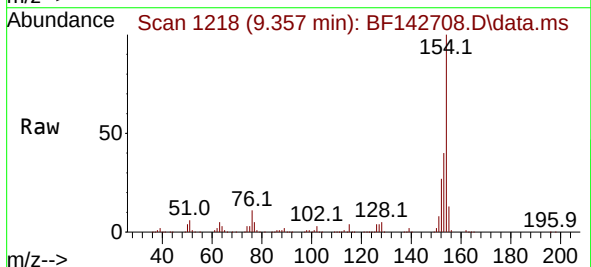
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

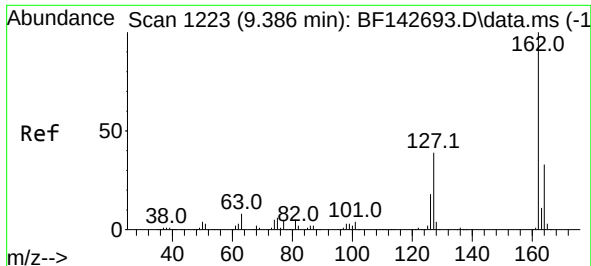
Tgt Ion:172 Resp: 556539
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.7 18.7 28.1



#46
1,1'-Biphenyl
Concen: 47.125 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:154 Resp: 522957
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 10.7 0.0 31.4





#47

2-Chloronaphthalene

Concen: 46.200 ng

RT: 9.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

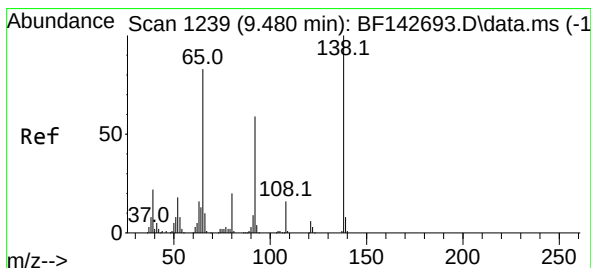
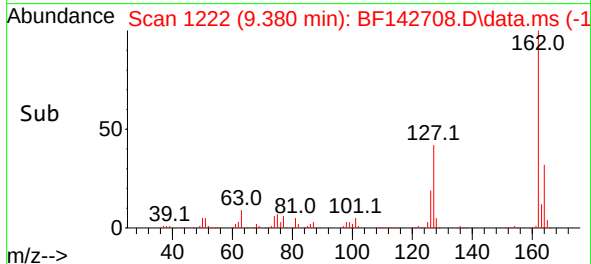
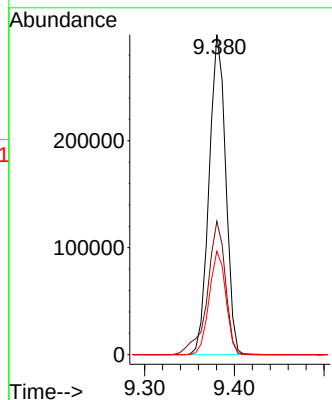
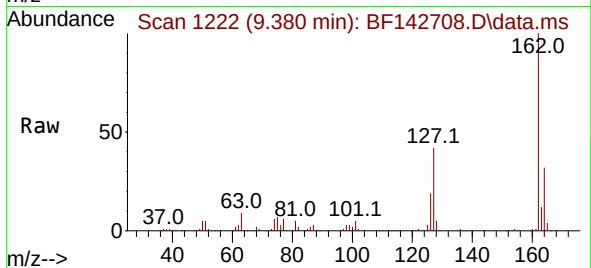
Tgt Ion:162 Resp: 384142

Ion Ratio Lower Upper

162 100

127 41.7 31.7 47.5

164 32.3 26.2 39.4



#48

2-Nitroaniline

Concen: 44.484 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.012 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

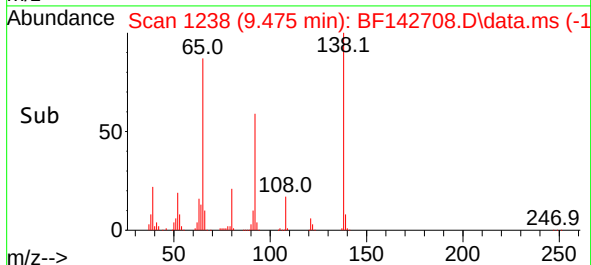
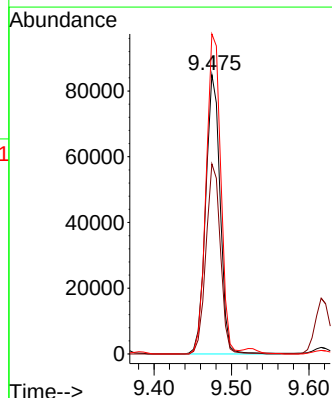
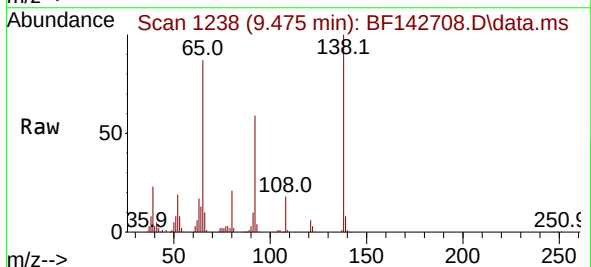
Tgt Ion: 65 Resp: 110067

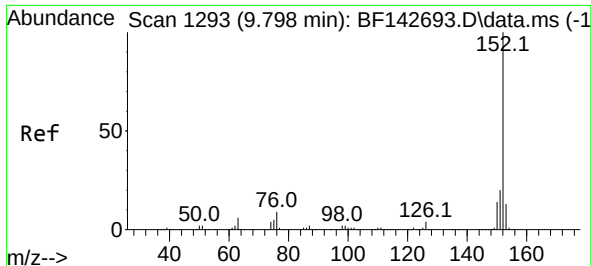
Ion Ratio Lower Upper

65 100

92 68.0 56.3 84.5

138 114.5 95.9 143.9

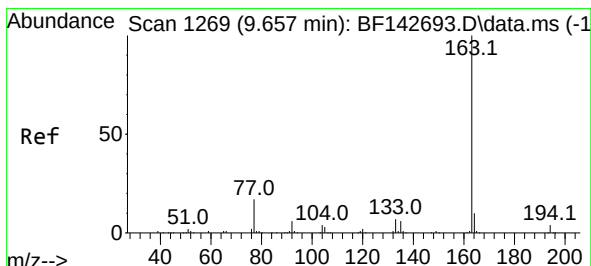
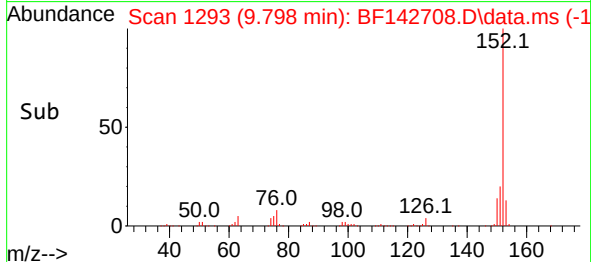
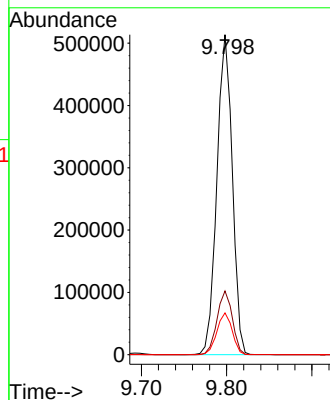
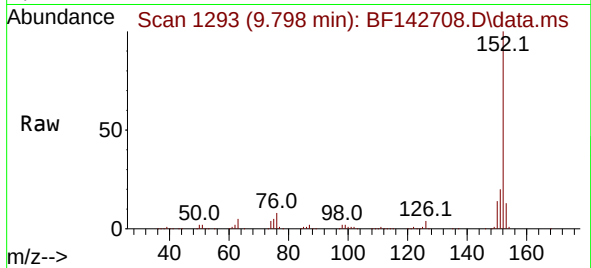




#49
Acenaphthylene
Concen: 46.788 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

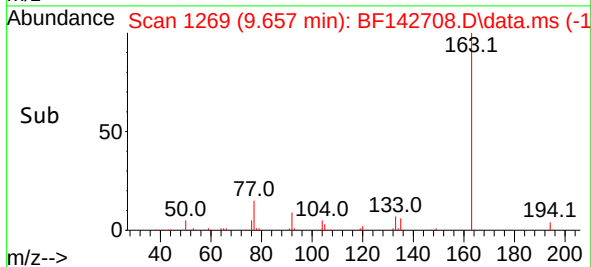
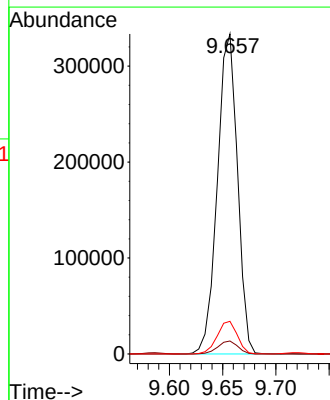
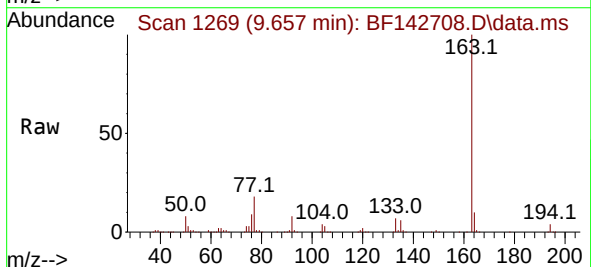
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

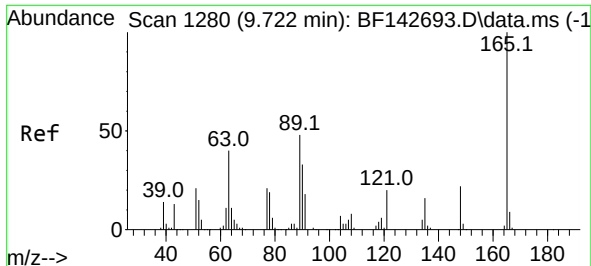
Tgt Ion:152 Resp: 644772
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 45.471 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:163 Resp: 436604
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.1 12.1

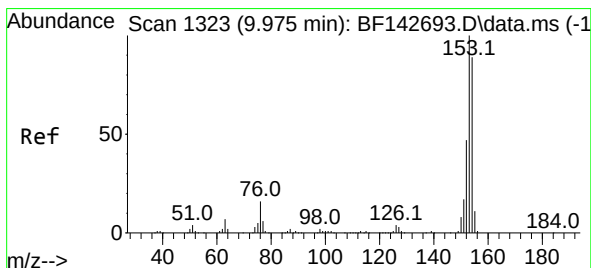
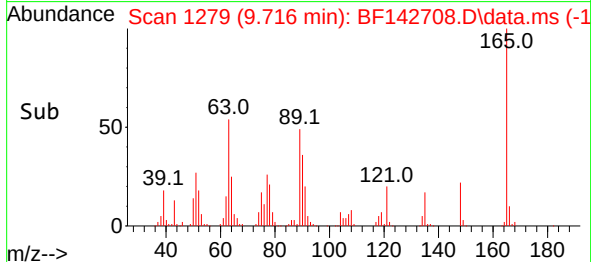
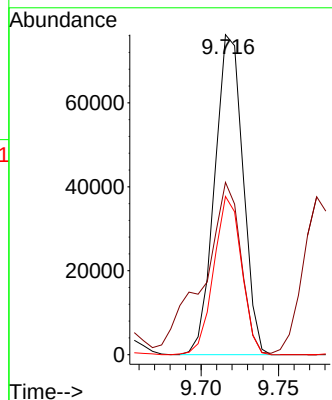
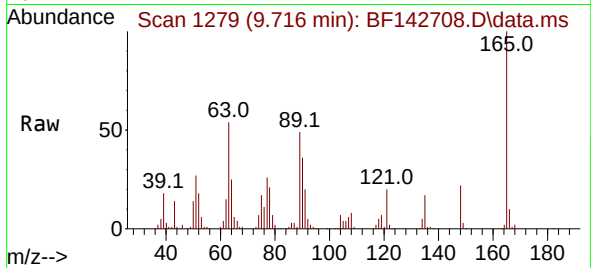




#51
2,6-Dinitrotoluene
Concen: 46.703 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

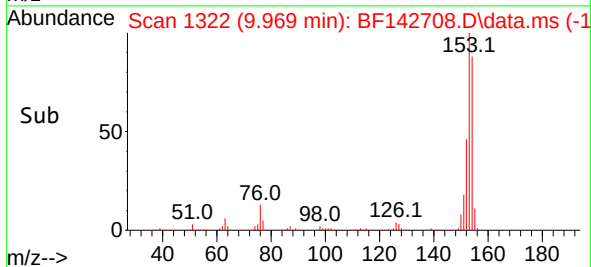
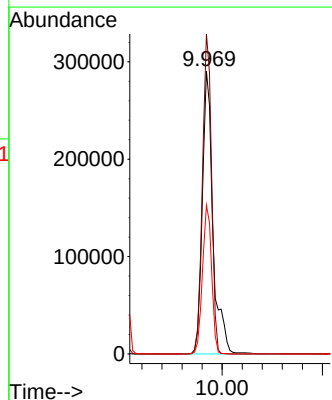
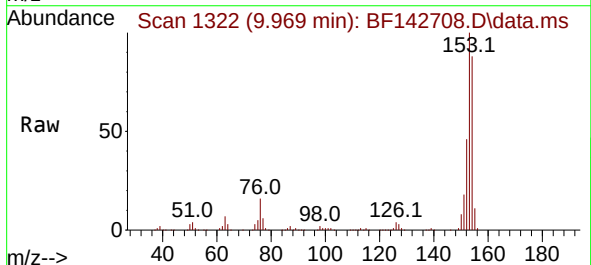
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

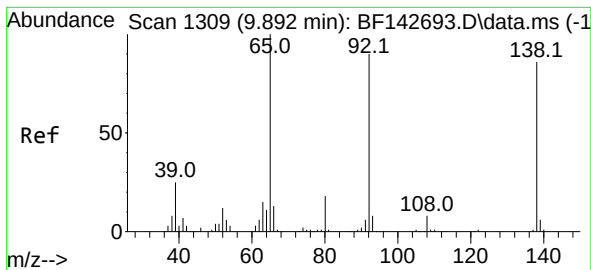
Tgt Ion:165 Resp: 97005
Ion Ratio Lower Upper
165 100
63 53.8 41.3 61.9
89 49.5 38.1 57.1



#52
Acenaphthene
Concen: 50.646 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:154 Resp: 426949
Ion Ratio Lower Upper
154 100
153 113.2 89.5 134.3
152 52.6 41.8 62.8





#53

3-Nitroaniline

Concen: 30.555 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

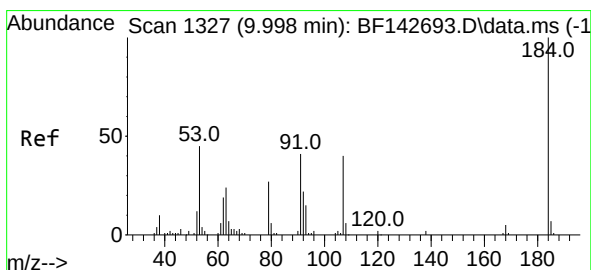
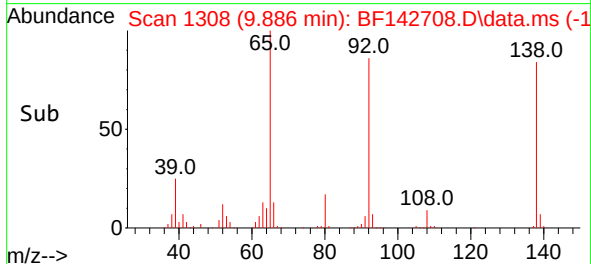
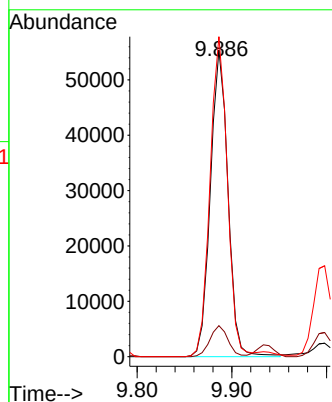
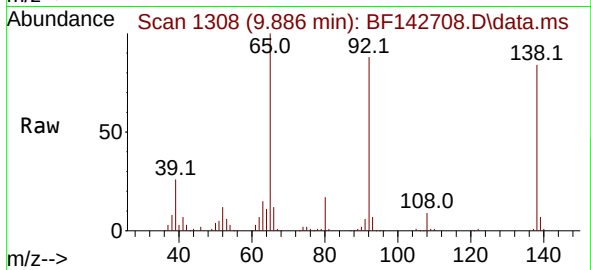
Tgt Ion:138 Resp: 71312

Ion Ratio Lower Upper

138 100

108 10.1 7.7 11.5

92 104.4 83.4 125.0



#54

2,4-Dinitrophenol

Concen: 84.859 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

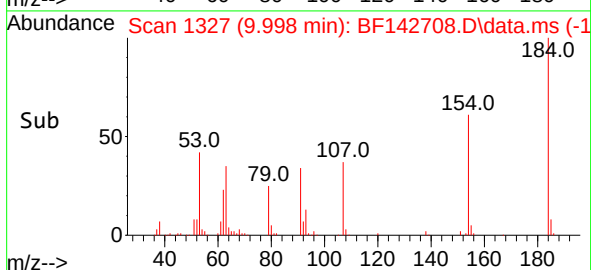
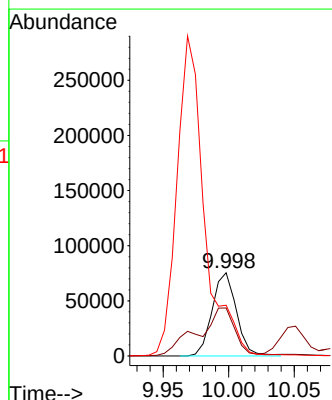
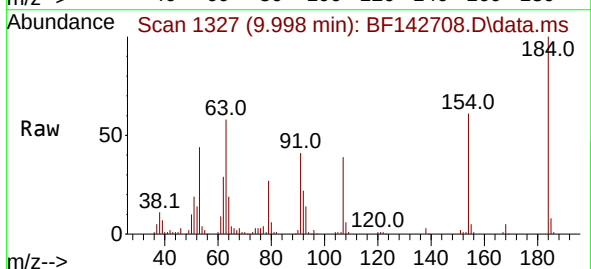
Tgt Ion:184 Resp: 97586

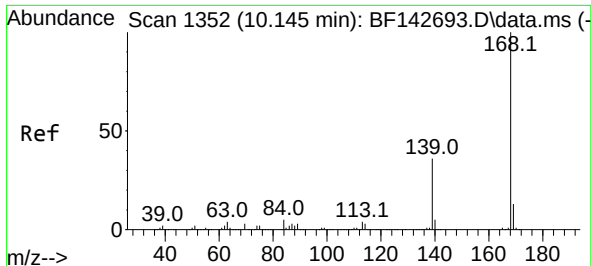
Ion Ratio Lower Upper

184 100

63 57.7 47.4 71.0

154 60.9 48.6 73.0

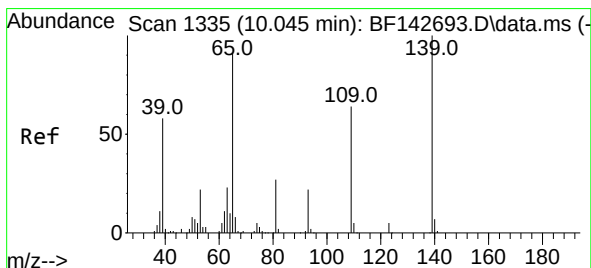
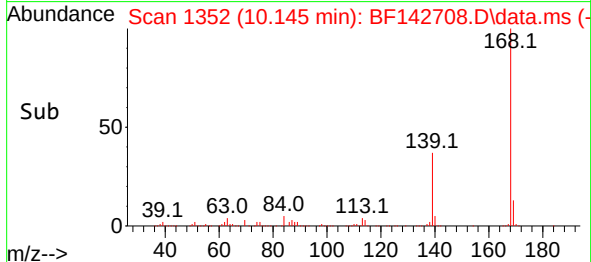
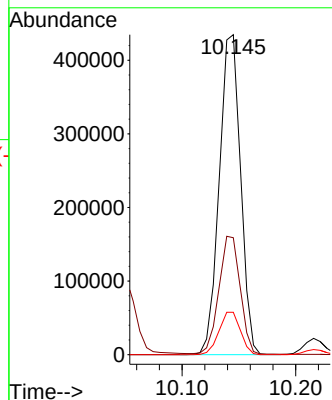
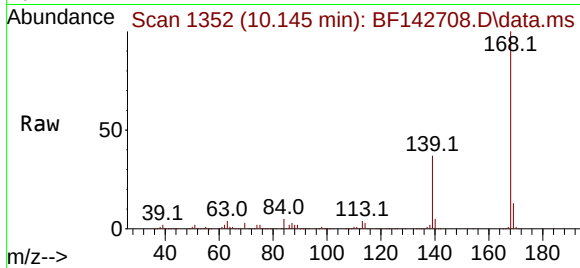




#55
Dibenzenofuran
Concen: 46.908 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

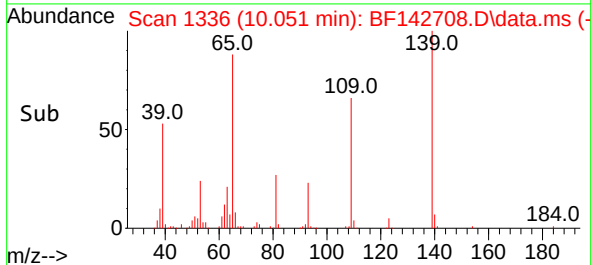
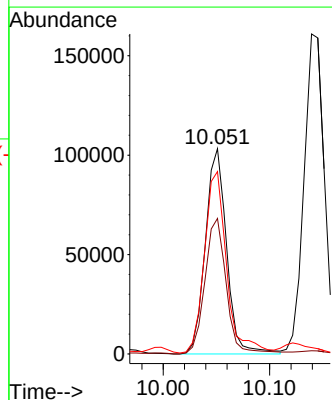
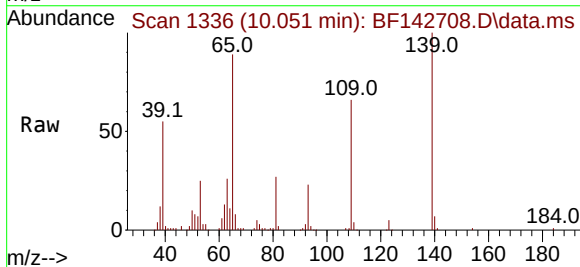
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

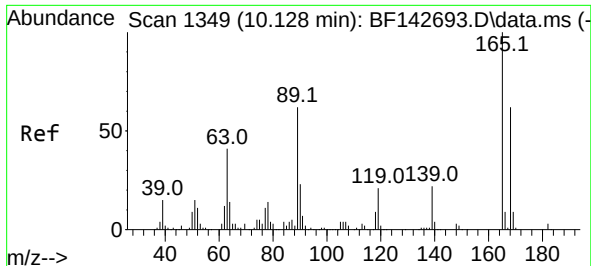
Tgt Ion:168 Resp: 567305
Ion Ratio Lower Upper
168 100
139 36.5 29.2 43.8
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 89.319 ng
RT: 10.051 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:139 Resp: 143285
Ion Ratio Lower Upper
139 100
109 66.0 44.4 84.4
65 88.8 72.1 112.1

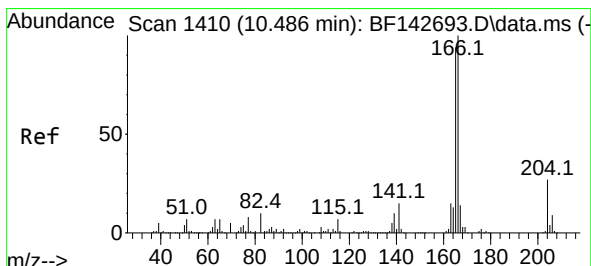
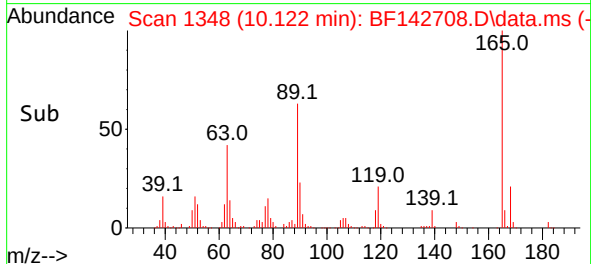
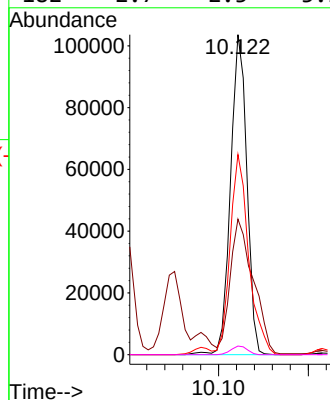
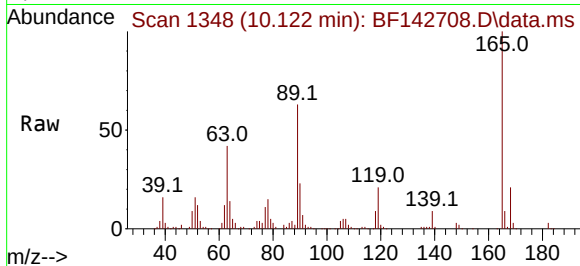




#57
2,4-Dinitrotoluene
Concen: 46.890 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

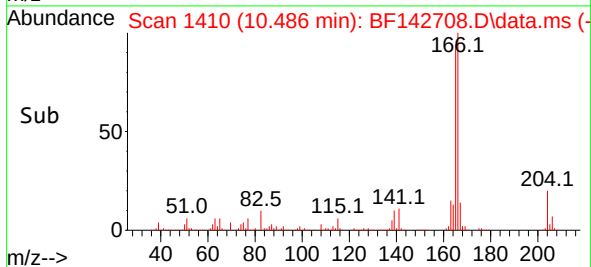
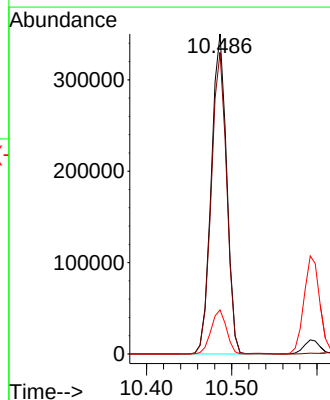
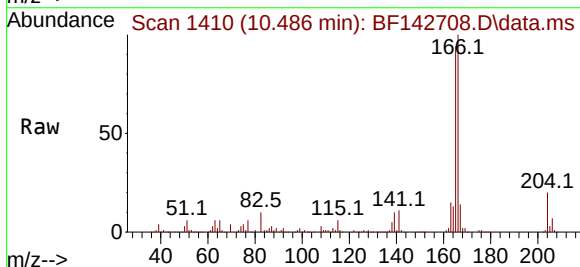
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

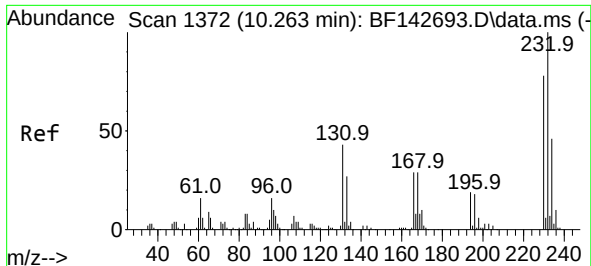
Tgt Ion:165 Resp: 130550
Ion Ratio Lower Upper
165 100
63 42.4 33.6 50.4
89 62.6 49.4 74.0
182 2.7 2.3 3.5



#58
Fluorene
Concen: 45.283 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:166 Resp: 437729
Ion Ratio Lower Upper
166 100
165 94.3 75.0 112.6
167 13.7 10.8 16.2



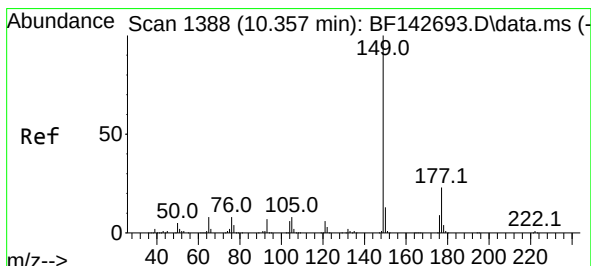
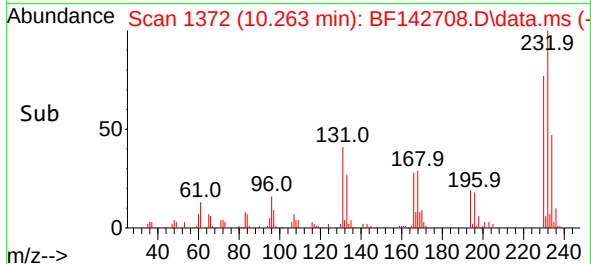
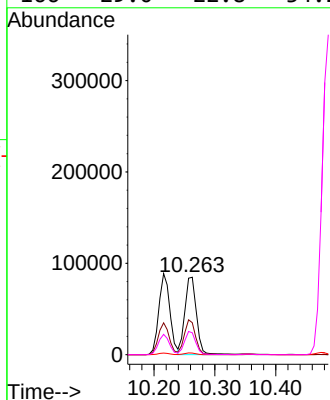
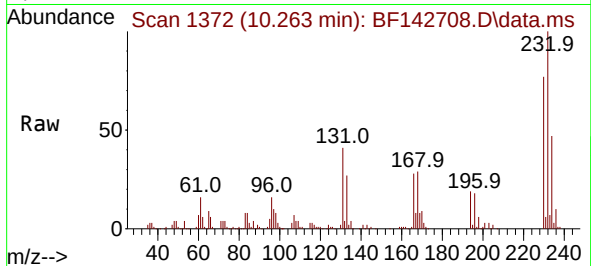


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.211 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:232 Resp: 112396

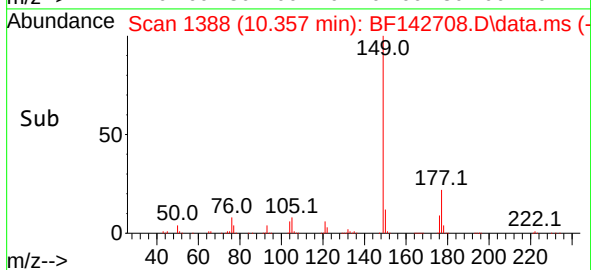
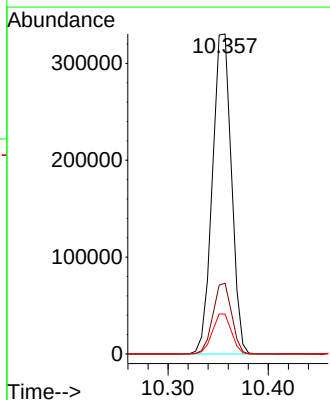
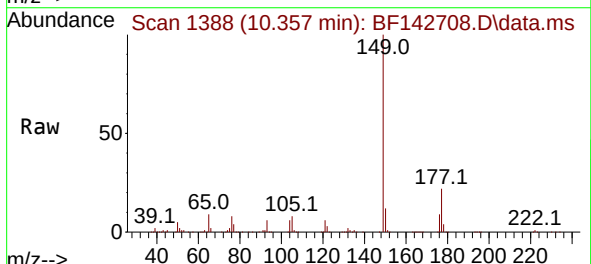
Ion	Ratio	Lower	Upper
232	100		
131	43.5	33.5	50.3
130	2.1	1.5	2.3
166	29.0	22.8	34.2

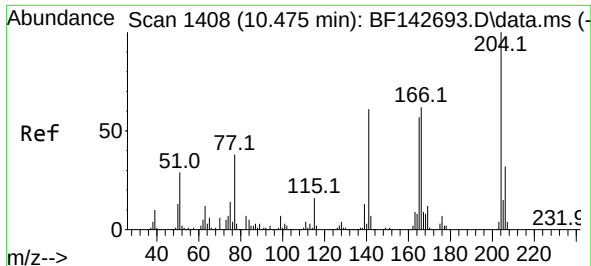


#60
Diethylphthalate
Concen: 46.768 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:149 Resp: 435949

Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.0	27.0
150	12.4	10.0	15.0

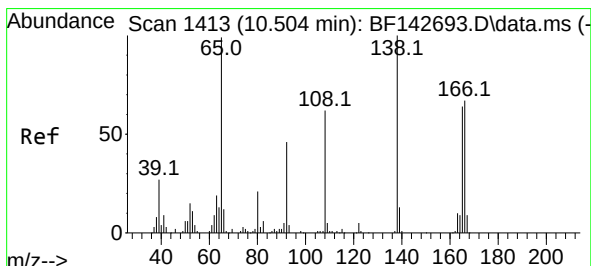
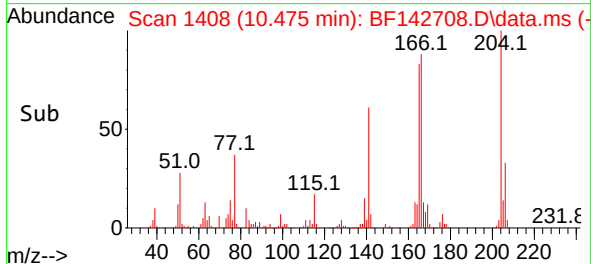
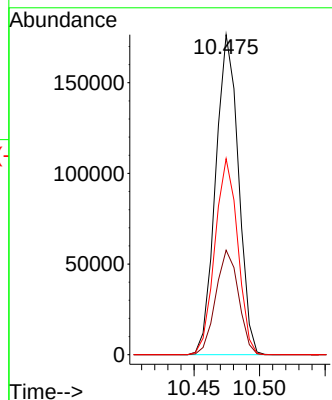
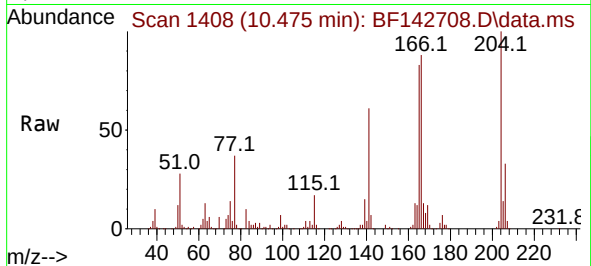




#61
4-Chlorophenyl-phenylether
Concen: 46.664 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

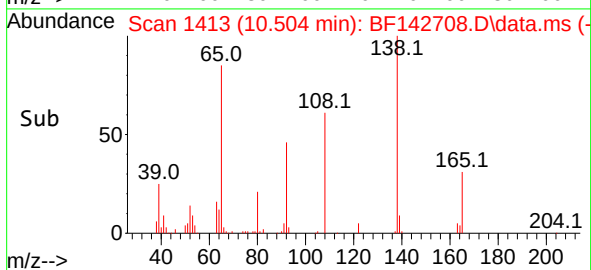
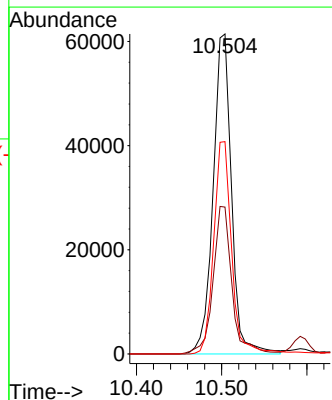
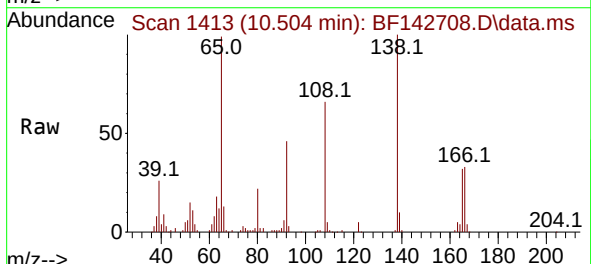
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

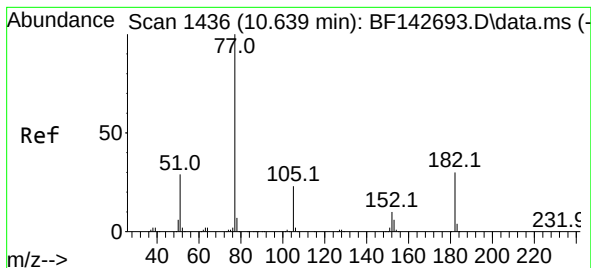
Tgt Ion:204 Resp: 213265
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 61.3 48.9 73.3



#62
4-Nitroaniline
Concen: 41.775 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:138 Resp: 92488
Ion Ratio Lower Upper
138 100
92 45.9 25.8 65.8
108 66.4 42.3 82.3





#63

Azobenzene

Concen: 50.849 ng

RT: 10.633 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion: 77 Resp: 424592

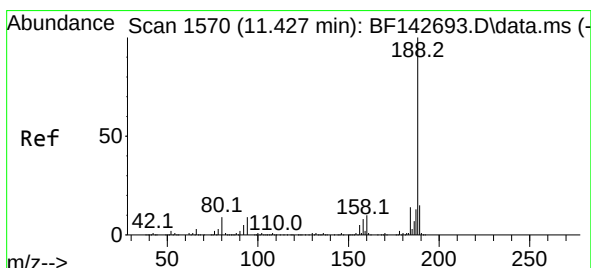
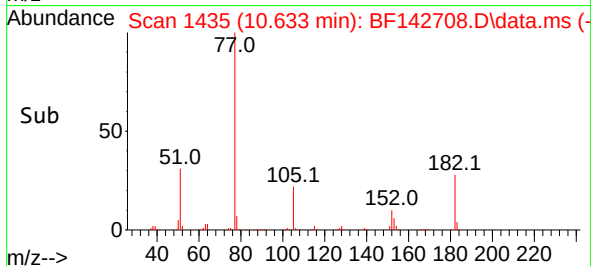
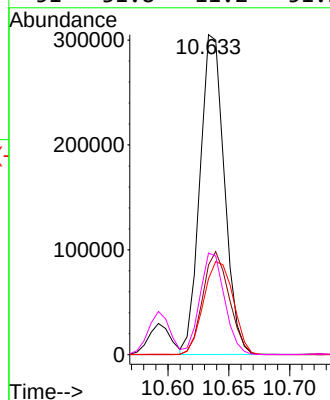
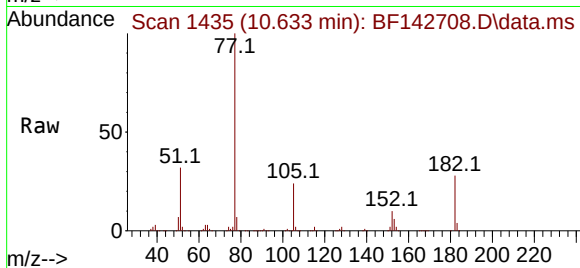
Ion Ratio Lower Upper

77 100

182 28.1 9.5 49.5

105 23.8 2.3 42.3

51 31.8 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: BF142708.D

Acq: 10 Jun 2025 13:10

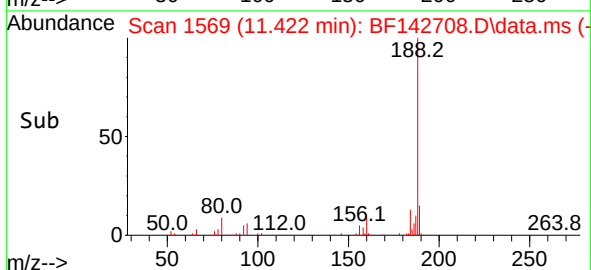
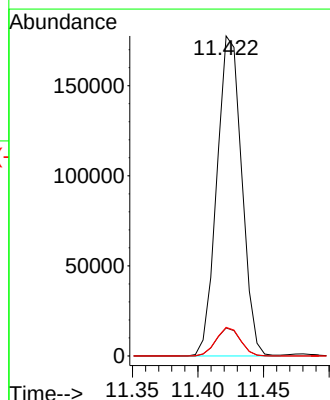
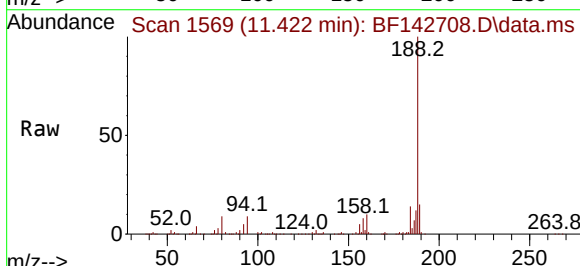
Tgt Ion: 188 Resp: 234155

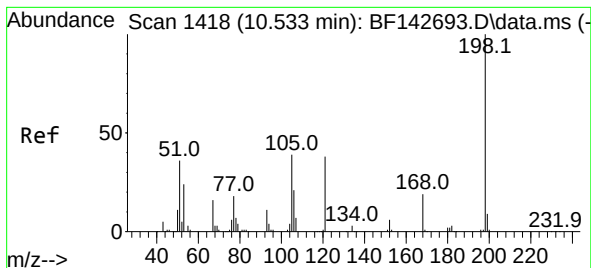
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.0 7.2 10.8

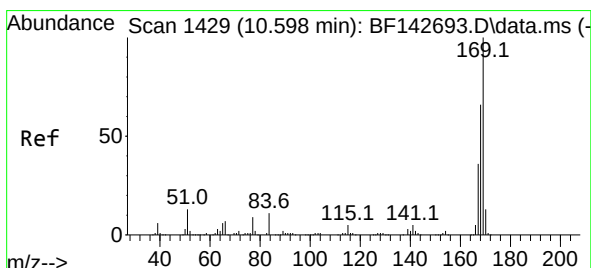
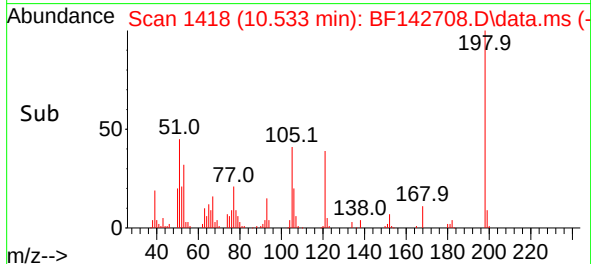
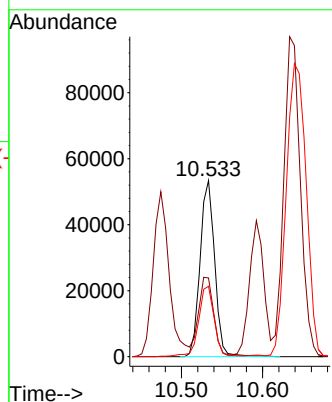
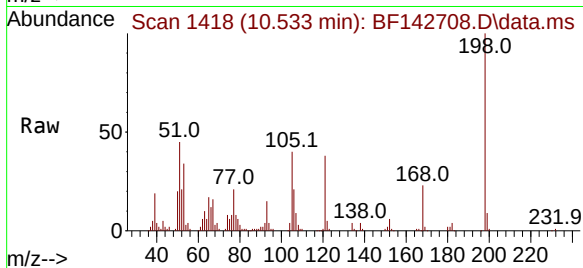




#65
4,6-Dinitro-2-methylphenol
Concen: 44.767 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

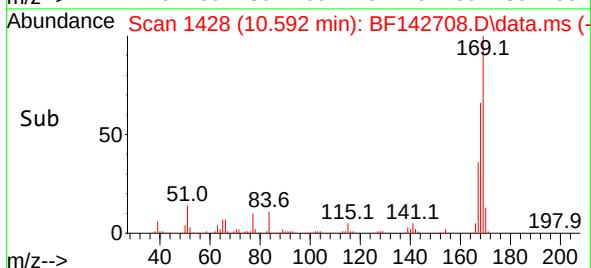
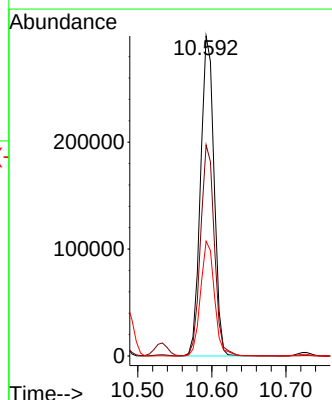
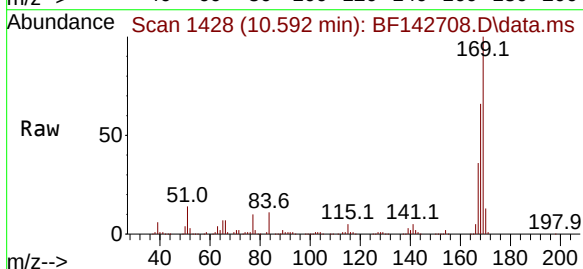
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

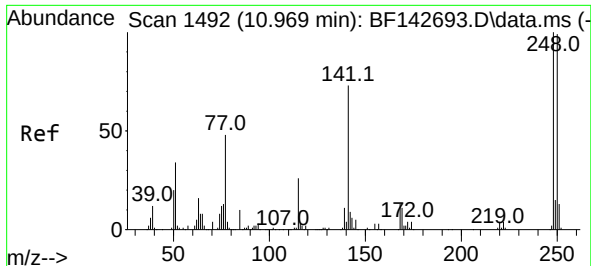
Tgt Ion:198 Resp: 66857
Ion Ratio Lower Upper
198 100
51 44.7 25.9 65.9
105 39.9 20.0 60.0



#66
n-Nitrosodiphenylamine
Concen: 49.955 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:169 Resp: 377664
Ion Ratio Lower Upper
169 100
168 65.9 53.1 79.7
167 35.8 28.4 42.6

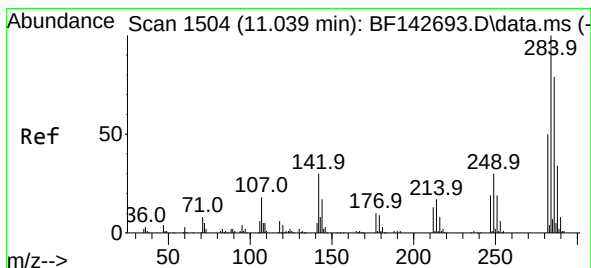
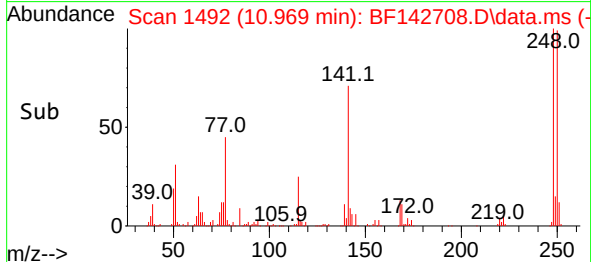
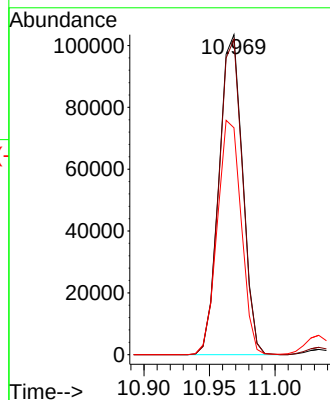
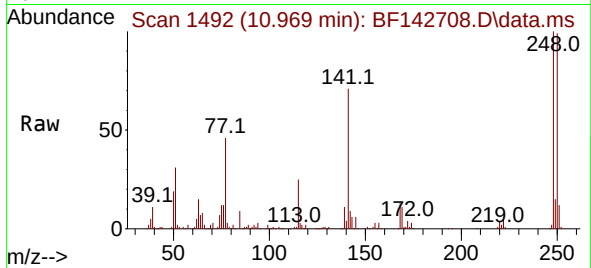




#67
4-Bromophenyl-phenylether
Concen: 50.082 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

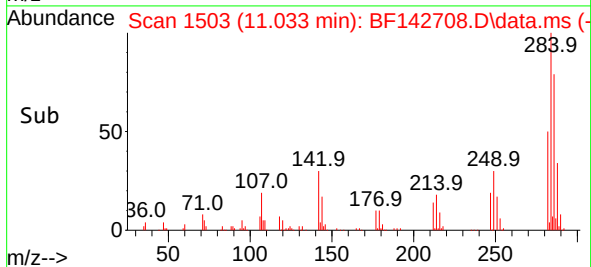
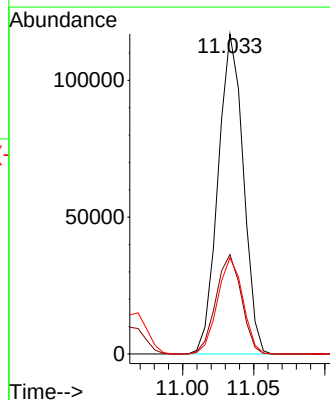
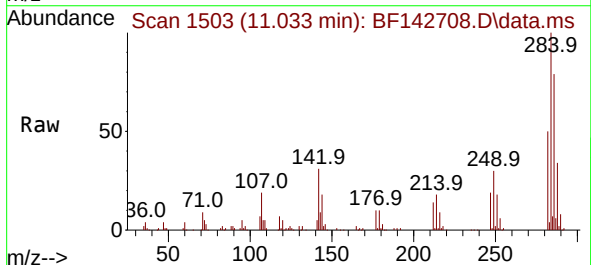
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

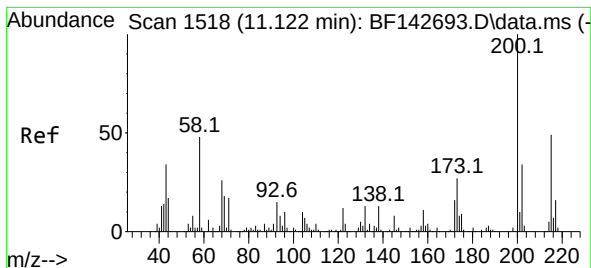
Tgt Ion:248 Resp: 129618
Ion Ratio Lower Upper
248 100
250 98.5 79.1 118.7
141 70.9 58.5 87.7



#68
Hexachlorobenzene
Concen: 48.621 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:284 Resp: 144592
Ion Ratio Lower Upper
284 100
142 31.0 23.6 35.4
249 30.1 23.8 35.8





#69

Atrazine

Concen: 51.118 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

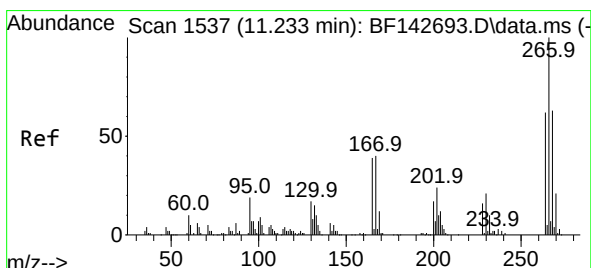
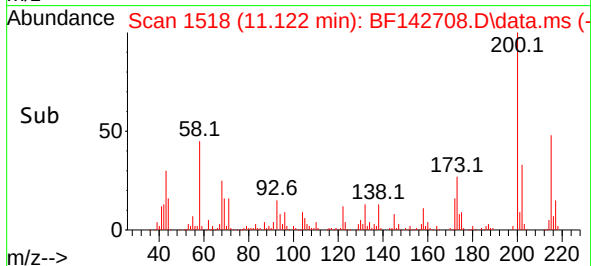
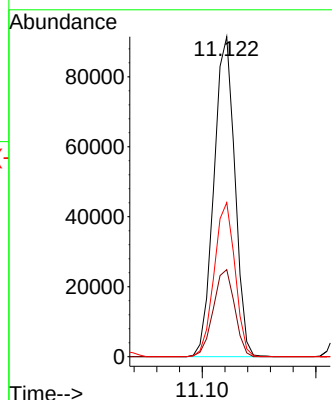
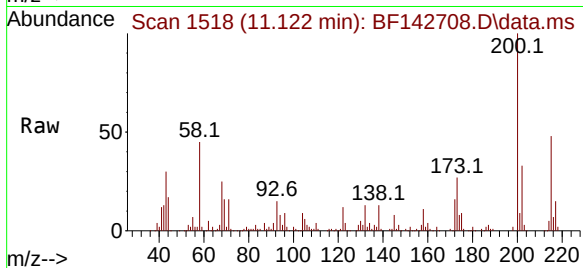
Tgt Ion:200 Resp: 117197

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 48.1 28.9 68.9



#70

Pentachlorophenol

Concen: 92.349 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

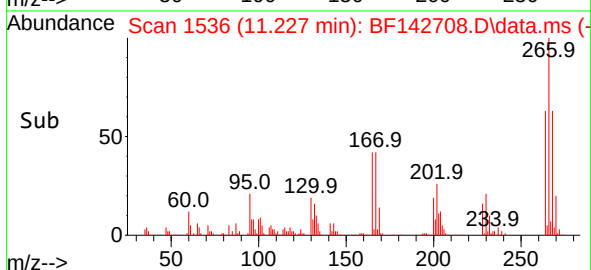
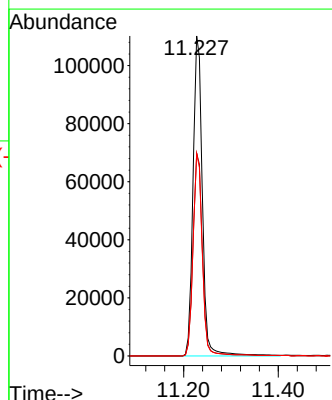
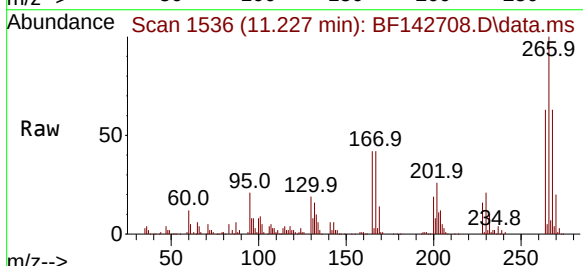
Tgt Ion:266 Resp: 151032

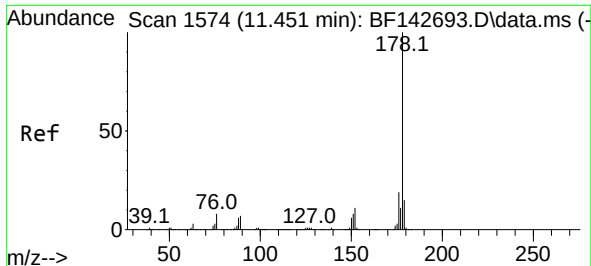
Ion Ratio Lower Upper

266 100

268 63.4 50.8 76.2

264 63.2 49.7 74.5

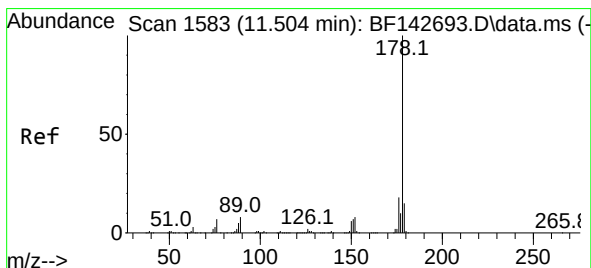
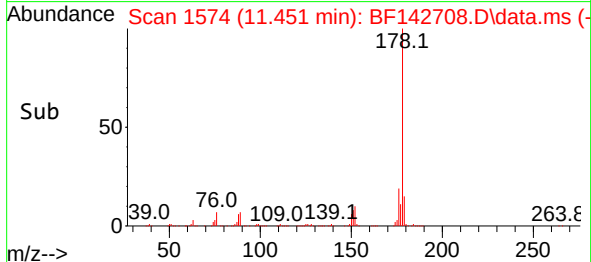
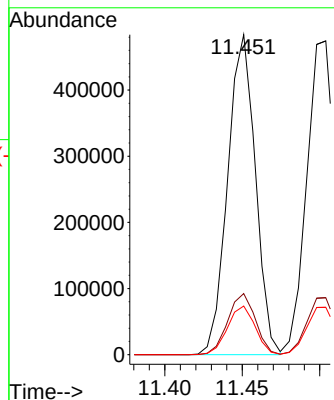
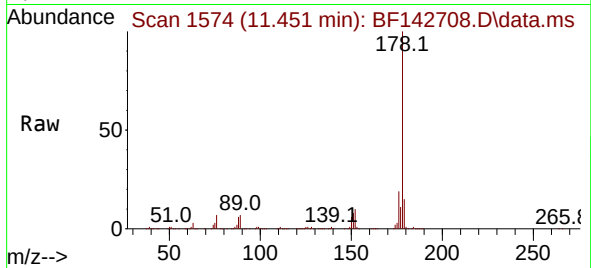




#71
Phenanthrene
Concen: 48.070 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

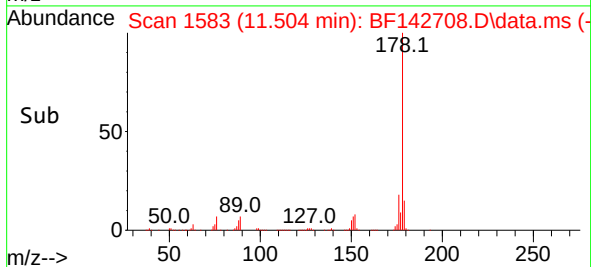
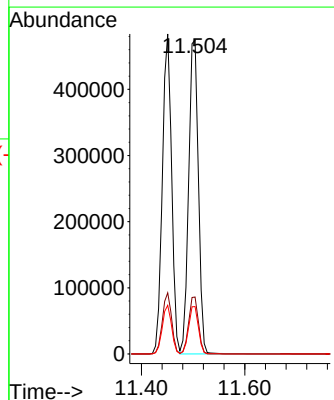
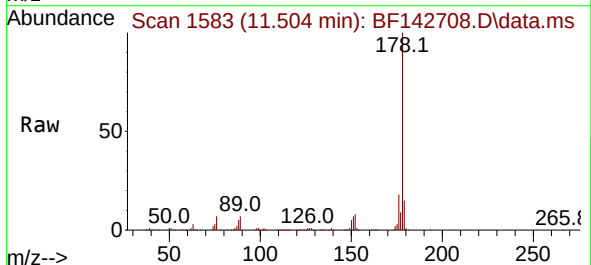
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

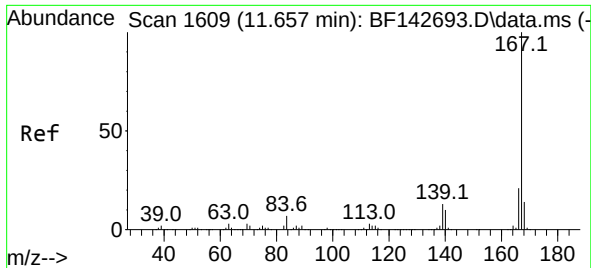
Tgt Ion:178 Resp: 601737
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.2 12.4 18.6



#72
Anthracene
Concen: 47.721 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:178 Resp: 619924
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.1 12.2 18.2

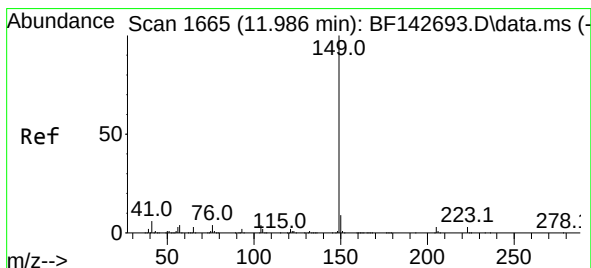
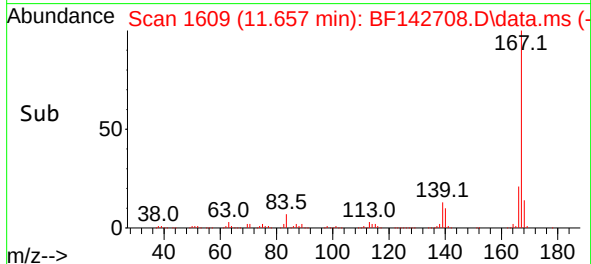
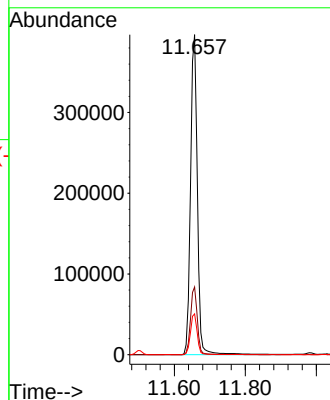
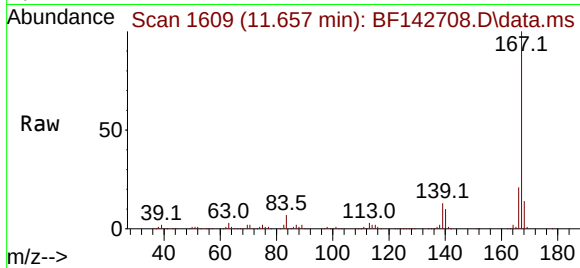




#73
 Carbazole
 Concen: 45.359 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142708.D
 Acq: 10 Jun 2025 13:10

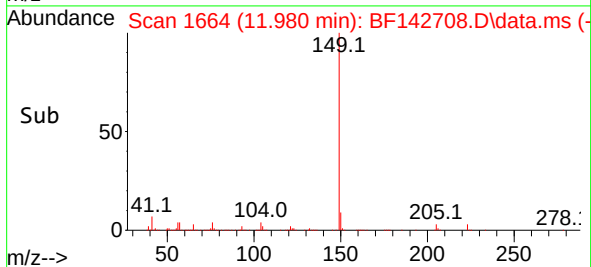
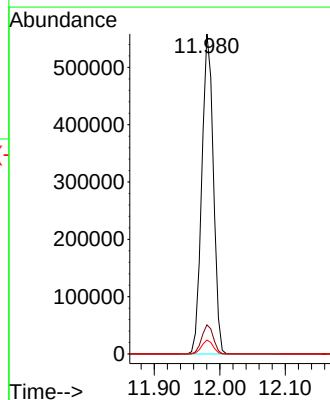
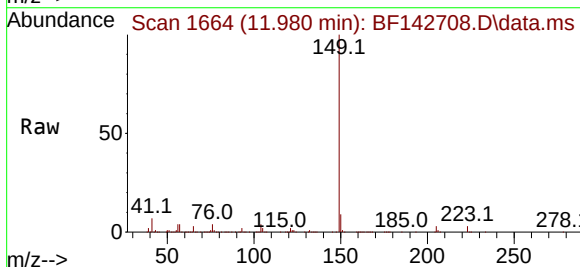
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

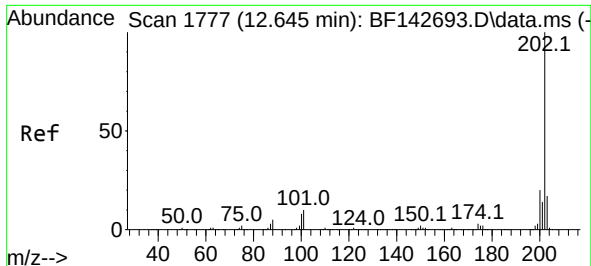
Tgt Ion:167 Resp: 530592
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.8 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 55.292 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.006 min
 Lab File: BF142708.D
 Acq: 10 Jun 2025 13:10

Tgt Ion:149 Resp: 686641
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.3 3.3 4.9

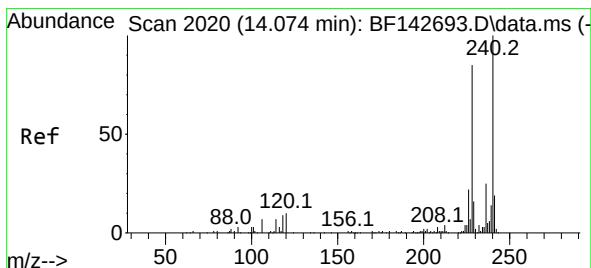
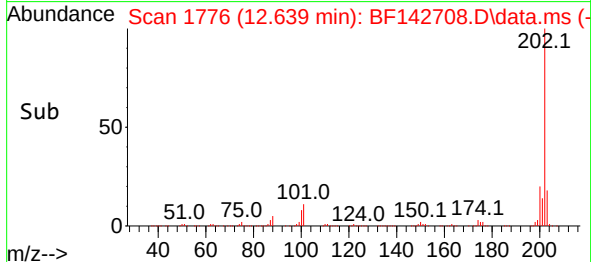
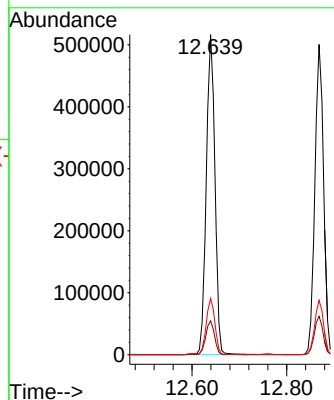
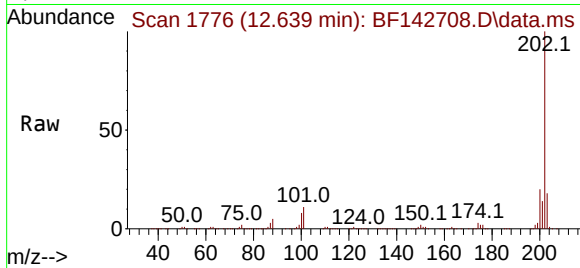




#75
Fluoranthene
Concen: 52.195 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

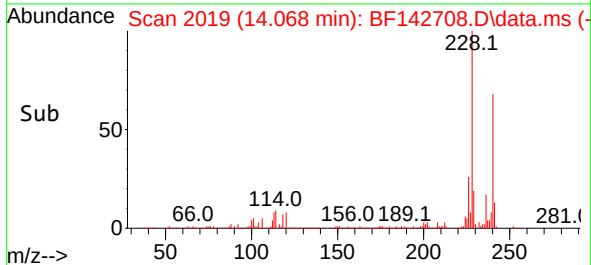
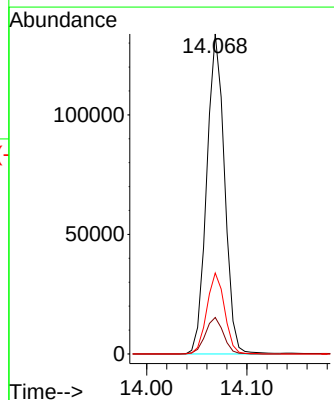
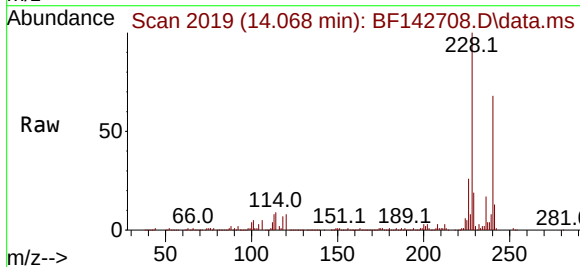
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

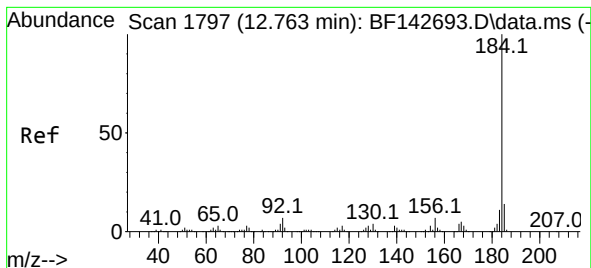
Tgt Ion:202 Resp: 654629
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:240 Resp: 165870
Ion Ratio Lower Upper
240 100
120 11.4 8.4 12.6
236 25.3 20.2 30.2





#77

Benzidine

Concen: 49.359 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

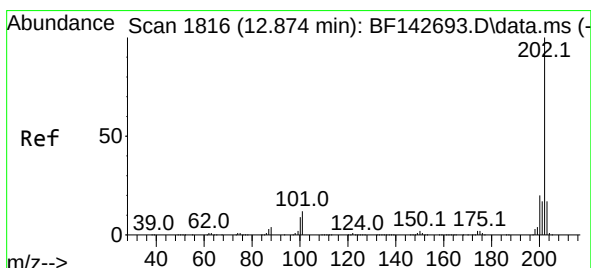
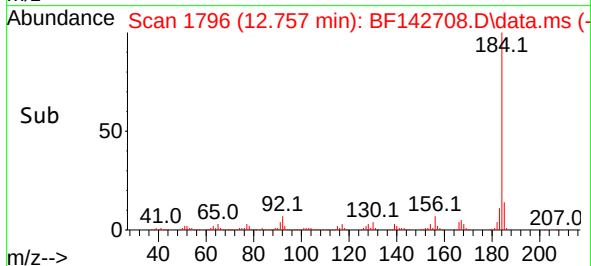
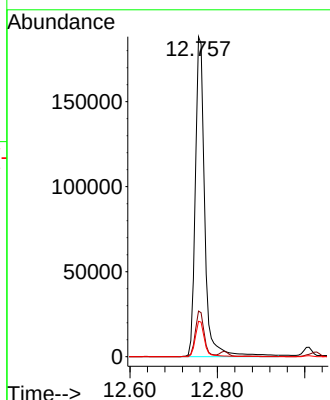
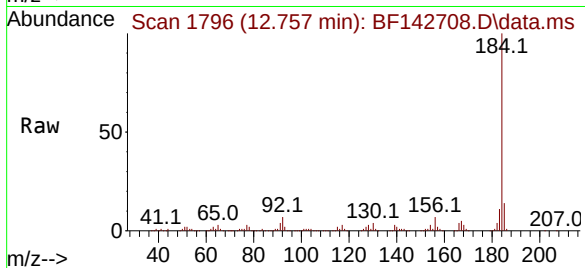
Tgt Ion:184 Resp: 282563

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 11.0 8.9 13.3



#78

Pyrene

Concen: 47.407 ng

RT: 12.868 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

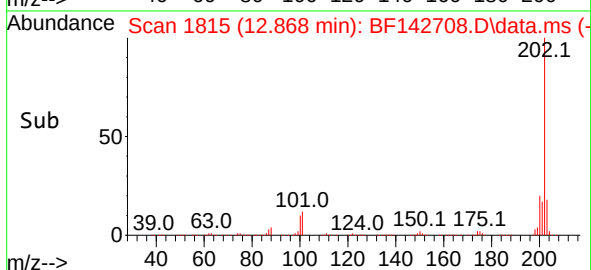
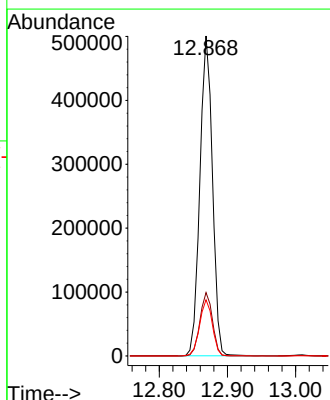
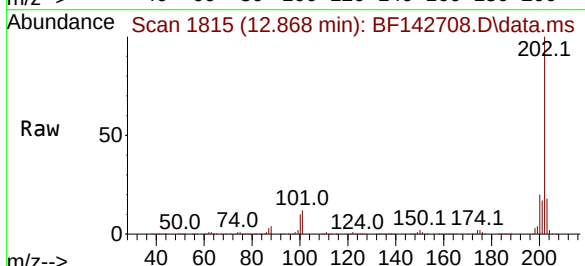
Tgt Ion:202 Resp: 640734

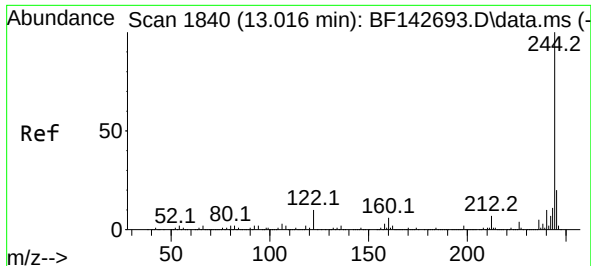
Ion Ratio Lower Upper

202 100

200 19.8 16.1 24.1

203 17.5 13.9 20.9

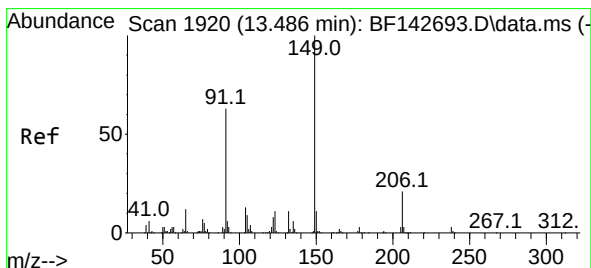
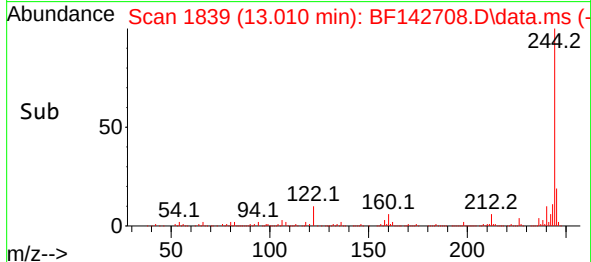
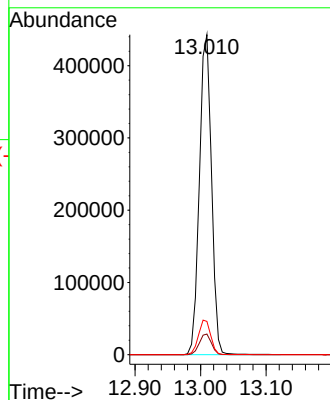
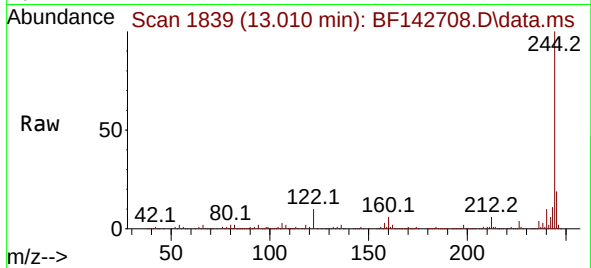




#79
 Terphenyl-d14
 Concen: 54.300 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142708.D
 Acq: 10 Jun 2025 13:10

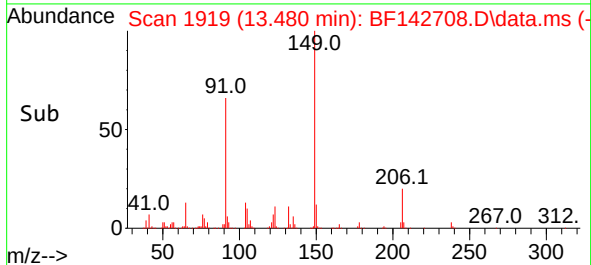
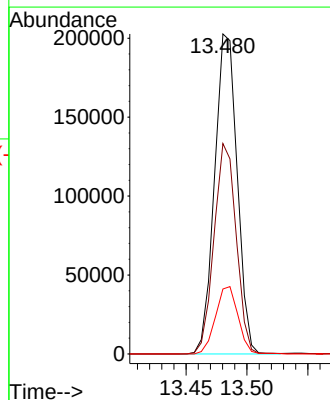
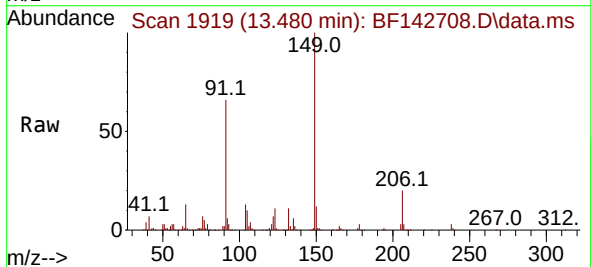
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

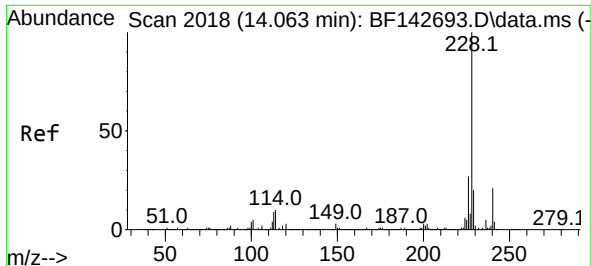
Tgt Ion:244 Resp: 569500
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 62.988 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.006 min
 Lab File: BF142708.D
 Acq: 10 Jun 2025 13:10

Tgt Ion:149 Resp: 262174
 Ion Ratio Lower Upper
 149 100
 91 65.8 50.5 75.7
 206 20.3 16.9 25.3

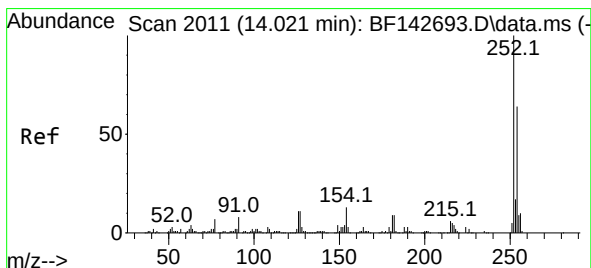
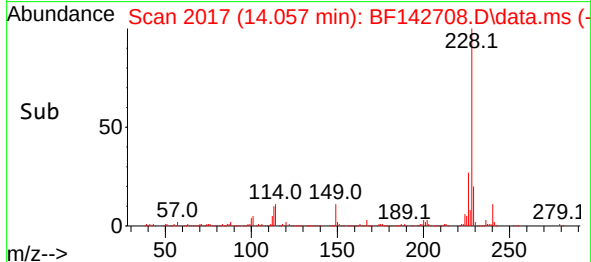
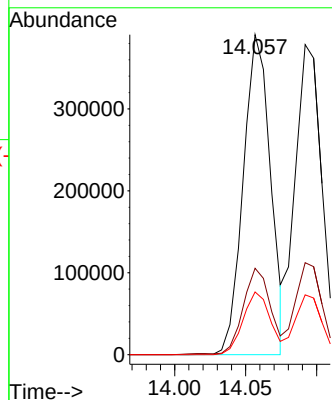
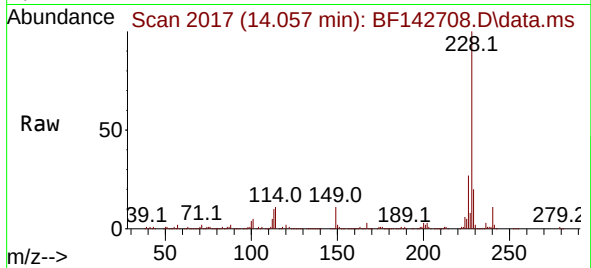




#81
Benzo(a)anthracene
Concen: 48.363 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

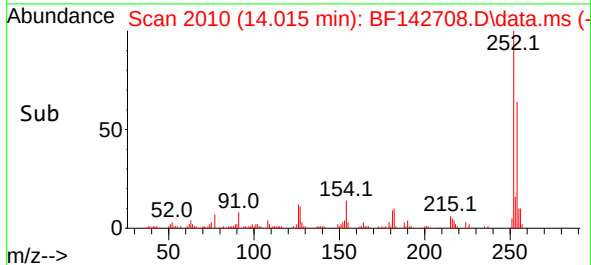
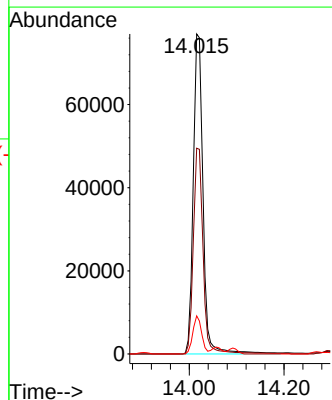
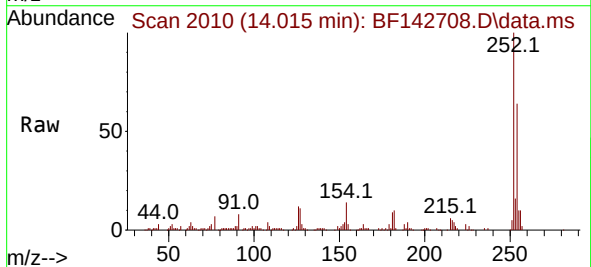
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

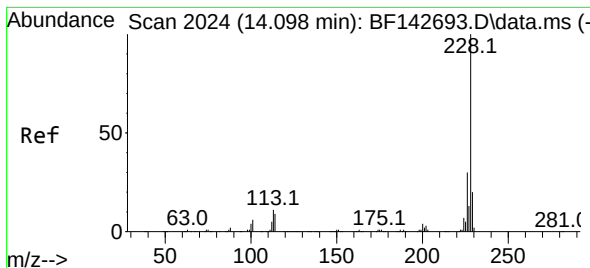
Tgt Ion:228 Resp: 520620
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.986 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:252 Resp: 110065
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 11.9 9.1 13.7





#83

Chrysene

Concen: 48.745 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

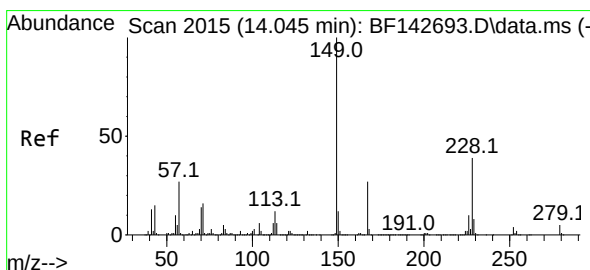
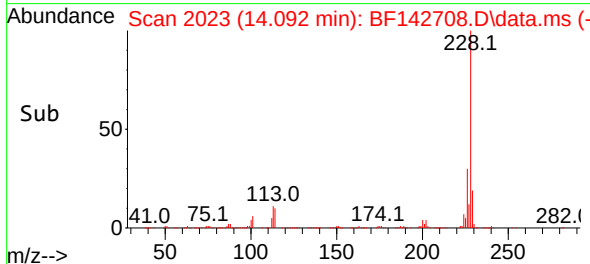
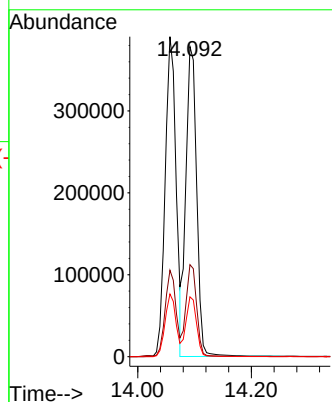
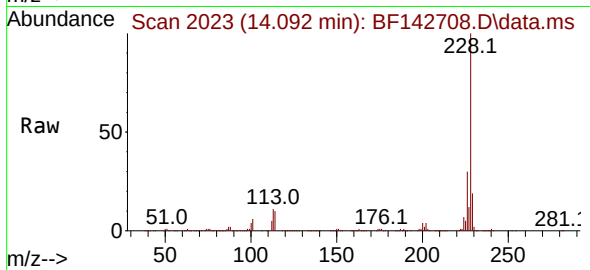
Tgt Ion:228 Resp: 497015

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 76.283 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

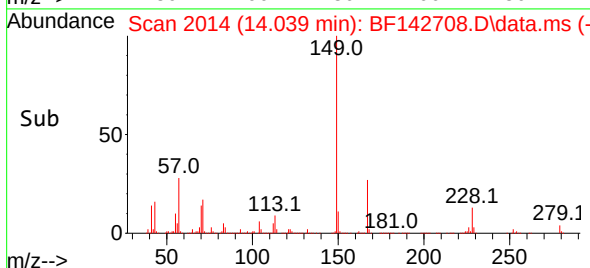
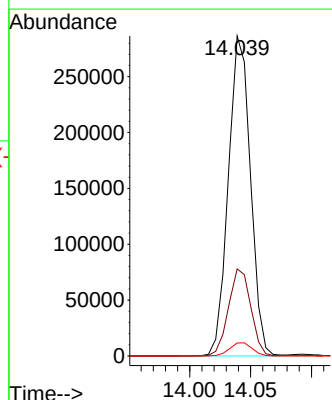
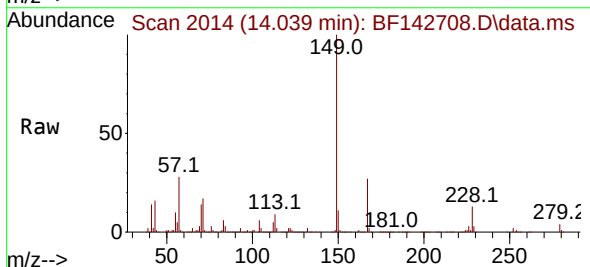
Tgt Ion:149 Resp: 362506

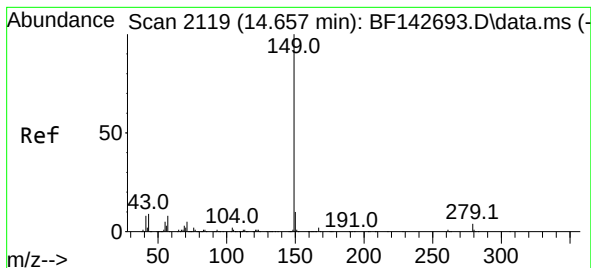
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 61.186 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

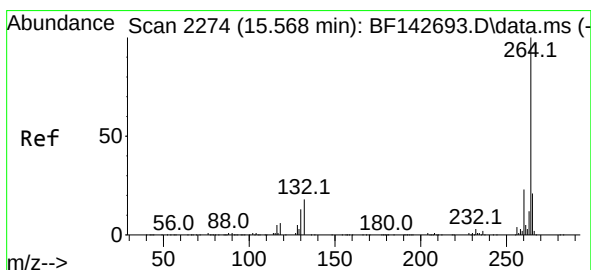
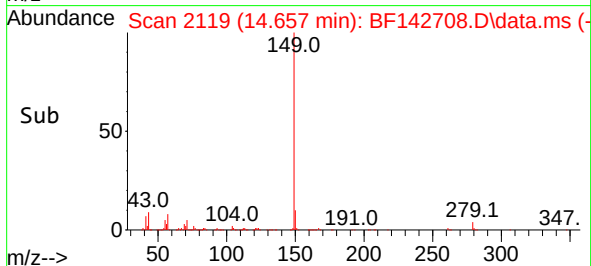
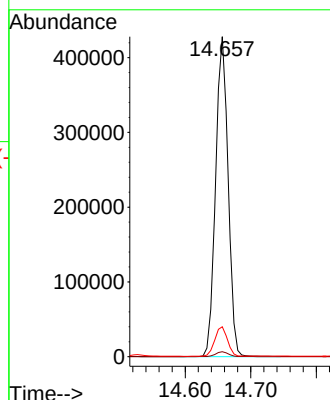
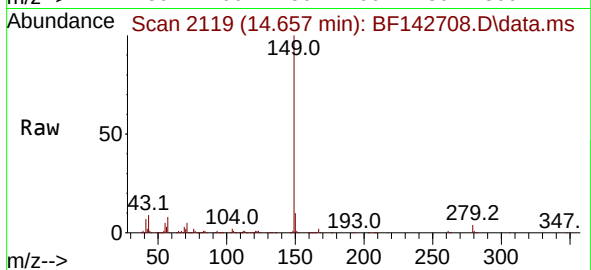
Tgt Ion:149 Resp: 565508

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 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: BF142708.D

Acq: 10 Jun 2025 13:10

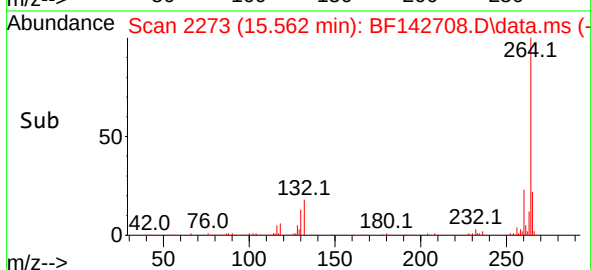
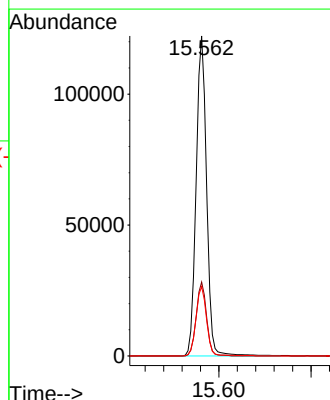
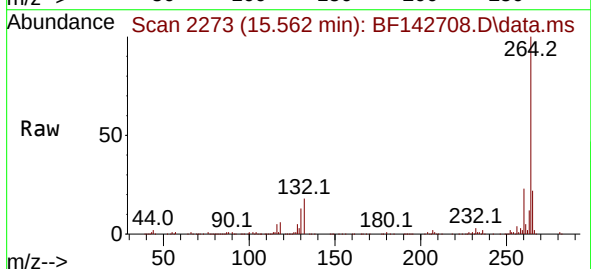
Tgt Ion:264 Resp: 192181

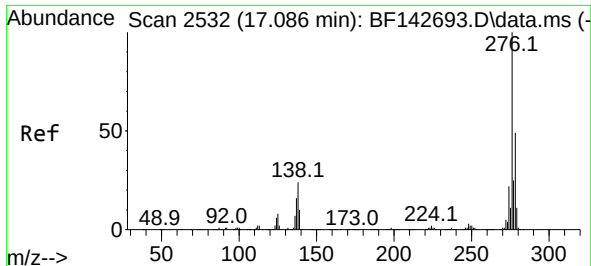
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.7 17.0 25.4

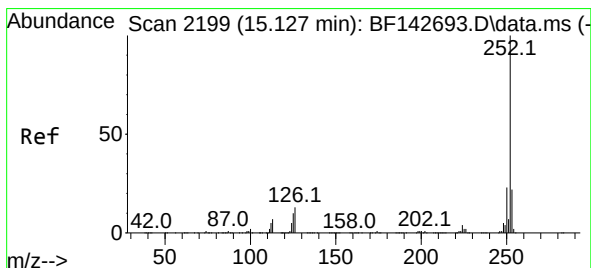
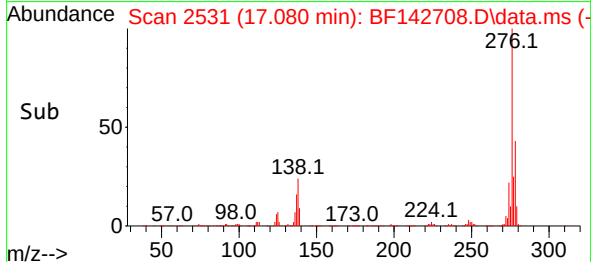
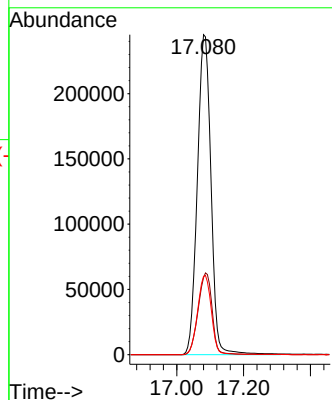
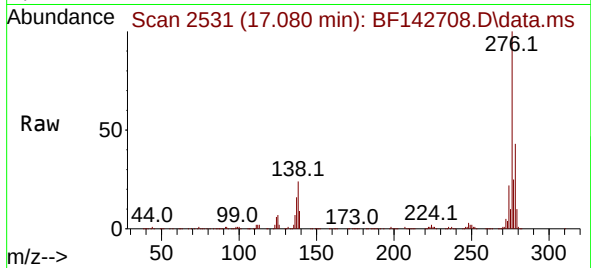




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.008 ng
RT: 17.080 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

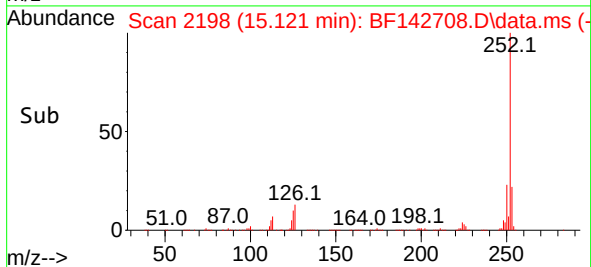
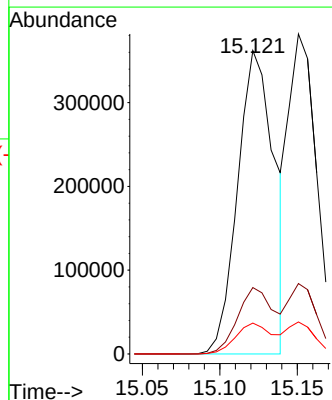
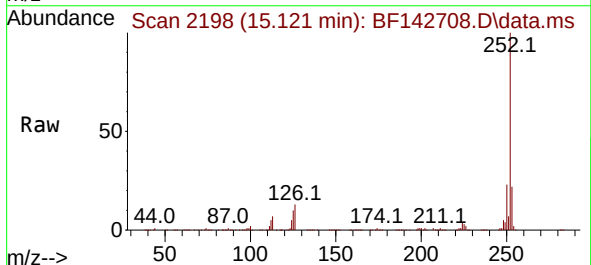
Instrument :
BNA_F
ClientSampleId :
WC-5MSD

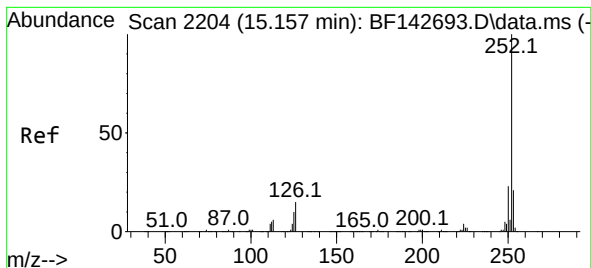
Tgt Ion:276 Resp: 693415
Ion Ratio Lower Upper
276 100
138 26.2 20.8 31.2
277 24.9 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 51.784 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF142708.D
Acq: 10 Jun 2025 13:10

Tgt Ion:252 Resp: 594564
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.2 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 45.591 ng

RT: 15.151 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

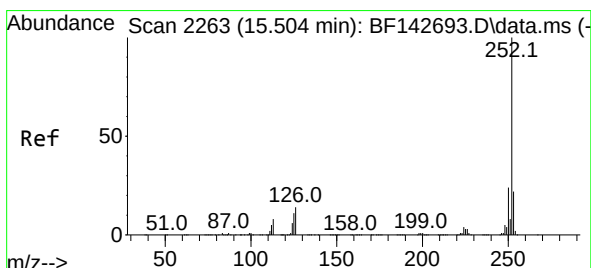
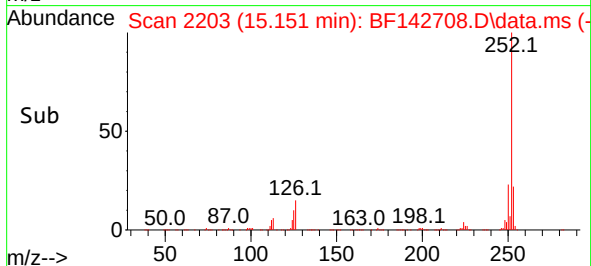
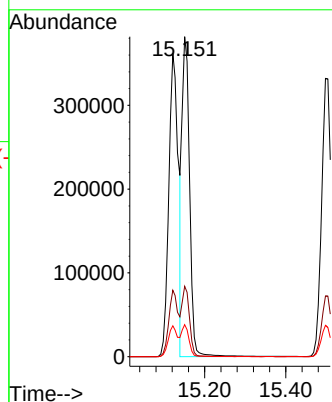
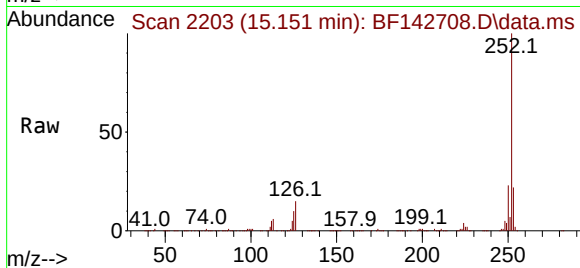
Tgt Ion:252 Resp: 492587

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.0 7.7 11.5



#90

Benzo(a)pyrene

Concen: 51.111 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

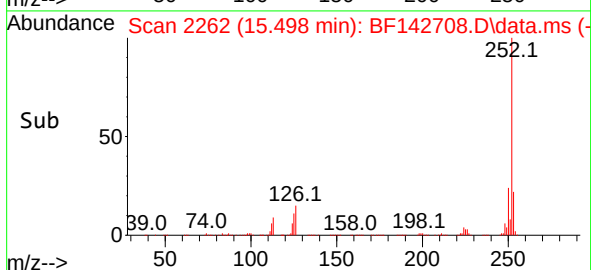
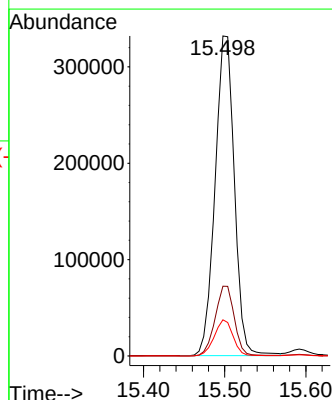
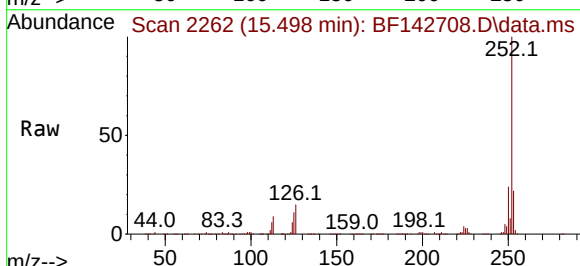
Tgt Ion:252 Resp: 549915

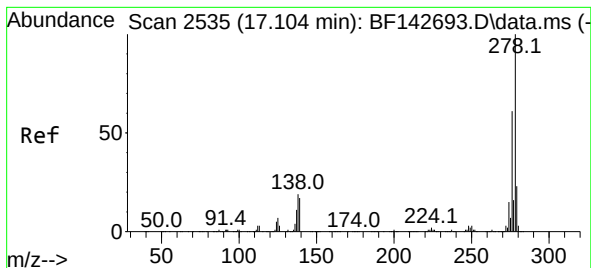
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 11.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.306 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

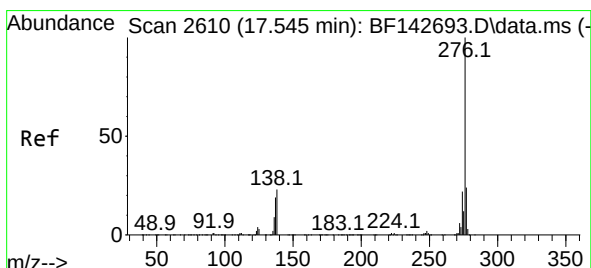
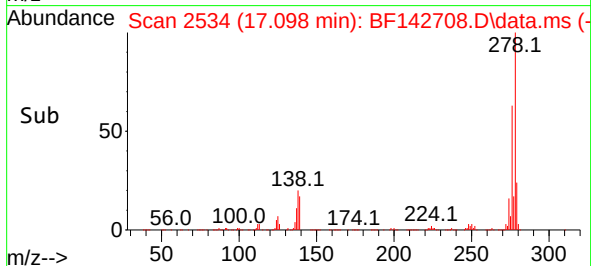
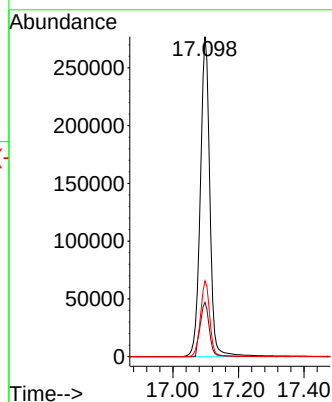
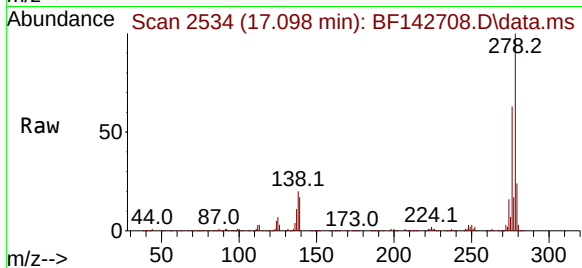
Tgt Ion:278 Resp: 561456

Ion Ratio Lower Upper

278 100

139 16.9 13.4 20.0

279 23.7 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 49.001 ng

RT: 17.539 min Scan# 2609

Delta R.T. -0.024 min

Lab File: BF142708.D

Acq: 10 Jun 2025 13:10

Tgt Ion:276 Resp: 555277

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 22.7 18.2 27.2

