

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144304.D
 Acq On : 20 Nov 2025 19:56
 Operator : RC/JU
 Sample : Q3662-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-0.0-1.0-20251117MSD

Quant Time: Nov 21 00:00:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	44073	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	159722	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	80476	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	143551	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	118518	20.000	ng	0.00
86) Perylene-d12	15.521	264	95287	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	216046	76.710	ng	0.00
7) Phenol-d6	6.498	99	237752	74.502	ng	0.00
23) Nitrobenzene-d5	7.428	82	145188	52.500	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	71402	70.703	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	288328	52.915	ng	0.00
79) Terphenyl-d14	12.980	244	336714	45.127	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	62924	54.041	ng	100
3) Pyridine	3.434	79	161142	49.605	ng	99
4) n-Nitrosodimethylamine	3.387	42	91656	54.016	ng	94
6) Aniline	6.528	93	63599	13.988	ng	# 77
8) 2-Chlorophenol	6.651	128	134540	48.711	ng	97
9) Benzaldehyde	6.416	77	75790	42.059	ng	97
10) Phenol	6.510	94	183480	47.059	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	145578	51.241	ng	99
12) 1,3-Dichlorobenzene	6.804	146	170495	50.025	ng	99
13) 1,4-Dichlorobenzene	6.881	146	171549	50.241	ng	99
14) 1,2-Dichlorobenzene	7.034	146	161736	49.419	ng	98
15) Benzyl Alcohol	7.004	79	125227	49.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	255861	48.905	ng	90
17) 2-Methylphenol	7.122	107	103587	47.143	ng	95
18) Hexachloroethane	7.375	117	50922	44.889	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	99491	47.359	ng	97
20) 3+4-Methylphenols	7.275	107	121115	46.759	ng	# 89
22) Acetophenone	7.269	105	178859	52.200	ng	99
24) Nitrobenzene	7.445	77	149955	49.940	ng	98
25) Isophorone	7.686	82	260987	49.892	ng	98
26) 2-Nitrophenol	7.763	139	63088	42.444	ng	96
27) 2,4-Dimethylphenol	7.798	122	121255	54.427	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	167610	51.311	ng	99
29) 2,4-Dichlorophenol	8.004	162	116177	45.245	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	131220	49.767	ng	98
31) Naphthalene	8.169	128	365391	48.092	ng	99
32) Benzoic acid	7.910	122	60719	37.181	ng	93
33) 4-Chloroaniline	8.222	127	35395	12.773	ng	99
34) Hexachlorobutadiene	8.281	225	91193	45.892	ng	99
35) Caprolactam	8.586	113	33639	47.818	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	101868	44.267	ng	98
37) 2-Methylnaphthalene	8.857	142	216643	42.648	ng	99
38) 1-Methylnaphthalene	8.957	142	219367	44.755	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	130774	49.583	ng	99
41) Hexachlorocyclopentadiene	9.010	237	24474	32.525	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	88455	49.276	ng	97

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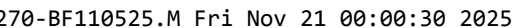
Instrument :
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 B3-0.0-1.0-20251117MSD

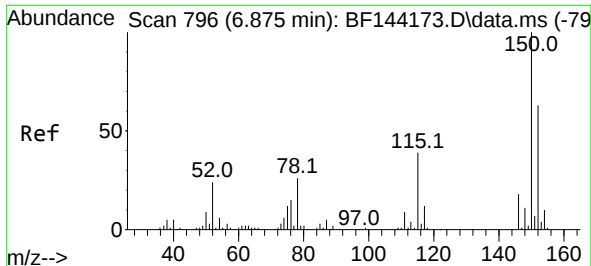
Quant Time: Nov 21 00:00:22 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	88549	45.769	ng	99
46) 1,1'-Biphenyl	9.322	154	286108	50.932	ng	98
47) 2-Chloronaphthalene	9.351	162	234340	48.905	ng	99
48) 2-Nitroaniline	9.445	65	73544	53.193	ng	96
49) Acenaphthylene	9.763	152	354918	54.353	ng	100
50) Dimethylphthalate	9.622	163	276955	51.948	ng	100
51) 2,6-Dinitrotoluene	9.686	165	53802	49.852	ng	97
52) Acenaphthene	9.939	154	188975	43.277	ng	98
53) 3-Nitroaniline	9.857	138	41951	35.559	ng	98
54) 2,4-Dinitrophenol	9.975	184	3170	4.864	ng	# 77
55) Dibenzofuran	10.110	168	289563	47.348	ng	99
56) 4-Nitrophenol	10.027	139	81615	95.634	ng	94
57) 2,4-Dinitrotoluene	10.092	165	71296	49.347	ng	99
58) Fluorene	10.451	166	230887	49.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	68953	50.374	ng	99
60) Diethylphthalate	10.322	149	248556	50.574	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	122013	46.067	ng	98
62) 4-Nitroaniline	10.475	138	56885	50.631	ng	91
63) Azobenzene	10.604	77	238195	52.076	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	5198	5.330	ng	94
66) n-Nitrosodiphenylamine	10.563	169	221308	47.933	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	77760	42.439	ng	96
68) Hexachlorobenzene	11.004	284	97531	45.191	ng	96
69) Atrazine	11.092	200	71134	48.446	ng	98
70) Pentachlorophenol	11.204	266	93796	87.276	ng	96
71) Phenanthrene	11.422	178	358878	50.212	ng	100
72) Anthracene	11.469	178	358424	49.319	ng	99
73) Carbazole	11.627	167	324871	52.570	ng	99
74) Di-n-butylphthalate	11.951	149	378182	50.622	ng	99
75) Fluoranthene	12.610	202	448484	60.745	ng	99
77) Benzidine	12.733	184	130966	37.358	ng	99
78) Pyrene	12.839	202	464531	48.612	ng	99
80) Butylbenzylphthalate	13.457	149	176348	53.245	ng	96
81) Benzo(a)anthracene	14.033	228	429096	52.238	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	102915	36.552	ng	98
83) Chrysene	14.068	228	393684	51.918	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	243198	53.640	ng	99
85) Di-n-octyl phthalate	14.627	149	400302	51.173	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	275395	40.262	ng	98
88) Benzo(b)fluoranthene	15.092	252	331622	61.216	ng	99
89) Benzo(k)fluoranthene	15.115	252	286930	56.588	ng	98
90) Benzo(a)pyrene	15.462	252	272478	54.521	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	216932	39.490	ng	98
92) Benzo(g,h,i)perylene	17.474	276	224326	41.353	ng	98

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

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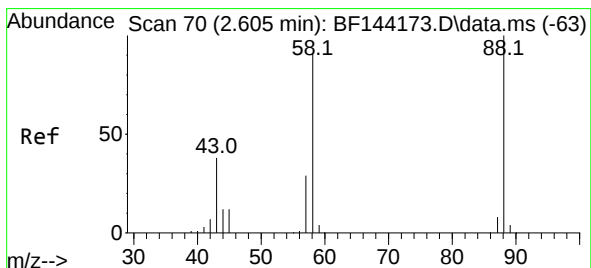
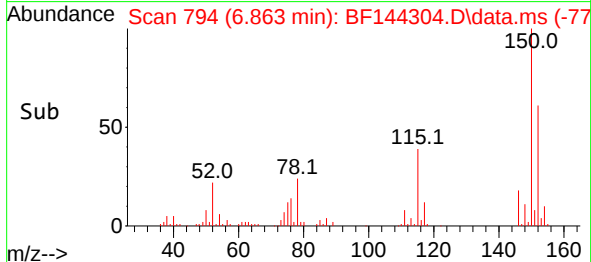
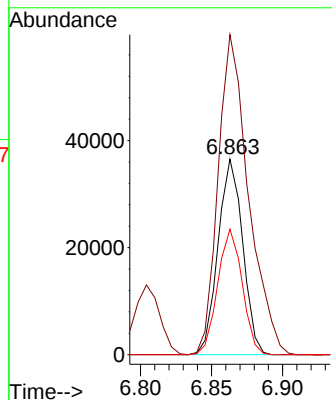
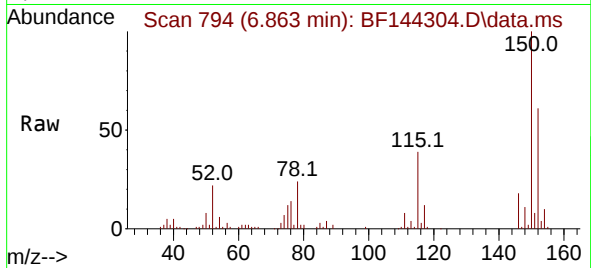




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144304.D
 Acq: 20 Nov 2025 19:56

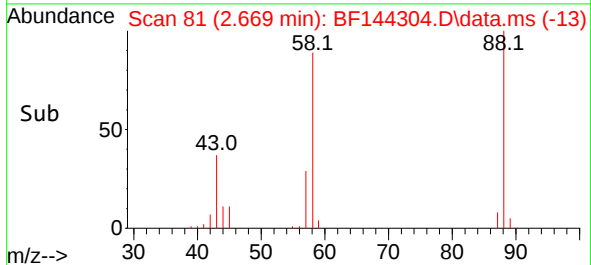
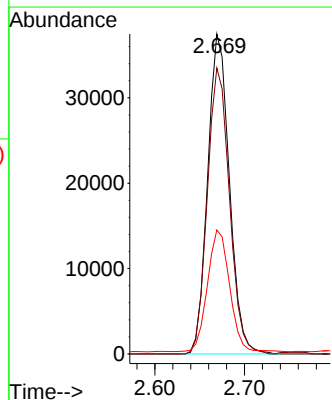
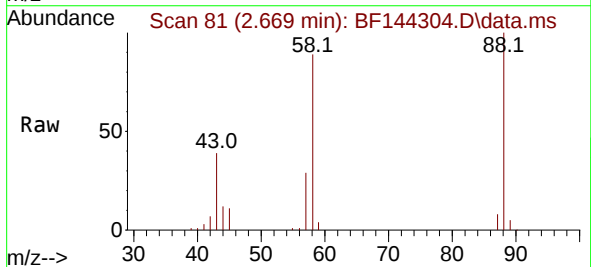
Instrument :
 BNA_F
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 B3-0.0-1.0-20251117MSD

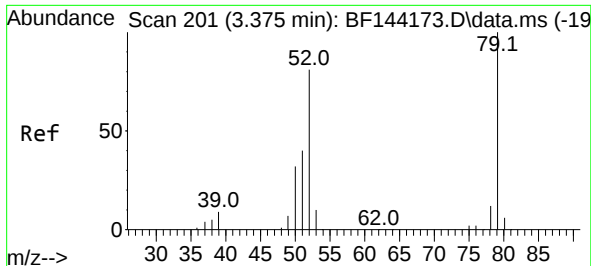
Tgt Ion:152 Resp: 44073
 Ion Ratio Lower Upper
 152 100
 150 163.6 127.4 191.0
 115 64.1 49.5 74.3



#2
 1,4-Dioxane
 Concen: 54.041 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.053 min
 Lab File: BF144304.D
 Acq: 20 Nov 2025 19:56

Tgt Ion: 88 Resp: 62924
 Ion Ratio Lower Upper
 88 100
 58 91.3 73.1 109.7
 43 38.8 31.0 46.6

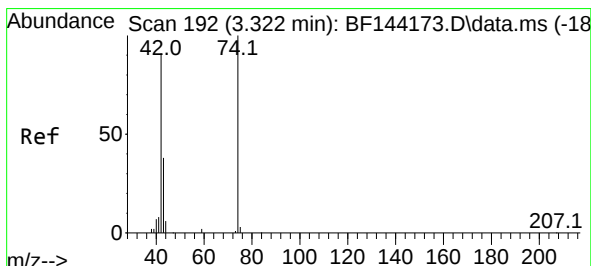
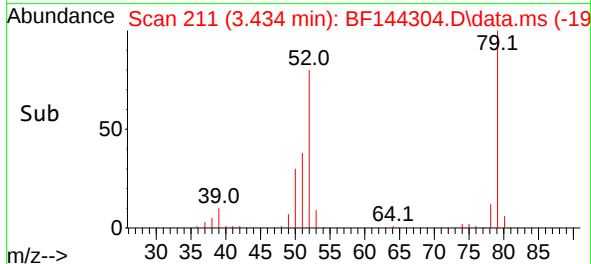
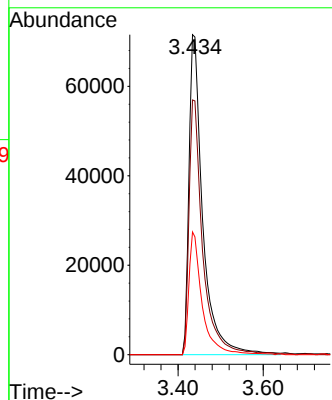
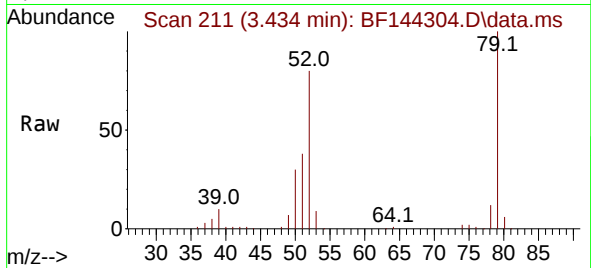




#3
Pyridine
Concen: 49.605 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

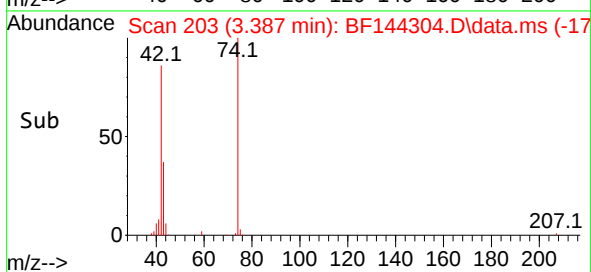
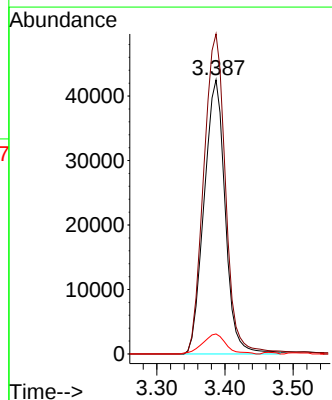
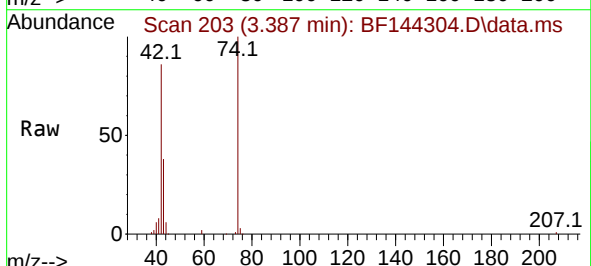
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

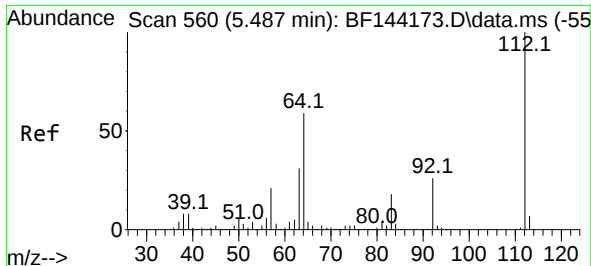
Tgt Ion: 79 Resp: 161142
Ion Ratio Lower Upper
79 100
52 79.6 64.5 96.7
51 38.4 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 54.016 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.041 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion: 42 Resp: 91656
Ion Ratio Lower Upper
42 100
74 116.7 88.2 132.4
44 7.3 5.7 8.5

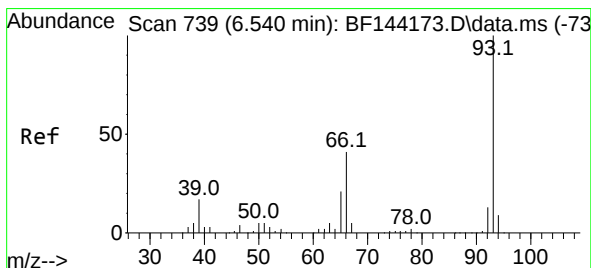
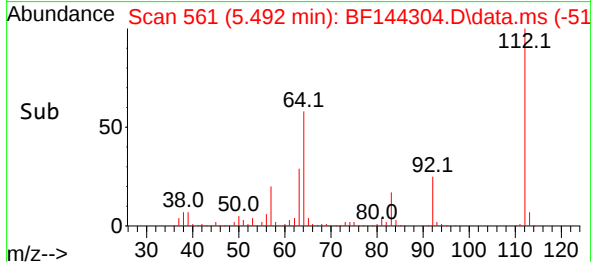
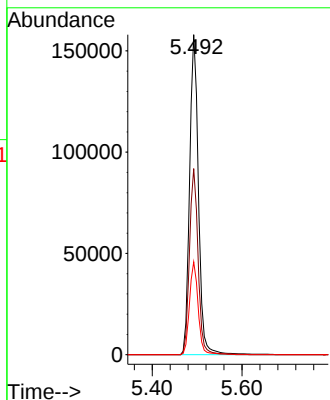
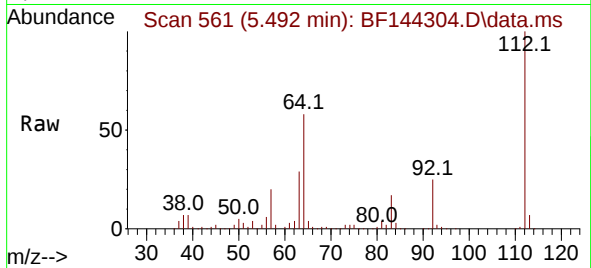




#5
2-Fluorophenol
Concen: 76.710 ng
RT: 5.492 min Scan# 501
Delta R.T. -0.000 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

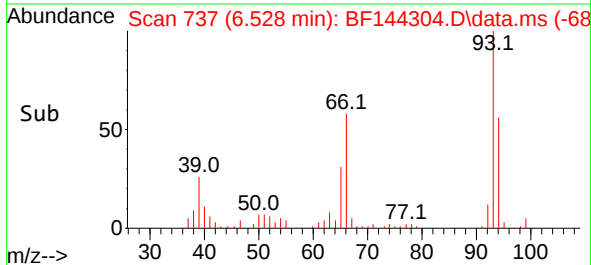
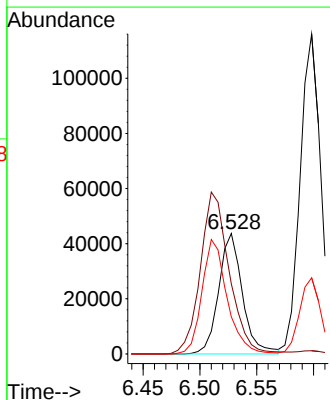
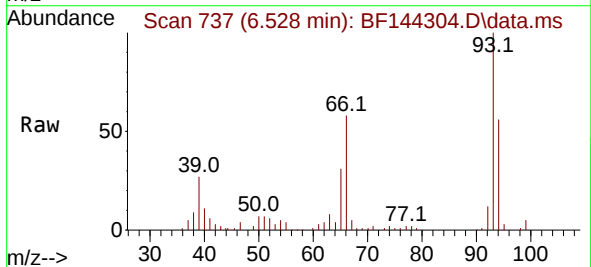
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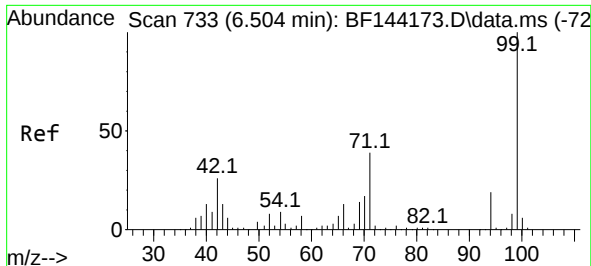
Tgt Ion:112 Resp: 216046
Ion Ratio Lower Upper
112 100
64 58.2 47.2 70.8
63 29.0 24.4 36.6



#6
Aniline
Concen: 13.988 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion: 93 Resp: 63599
Ion Ratio Lower Upper
93 100
66 58.2 34.3 51.5#
65 30.8 16.9 25.3#





#7

Phenol-d6

Concen: 74.502 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

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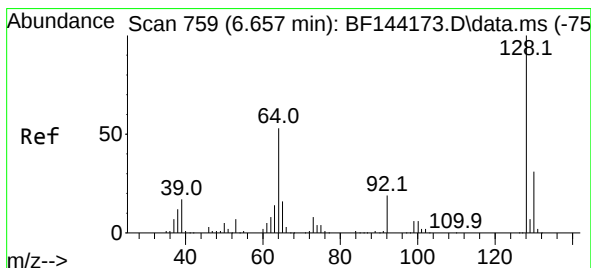
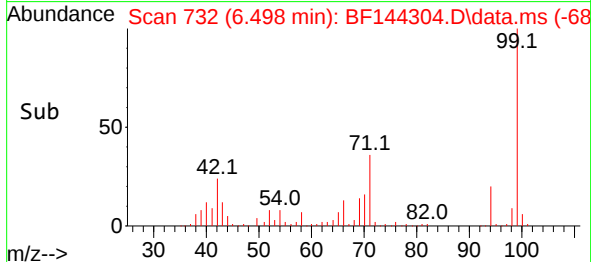
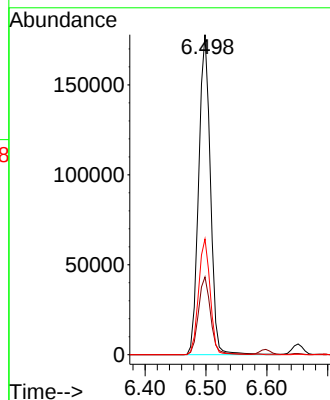
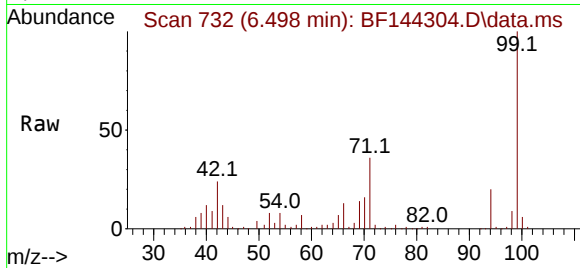
Tgt Ion: 99 Resp: 237752

Ion Ratio Lower Upper

99 100

42 24.3 20.9 31.3

71 36.1 31.4 47.2



#8

2-Chlorophenol

Concen: 48.711 ng

RT: 6.651 min Scan# 758

Delta R.T. -0.006 min

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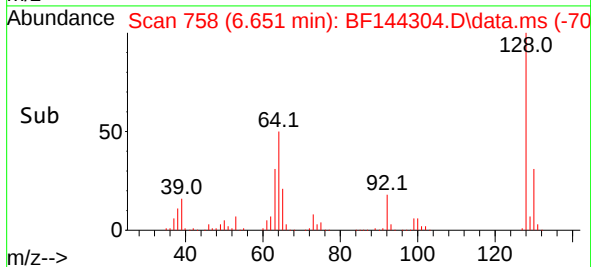
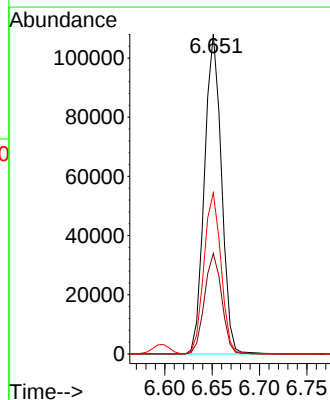
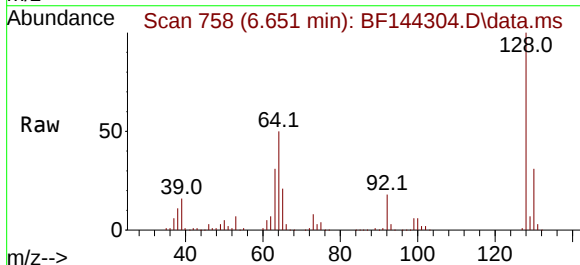
Tgt Ion:128 Resp: 134540

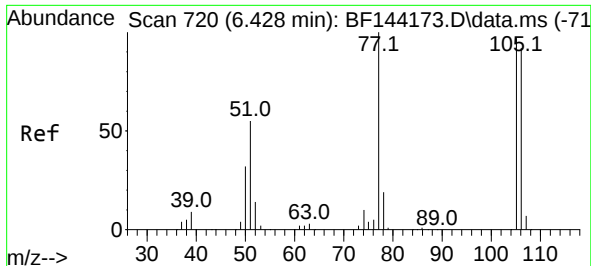
Ion Ratio Lower Upper

128 100

130 31.4 10.5 50.5

64 50.3 33.2 73.2

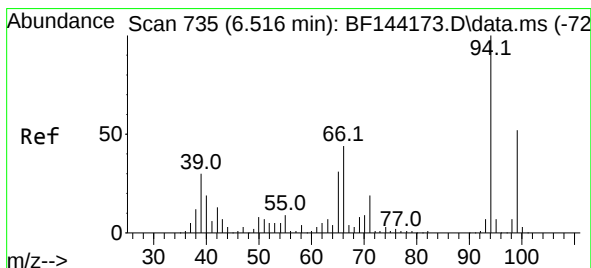
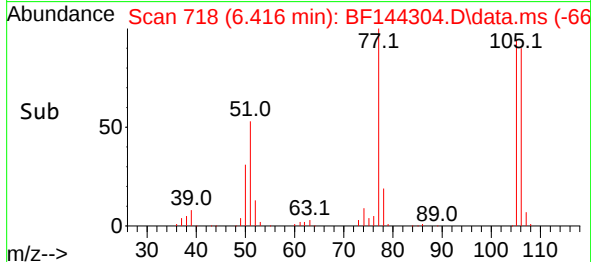
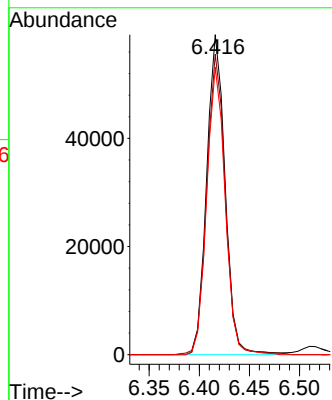
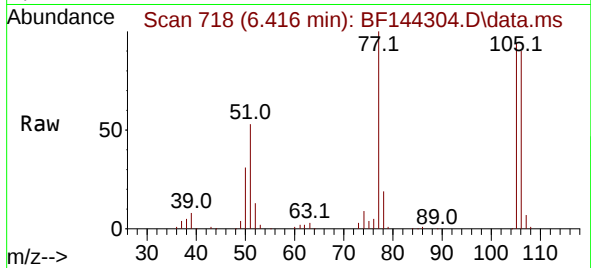




#9
Benzaldehyde
Concen: 42.059 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

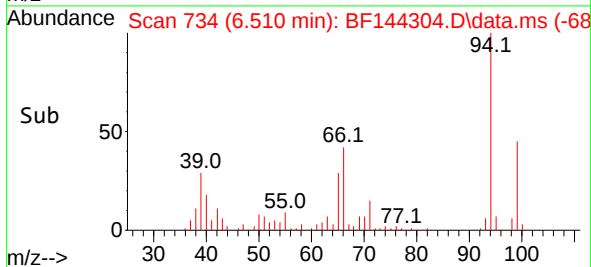
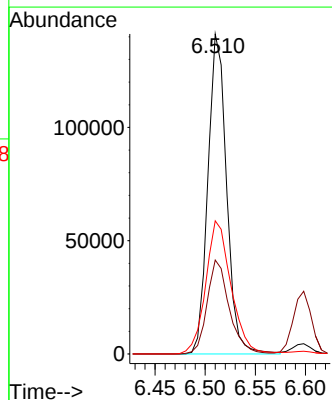
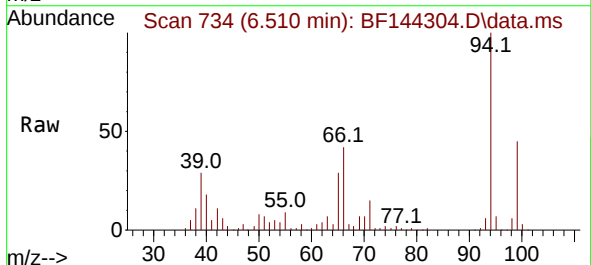
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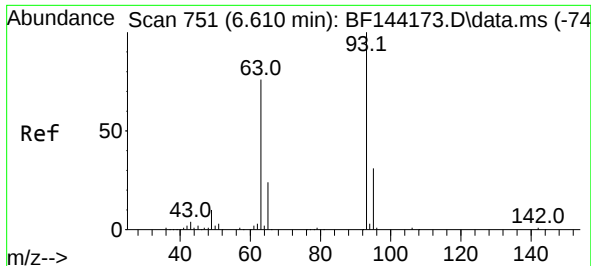
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Ion Ratio Lower Upper
77 100
105 93.9 77.2 117.2
106 89.8 72.2 112.2



#10
Phenol
Concen: 47.059 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion: 94 Resp: 183480
Ion Ratio Lower Upper
94 100
65 29.4 10.8 50.8
66 41.6 24.3 64.3

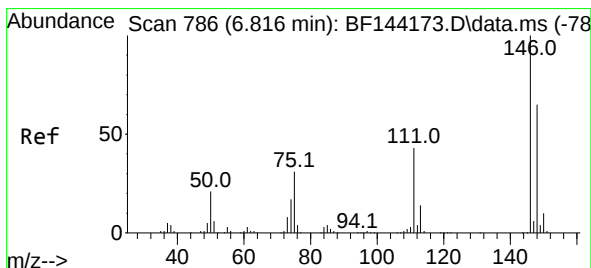
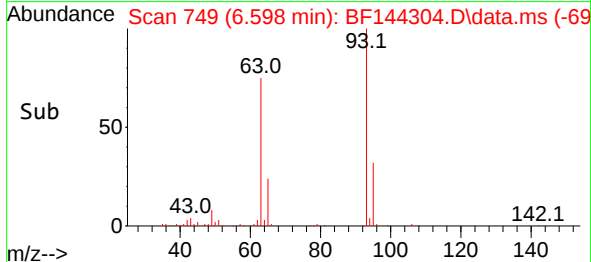
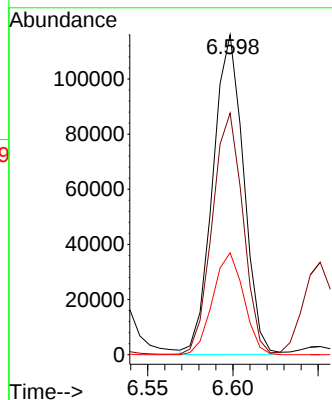
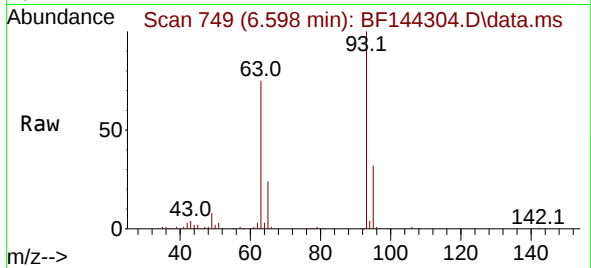




#11
bis(2-Chloroethyl)ether
Concen: 51.241 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

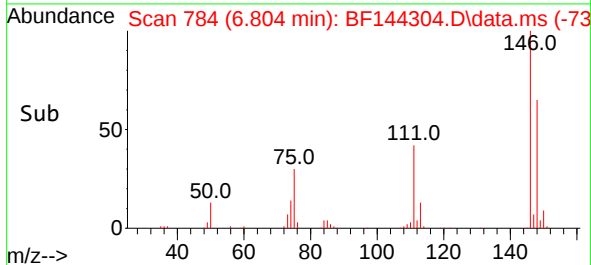
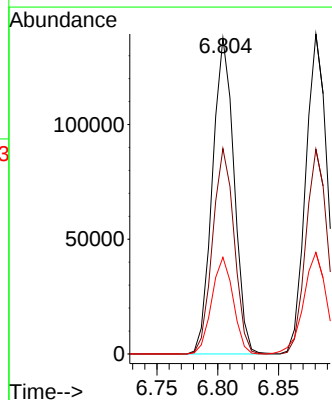
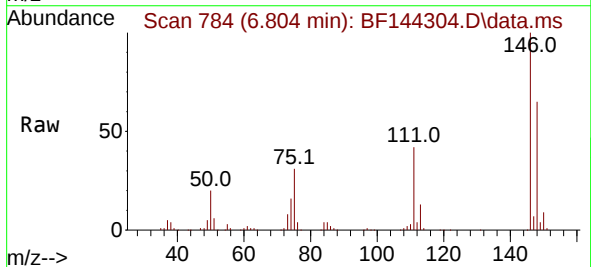
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

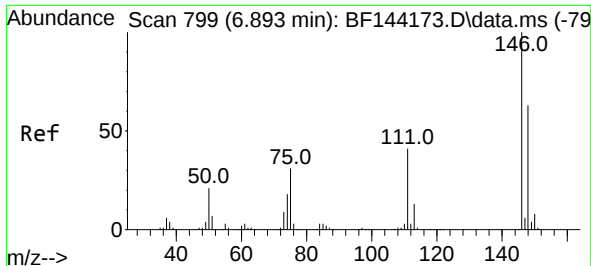
Tgt Ion: 93 Resp: 145578
Ion Ratio Lower Upper
93 100
63 75.5 55.2 95.2
95 31.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 50.025 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion: 146 Resp: 170495
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 30.6 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 50.241 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

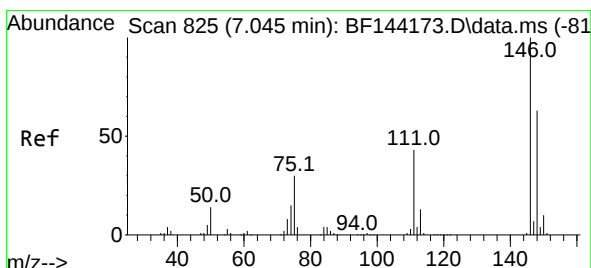
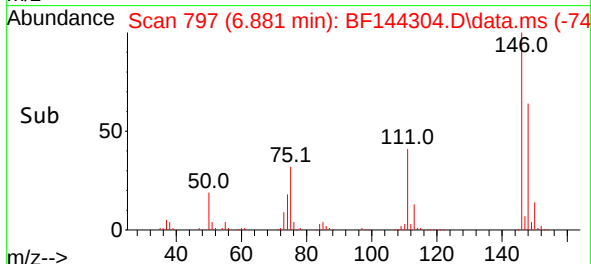
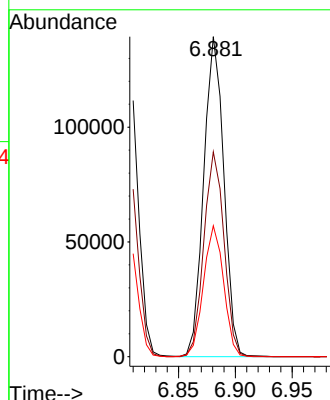
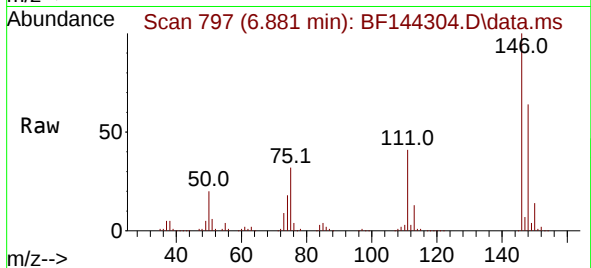
Tgt Ion:146 Resp: 171549

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

111 40.9 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 49.419 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

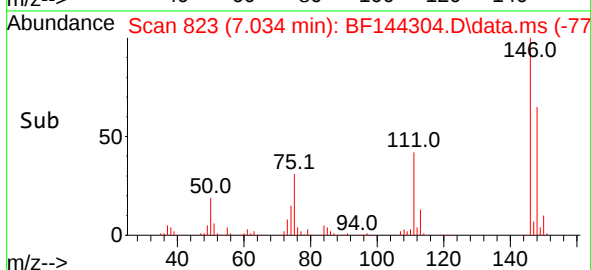
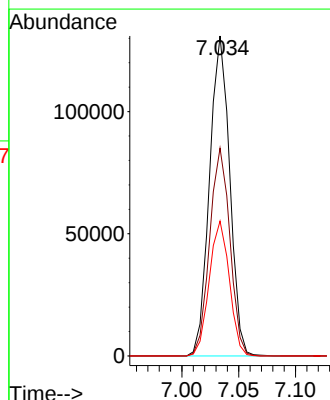
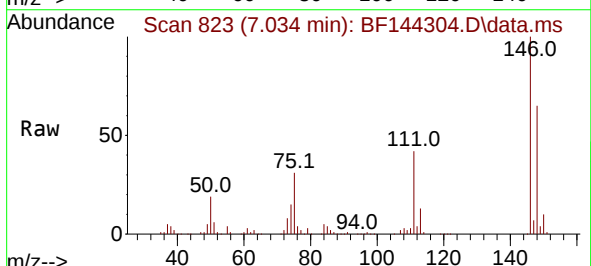
Tgt Ion:146 Resp: 161736

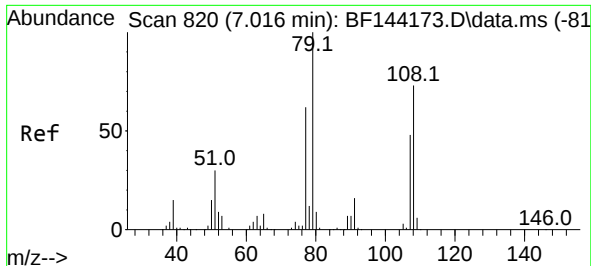
Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

111 42.2 34.2 51.4

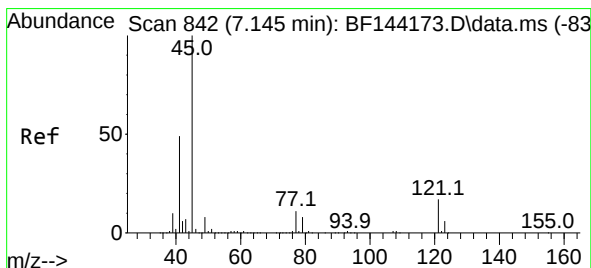
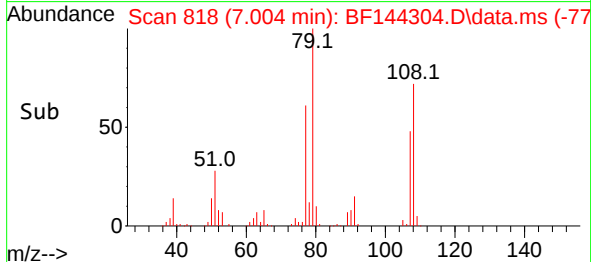
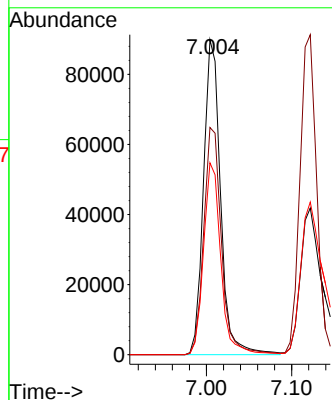
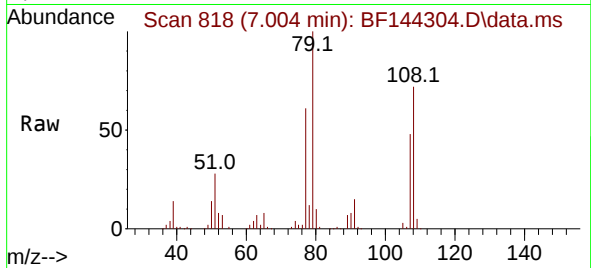




#15
Benzyl Alcohol
Concen: 49.558 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

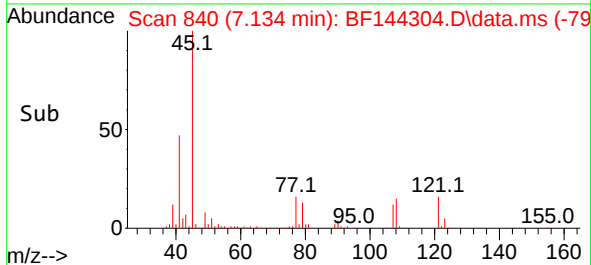
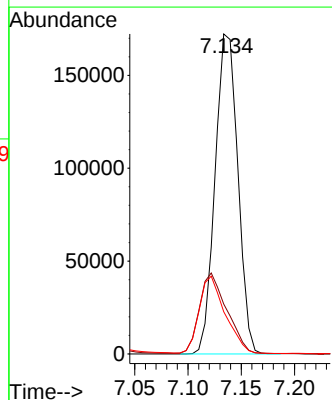
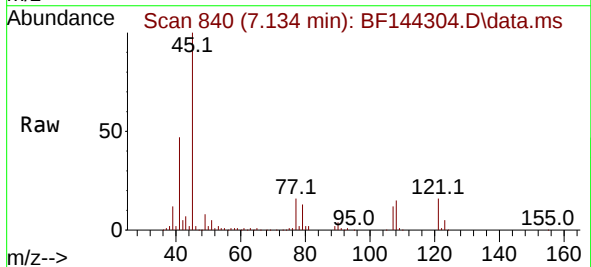
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

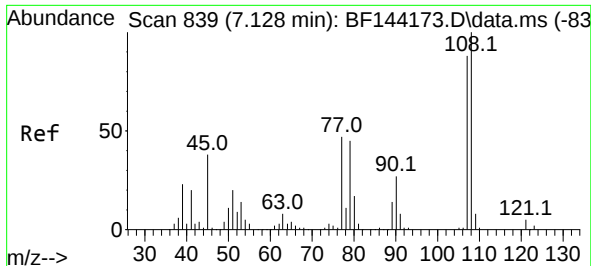
Tgt Ion: 79 Resp: 125227
Ion Ratio Lower Upper
79 100
108 72.1 58.2 87.4
77 61.0 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.905 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion: 45 Resp: 255861
Ion Ratio Lower Upper
45 100
77 15.6 0.0 31.8
79 13.2 0.0 29.1

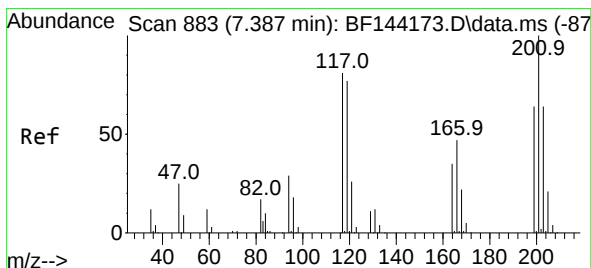
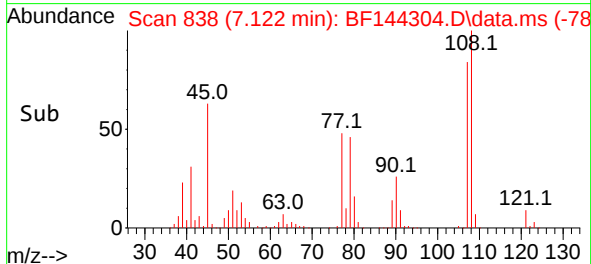
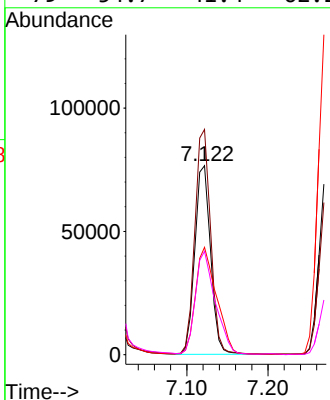
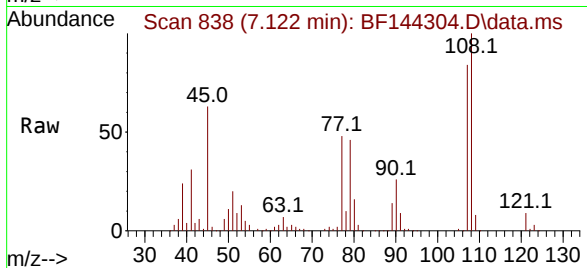




#17
2-Methylphenol
Concen: 47.143 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

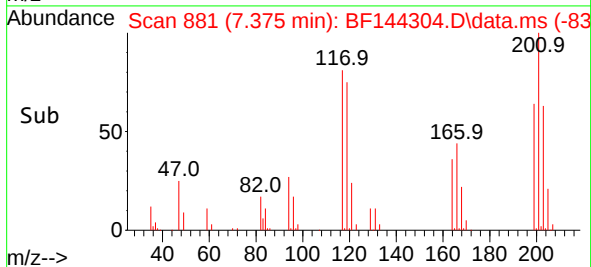
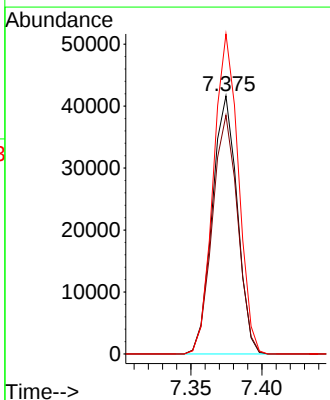
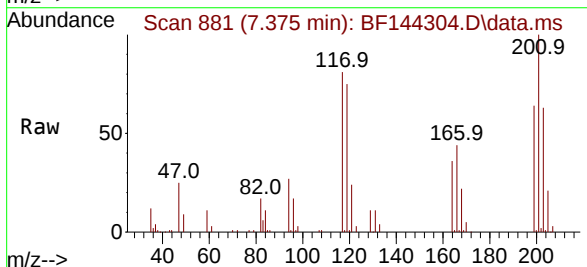
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

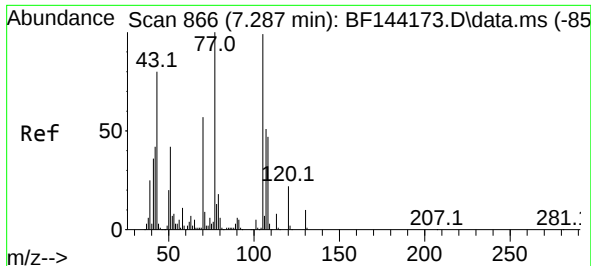
Tgt Ion:	107	Resp:	103587
Ion	Ratio	Lower	Upper
107	100		
108	119.2	91.0	136.4
77	56.9	42.7	64.1
79	54.7	41.4	62.2



#18
Hexachloroethane
Concen: 44.889 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:	117	Resp:	50922
Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.8	113.8
201	124.0	98.9	148.3

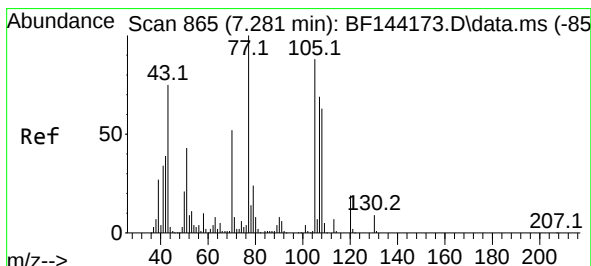
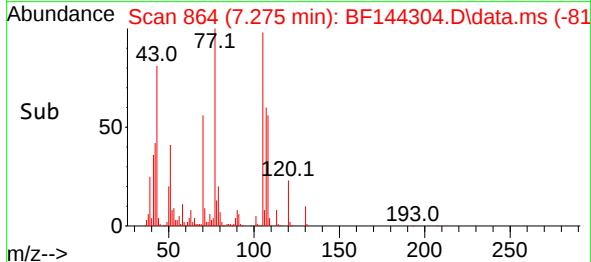
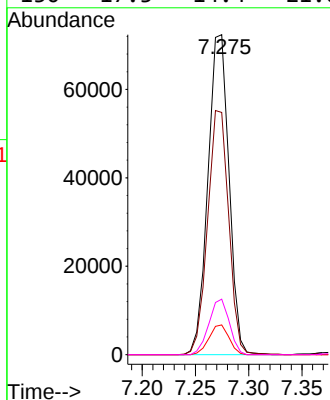
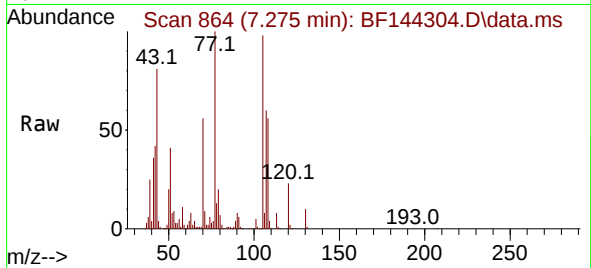




#19
n-Nitroso-di-n-propylamine
Concen: 47.359 ng
RT: 7.275 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

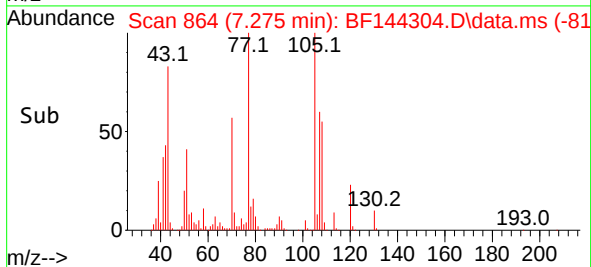
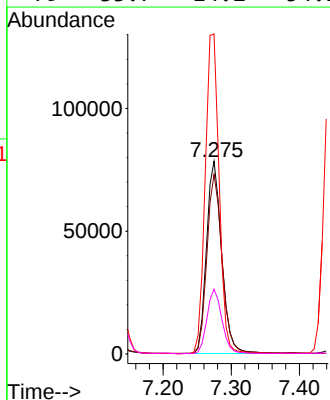
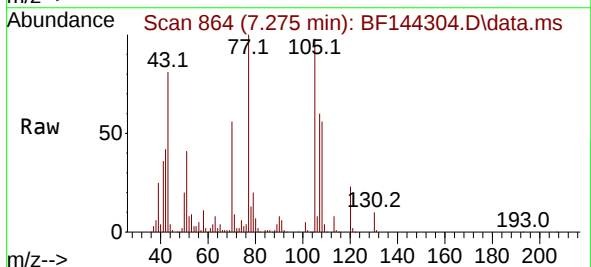
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

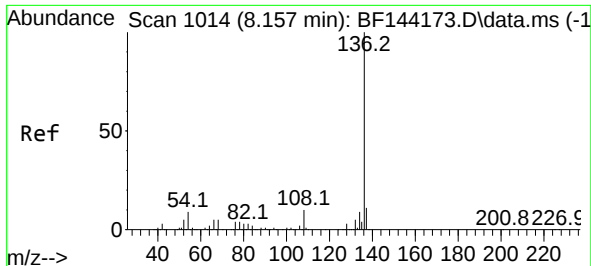
Tgt Ion:	70	Resp:	99491
Ion	Ratio	Lower	Upper
70	100		
42	75.7	58.3	87.5
101	9.3	7.0	10.6
130	17.3	14.4	21.6



#20
3+4-Methylphenols
Concen: 46.759 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:	107	Resp:	121115
Ion	Ratio	Lower	Upper
107	100		
108	93.2	70.2	110.2
77	166.2	123.9	163.9#
79	33.7	14.2	54.2

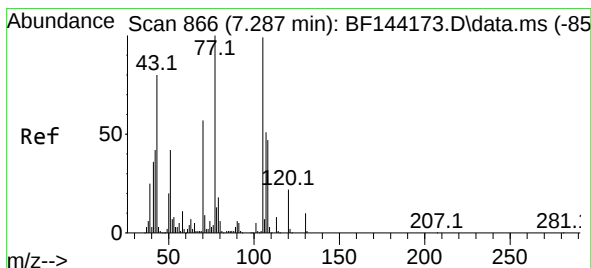
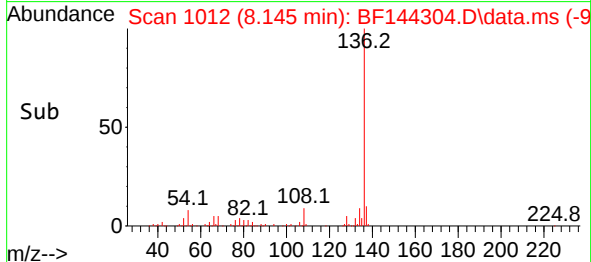
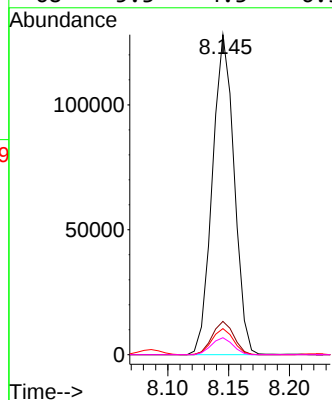
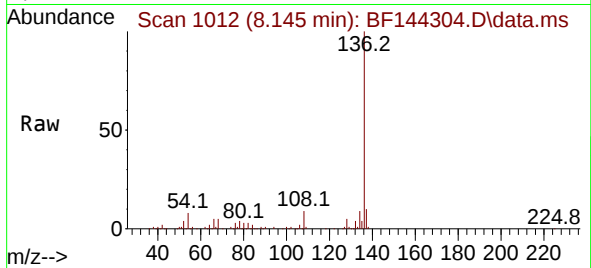




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

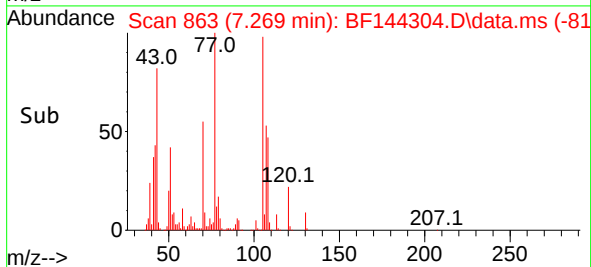
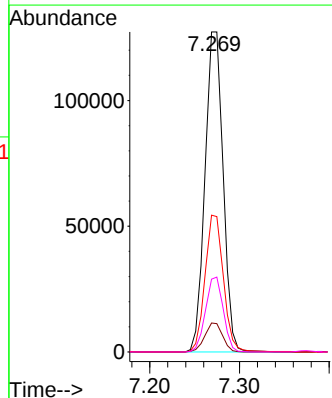
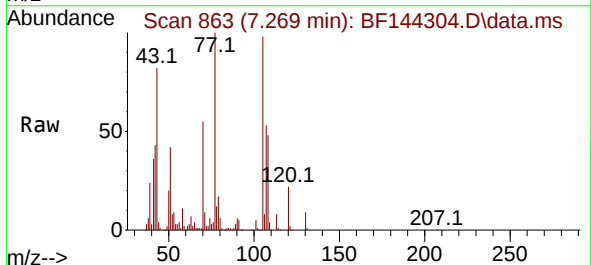
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

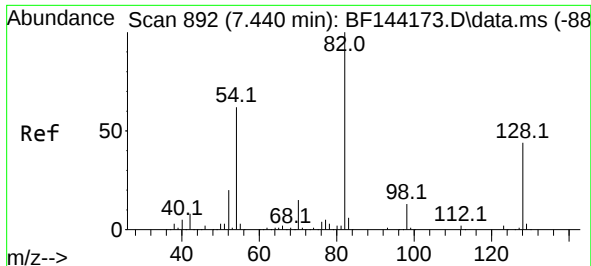
Tgt Ion:136 Resp: 159722
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.1 7.0 10.6
68 5.3 4.3 6.5



#22
Acetophenone
Concen: 52.200 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:105 Resp: 178859
Ion Ratio Lower Upper
105 100
71 9.0 7.2 10.8
51 42.8 34.0 51.0
120 22.7 17.8 26.6

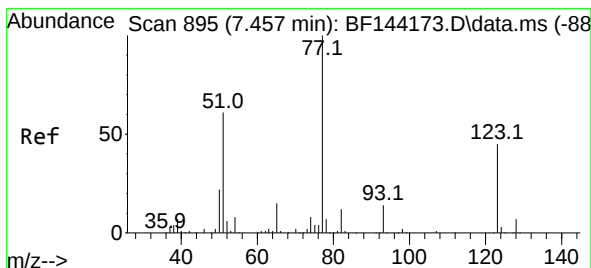
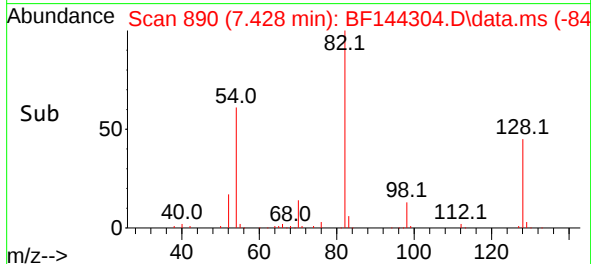
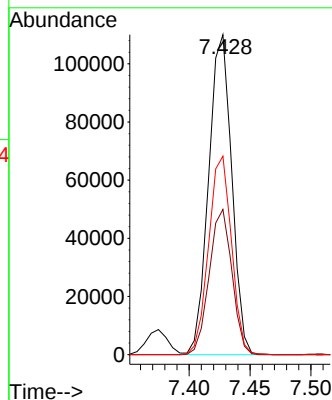
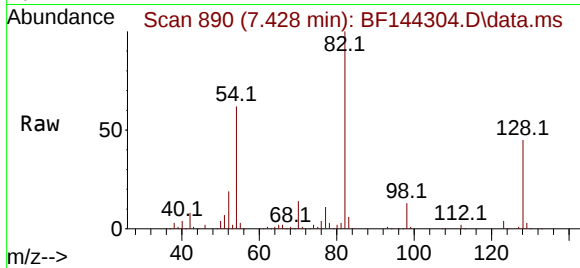




#23
Nitrobenzene-d5
Concen: 52.500 ng
RT: 7.428 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

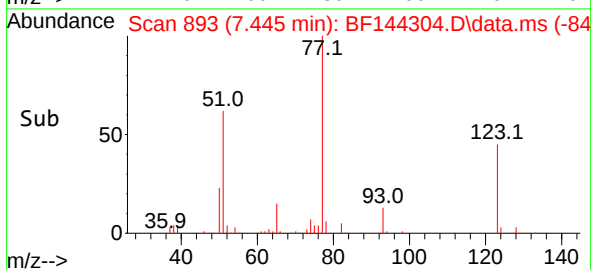
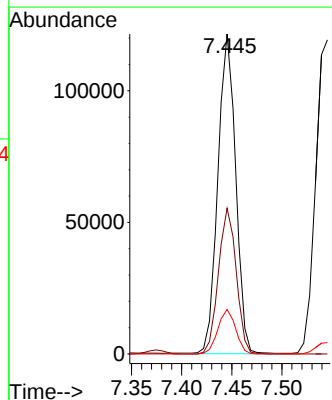
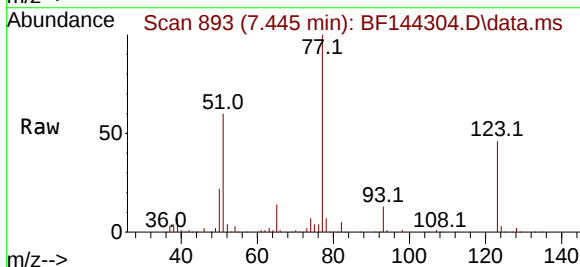
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

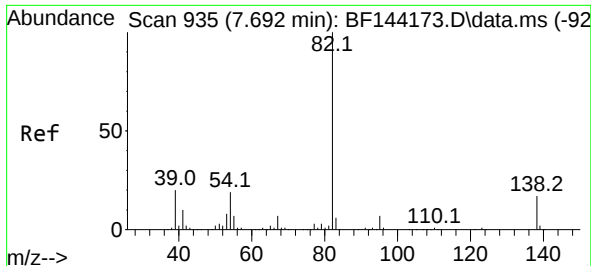
Tgt Ion: 82 Resp: 145188
Ion Ratio Lower Upper
82 100
128 45.4 34.7 52.1
54 62.1 49.5 74.3



#24
Nitrobenzene
Concen: 49.940 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion: 77 Resp: 149955
Ion Ratio Lower Upper
77 100
123 45.6 35.8 53.8
65 13.9 12.2 18.2

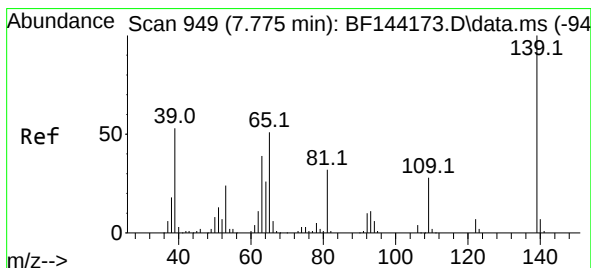
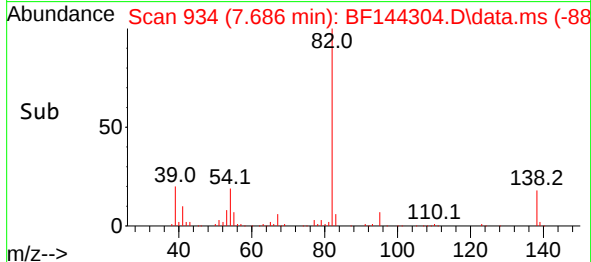
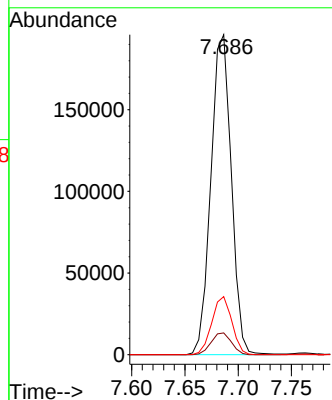
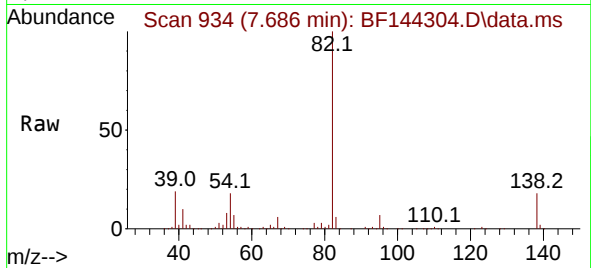




#25
Isophorone
Concen: 49.892 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

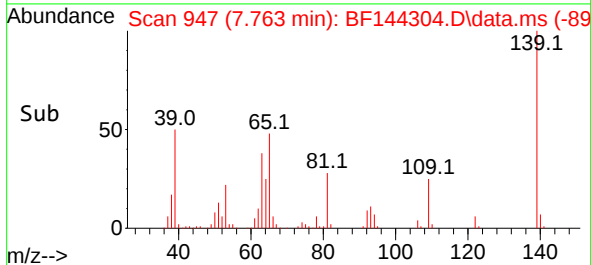
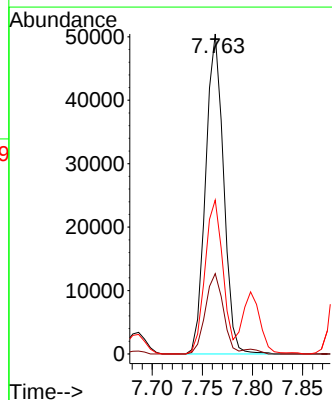
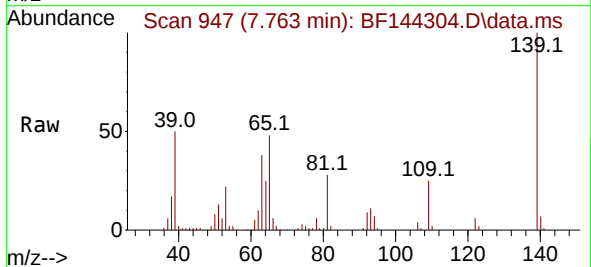
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

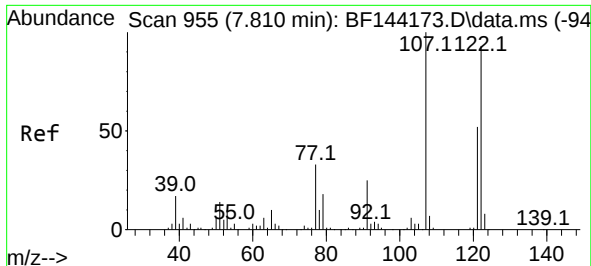
Tgt Ion: 82 Resp: 260987
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.1 13.7 20.5



#26
2-Nitrophenol
Concen: 42.444 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:139 Resp: 63088
Ion Ratio Lower Upper
139 100
109 25.1 22.2 33.2
65 48.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 54.427 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

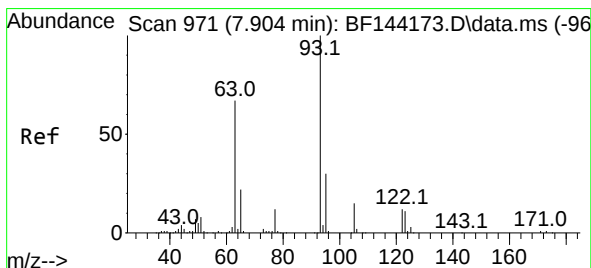
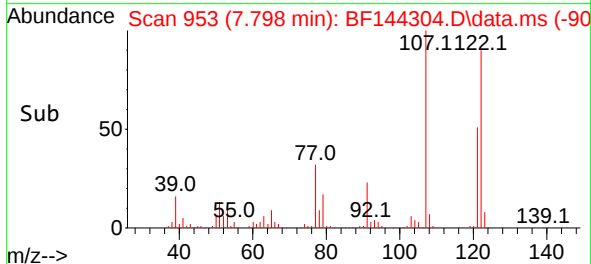
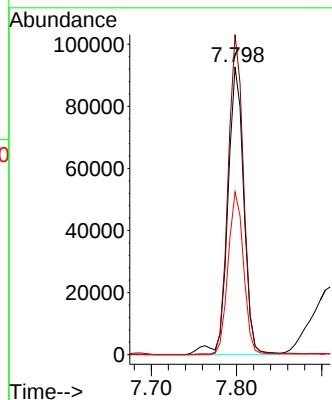
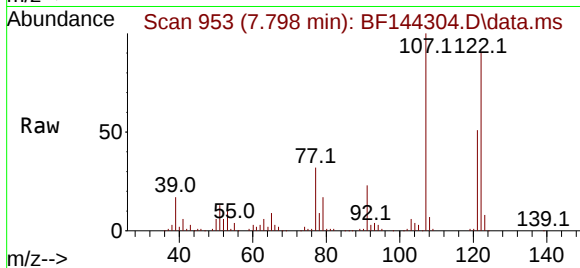
Tgt Ion:122 Resp: 121255

Ion Ratio Lower Upper

122 100

107 111.2 86.2 129.4

121 56.6 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 51.311 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

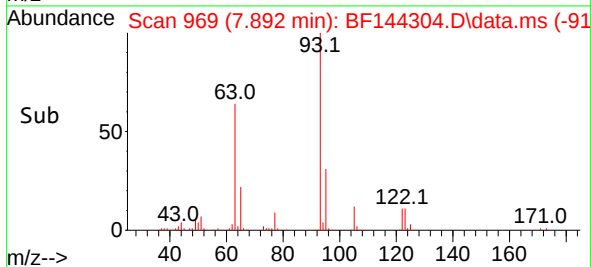
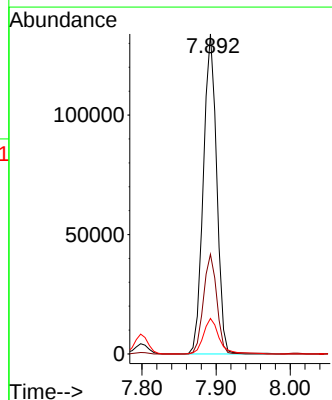
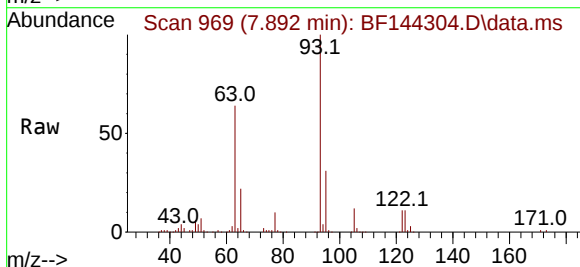
Tgt Ion: 93 Resp: 167610

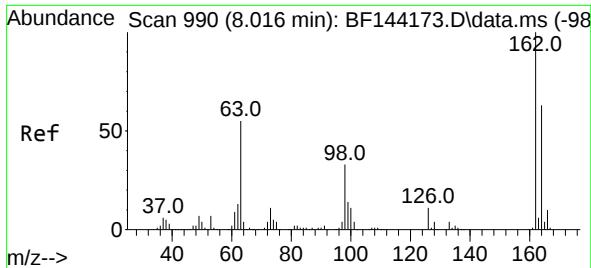
Ion Ratio Lower Upper

93 100

95 31.2 24.2 36.4

123 11.1 9.0 13.4

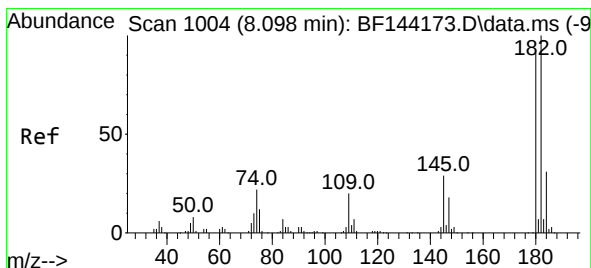
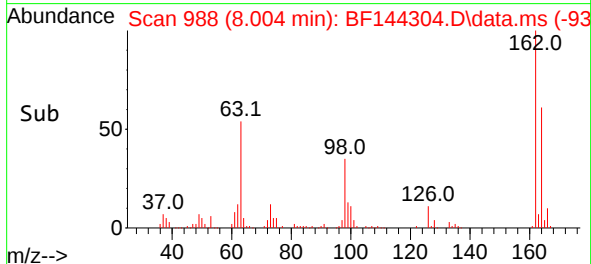
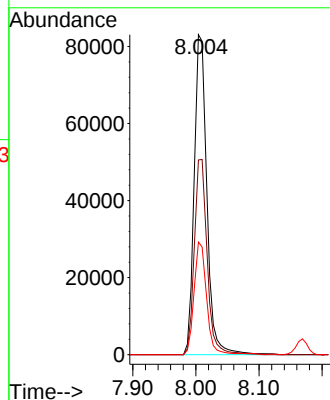
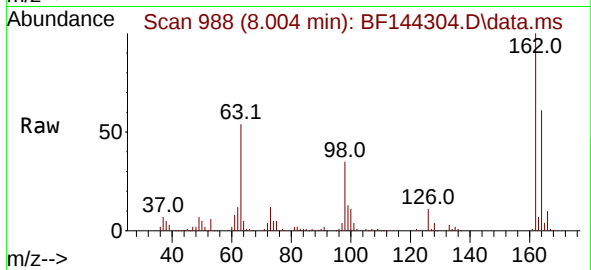




#29
2,4-Dichlorophenol
Concen: 45.245 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

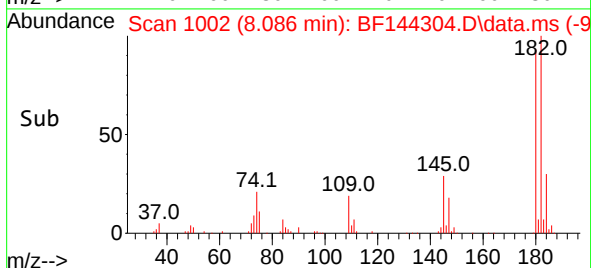
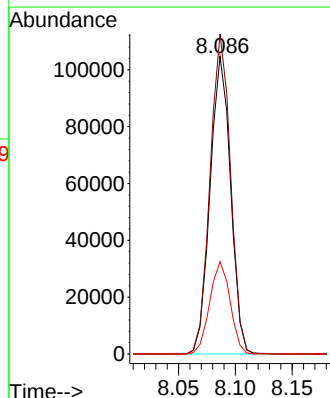
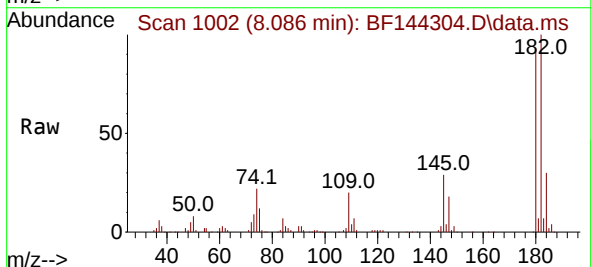
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

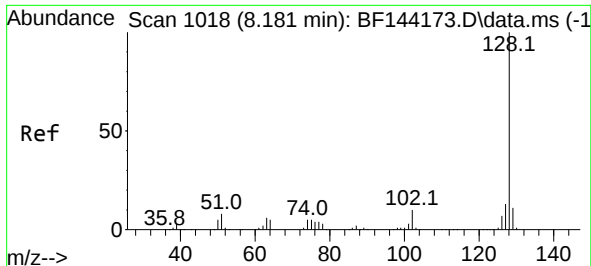
Tgt Ion:162 Resp: 116177
Ion Ratio Lower Upper
162 100
164 60.9 42.9 82.9
98 35.2 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 49.767 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

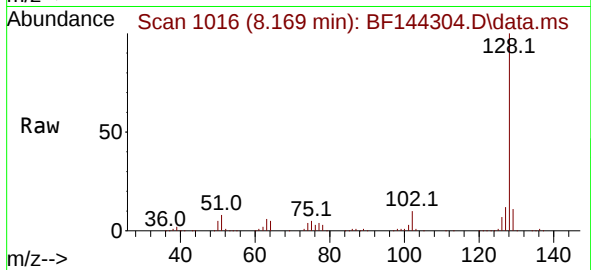
Tgt Ion:180 Resp: 131220
Ion Ratio Lower Upper
180 100
182 107.5 87.7 131.5
145 31.0 25.4 38.0



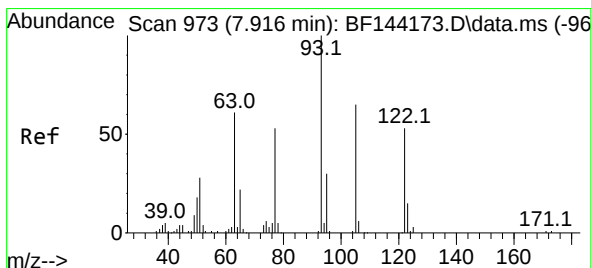
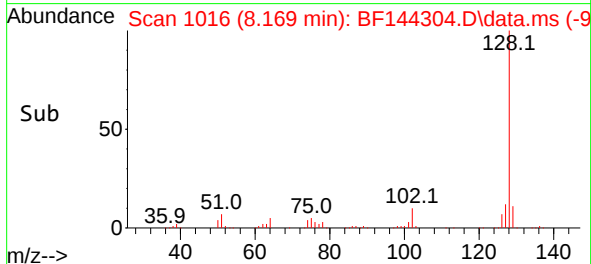
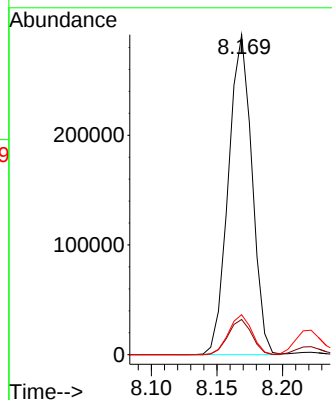


#31
Naphthalene
Concen: 48.092 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

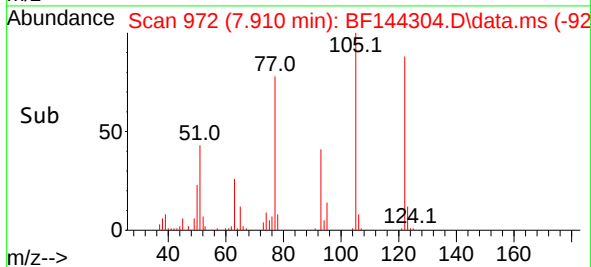
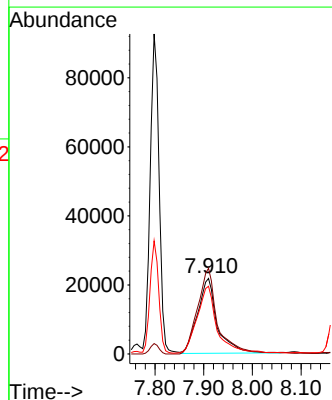
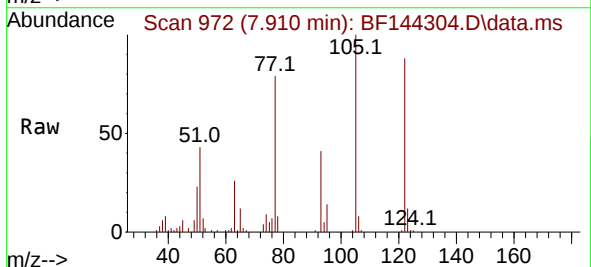


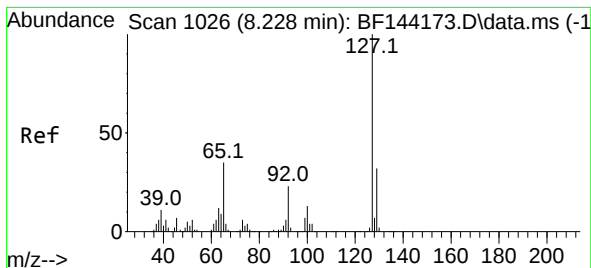
Tgt Ion:128 Resp: 365391
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 37.181 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.041 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:122 Resp: 60719
Ion Ratio Lower Upper
122 100
105 113.5 99.9 139.9
77 89.7 77.5 117.5





#33

4-Chloroaniline

Concen: 12.773 ng

RT: 8.222 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

Tgt Ion:127 Resp: 35395

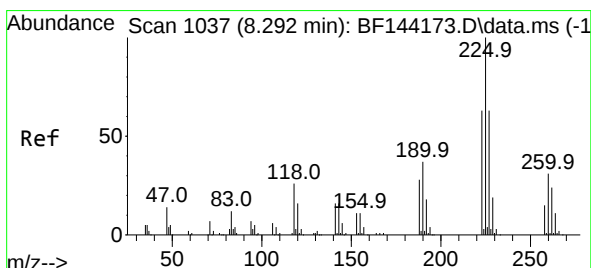
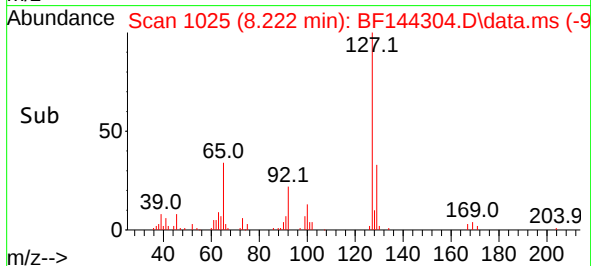
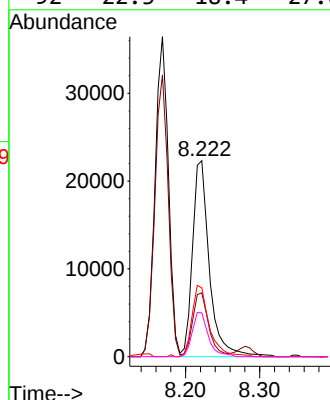
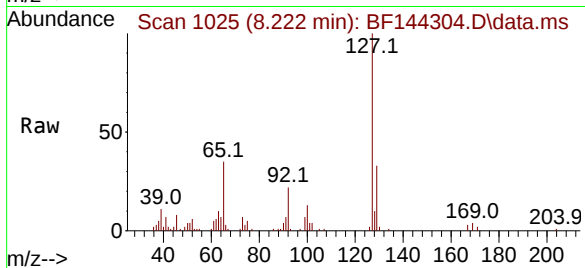
Ion Ratio Lower Upper

127 100

129 32.6 25.3 37.9

65 35.1 27.6 41.4

92 22.3 18.4 27.6



#34

Hexachlorobutadiene

Concen: 45.892 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

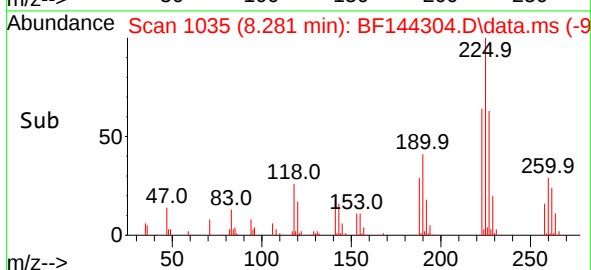
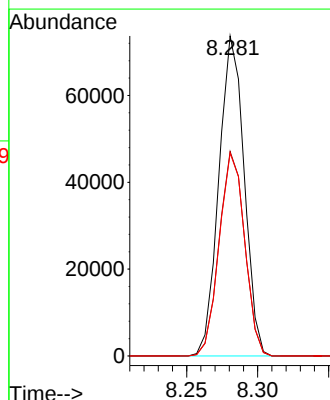
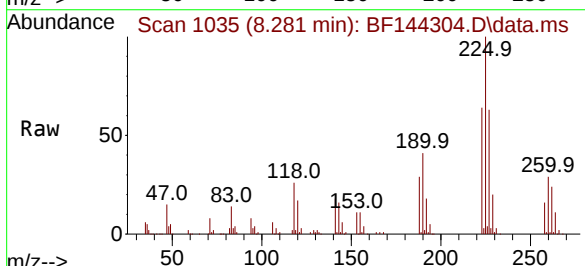
Tgt Ion:225 Resp: 91193

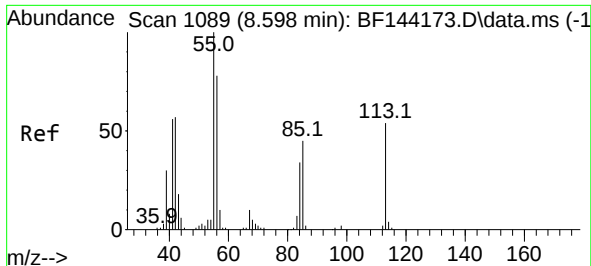
Ion Ratio Lower Upper

225 100

223 63.9 50.2 75.4

227 63.4 50.1 75.1

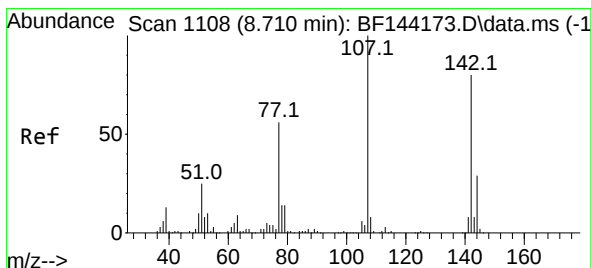
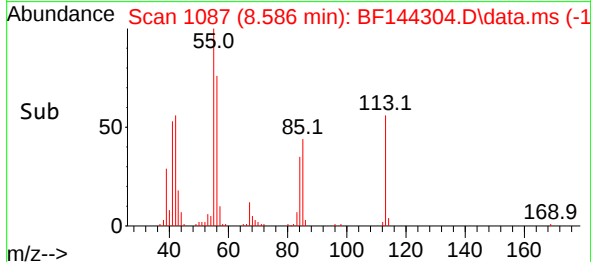
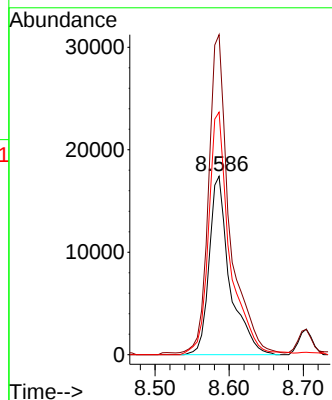
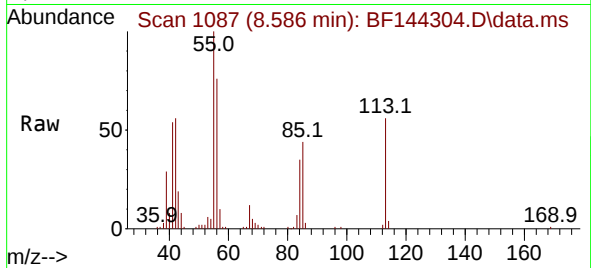




#35
Caprolactam
Concen: 47.818 ng
RT: 8.586 min Scan# 1107
Delta R.T. -0.035 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

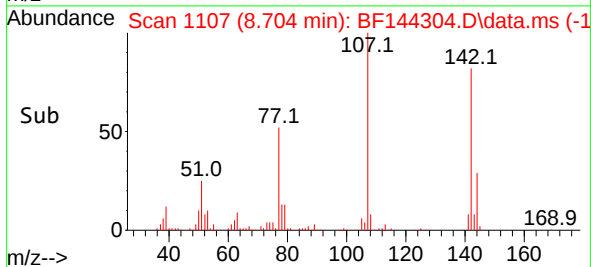
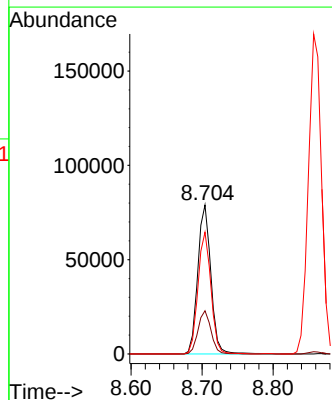
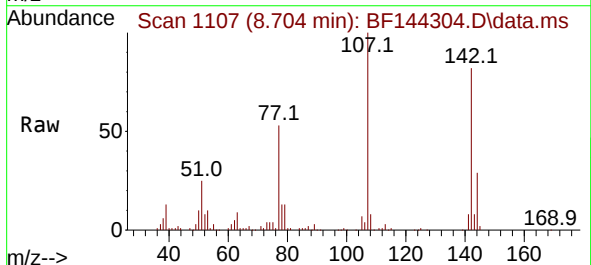
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

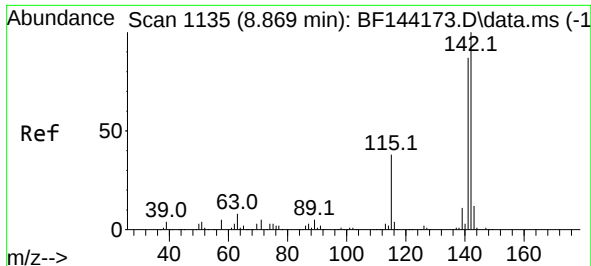
Tgt Ion:113 Resp: 33639
Ion Ratio Lower Upper
113 100
55 179.3 166.8 206.8
56 136.0 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 44.267 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:107 Resp: 101868
Ion Ratio Lower Upper
107 100
144 29.0 23.3 34.9
142 81.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 42.648 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

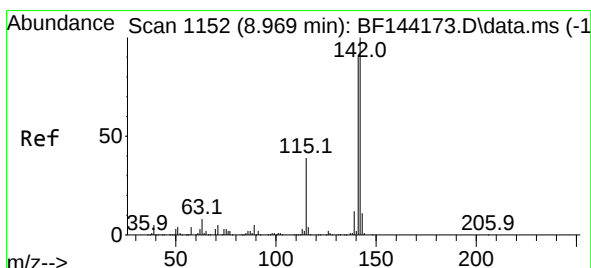
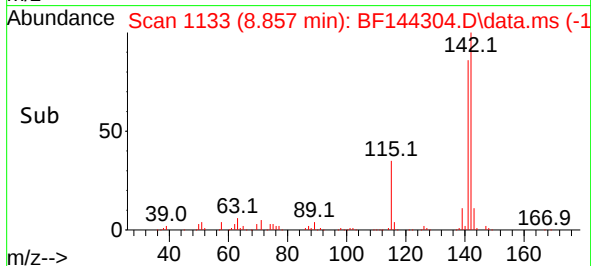
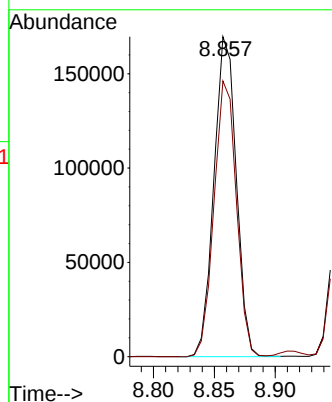
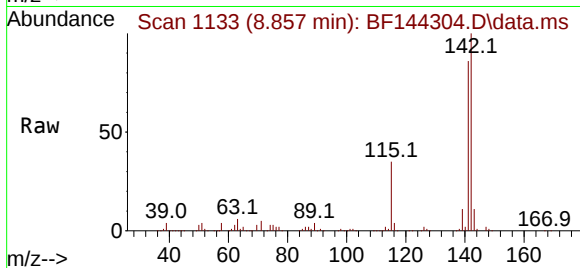
B3-0.0-1.0-20251117MSD

Tgt Ion:142 Resp: 216643

Ion Ratio Lower Upper

142 100

141 86.2 69.9 104.9



#38

1-Methylnaphthalene

Concen: 44.755 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144304.D

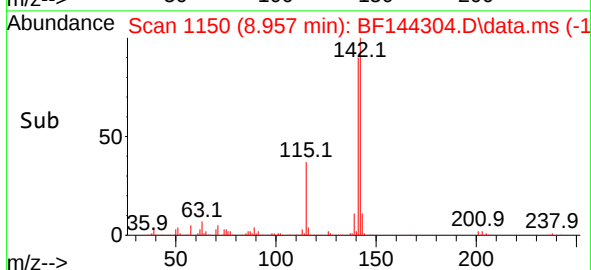
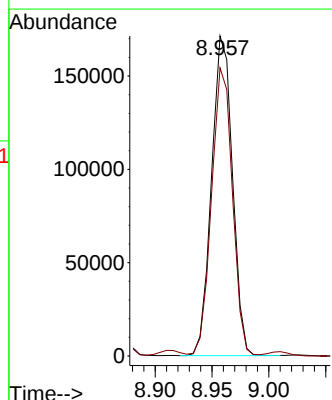
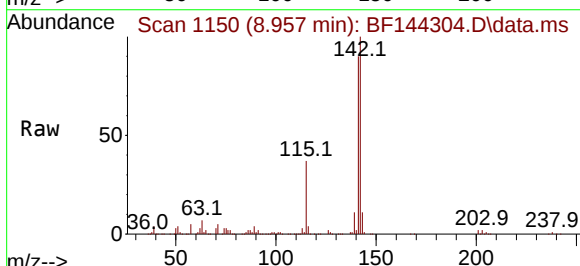
Acq: 20 Nov 2025 19:56

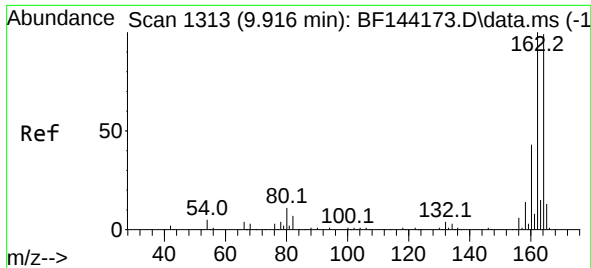
Tgt Ion:142 Resp: 219367

Ion Ratio Lower Upper

142 100

141 90.0 72.1 108.1

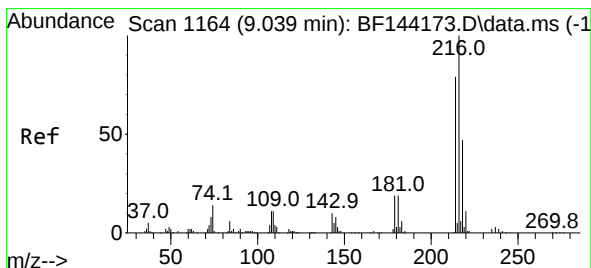
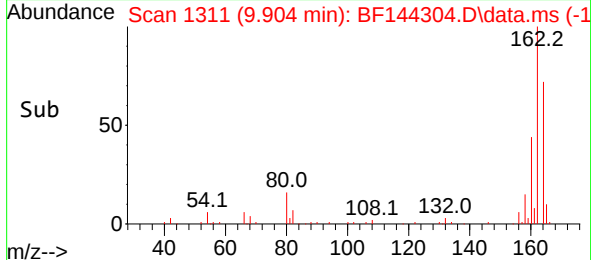
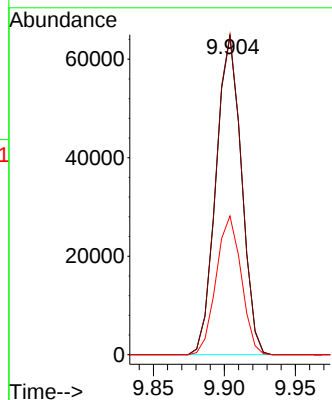
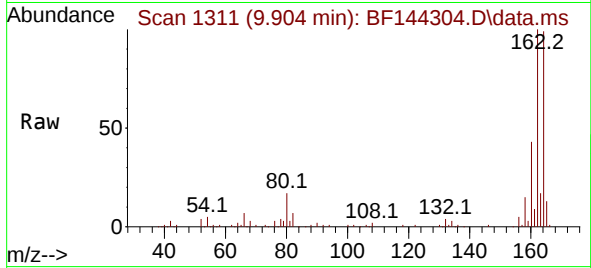




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

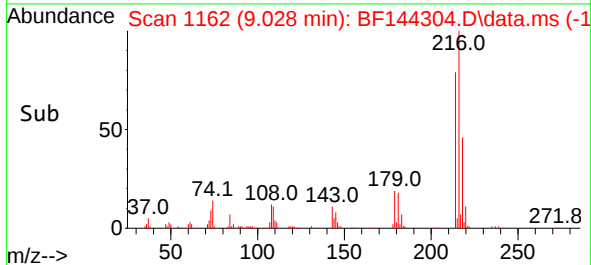
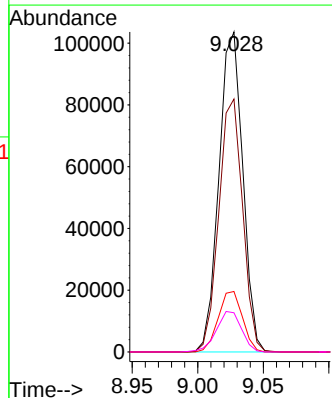
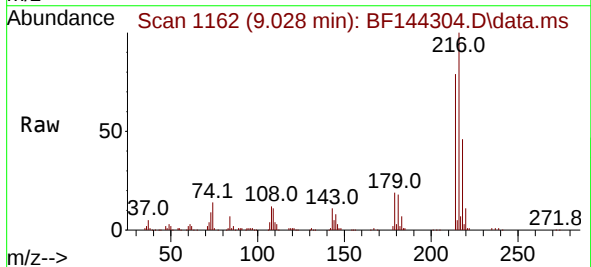
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

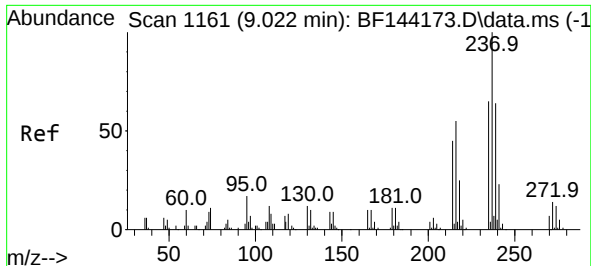
Tgt Ion:164 Resp: 80476
Ion Ratio Lower Upper
164 100
162 100.6 81.1 121.7
160 43.6 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.583 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

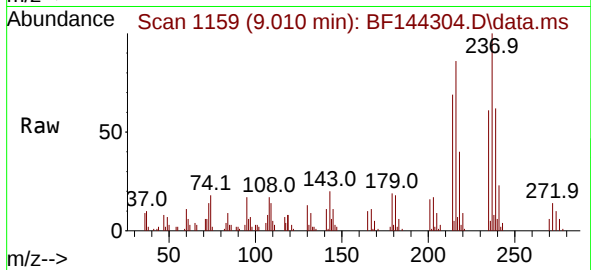
Tgt Ion:216 Resp: 130774
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.2
179 19.3 15.0 22.4
108 13.5 10.5 15.7



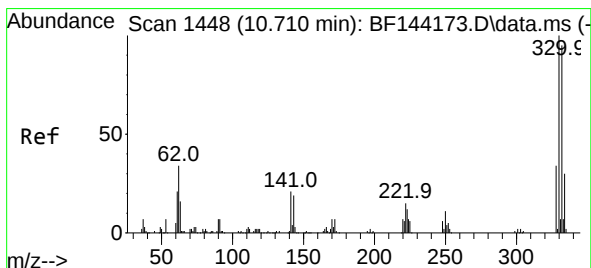
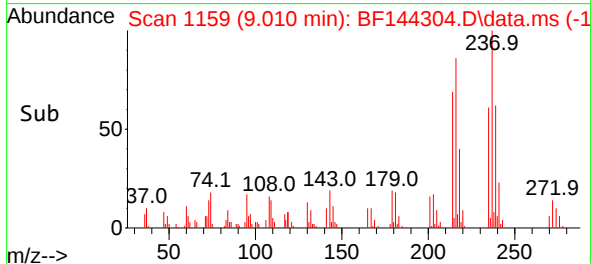
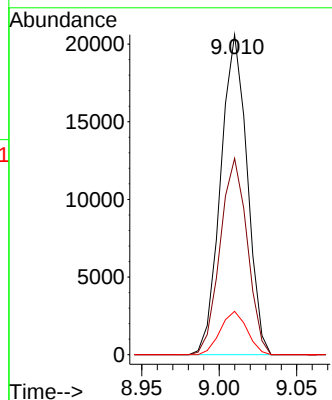


#41
Hexachlorocyclopentadiene
Concen: 32.525 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

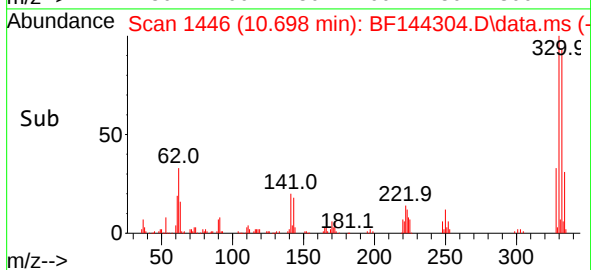
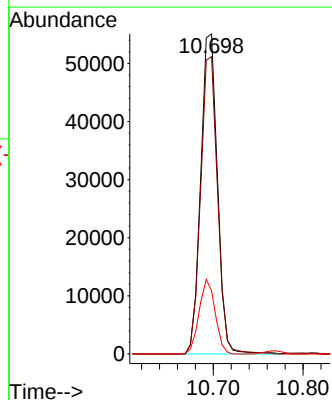
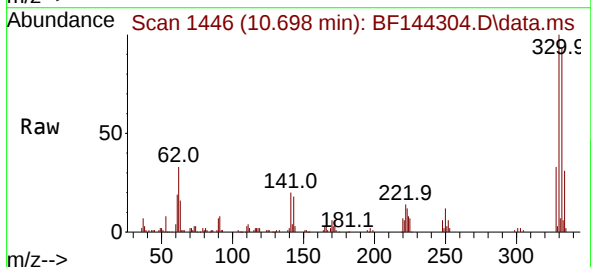


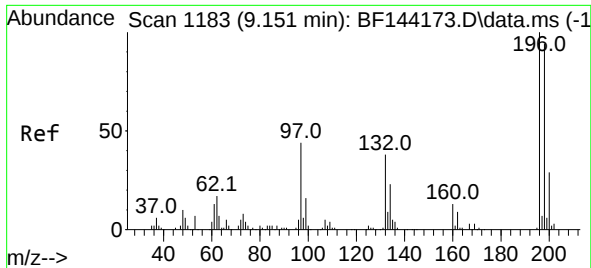
Tgt Ion:237 Resp: 24474
Ion Ratio Lower Upper
237 100
235 61.4 45.5 85.5
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 70.703 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:330 Resp: 71402
Ion Ratio Lower Upper
330 100
332 93.8 76.7 115.1
141 22.3 17.8 26.8

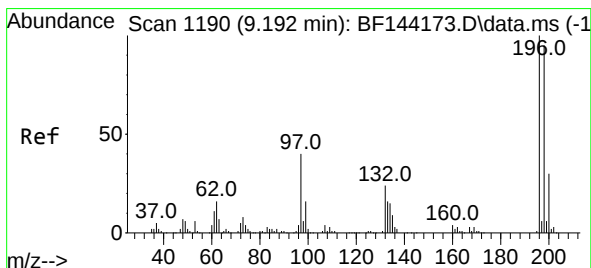
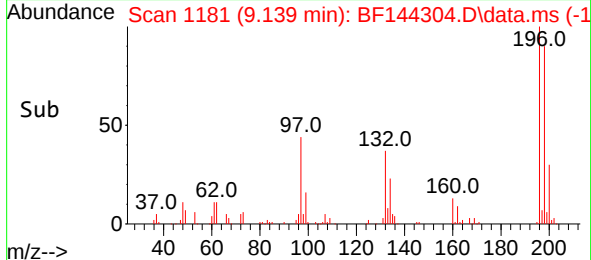
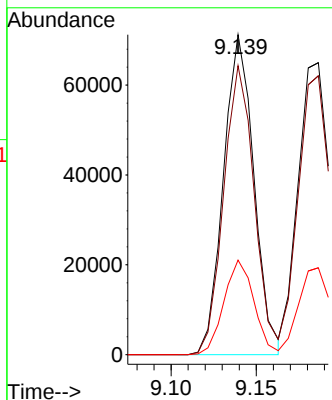
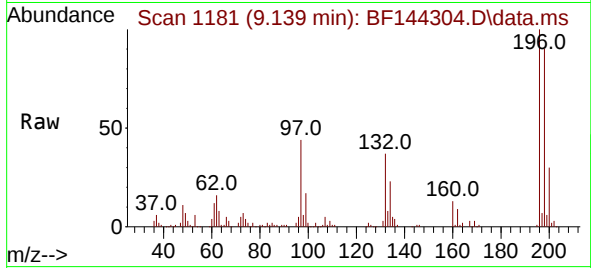




#43
2,4,6-Trichlorophenol
Concen: 49.276 ng
RT: 9.139 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

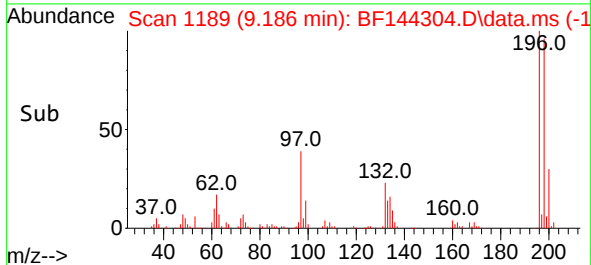
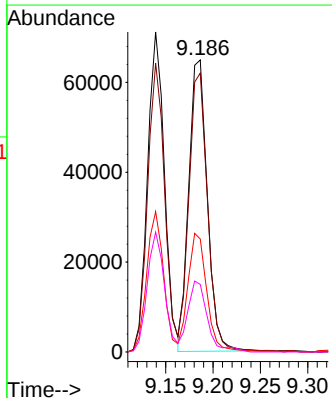
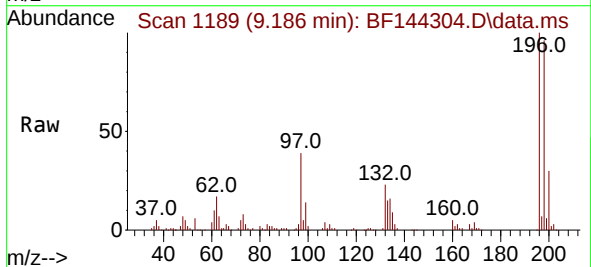
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

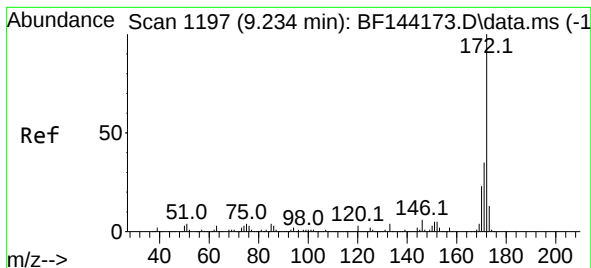
Tgt Ion:196 Resp: 88455
Ion Ratio Lower Upper
196 100
198 90.3 75.3 112.9
200 29.5 23.4 35.2



#44
2,4,5-Trichlorophenol
Concen: 45.769 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:196 Resp: 88549
Ion Ratio Lower Upper
196 100
198 95.6 76.1 114.1
97 38.7 31.9 47.9
132 23.1 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 52.915 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

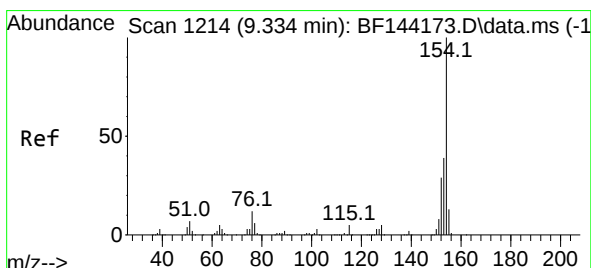
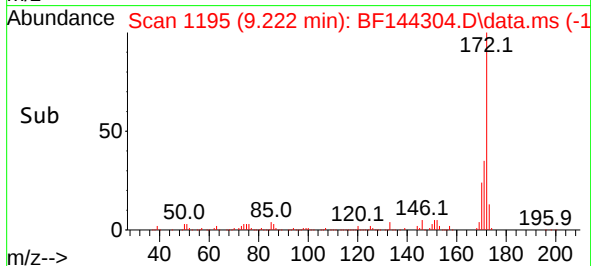
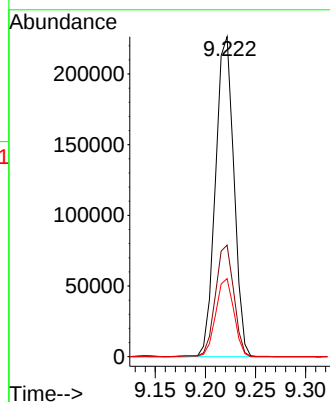
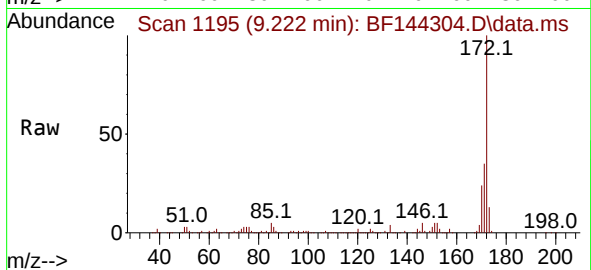
Tgt Ion:172 Resp: 288328

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 24.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 50.932 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

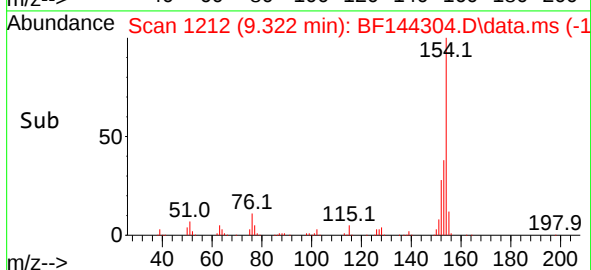
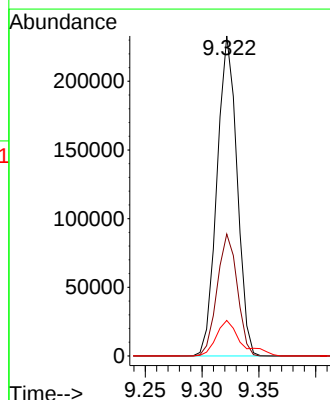
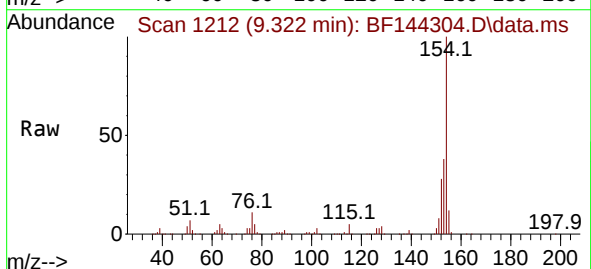
Tgt Ion:154 Resp: 286108

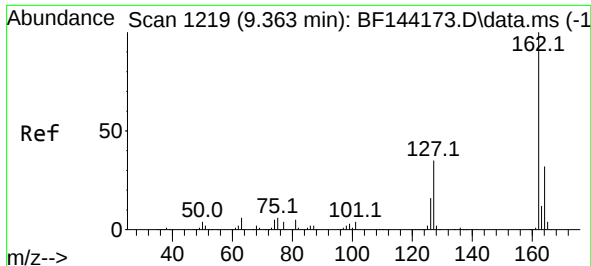
Ion Ratio Lower Upper

154 100

153 38.1 19.2 59.2

76 11.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 48.905 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

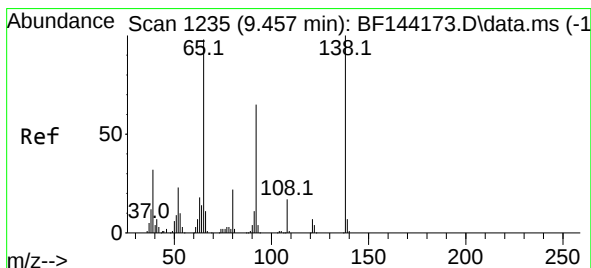
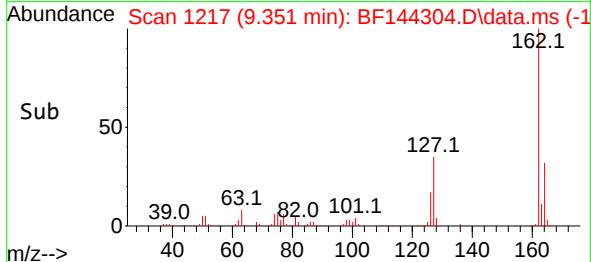
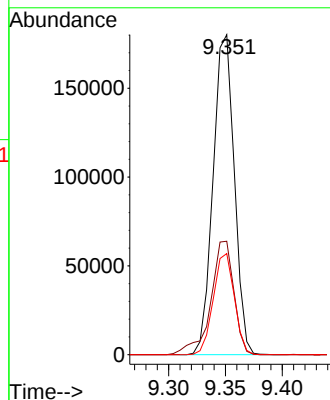
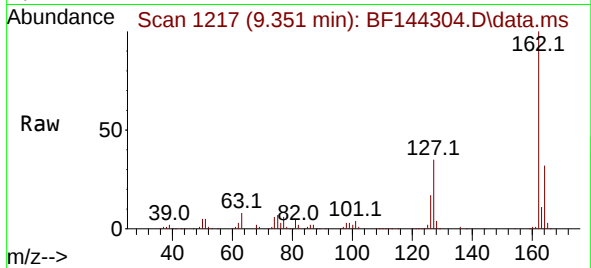
Tgt Ion:162 Resp: 234340

Ion Ratio Lower Upper

162 100

127 35.4 28.8 43.2

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 53.193 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

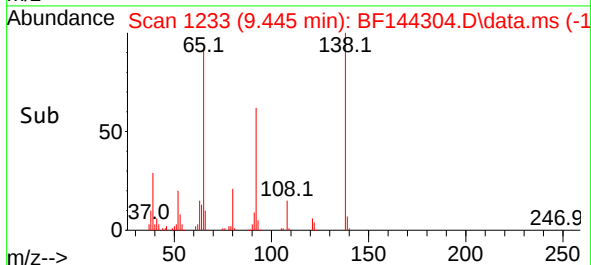
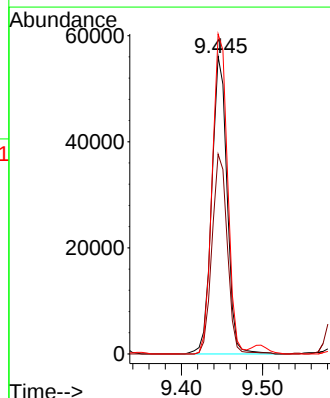
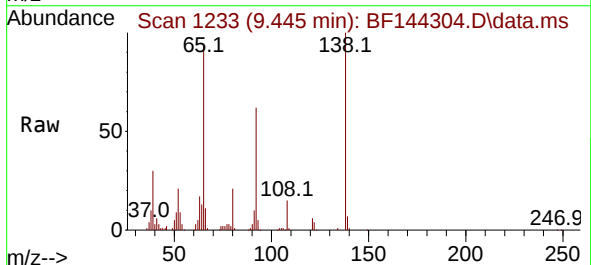
Tgt Ion: 65 Resp: 73544

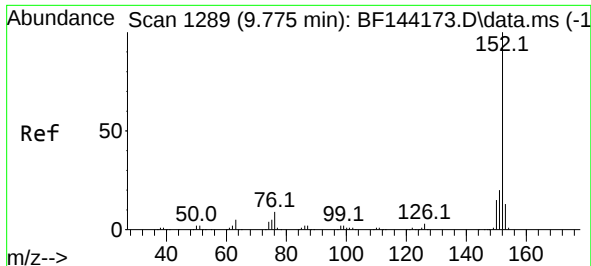
Ion Ratio Lower Upper

65 100

92 67.2 53.0 79.6

138 107.5 81.6 122.4

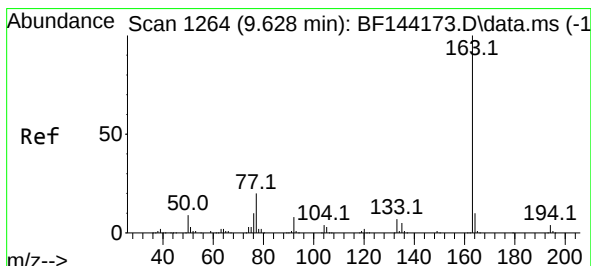
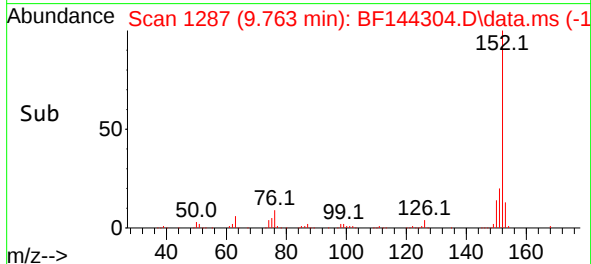
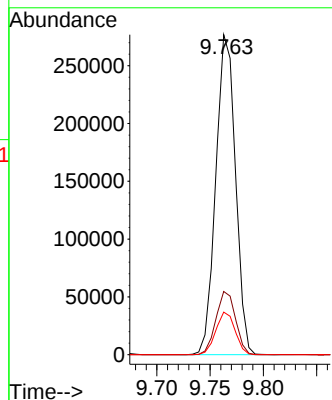
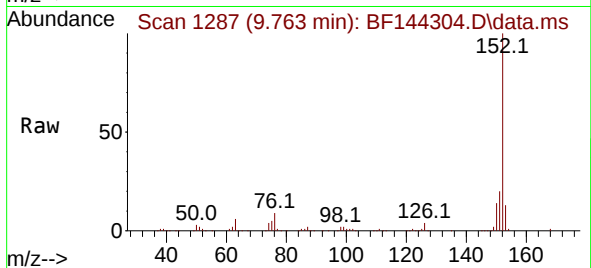




#49
Acenaphthylene
Concen: 54.353 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

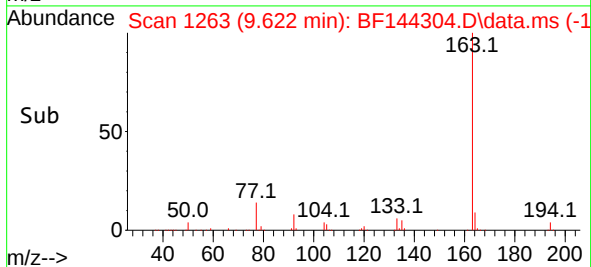
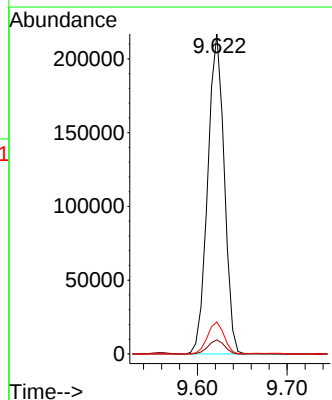
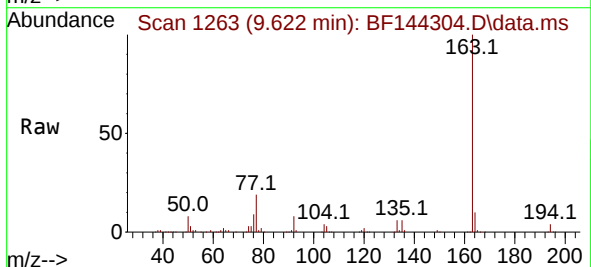
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

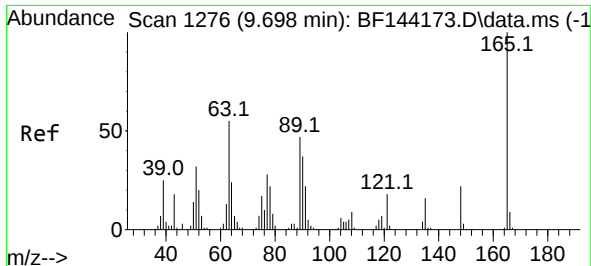
Tgt Ion:152 Resp: 354918
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 51.948 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:163 Resp: 276955
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.0 8.1 12.1

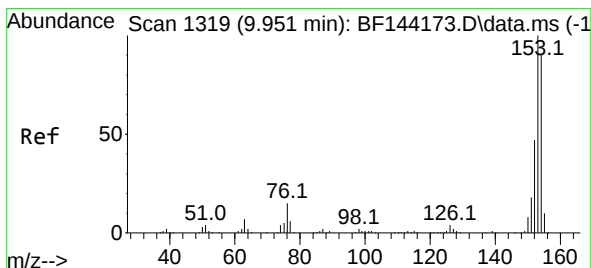
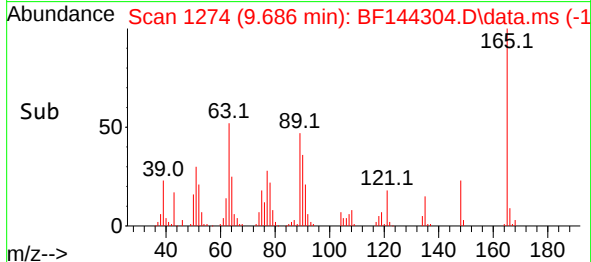
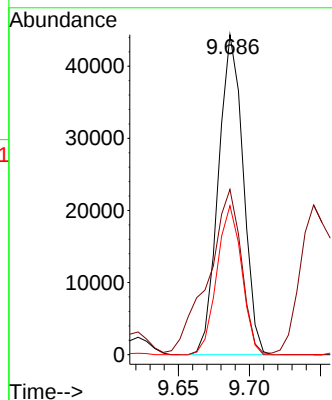
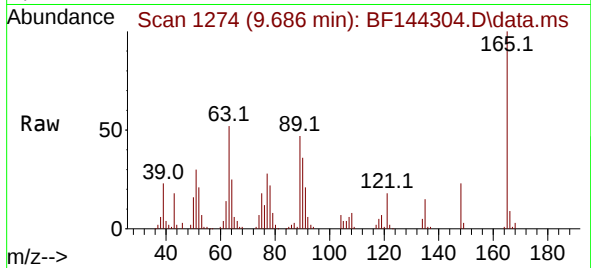




#51
2,6-Dinitrotoluene
Concen: 49.852 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

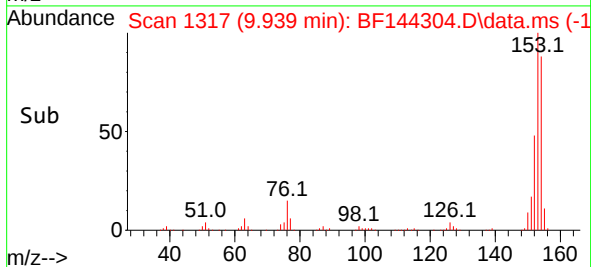
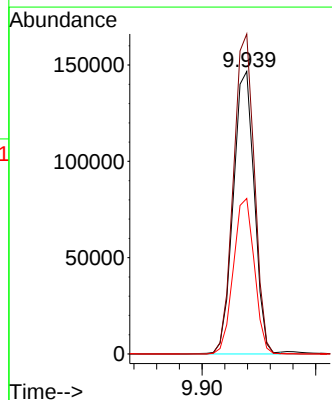
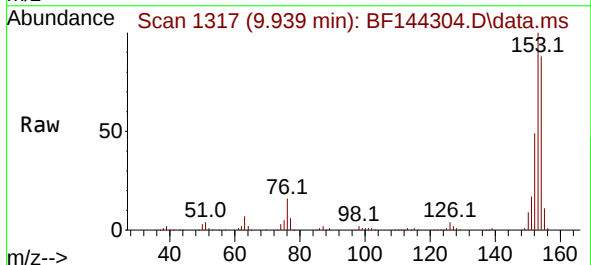
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

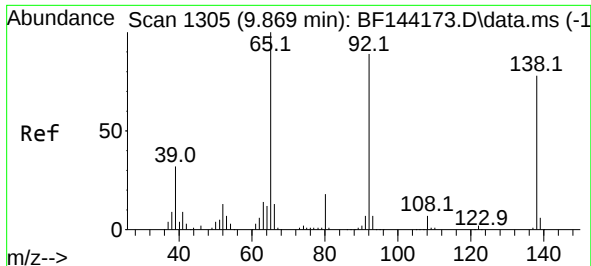
Tgt Ion:165 Resp: 53802
Ion Ratio Lower Upper
165 100
63 51.6 43.8 65.8
89 46.6 37.5 56.3



#52
Acenaphthene
Concen: 43.277 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:154 Resp: 188975
Ion Ratio Lower Upper
154 100
153 113.3 89.0 133.4
152 55.0 42.2 63.4

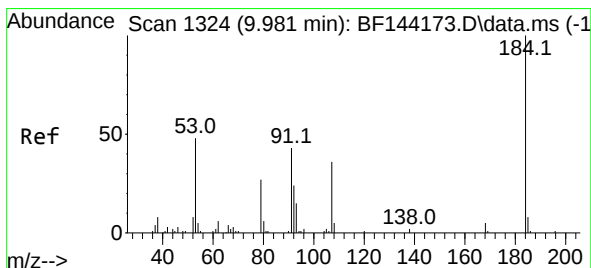
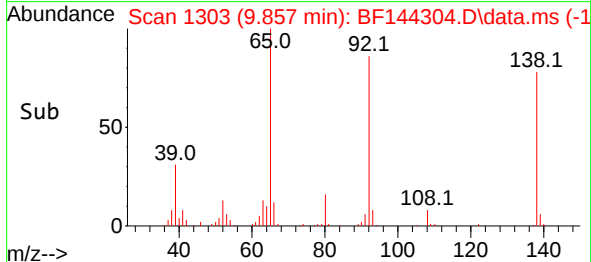
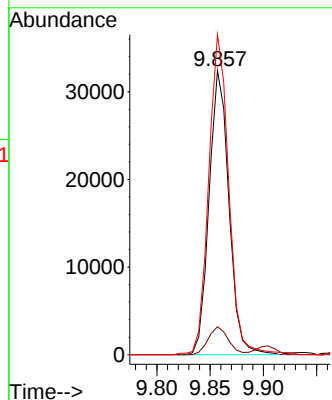
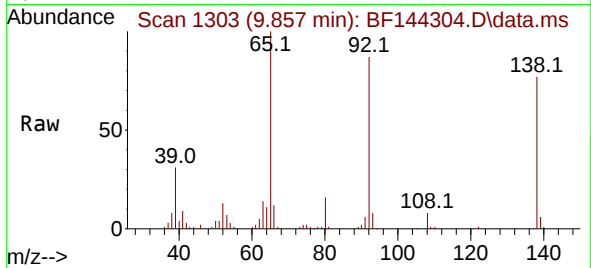




#53
3-Nitroaniline
Concen: 35.559 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

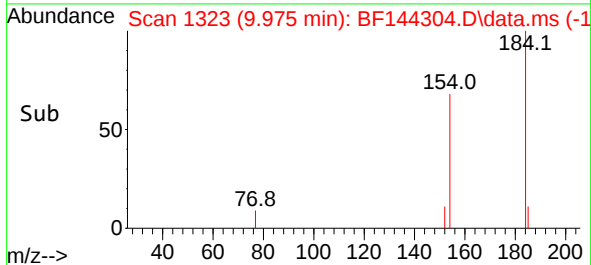
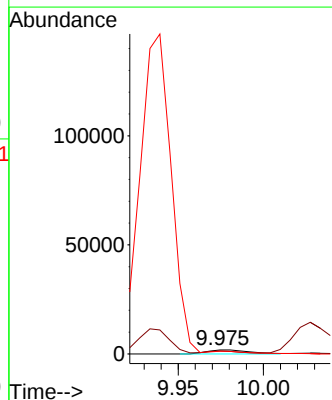
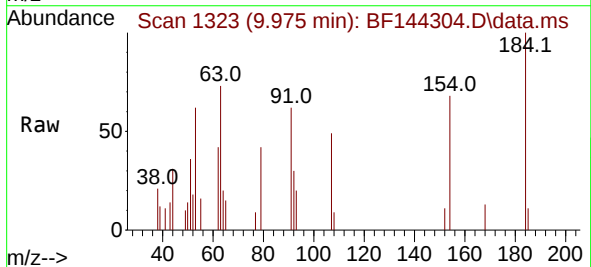
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

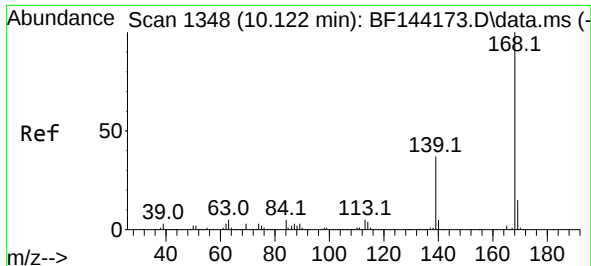
Tgt Ion:138 Resp: 41951
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 112.7 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 4.864 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:184 Resp: 3170
Ion Ratio Lower Upper
184 100
63 73.2 44.0 66.0#
154 67.6 42.4 63.6#

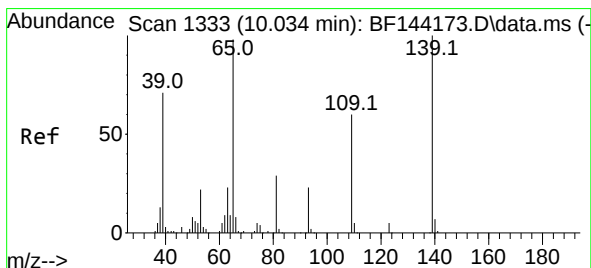
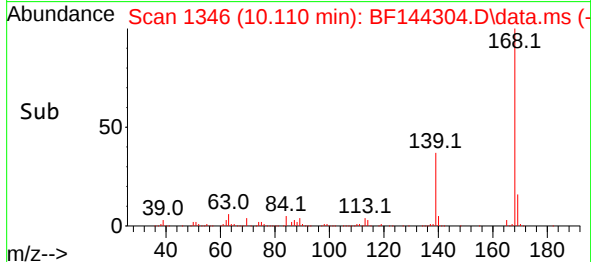
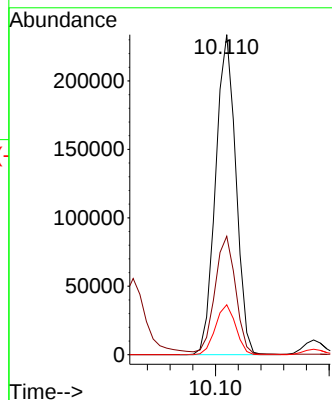
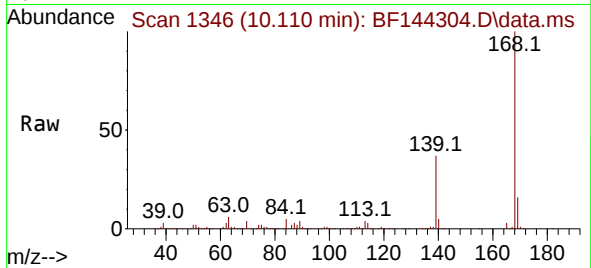




#55
Dibenzofuran
Concen: 47.348 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

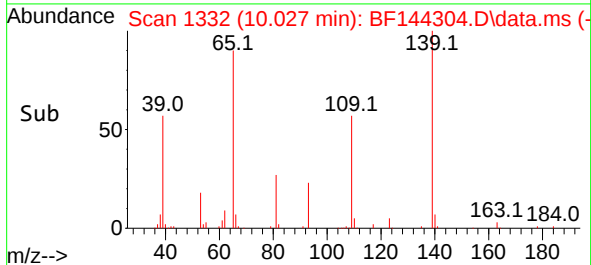
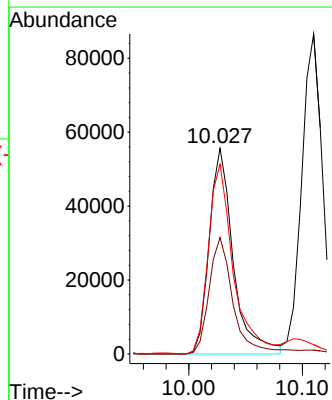
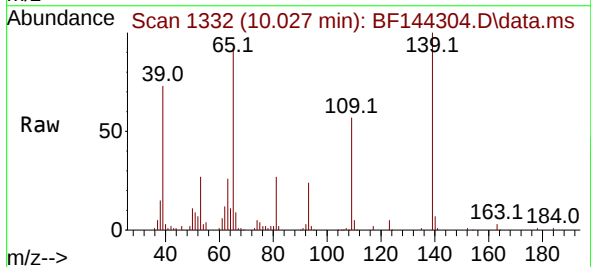
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

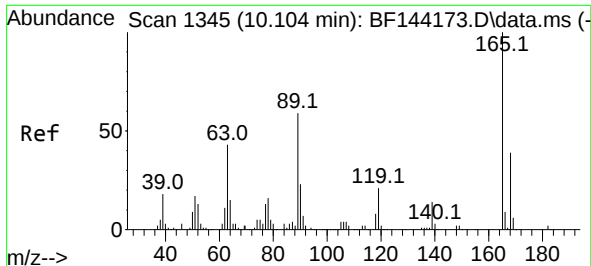
Tgt Ion:168 Resp: 289563
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.2
169 15.6 12.2 18.4



#56
4-Nitrophenol
Concen: 95.634 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:139 Resp: 81615
Ion Ratio Lower Upper
139 100
109 56.6 39.9 79.9
65 92.3 79.5 119.5

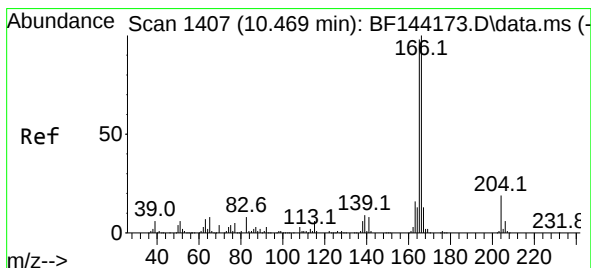
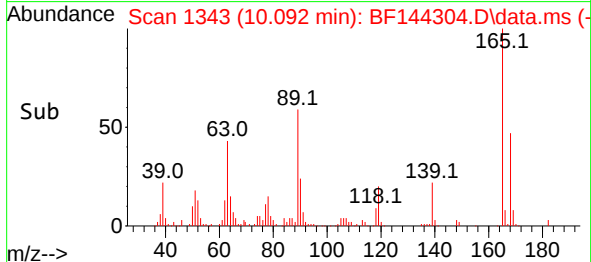
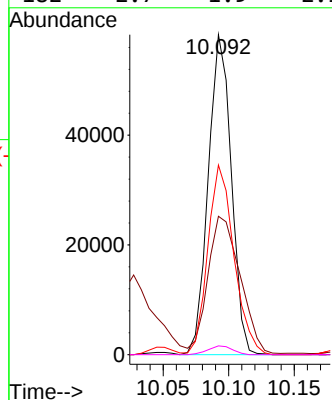
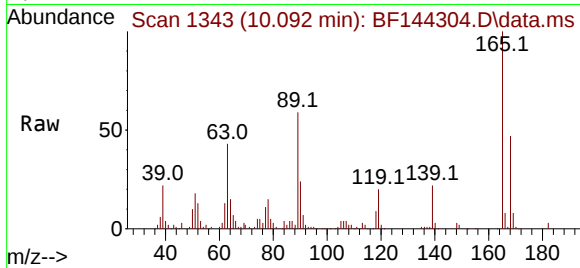




#57
2,4-Dinitrotoluene
Concen: 49.347 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

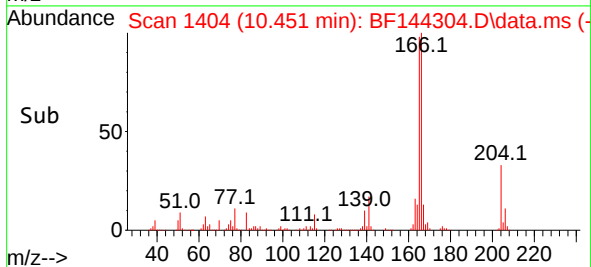
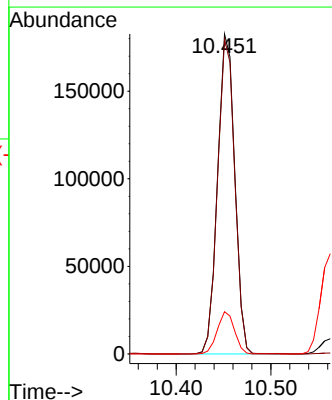
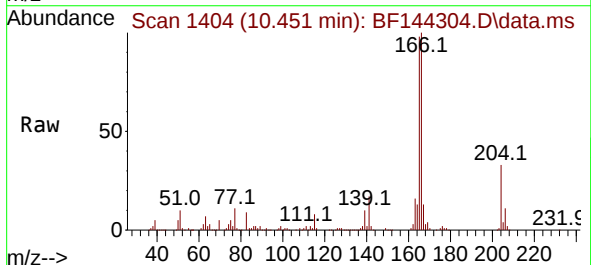
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

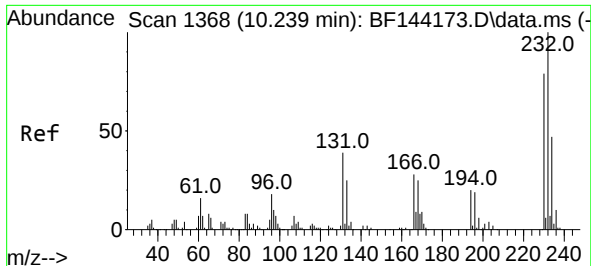
Tgt Ion:	165	Resp:	71296
Ion Ratio	Lower	Upper	
165	100		
63	43.3	35.5	53.3
89	59.2	47.4	71.2
182	2.7	1.9	2.9



#58
Fluorene
Concen: 49.656 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:	166	Resp:	230887
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.6	118.0
167	13.2	10.4	15.6

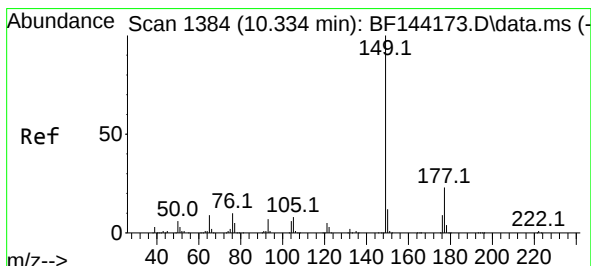
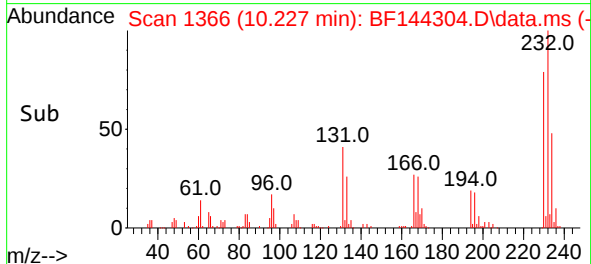
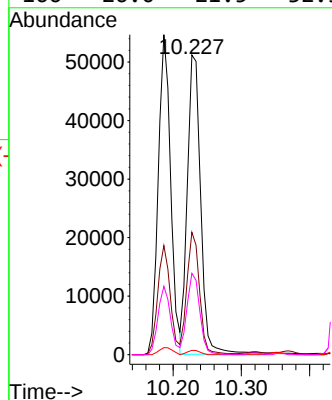
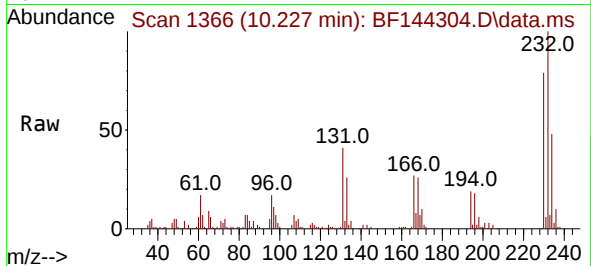




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.374 ng
RT: 10.227 min Scan# 1366
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

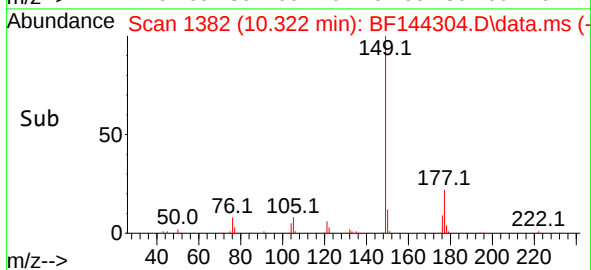
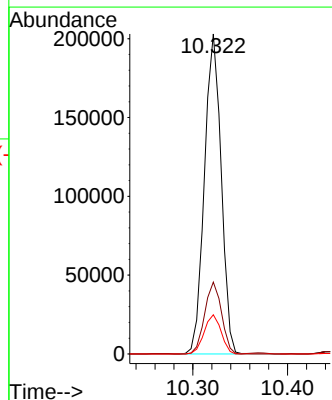
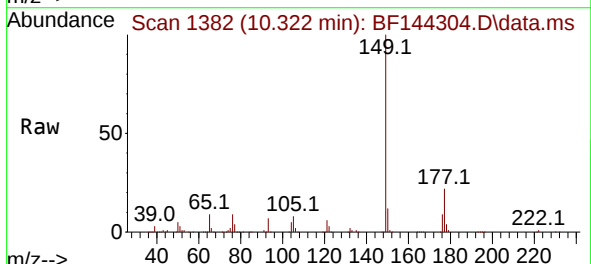
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

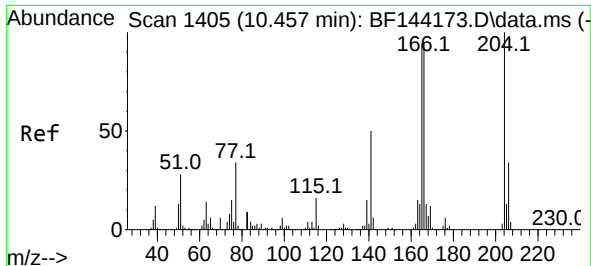
Tgt Ion:232 Resp: 68953
Ion Ratio Lower Upper
232 100
131 37.8 30.3 45.5
130 1.4 1.2 1.8
166 26.0 21.5 32.3



#60
Diethylphthalate
Concen: 50.574 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:149 Resp: 248556
Ion Ratio Lower Upper
149 100
177 22.4 18.3 27.5
150 12.2 9.8 14.6

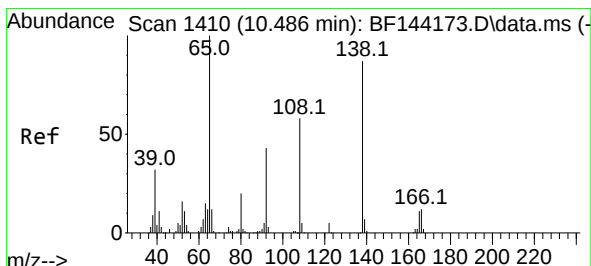
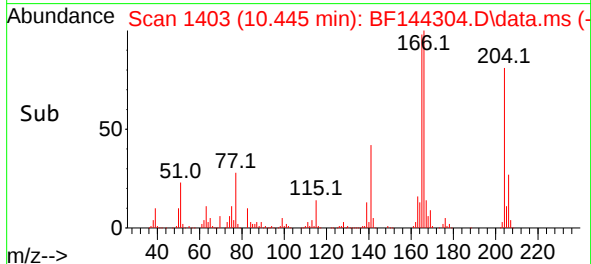
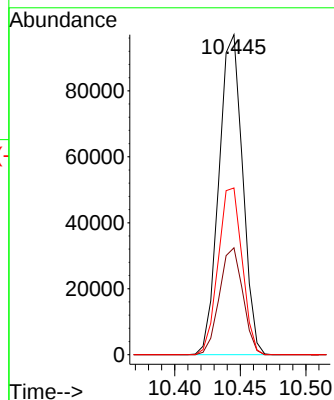
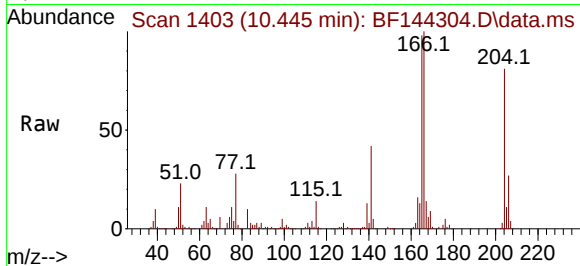




#61
4-Chlorophenyl-phenylether
Concen: 46.067 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

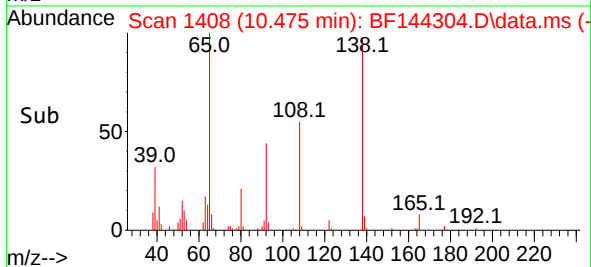
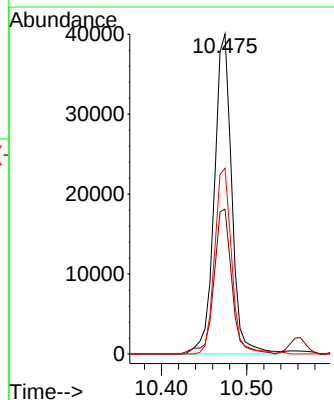
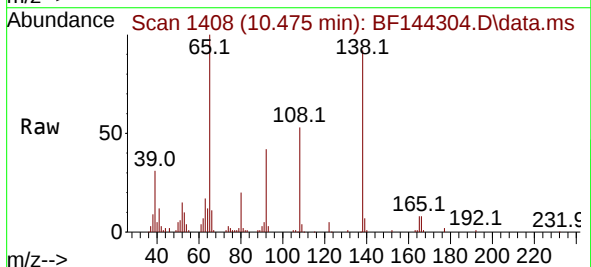
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

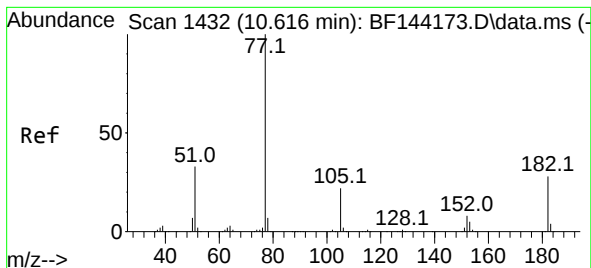
Tgt Ion:204 Resp: 122013
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 52.1 40.0 60.0



#62
4-Nitroaniline
Concen: 50.631 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:138 Resp: 56885
Ion Ratio Lower Upper
138 100
92 45.3 29.4 69.4
108 58.0 46.4 86.4





#63

Azobenzene

Concen: 52.076 ng

RT: 10.604 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

Tgt Ion: 77 Resp: 238195

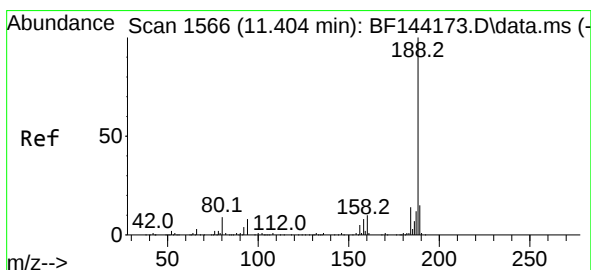
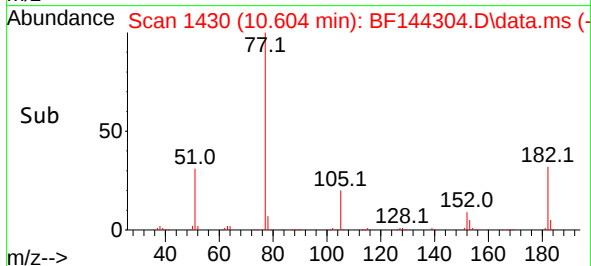
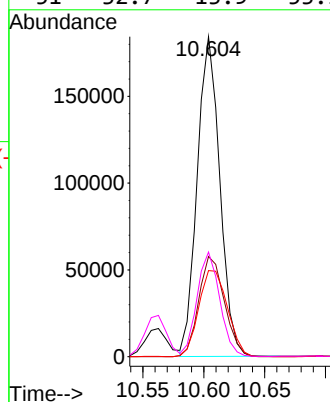
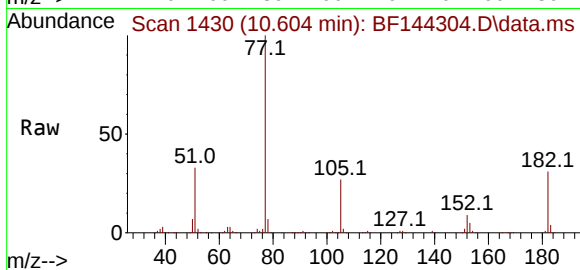
Ion Ratio Lower Upper

77 100

182 31.3 8.1 48.1

105 26.9 2.0 42.0

51 32.7 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

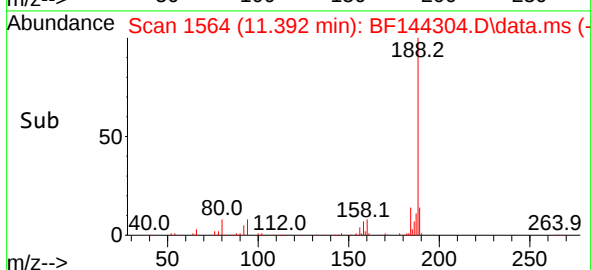
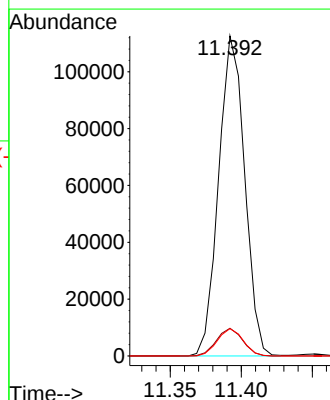
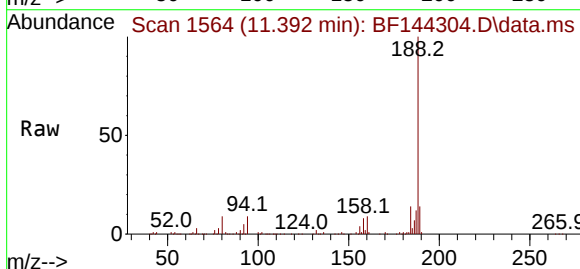
Tgt Ion: 188 Resp: 143551

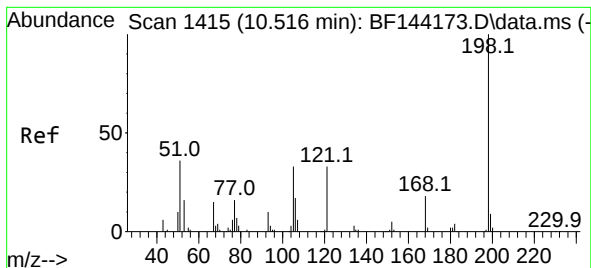
Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.2

80 8.5 6.9 10.3

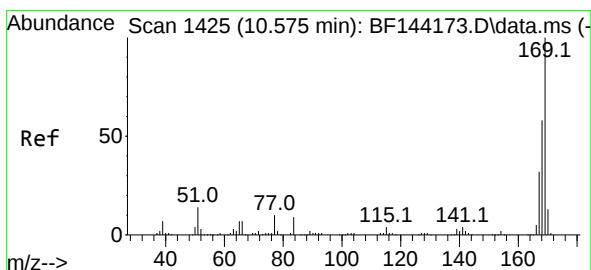
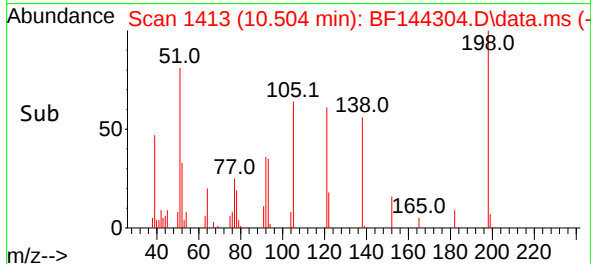
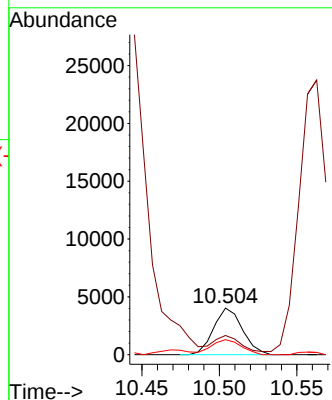
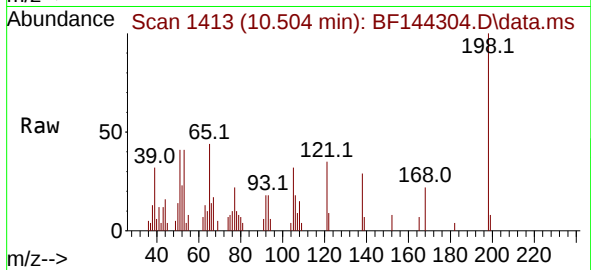




#65
4,6-Dinitro-2-methylphenol
Concen: 5.330 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

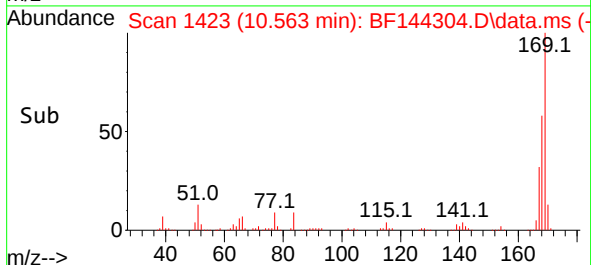
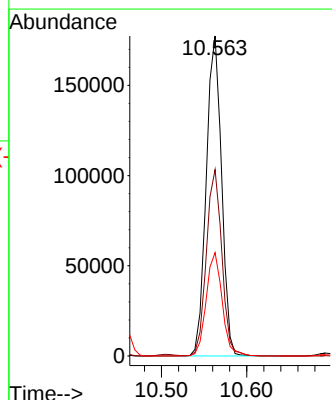
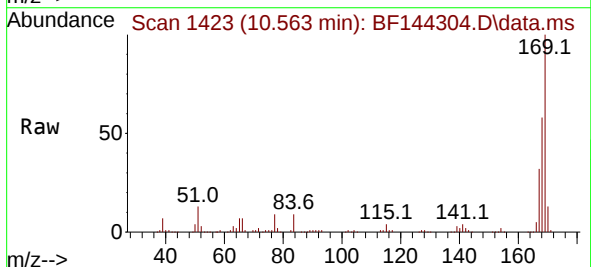
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

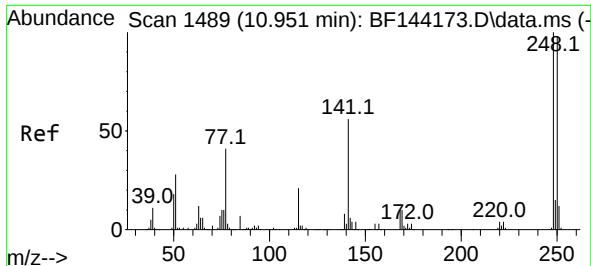
Tgt Ion:198 Resp: 5198
Ion Ratio Lower Upper
198 100
51 41.1 25.6 65.6
105 32.4 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 47.933 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:169 Resp: 221308
Ion Ratio Lower Upper
169 100
168 58.2 46.2 69.2
167 32.3 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 42.439 ng

RT: 10.933 min Scan# 1486

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

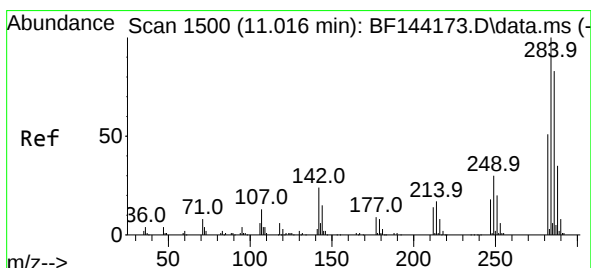
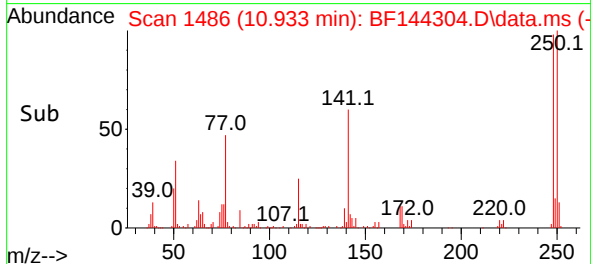
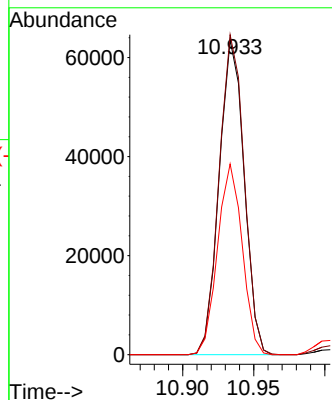
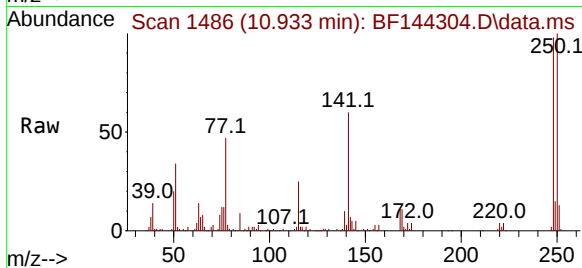
Tgt Ion:248 Resp: 77760

Ion Ratio Lower Upper

248 100

250 101.6 78.4 117.6

141 60.5 45.1 67.7



#68

Hexachlorobenzene

Concen: 45.191 ng

RT: 11.004 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

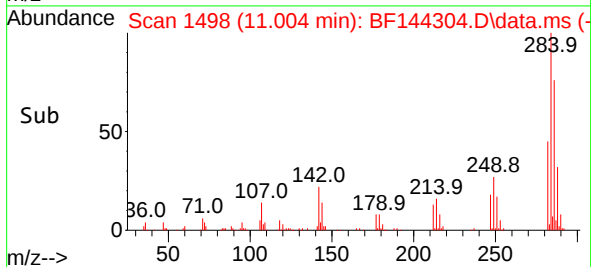
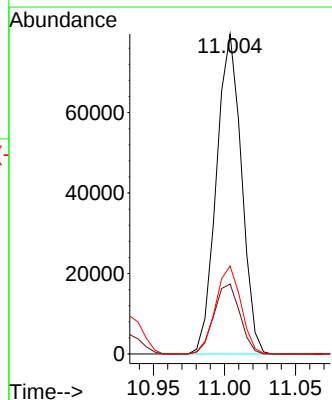
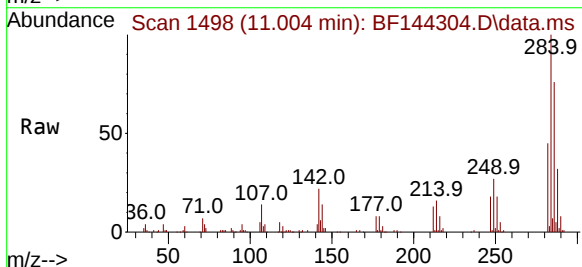
Tgt Ion:284 Resp: 97531

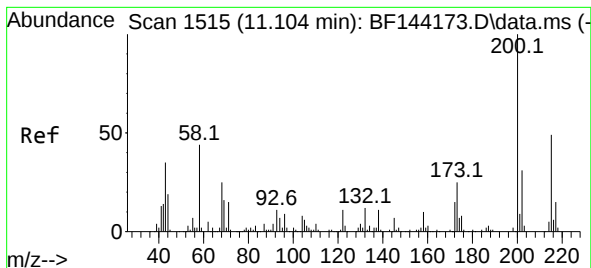
Ion Ratio Lower Upper

284 100

142 21.8 19.2 28.8

249 27.4 23.8 35.8





#69

Atrazine

Concen: 48.446 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

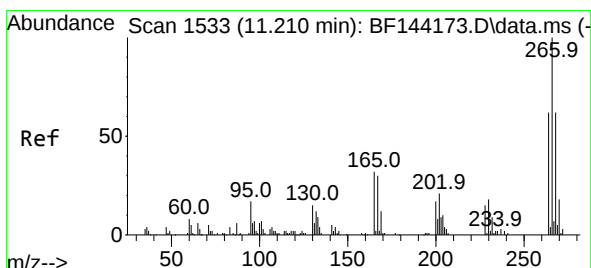
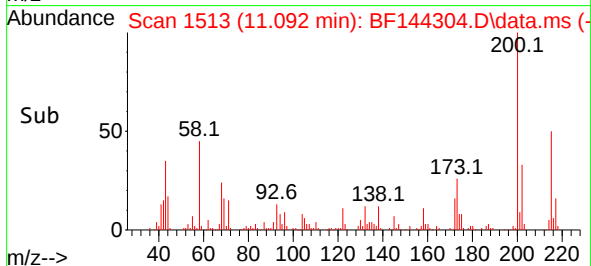
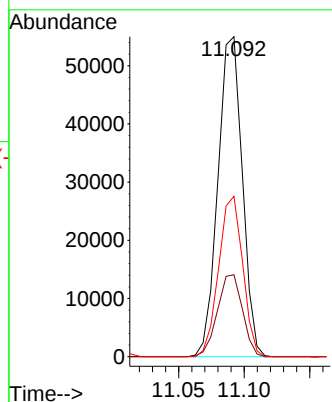
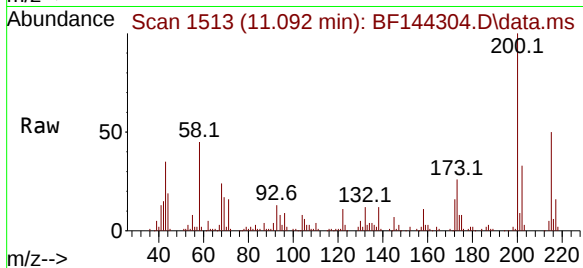
Tgt Ion:200 Resp: 71134

Ion Ratio Lower Upper

200 100

173 25.6 5.0 45.0

215 50.2 28.7 68.7



#70

Pentachlorophenol

Concen: 87.276 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

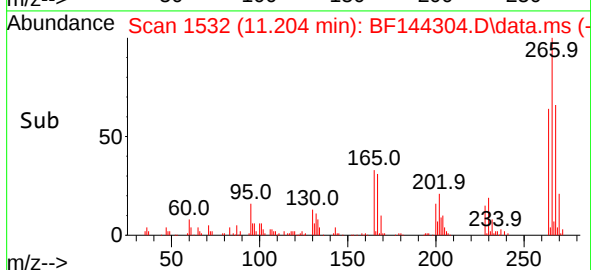
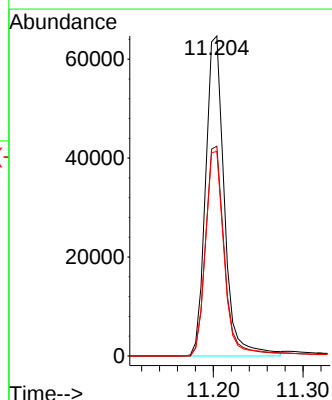
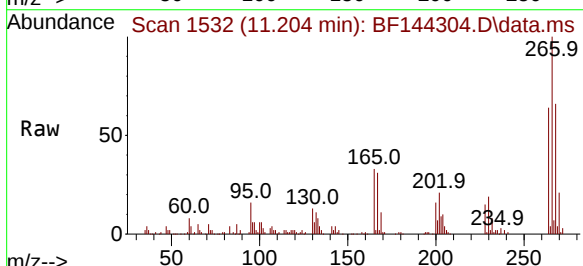
Tgt Ion:266 Resp: 93796

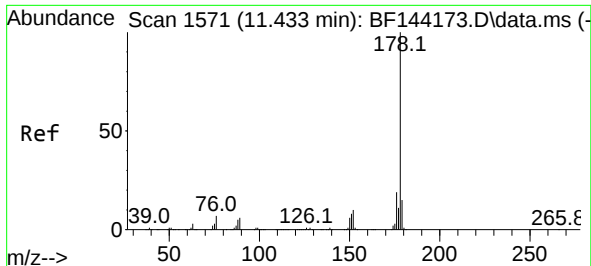
Ion Ratio Lower Upper

266 100

268 65.5 49.5 74.3

264 63.9 49.4 74.2

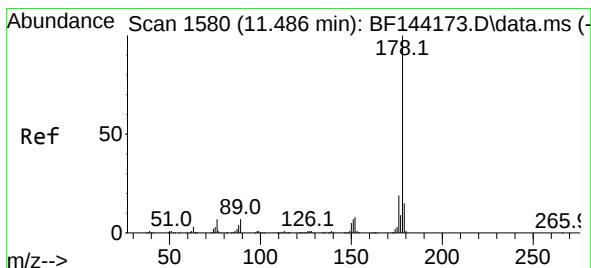
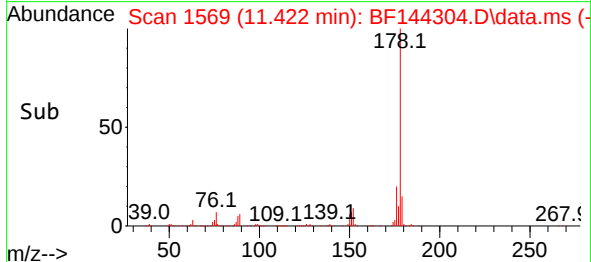
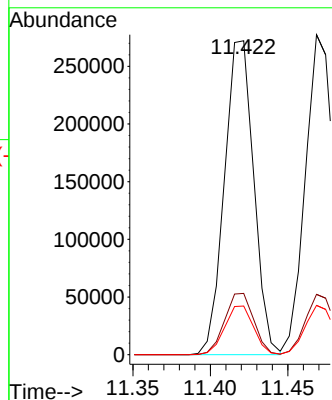
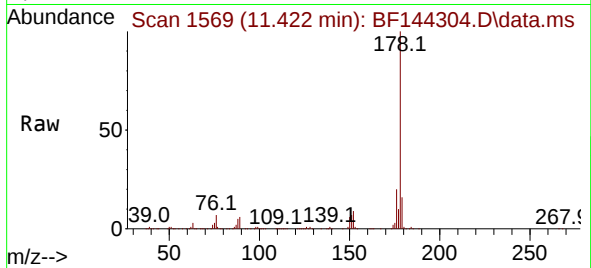




#71
Phenanthrene
Concen: 50.212 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

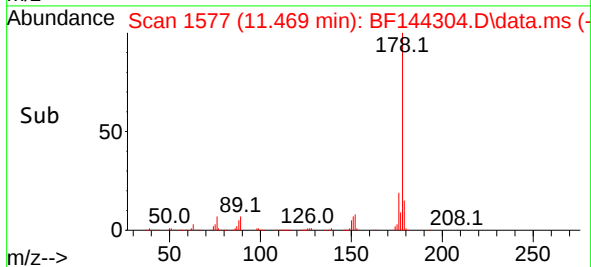
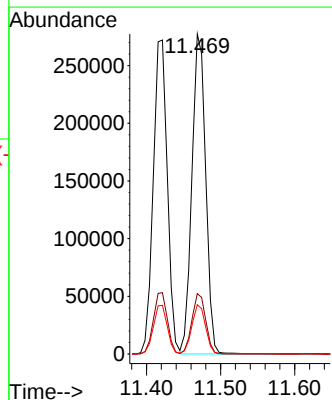
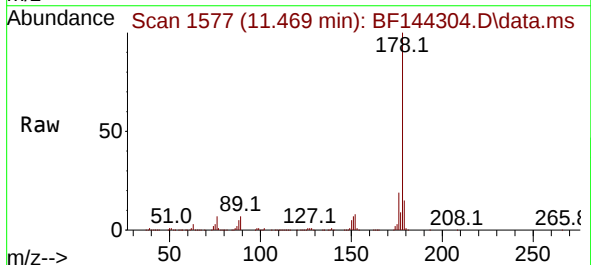
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

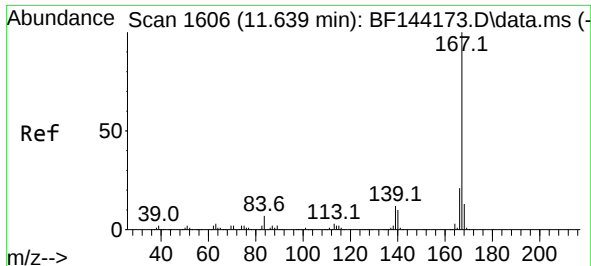
Tgt Ion:178 Resp: 358878
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 49.319 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:178 Resp: 358424
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.0 18.0

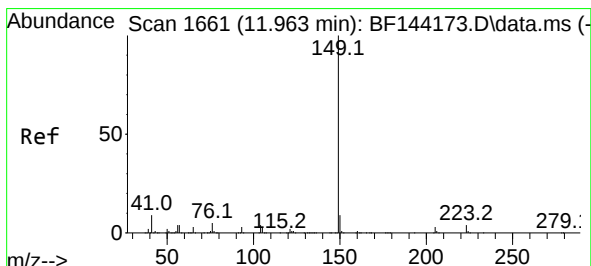
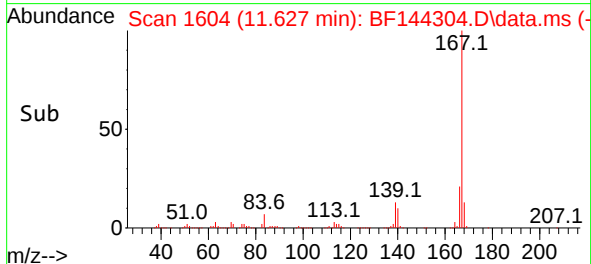
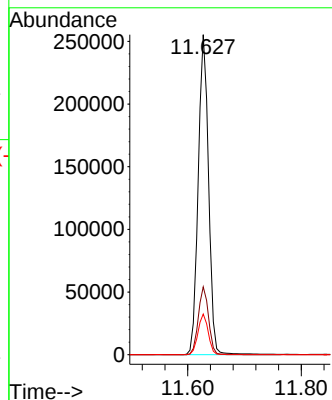
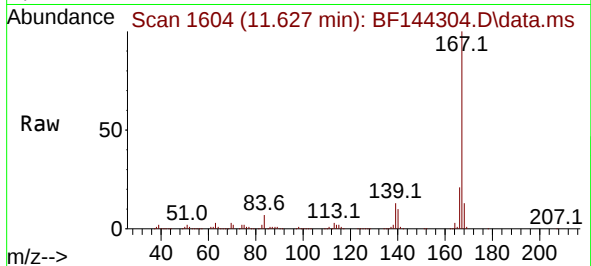




#73
Carbazole
Concen: 52.570 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

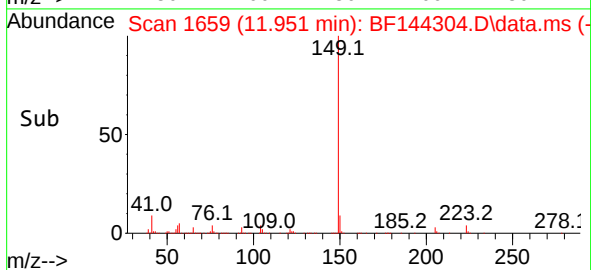
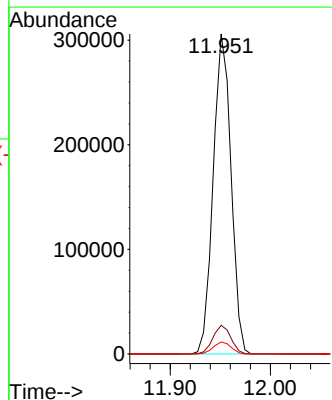
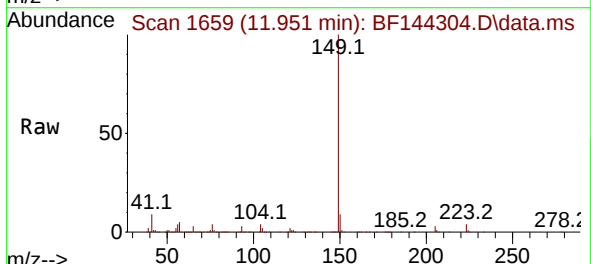
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

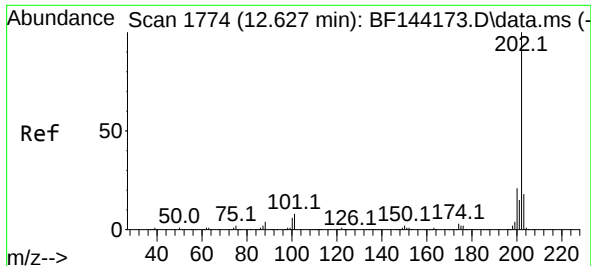
Tgt Ion:167 Resp: 324871
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.7 9.9 14.9



#74
Di-n-butylphthalate
Concen: 50.622 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:149 Resp: 378182
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 3.8 3.4 5.2

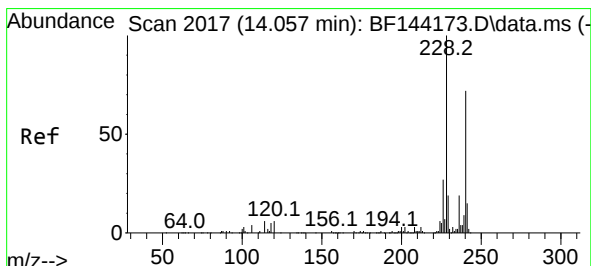
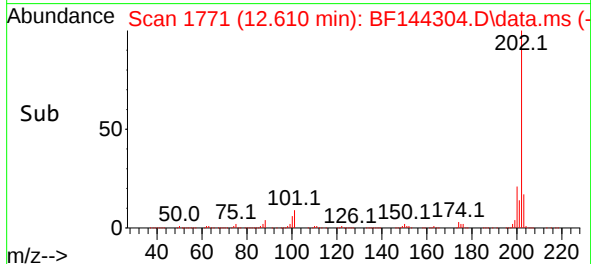
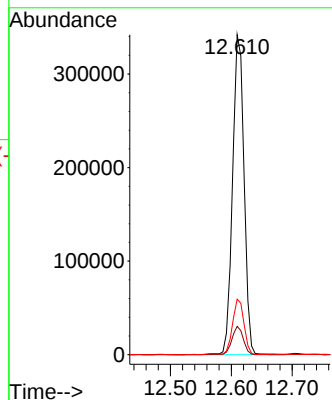
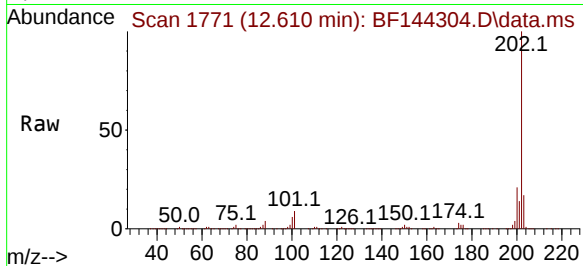




#75
Fluoranthene
Concen: 60.745 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

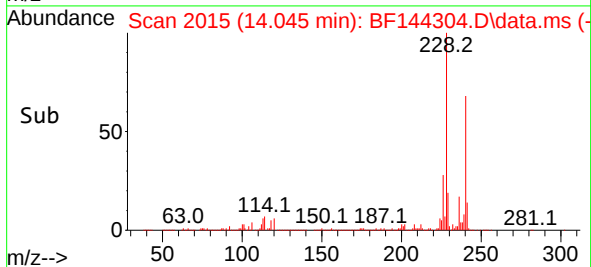
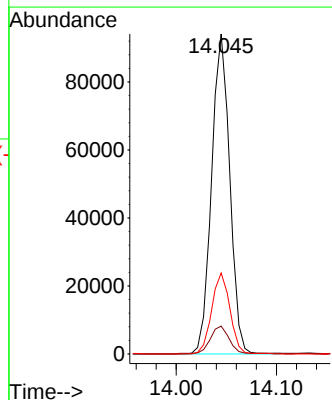
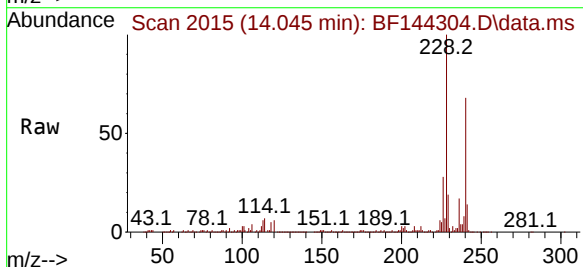
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

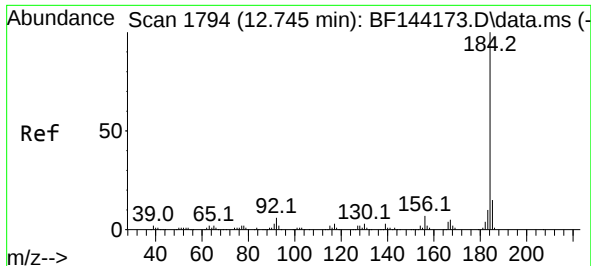
Tgt Ion:202 Resp: 448484
Ion Ratio Lower Upper
202 100
101 8.8 0.0 27.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:240 Resp: 118518
Ion Ratio Lower Upper
240 100
120 8.7 6.6 10.0
236 25.3 21.4 32.2

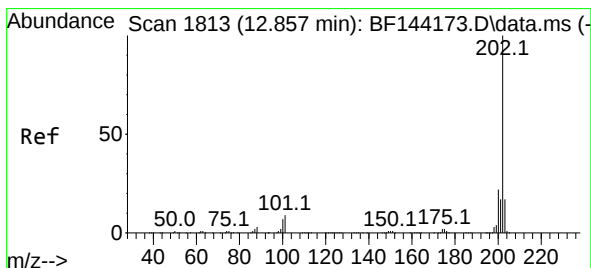
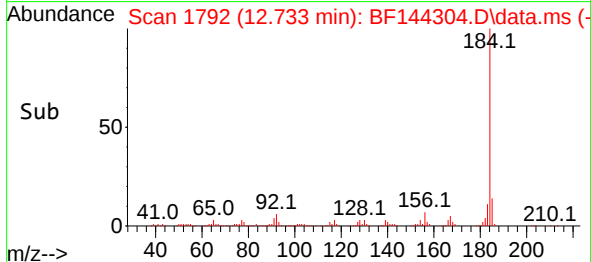
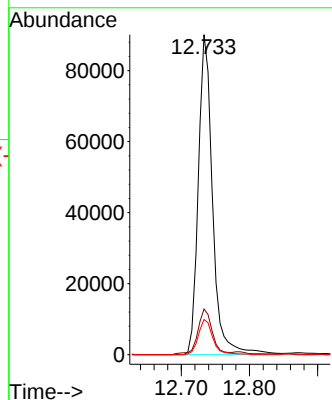
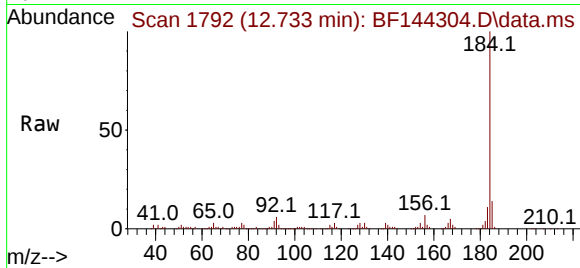




#77
Benzidine
Concen: 37.358 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

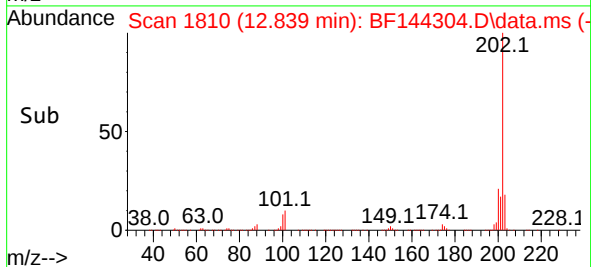
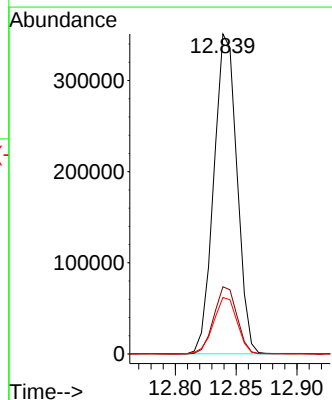
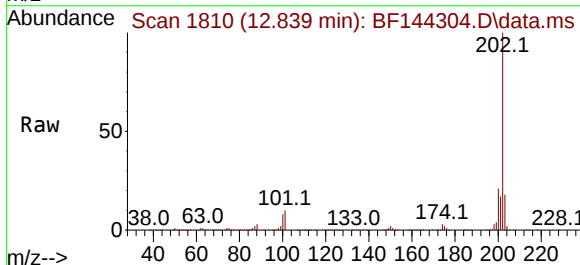
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

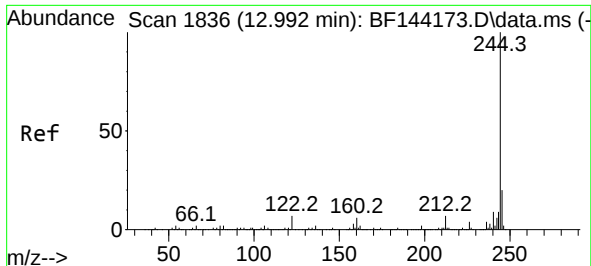
Tgt Ion:184 Resp: 130966
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.3 12.5



#78
Pyrene
Concen: 48.612 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:202 Resp: 464531
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.7 13.7 20.5

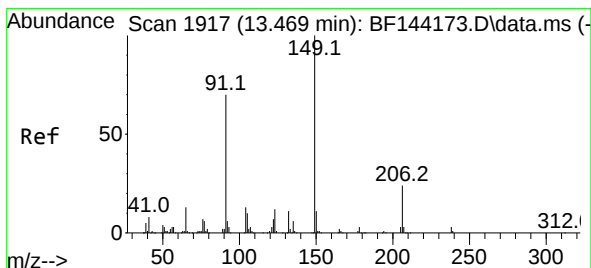
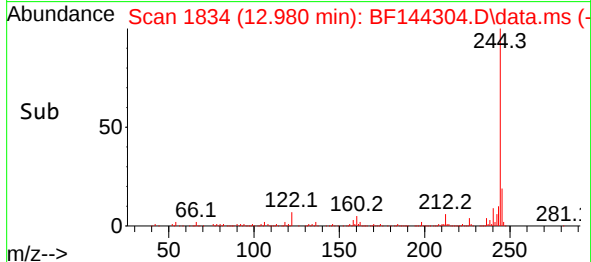
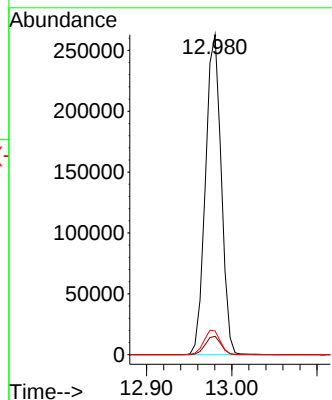
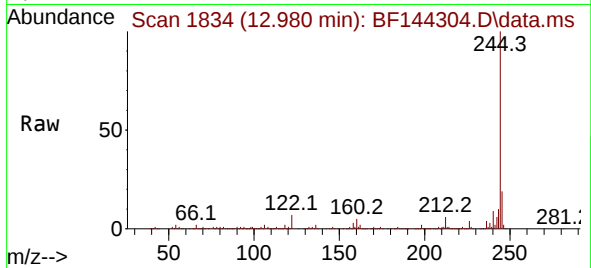




#79
 Terphenyl-d14
 Concen: 45.127 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144304.D
 Acq: 20 Nov 2025 19:56

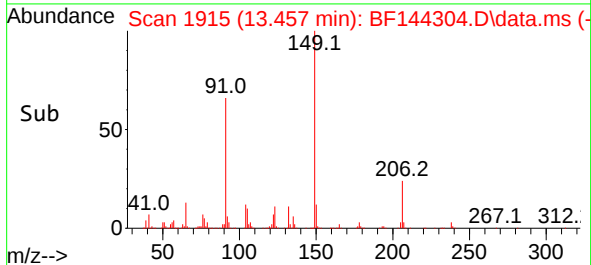
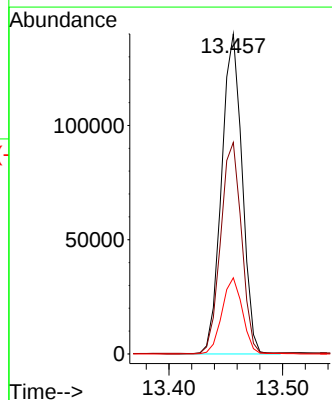
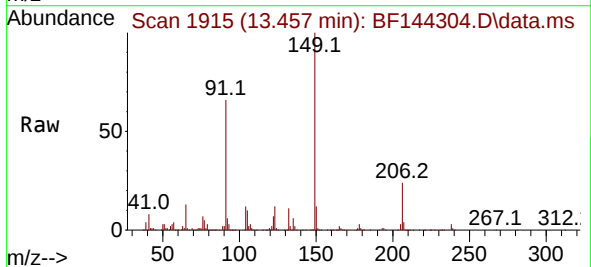
Instrument :
 BNA_F
 ClientSampleId :
 B3-0.0-1.0-20251117MSD

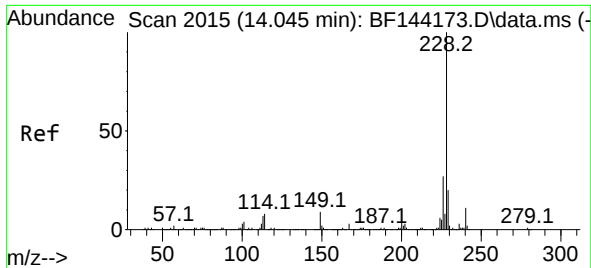
Tgt Ion:244 Resp: 336714
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.3 7.9
 122 7.4 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 53.245 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144304.D
 Acq: 20 Nov 2025 19:56

Tgt Ion:149 Resp: 176348
 Ion Ratio Lower Upper
 149 100
 91 66.1 56.1 84.1
 206 23.8 18.8 28.2

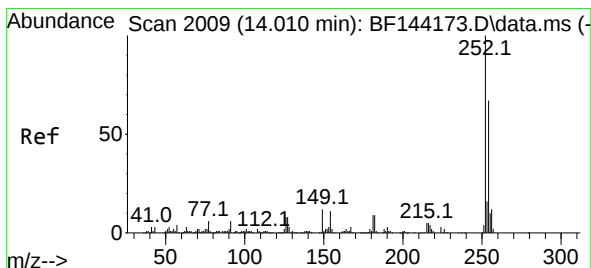
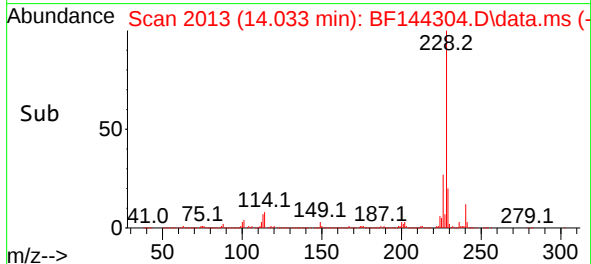
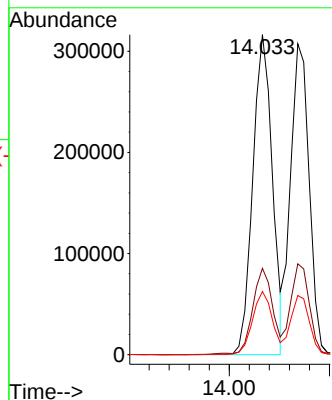
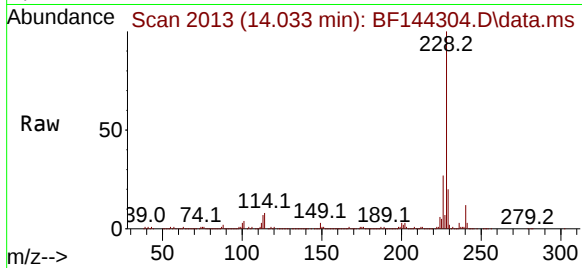




#81
Benzo(a)anthracene
Concen: 52.238 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

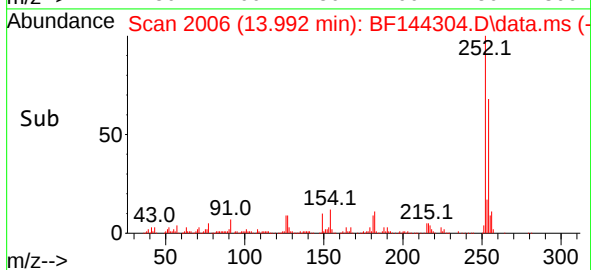
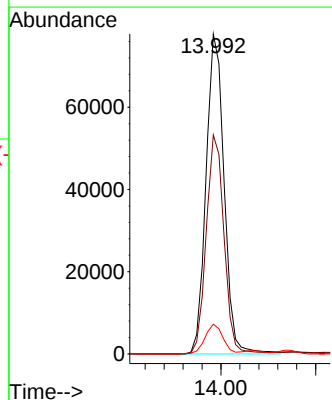
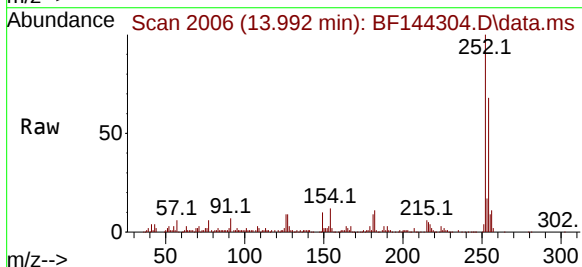
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

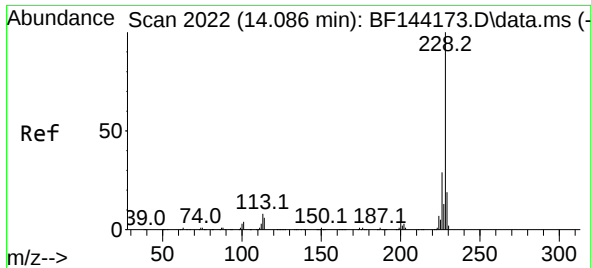
Tgt Ion:228 Resp: 429096
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.552 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:252 Resp: 102915
Ion Ratio Lower Upper
252 100
254 68.4 53.5 80.3
126 9.3 6.4 9.6

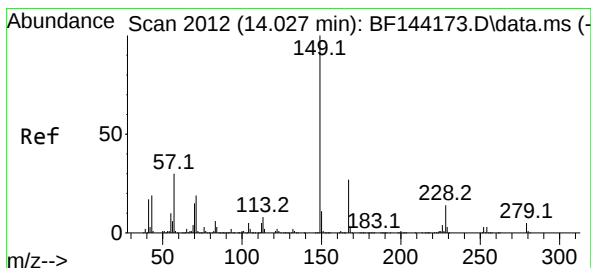
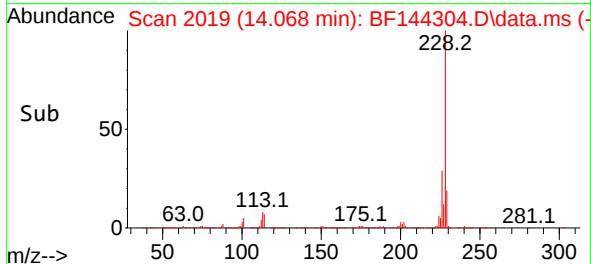
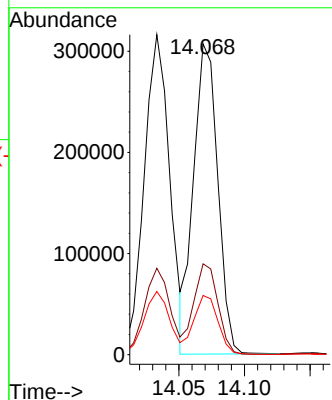
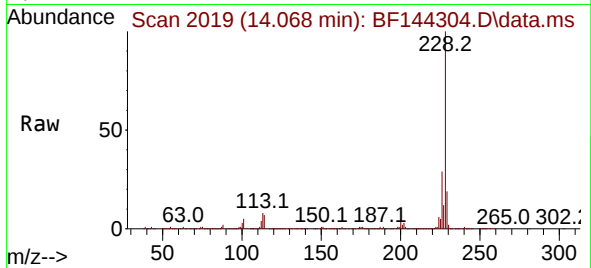




#83
Chrysene
Concen: 51.918 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

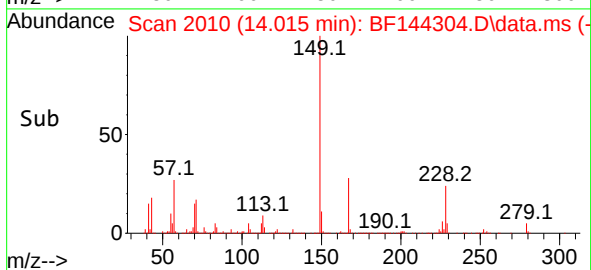
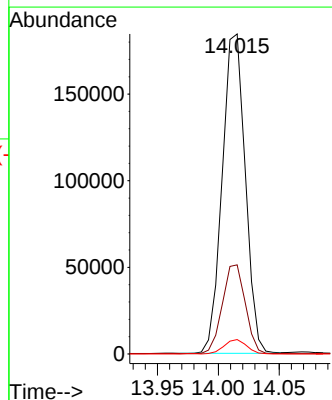
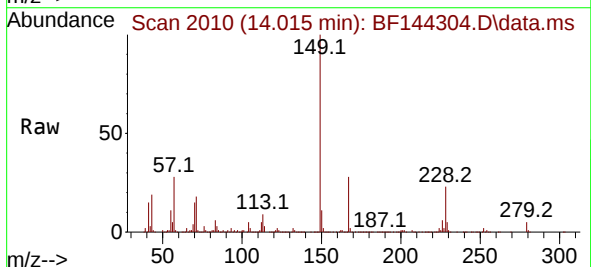
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

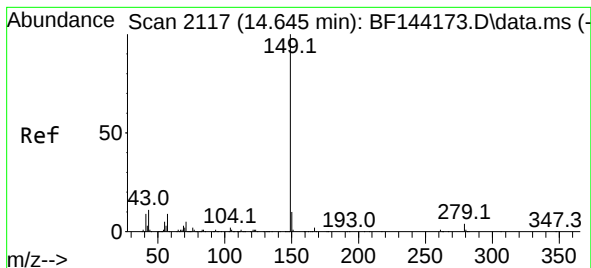
Tgt Ion:228 Resp: 393684
Ion Ratio Lower Upper
228 100
226 29.2 22.9 34.3
229 19.1 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.640 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:149 Resp: 243198
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 51.173 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MSD

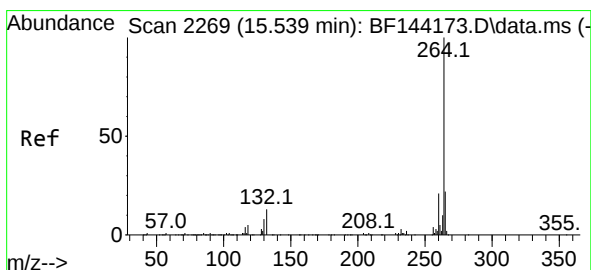
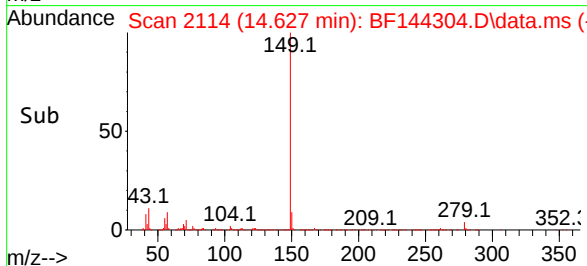
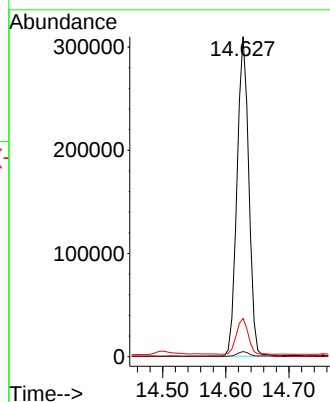
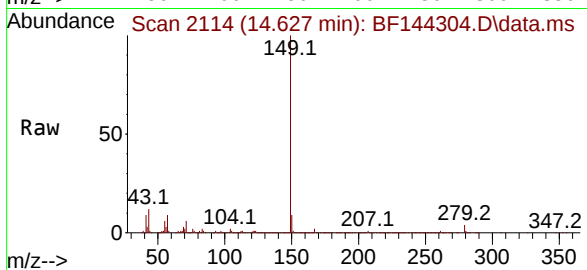
Tgt Ion:149 Resp: 400302

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144304.D

Acq: 20 Nov 2025 19:56

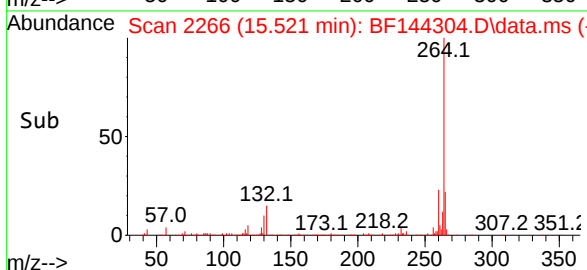
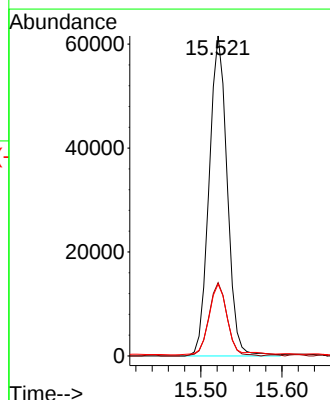
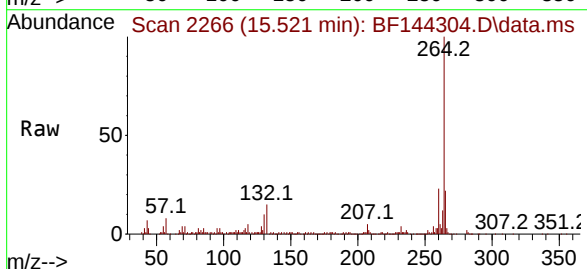
Tgt Ion:264 Resp: 95287

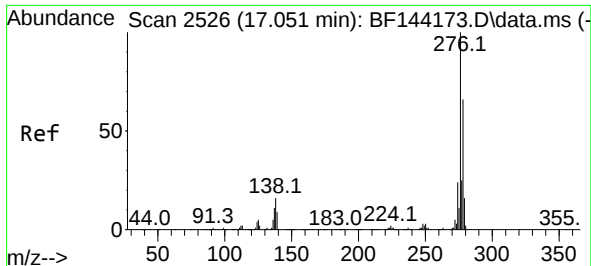
Ion Ratio Lower Upper

264 100

260 22.9 17.1 25.7

265 22.5 17.4 26.0

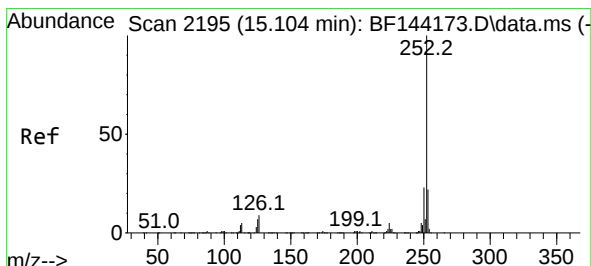
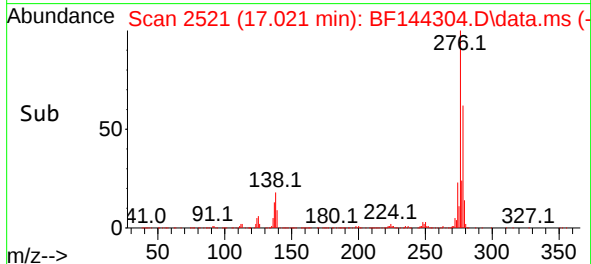
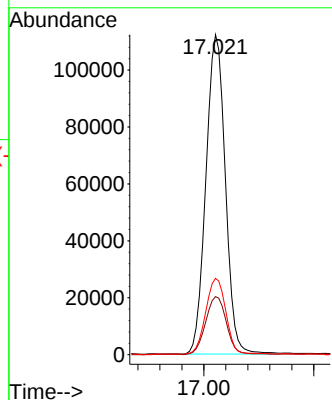
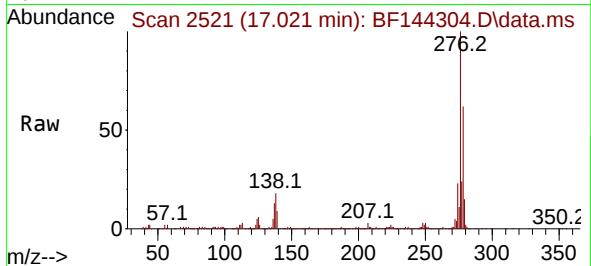




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.262 ng
RT: 17.021 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

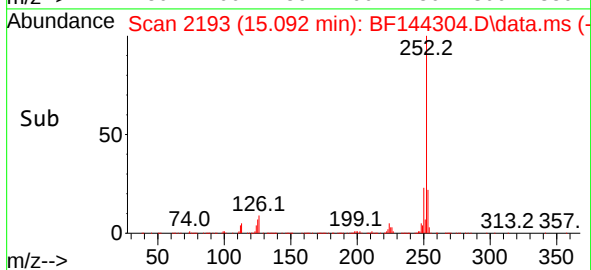
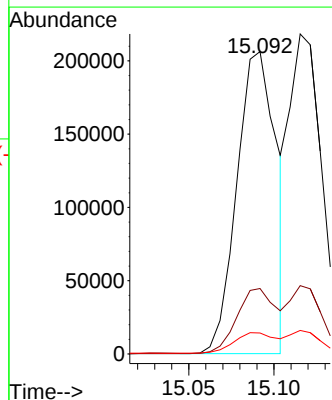
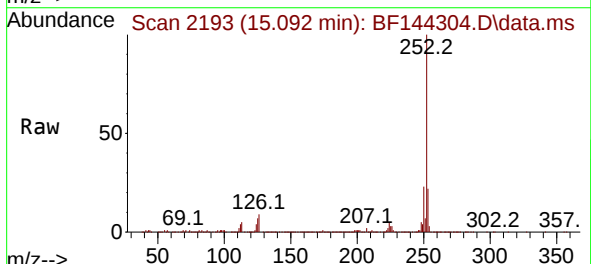
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

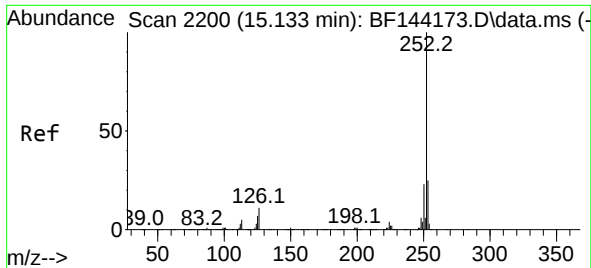
Tgt Ion:276 Resp: 275395
Ion Ratio Lower Upper
276 100
138 19.8 13.9 20.9
277 24.6 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 61.216 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:252 Resp: 331622
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 6.9 5.3 7.9

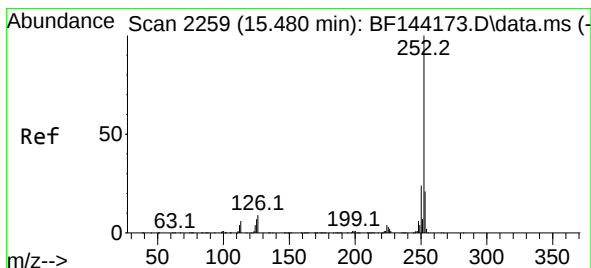
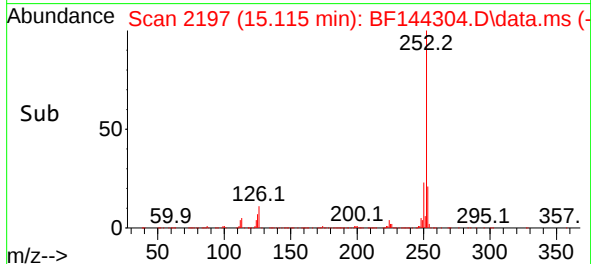
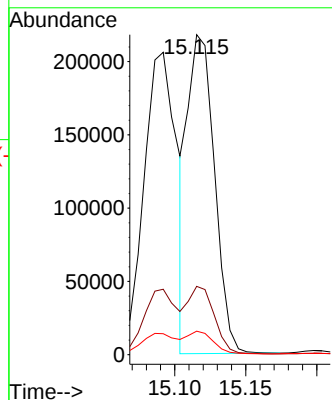
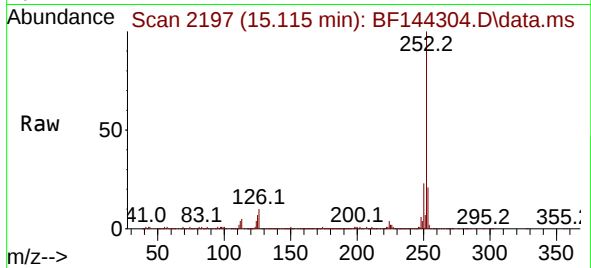




#89
Benzo(k)fluoranthene
Concen: 56.588 ng
RT: 15.115 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

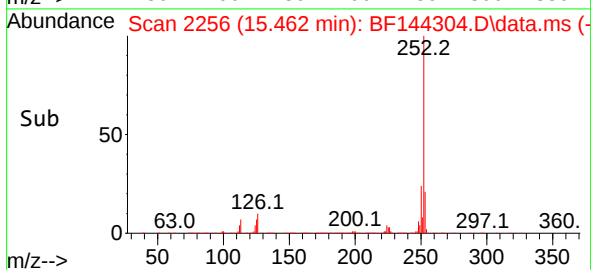
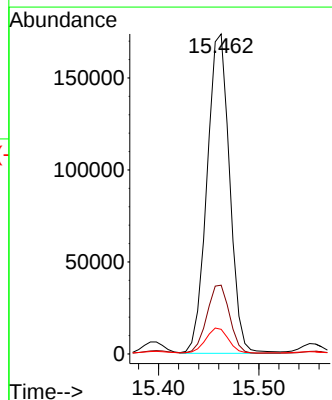
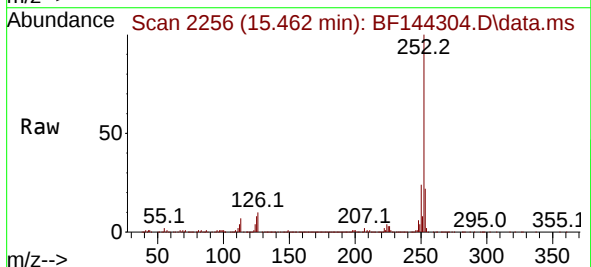
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

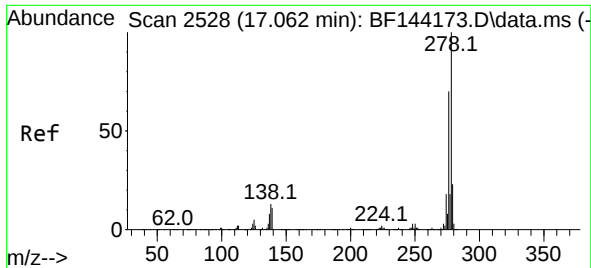
Tgt Ion:252 Resp: 286930
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 7.3 5.4 8.2



#90
Benzo(a)pyrene
Concen: 54.521 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:252 Resp: 272478
Ion Ratio Lower Upper
252 100
253 21.5 16.7 25.1
125 7.7 5.7 8.5

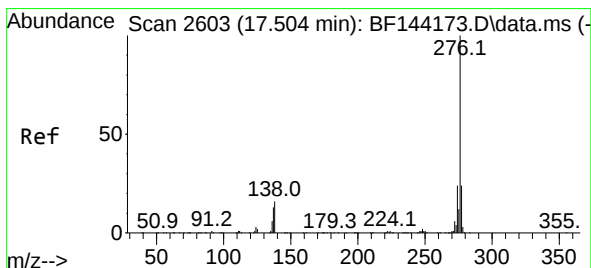
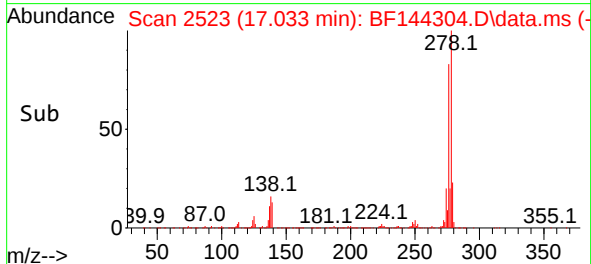
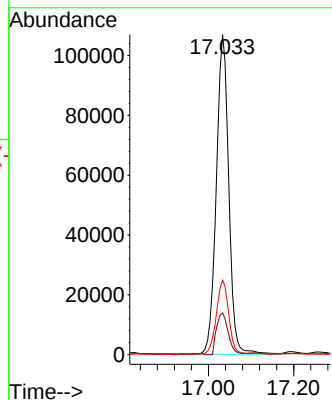
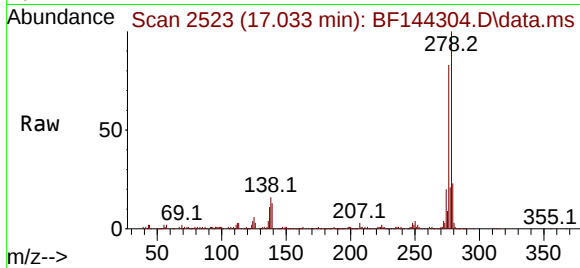




#91
Dibenzo(a,h)anthracene
Concen: 39.490 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MSD

Tgt Ion:278 Resp: 216932
Ion Ratio Lower Upper
278 100
139 13.0 9.1 13.7
279 23.3 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 41.353 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144304.D
Acq: 20 Nov 2025 19:56

Tgt Ion:276 Resp: 224326
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.4
138 17.5 12.9 19.3

