

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144285.D
 Acq On : 19 Nov 2025 18:48
 Operator : RC/JU
 Sample : Q3652-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Nov 20 00:01:22 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	6.869	152	49953	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	178139	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	89870	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	137985	20.000	ng	0.00
76) Chrysene-d12	14.045	240	138277	20.000	ng	0.00
86) Perylene-d12	15.527	264	168866	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	383113	120.017	ng	0.01
7) Phenol-d6	6.504	99	401005	110.868	ng	0.00
23) Nitrobenzene-d5	7.434	82	282883	91.714	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	138344	122.671	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	578897	95.137	ng	0.00
79) Terphenyl-d14	12.986	244	619720	71.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	53736	40.718	ng	# 80
3) Pyridine	3.499	79	123912	33.654	ng	99
4) n-Nitrosodimethylamine	3.428	42	87561	45.528	ng	96
6) Aniline	6.534	93	51686	10.030	ng	# 64
8) 2-Chlorophenol	6.657	128	134962	43.112	ng	99
9) Benzaldehyde	6.422	77	45826	22.437	ng	99
10) Phenol	6.516	94	160803	36.388	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	142442	44.236	ng	100
12) 1,3-Dichlorobenzene	6.810	146	153673	39.782	ng	98
13) 1,4-Dichlorobenzene	6.887	146	156987	40.565	ng	100
14) 1,2-Dichlorobenzene	7.040	146	149672	40.350	ng	99
15) Benzyl Alcohol	7.010	79	123028	42.956	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	252774	42.628	ng	90
17) 2-Methylphenol	7.122	107	103545	41.577	ng	96
18) Hexachloroethane	7.381	117	49173	38.245	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	101931	42.809	ng	98
20) 3+4-Methylphenols	7.281	107	120043	40.890	ng	# 87
22) Acetophenone	7.275	105	182251	47.691	ng	99
24) Nitrobenzene	7.451	77	152337	45.488	ng	99
25) Isophorone	7.687	82	267089	45.780	ng	98
26) 2-Nitrophenol	7.769	139	77752	46.901	ng	95
27) 2,4-Dimethylphenol	7.804	122	127644	51.371	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	169688	46.576	ng	98
29) 2,4-Dichlorophenol	8.010	162	127493	44.518	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	129342	43.983	ng	98
31) Naphthalene	8.169	128	373314	44.055	ng	100
32) Benzoic acid	7.922	122	61587	33.814	ng	89
33) 4-Chloroaniline	8.222	127	24204	7.832	ng	96
34) Hexachlorobutadiene	8.287	225	89209	40.252	ng	99
35) Caprolactam	8.587	113	31047	39.570	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	108997	42.468	ng	99
37) 2-Methylnaphthalene	8.863	142	222917	39.346	ng	99
38) 1-Methylnaphthalene	8.963	142	227641	41.642	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	136272	46.267	ng	98
41) Hexachlorocyclopentadiene	9.016	237	82320	73.847	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	92900	46.342	ng	98

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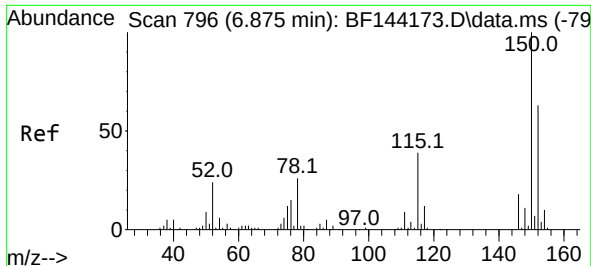
Quant Time: Nov 20 00:01:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	95619	44.257	ng	99
46) 1,1'-Biphenyl	9.328	154	305315	48.670	ng	100
47) 2-Chloronaphthalene	9.351	162	248518	46.442	ng	100
48) 2-Nitroaniline	9.451	65	73677	47.719	ng	96
49) Acenaphthylene	9.769	152	381366	52.298	ng	100
50) Dimethylphthalate	9.628	163	288491	48.456	ng	99
51) 2,6-Dinitrotoluene	9.692	165	60405	50.119	ng	93
52) Acenaphthene	9.939	154	205709	42.185	ng	100
53) 3-Nitroaniline	9.863	138	16170	12.273	ng	100
54) 2,4-Dinitrophenol	9.975	184	47264	64.943	ng	98
55) Dibenzofuran	10.116	168	305637	44.752	ng	99
56) 4-Nitrophenol	10.034	139	69097	72.503	ng	96
57) 2,4-Dinitrotoluene	10.098	165	77074	47.770	ng	98
58) Fluorene	10.457	166	239033	46.034	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	69828	45.681	ng	96
60) Diethylphthalate	10.328	149	251311	45.789	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	132300	44.729	ng	99
62) 4-Nitroaniline	10.475	138	49373	39.351	ng	96
63) Azobenzene	10.610	77	236794	46.358	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	38717	41.303	ng	96
66) n-Nitrosodiphenylamine	10.563	169	228215	51.423	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	82808	47.017	ng	97
68) Hexachlorobenzene	11.004	284	97566	47.031	ng	98
69) Atrazine	11.092	200	68404	48.466	ng	99
70) Pentachlorophenol	11.204	266	102181	98.914	ng	98
71) Phenanthrene	11.422	178	327901	47.729	ng	99
72) Anthracene	11.475	178	346028	49.534	ng	100
73) Carbazole	11.628	167	308339	51.907	ng	100
74) Di-n-butylphthalate	11.957	149	359160	50.015	ng	99
75) Fluoranthene	12.616	202	398362	56.133	ng	99
77) Benzidine	12.739	184	87729	21.449	ng	98
78) Pyrene	12.845	202	410718	36.839	ng	99
80) Butylbenzylphthalate	13.457	149	167789	43.422	ng	99
81) Benzo(a)anthracene	14.033	228	484570	50.562	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	101926	31.027	ng	94
83) Chrysene	14.074	228	419483	47.416	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	240073	45.384	ng	97
85) Di-n-octyl phthalate	14.627	149	452219	49.549	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	417945	34.479	ng	98
88) Benzo(b)fluoranthene	15.092	252	536614	55.895	ng	99
89) Benzo(k)fluoranthene	15.121	252	419650	46.701	ng	99
90) Benzo(a)pyrene	15.463	252	454224	51.286	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	342295	35.161	ng	98
92) Benzo(g,h,i)perylene	17.480	276	307479	31.984	ng	100

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

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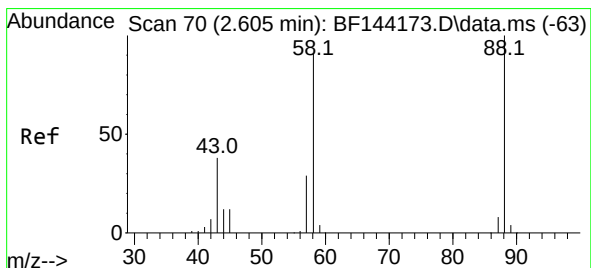
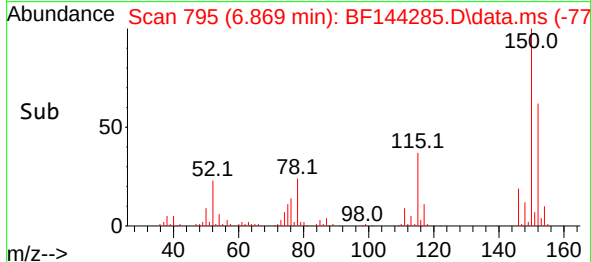
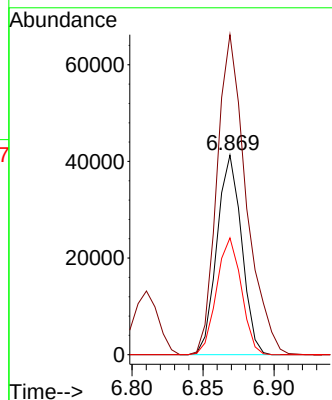
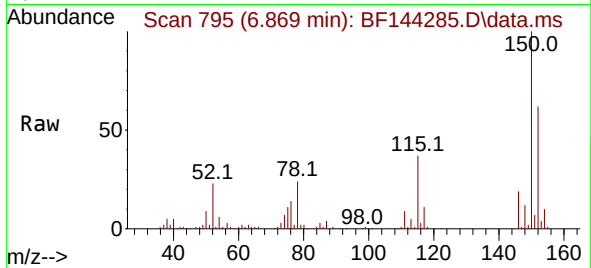




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144285.D
 Acq: 19 Nov 2025 18:48

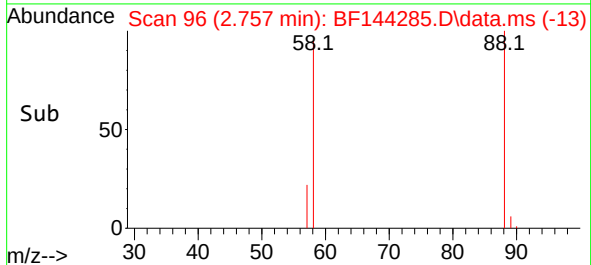
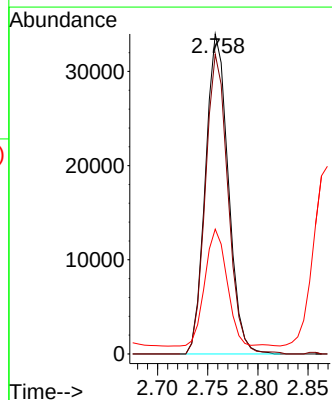
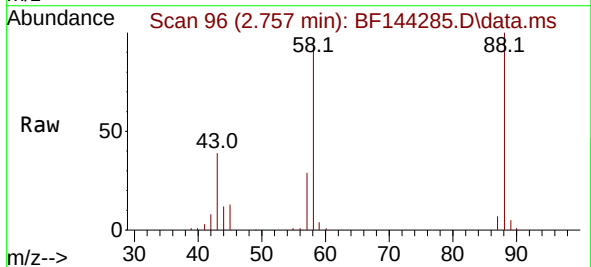
Instrument :
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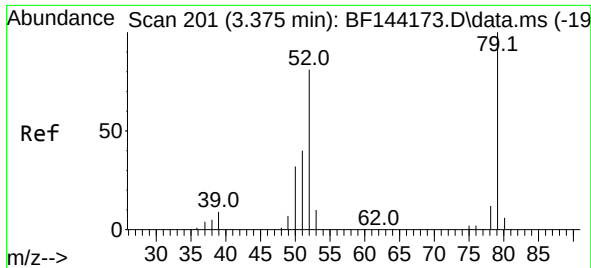
Tgt Ion:152 Resp: 49953
 Ion Ratio Lower Upper
 152 100
 150 160.3 127.4 191.0
 115 58.6 49.5 74.3



#2
 1,4-Dioxane
 Concen: 40.718 ng
 RT: 2.757 min Scan# 96
 Delta R.T. 0.141 min
 Lab File: BF144285.D
 Acq: 19 Nov 2025 18:48

Tgt Ion: 88 Resp: 53736
 Ion Ratio Lower Upper
 88 100
 58 93.0 73.1 109.7
 43 0.0 31.0 46.6

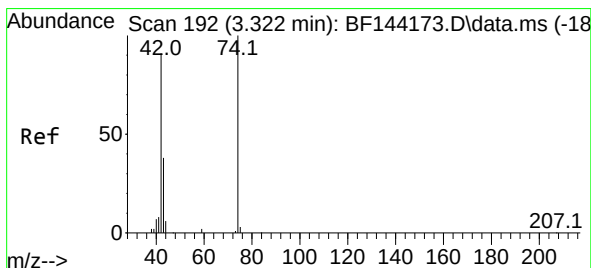
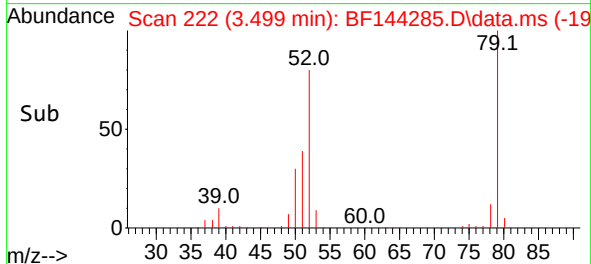
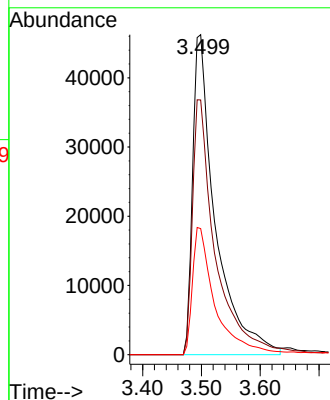
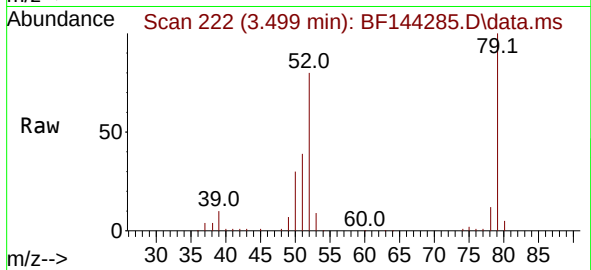




#3
Pyridine
Concen: 33.654 ng
RT: 3.499 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

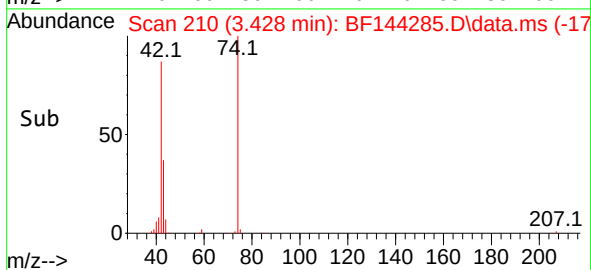
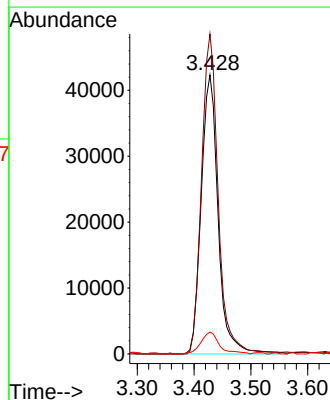
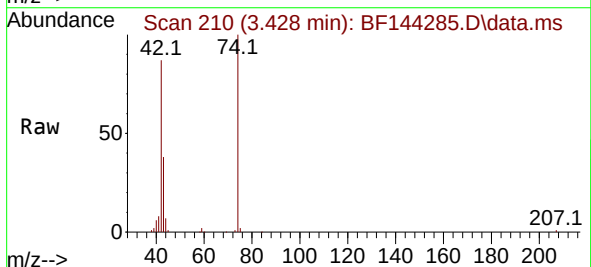
Instrument :
BNA_F
ClientSampleId :
TP-1MS

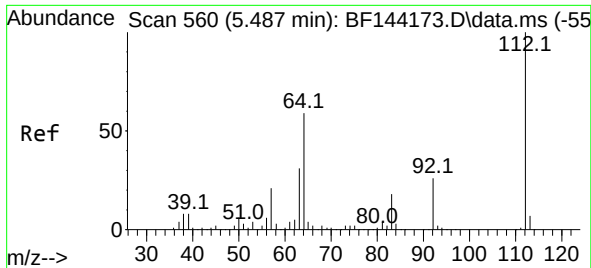
Tgt Ion: 79 Resp: 123912
Ion Ratio Lower Upper
79 100
52 79.6 64.5 96.7
51 39.4 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 45.528 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.082 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion: 42 Resp: 87561
Ion Ratio Lower Upper
42 100
74 114.7 88.2 132.4
44 7.9 5.7 8.5

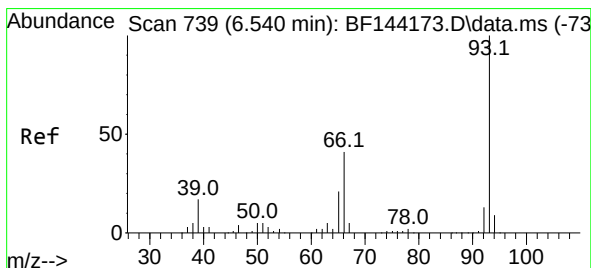
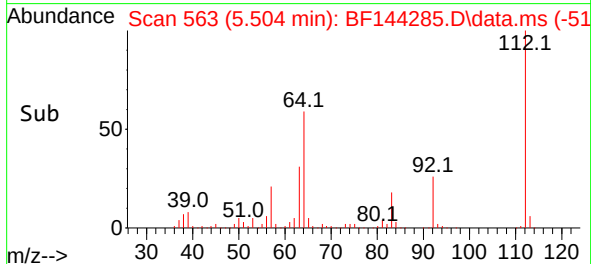
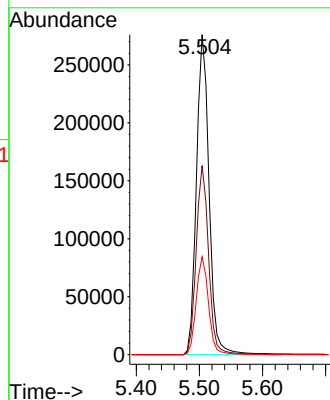
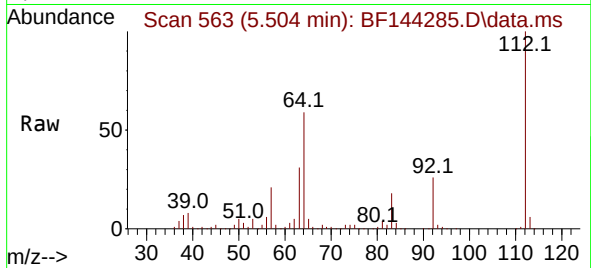




#5
2-Fluorophenol
Concen: 120.017 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

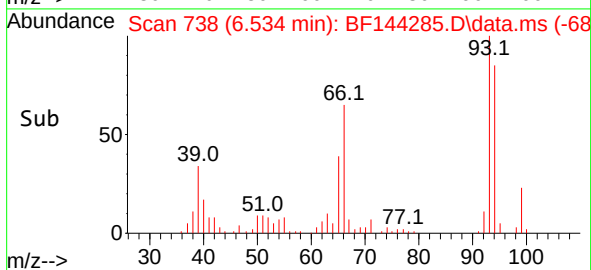
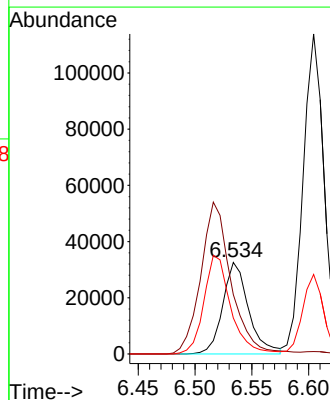
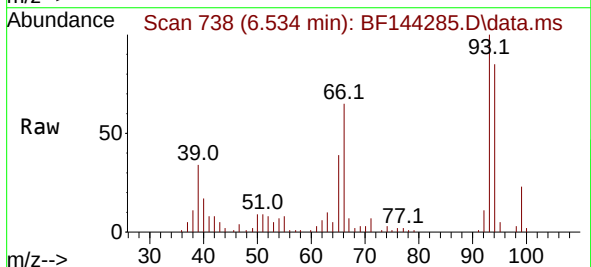
Instrument :
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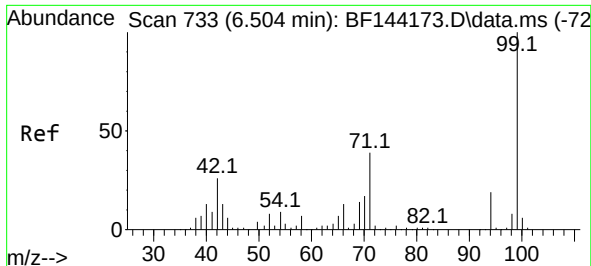
Tgt Ion:112 Resp: 383113
Ion Ratio Lower Upper
112 100
64 59.1 47.2 70.8
63 30.6 24.4 36.6



#6
Aniline
Concen: 10.030 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion: 93 Resp: 51686
Ion Ratio Lower Upper
93 100
66 64.8 34.3 51.5#
65 39.4 16.9 25.3#

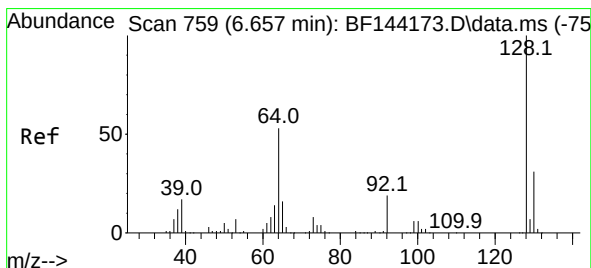
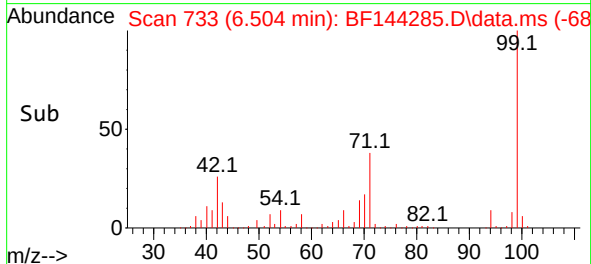
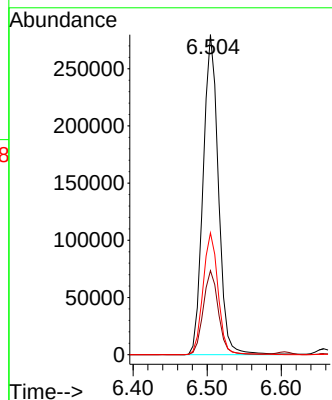
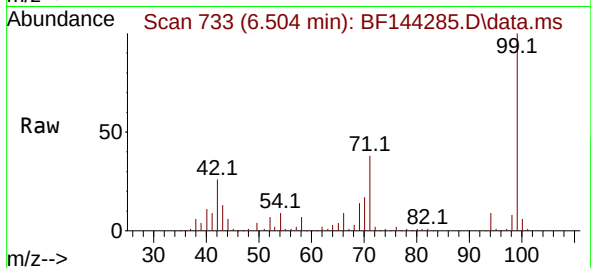




#7
Phenol-d6
Concen: 110.868 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

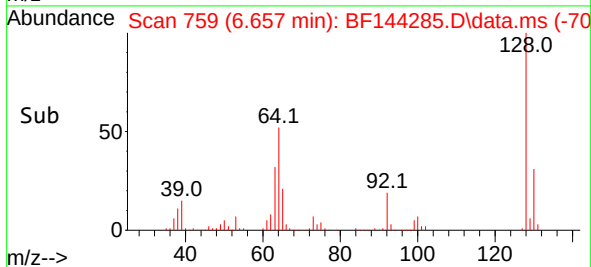
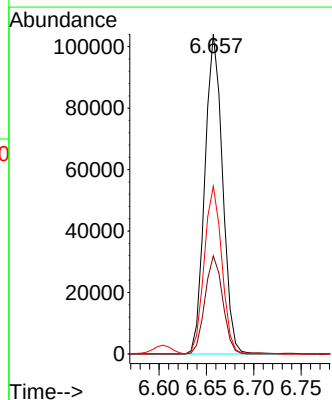
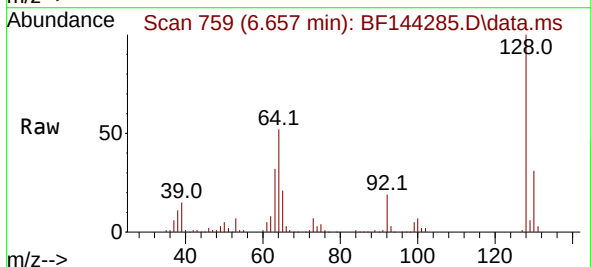
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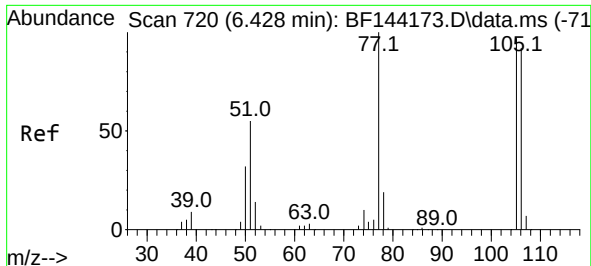
Tgt Ion: 99 Resp: 401005
Ion Ratio Lower Upper
99 100
42 26.3 20.9 31.3
71 38.0 31.4 47.2



#8
2-Chlorophenol
Concen: 43.112 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:128 Resp: 134962
Ion Ratio Lower Upper
128 100
130 30.7 10.5 50.5
64 52.5 33.2 73.2





#9

Benzaldehyde

Concen: 22.437 ng

RT: 6.422 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

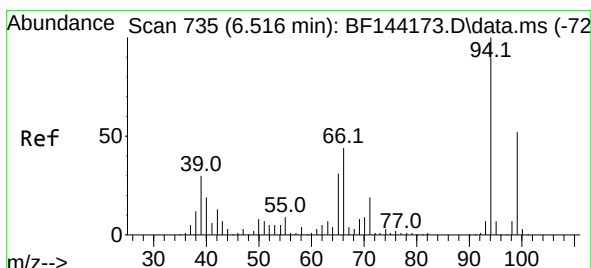
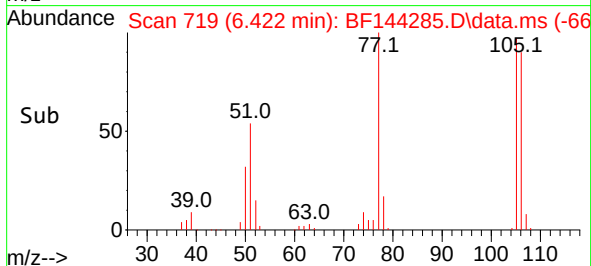
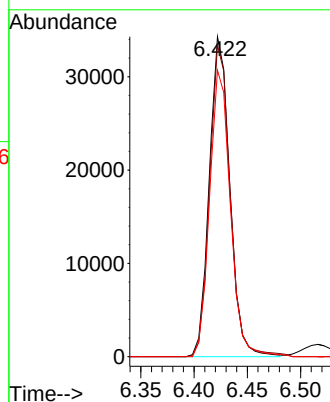
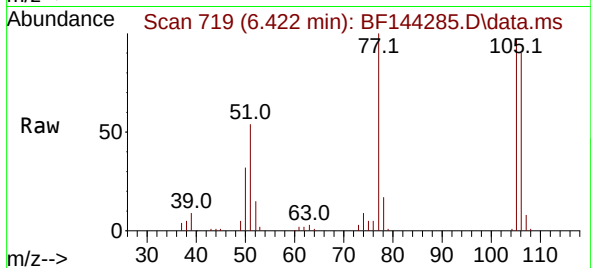
Tgt Ion: 77 Resp: 45826

Ion Ratio Lower Upper

77 100

105 97.4 77.2 117.2

106 89.5 72.2 112.2



#10

Phenol

Concen: 36.388 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

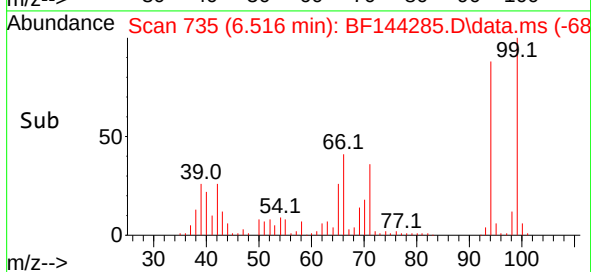
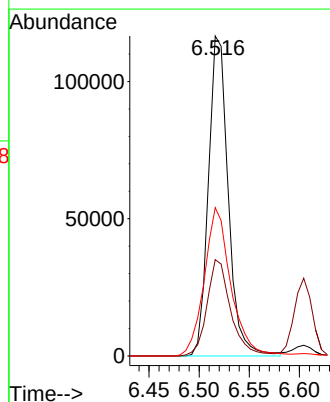
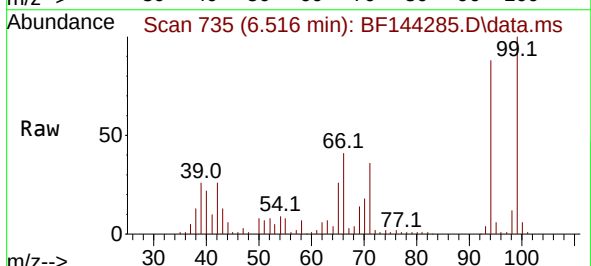
Tgt Ion: 94 Resp: 160803

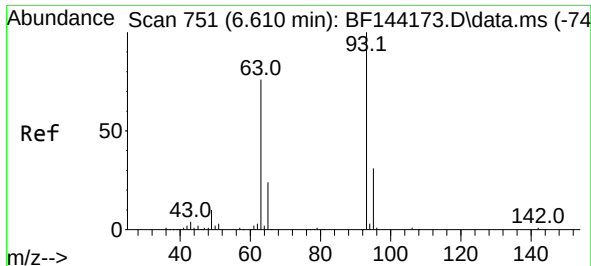
Ion Ratio Lower Upper

94 100

65 30.1 10.8 50.8

66 46.4 24.3 64.3

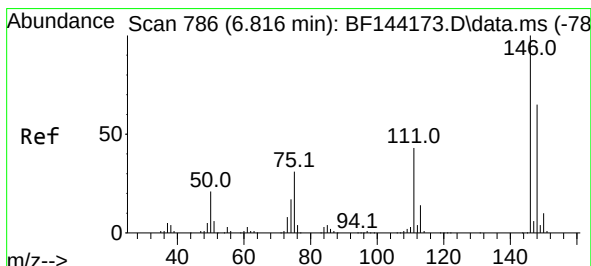
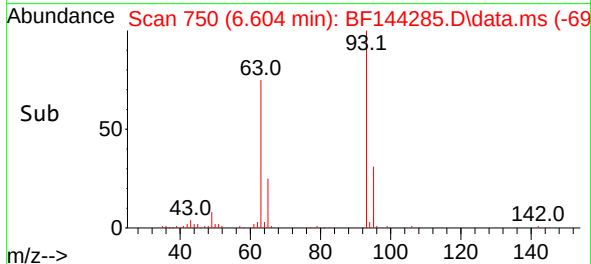
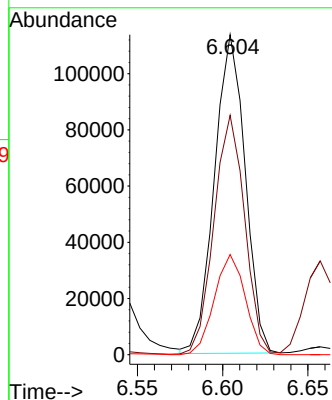
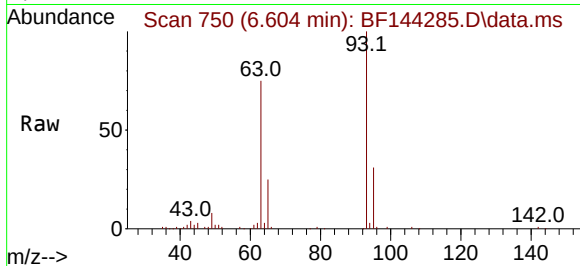




#11
bis(2-Chloroethyl)ether
Concen: 44.236 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

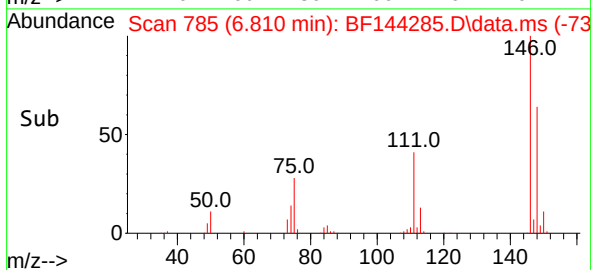
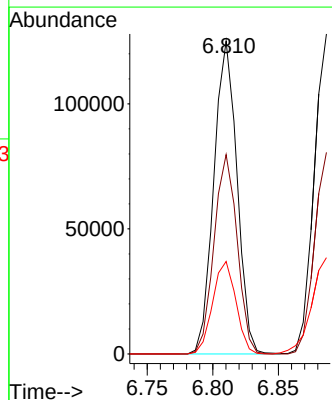
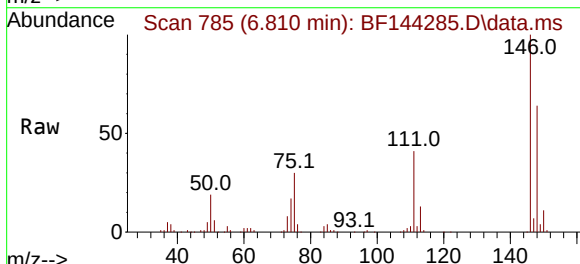
Instrument :
BNA_F
ClientSampleId :
TP-1MS

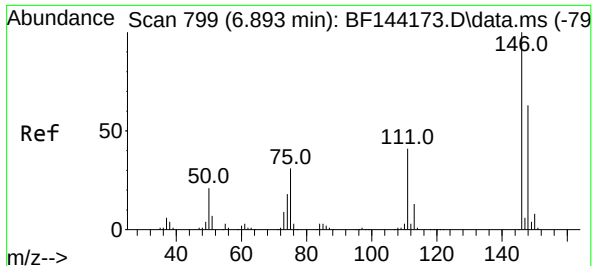
Tgt Ion: 93 Resp: 142442
Ion Ratio Lower Upper
93 100
63 74.8 55.2 95.2
95 31.3 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.782 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:146 Resp: 153673
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 29.6 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 40.565 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

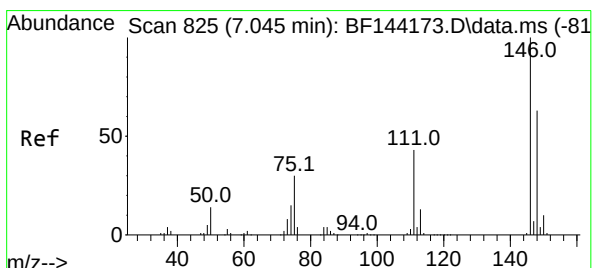
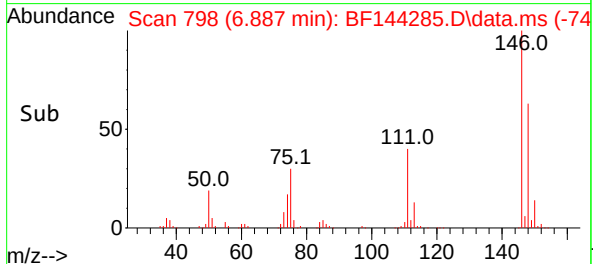
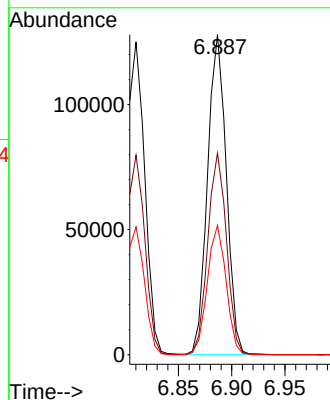
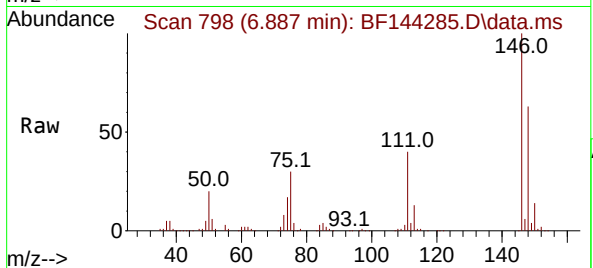
Tgt Ion:146 Resp: 156987

Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.2

111 40.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.350 ng

RT: 7.040 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

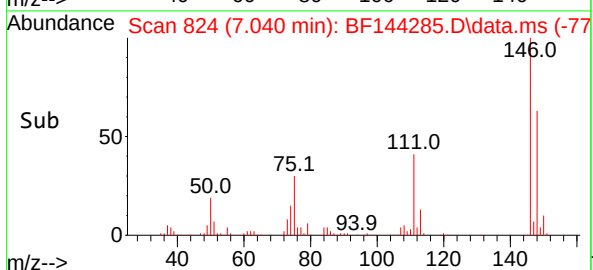
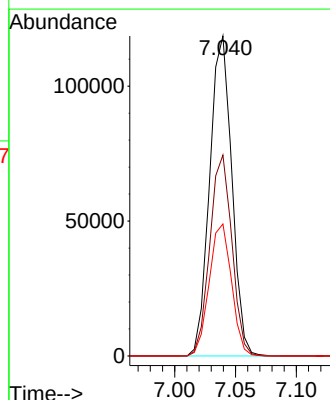
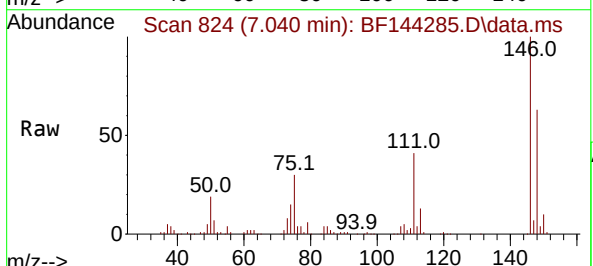
Tgt Ion:146 Resp: 149672

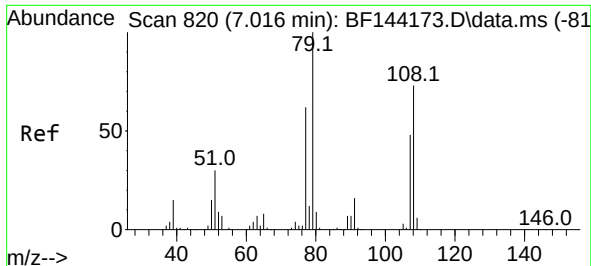
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 41.3 34.2 51.4

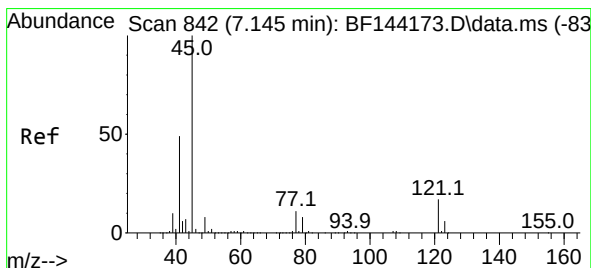
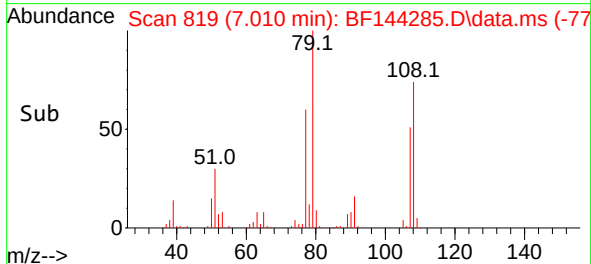
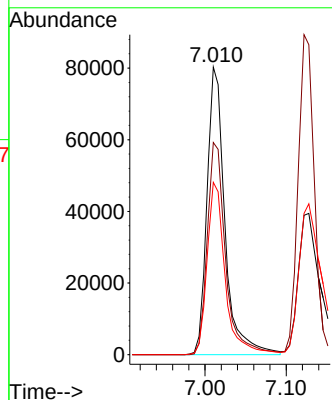
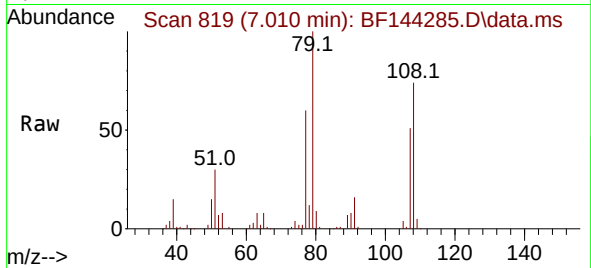




#15
Benzyl Alcohol
Concen: 42.956 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

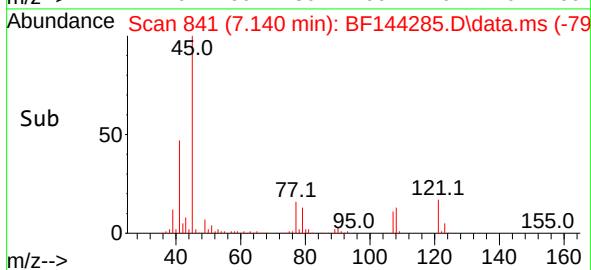
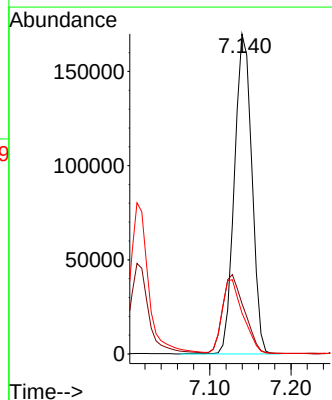
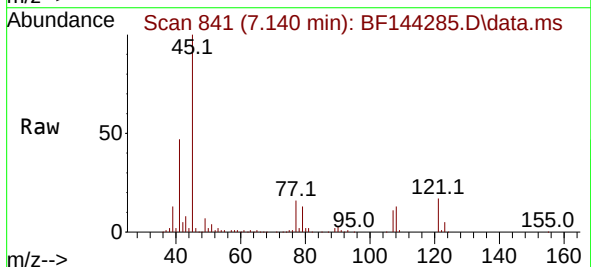
Instrument :
BNA_F
ClientSampleId :
TP-1MS

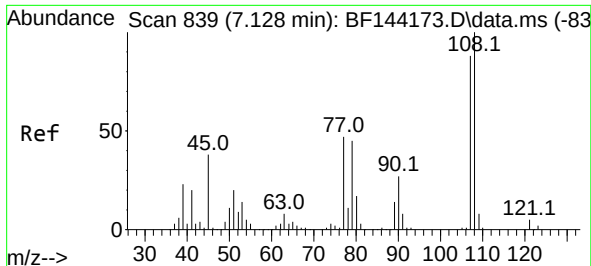
Tgt Ion: 79 Resp: 123028
Ion Ratio Lower Upper
79 100
108 73.8 58.2 87.4
77 59.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.628 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion: 45 Resp: 252774
Ion Ratio Lower Upper
45 100
77 15.7 0.0 31.8
79 12.8 0.0 29.1





#17

2-Methylphenol

Concen: 41.577 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:107 Resp: 103545

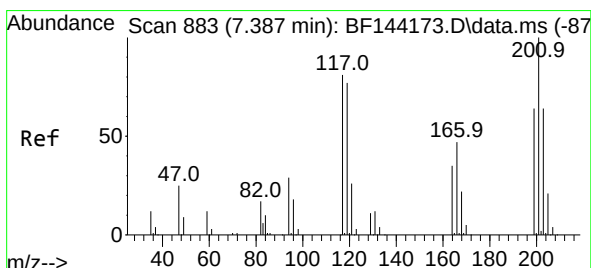
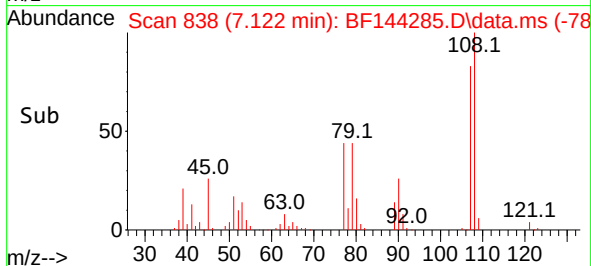
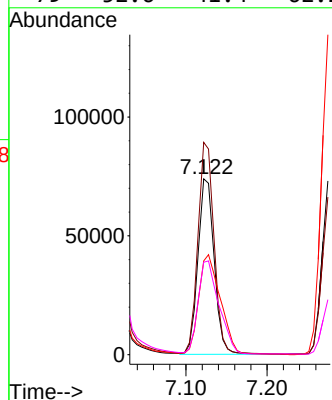
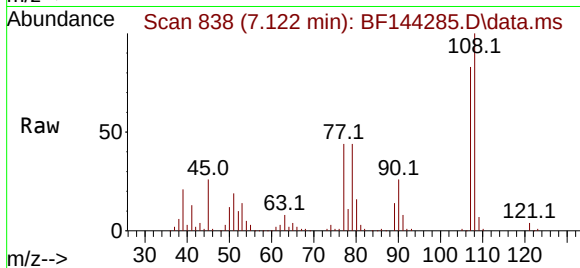
Ion Ratio Lower Upper

107 100

108 120.7 91.0 136.4

77 53.3 42.7 64.1

79 52.6 41.4 62.2



#18

Hexachloroethane

Concen: 38.245 ng

RT: 7.381 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

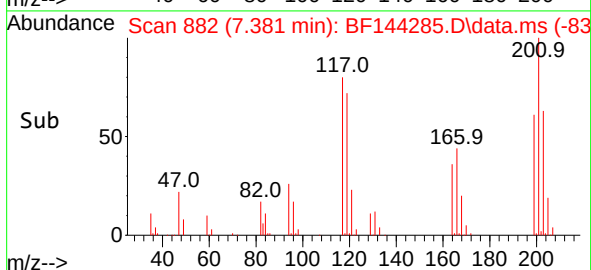
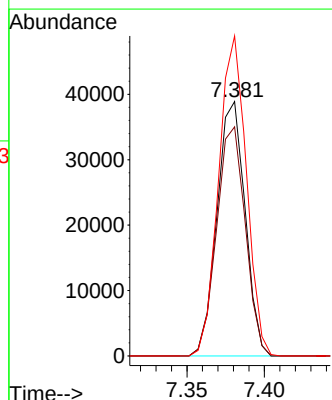
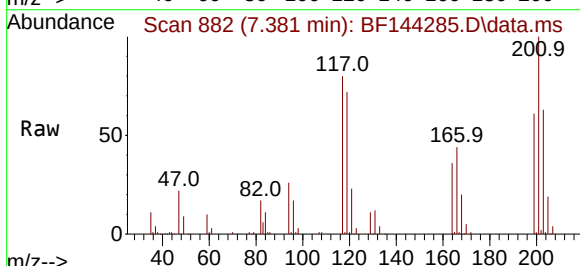
Tgt Ion:117 Resp: 49173

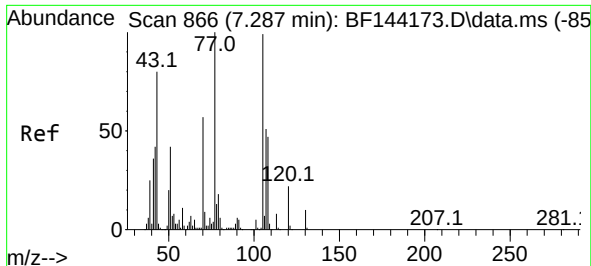
Ion Ratio Lower Upper

117 100

119 90.0 75.8 113.8

201 125.7 98.9 148.3



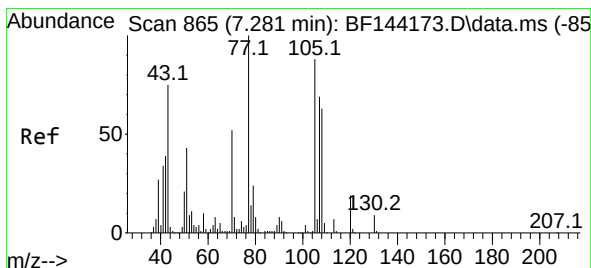
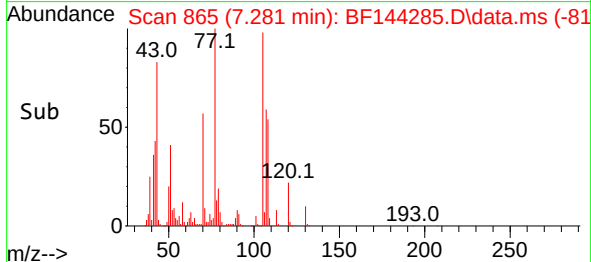
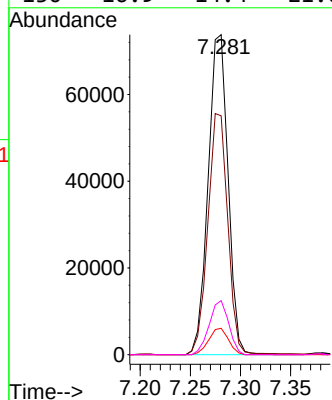
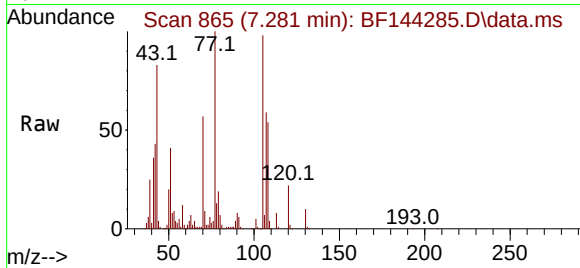


#19
n-Nitroso-di-n-propylamine
Concen: 42.809 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 70 Resp: 101931

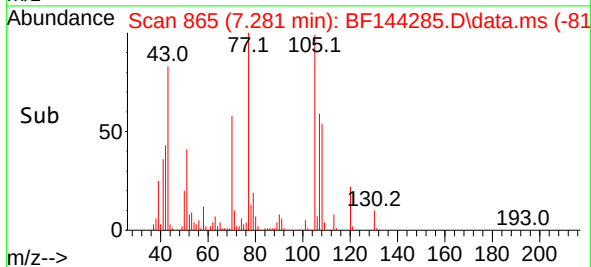
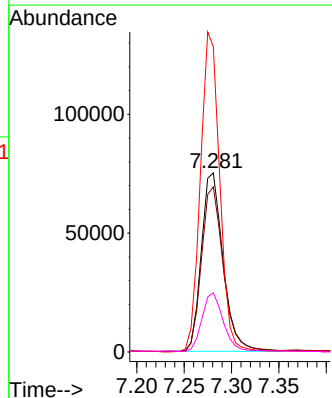
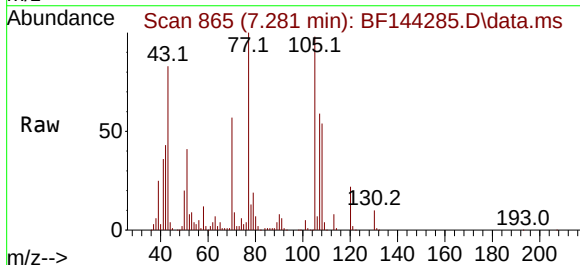
Ion	Ratio	Lower	Upper
70	100		
42	74.6	58.3	87.5
101	8.3	7.0	10.6
130	16.9	14.4	21.6

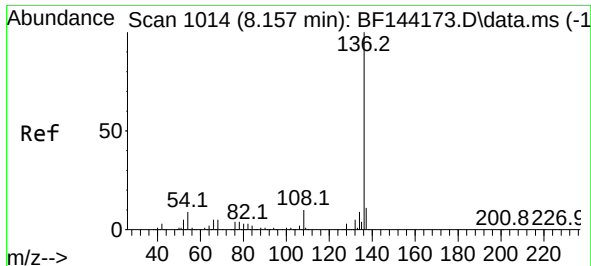


#20
3+4-Methylphenols
Concen: 40.890 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion: 107 Resp: 120043

Ion	Ratio	Lower	Upper
107	100		
108	92.3	70.2	110.2
77	170.5	123.9	163.9#
79	33.1	14.2	54.2

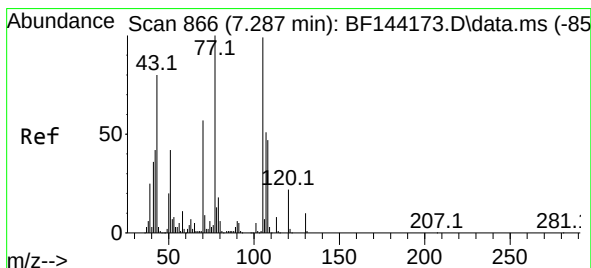
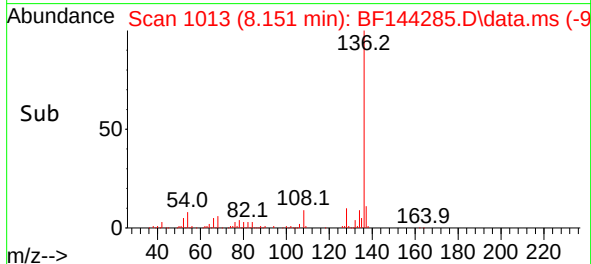
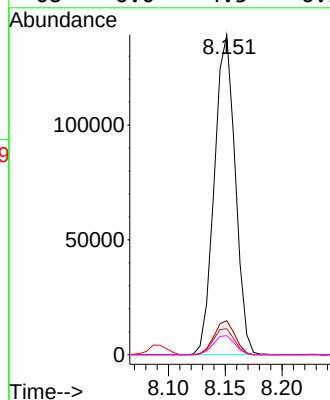
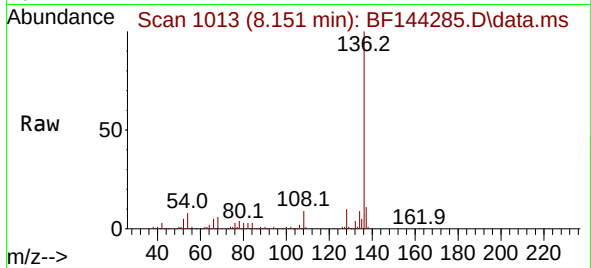




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

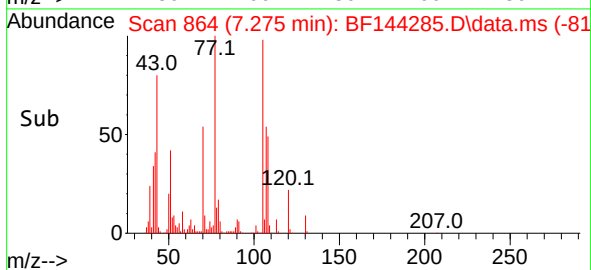
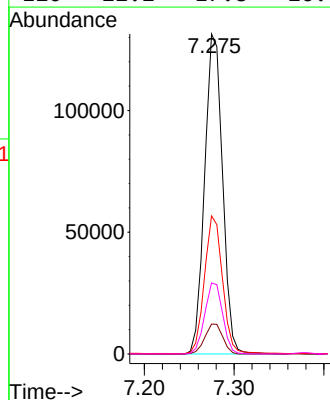
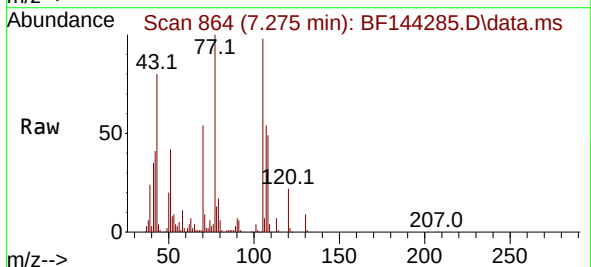
Instrument :
BNA_F
ClientSampleId :
TP-1MS

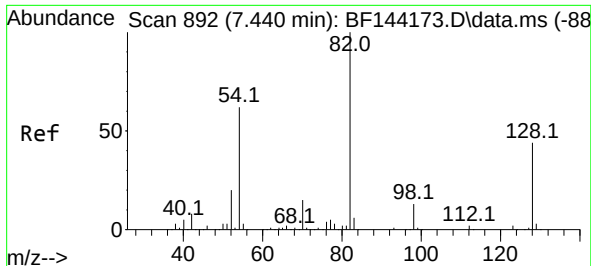
Tgt Ion:	136	Resp:	178139
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.1	7.0	10.6
68	6.0	4.3	6.5



#22
Acetophenone
Concen: 47.691 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:	105	Resp:	182251
Ion	Ratio	Lower	Upper
105	100		
71	9.4	7.2	10.8
51	43.1	34.0	51.0
120	22.2	17.8	26.6

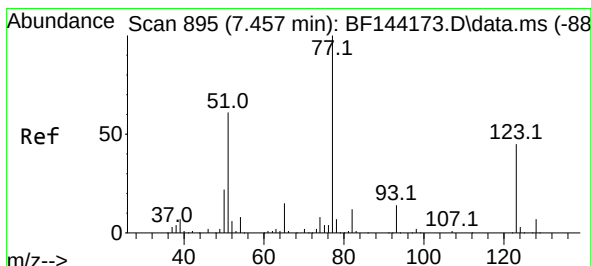
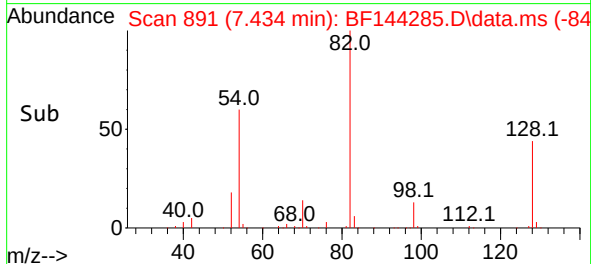
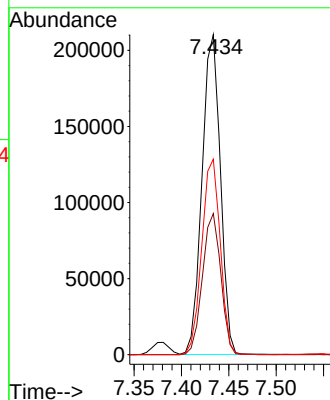
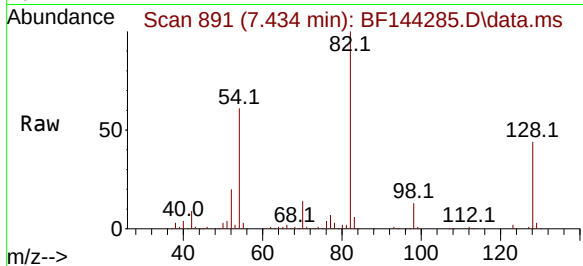




#23
Nitrobenzene-d5
Concen: 91.714 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

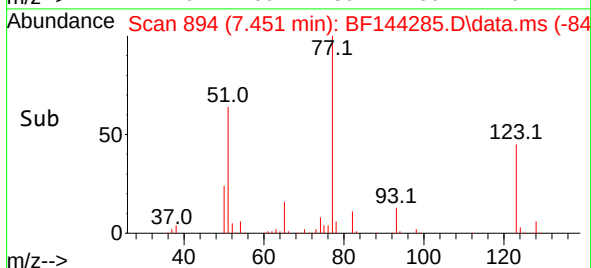
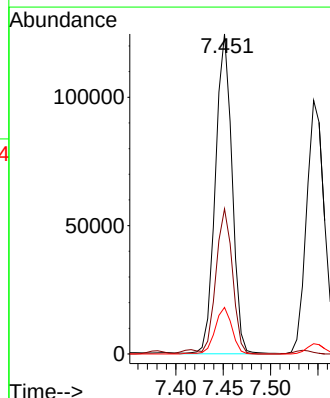
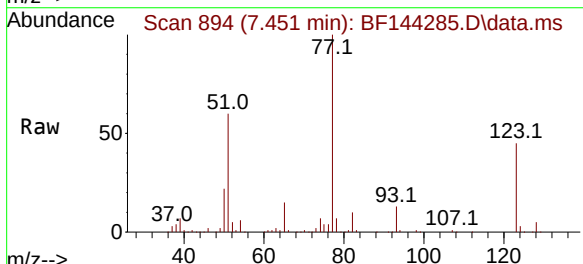
Instrument :
BNA_F
ClientSampleId :
TP-1MS

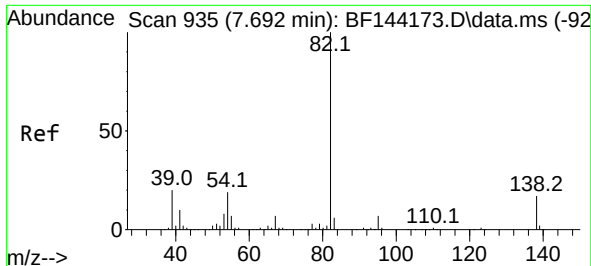
Tgt Ion: 82 Resp: 282883
Ion Ratio Lower Upper
82 100
128 44.1 34.7 52.1
54 61.1 49.5 74.3



#24
Nitrobenzene
Concen: 45.488 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion: 77 Resp: 152337
Ion Ratio Lower Upper
77 100
123 45.4 35.8 53.8
65 14.5 12.2 18.2

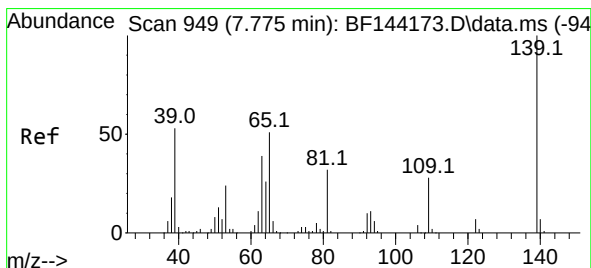
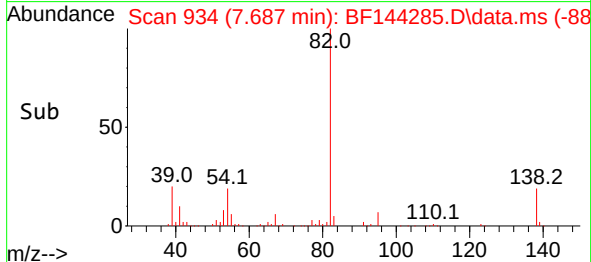
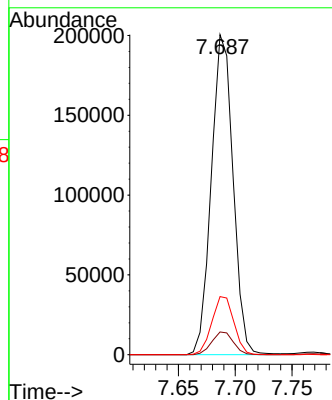
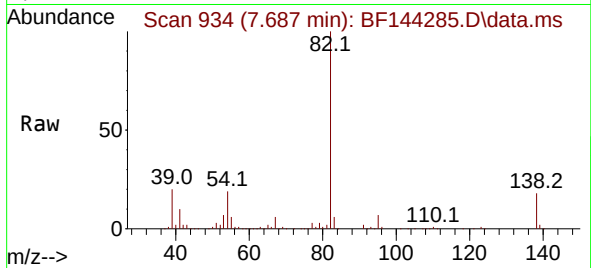




#25
Isophorone
Concen: 45.780 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

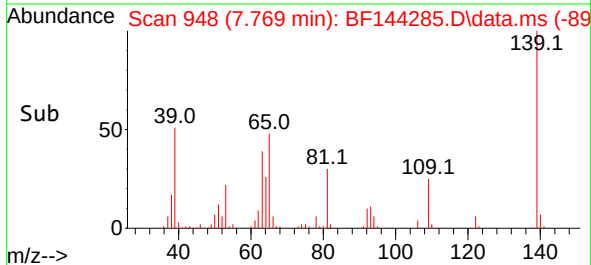
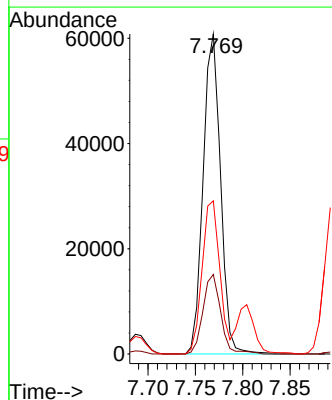
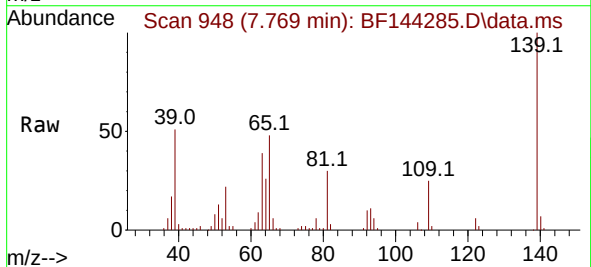
Instrument :
BNA_F
ClientSampleId :
TP-1MS

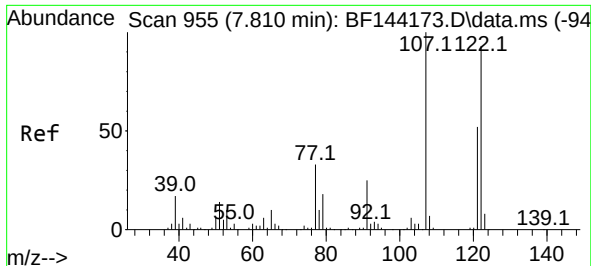
Tgt Ion: 82 Resp: 267089
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.1 13.7 20.5



#26
2-Nitrophenol
Concen: 46.901 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:139 Resp: 77752
Ion Ratio Lower Upper
139 100
109 24.8 22.2 33.2
65 47.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 51.371 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-IMS

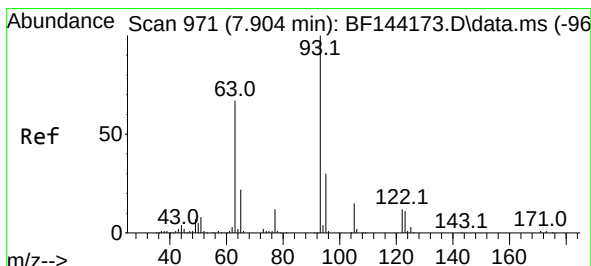
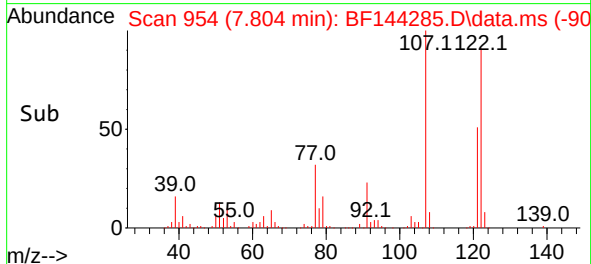
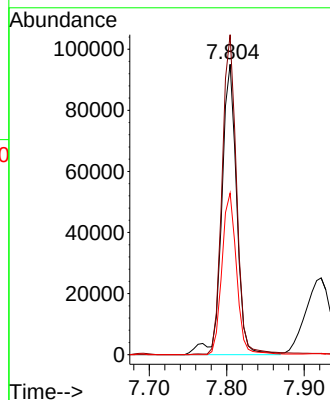
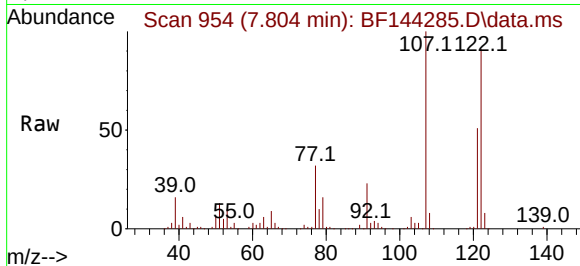
Tgt Ion:122 Resp: 127644

Ion Ratio Lower Upper

122 100

107 110.2 86.2 129.4

121 55.7 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.576 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

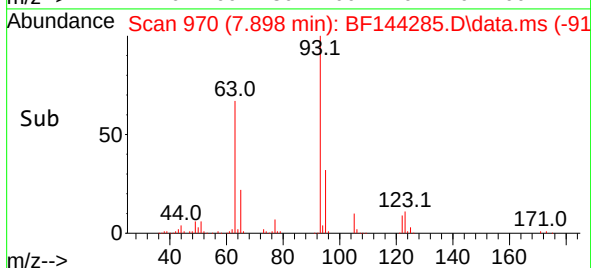
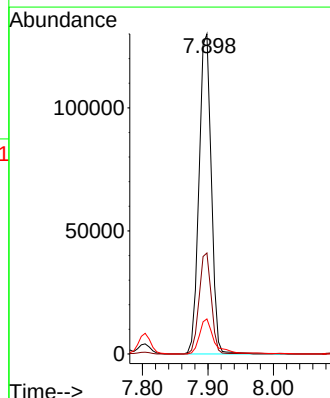
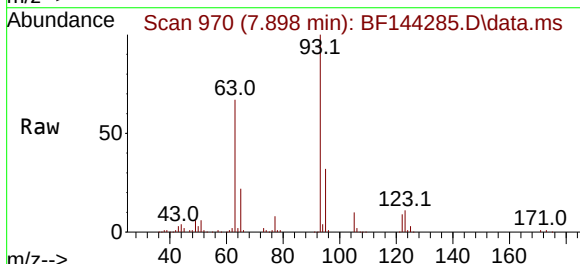
Tgt Ion: 93 Resp: 169688

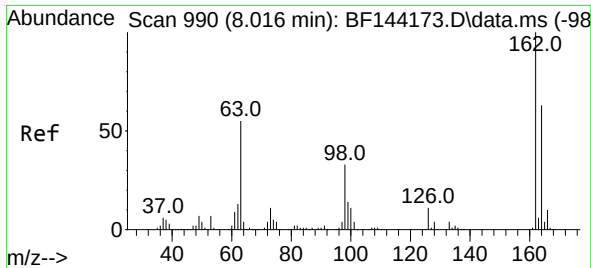
Ion Ratio Lower Upper

93 100

95 31.5 24.2 36.4

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.518 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

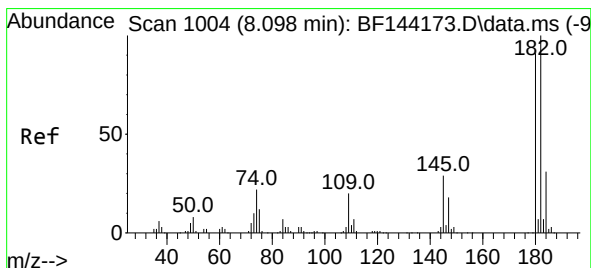
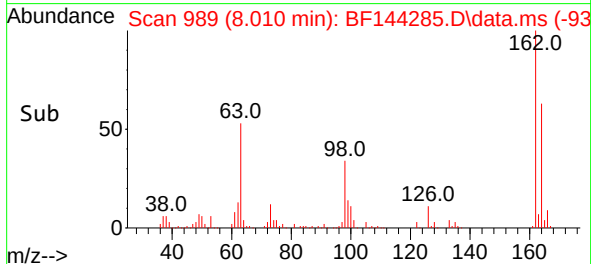
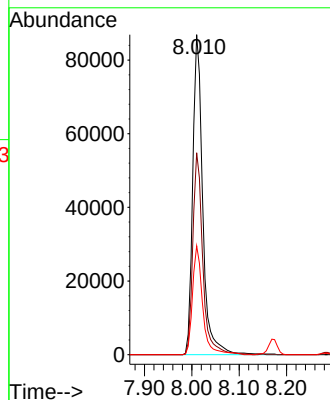
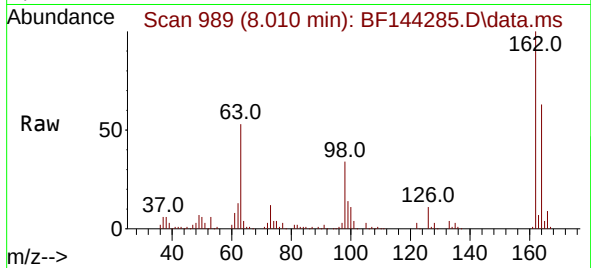
Tgt Ion:162 Resp: 127493

Ion Ratio Lower Upper

162 100

164 63.1 42.9 82.9

98 34.0 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 43.983 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

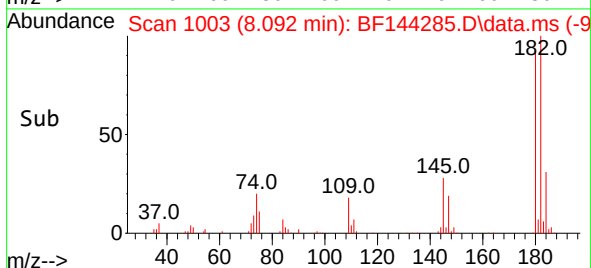
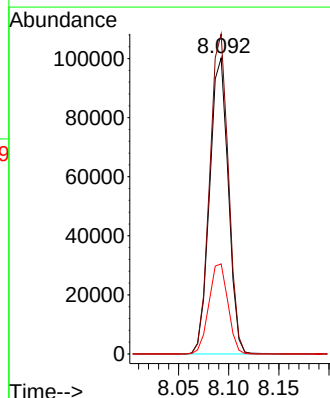
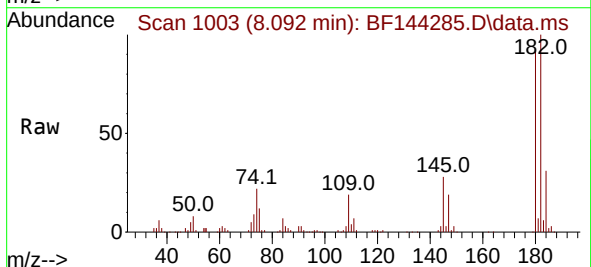
Tgt Ion:180 Resp: 129342

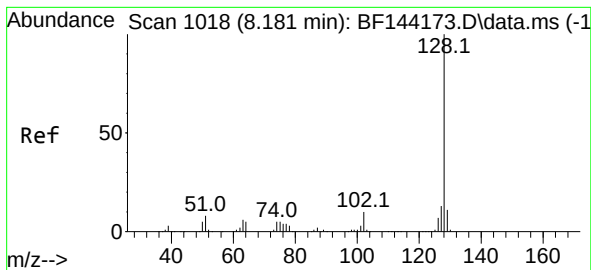
Ion Ratio Lower Upper

180 100

182 108.1 87.7 131.5

145 30.4 25.4 38.0





#31

Naphthalene

Concen: 44.055 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

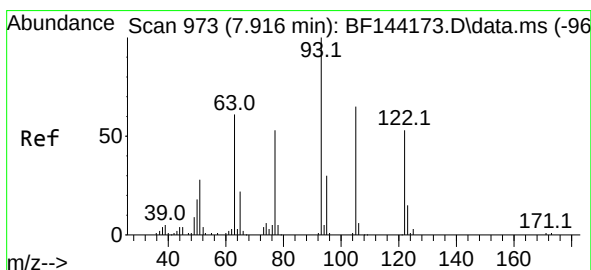
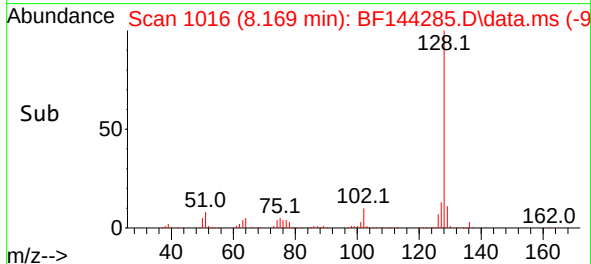
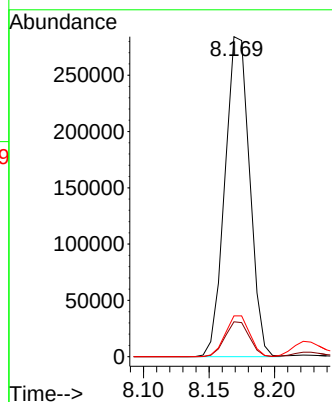
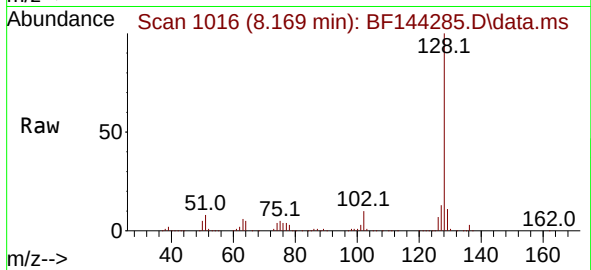
Tgt Ion:128 Resp: 373314

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 12.8 10.3 15.5



#32

Benzoic acid

Concen: 33.814 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.029 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

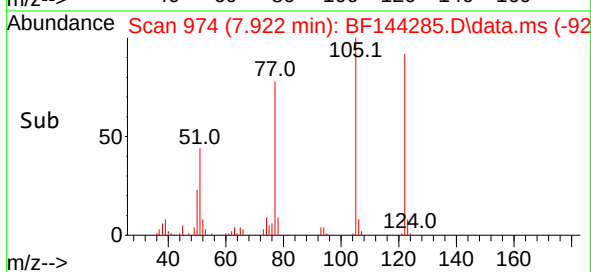
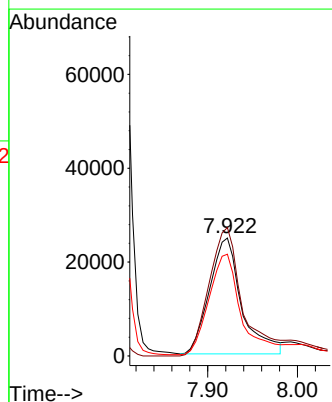
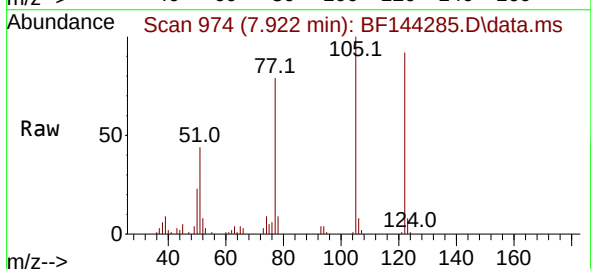
Tgt Ion:122 Resp: 61587

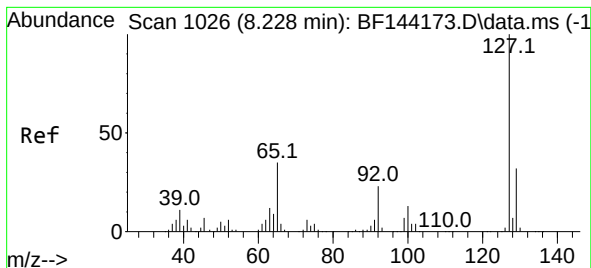
Ion Ratio Lower Upper

122 100

105 108.8 99.9 139.9

77 86.3 77.5 117.5





#33

4-Chloroaniline

Concen: 7.832 ng

RT: 8.222 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:127 Resp: 24204

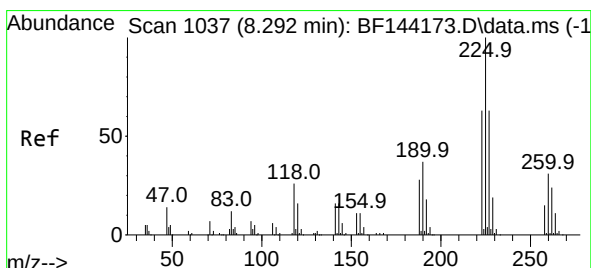
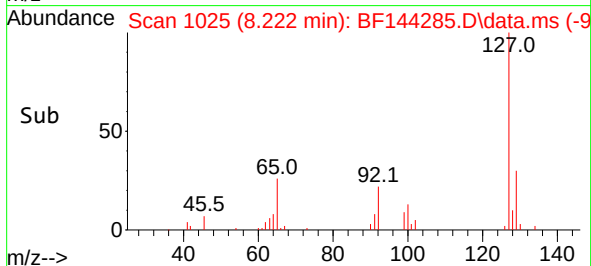
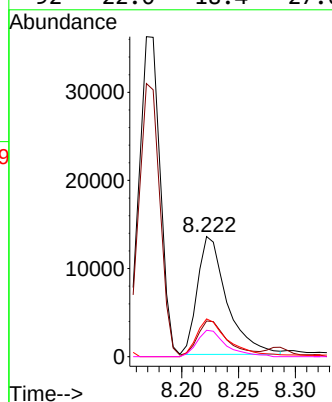
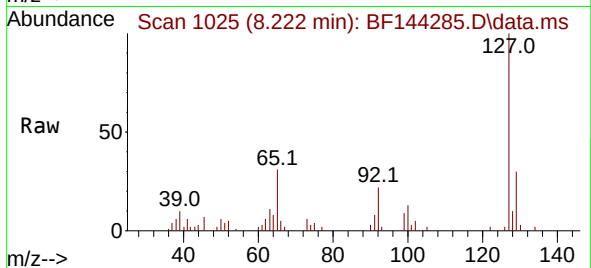
Ion Ratio Lower Upper

127 100

129 29.6 25.3 37.9

65 31.4 27.6 41.4

92 22.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 40.252 ng

RT: 8.287 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

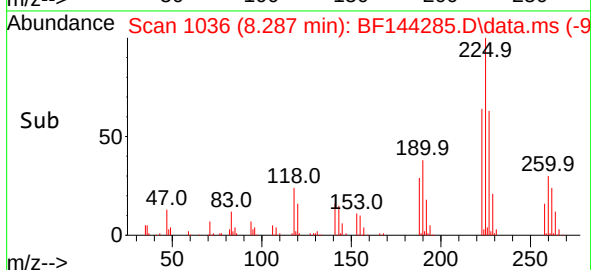
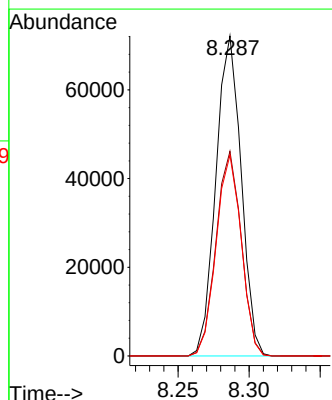
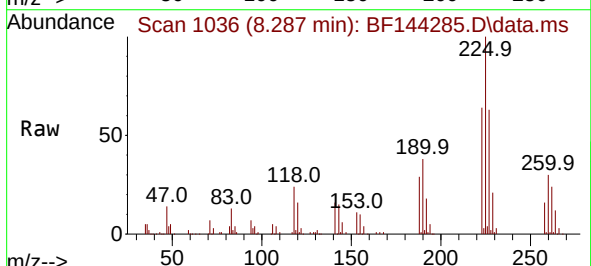
Tgt Ion:225 Resp: 89209

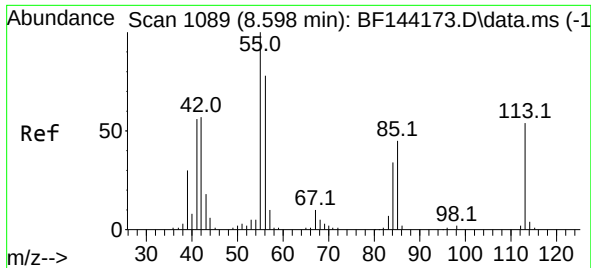
Ion Ratio Lower Upper

225 100

223 64.0 50.2 75.4

227 62.7 50.1 75.1

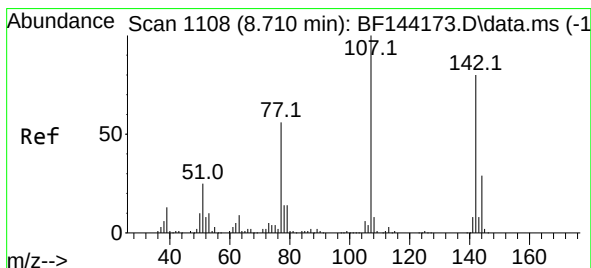
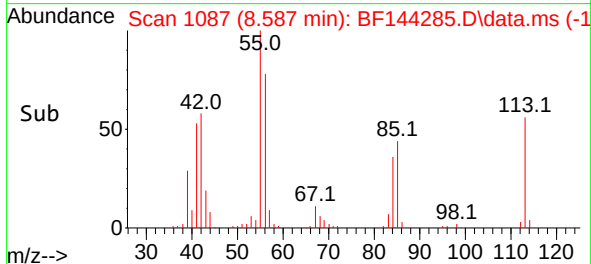
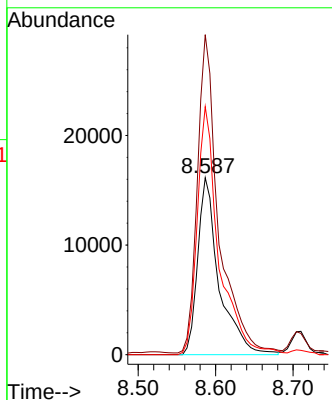
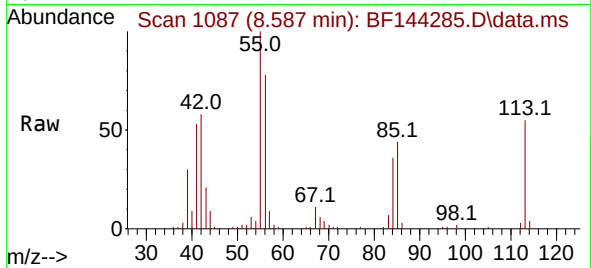




#35
Caprolactam
Concen: 39.570 ng
RT: 8.587 min Scan# 1087
Delta R.T. -0.035 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

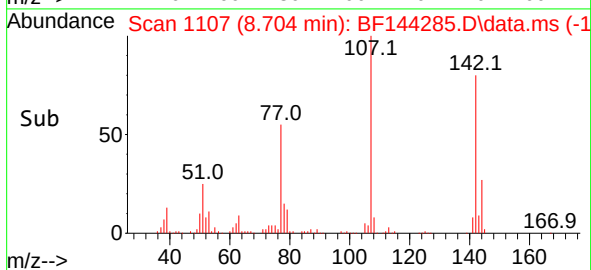
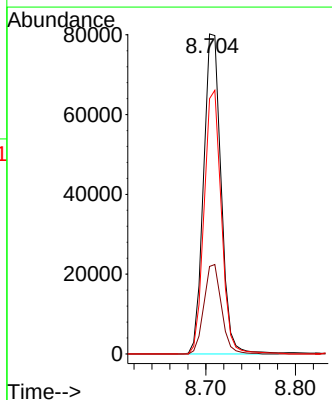
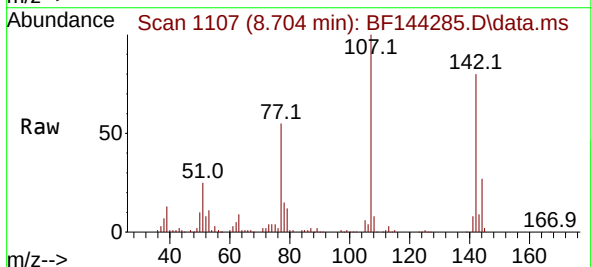
Instrument :
BNA_F
ClientSampleId :
TP-1MS

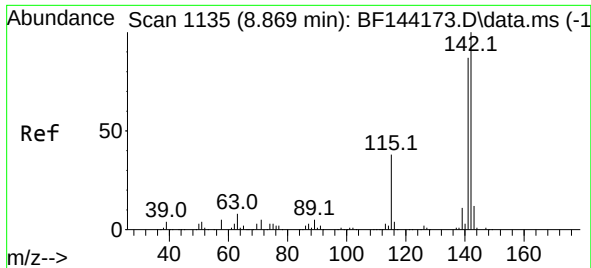
Tgt Ion:113 Resp: 31047
Ion Ratio Lower Upper
113 100
55 180.8 166.8 206.8
56 140.1 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 42.468 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:107 Resp: 108997
Ion Ratio Lower Upper
107 100
144 27.4 23.3 34.9
142 79.8 63.8 95.6

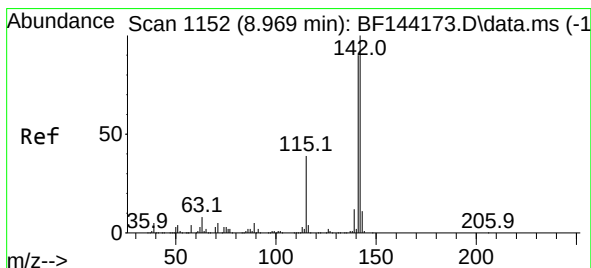
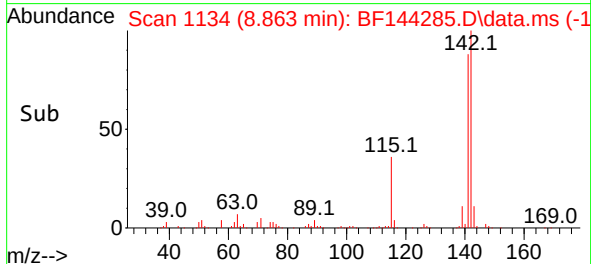
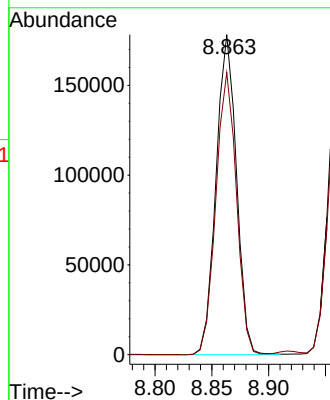
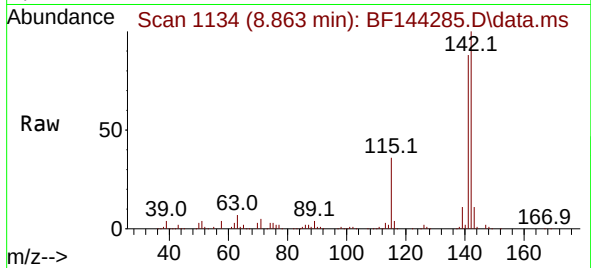




#37
2-Methylnaphthalene
Concen: 39.346 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

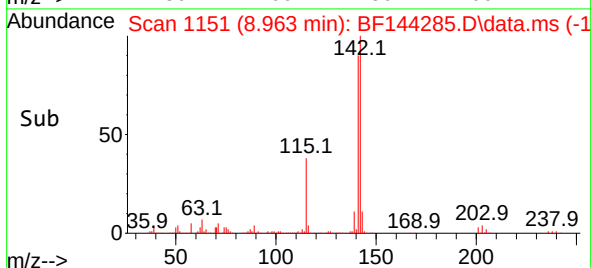
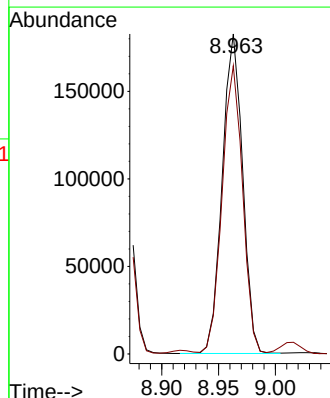
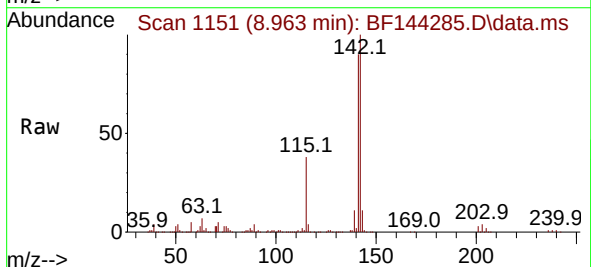
Instrument :
BNA_F
ClientSampleId :
TP-1MS

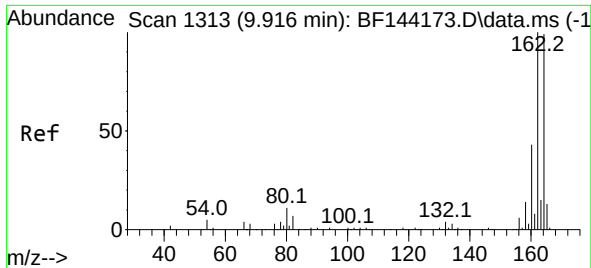
Tgt Ion:142 Resp: 222917
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 41.642 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:142 Resp: 227641
Ion Ratio Lower Upper
142 100
141 90.1 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: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

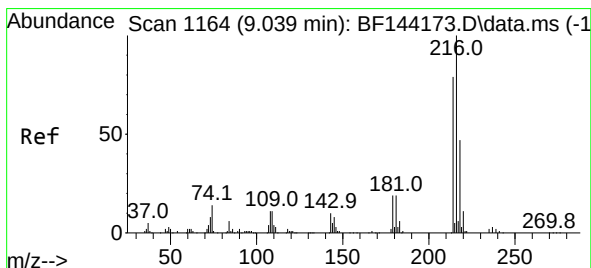
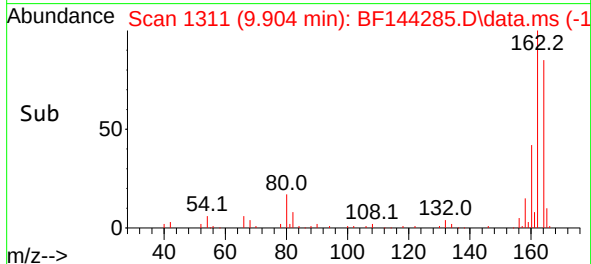
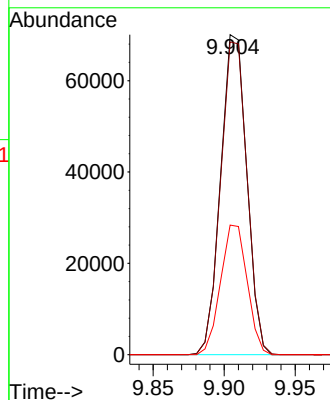
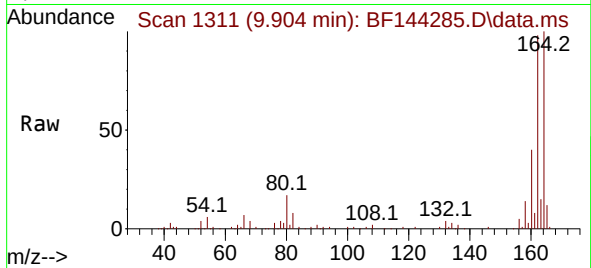
Tgt Ion:164 Resp: 89870

Ion Ratio Lower Upper

164 100

162 97.8 81.1 121.7

160 40.5 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.267 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Tgt Ion:216 Resp: 136272

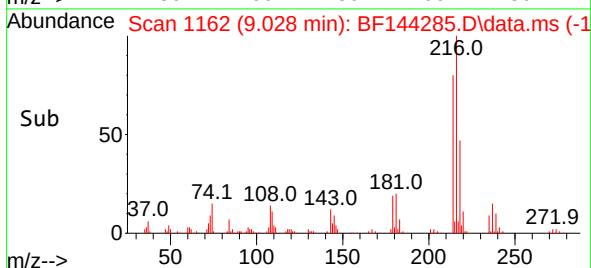
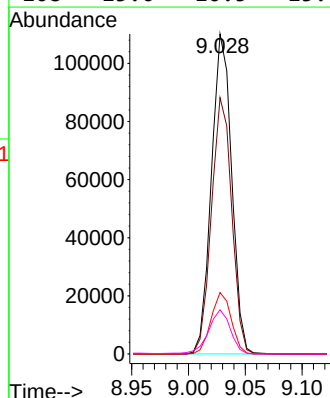
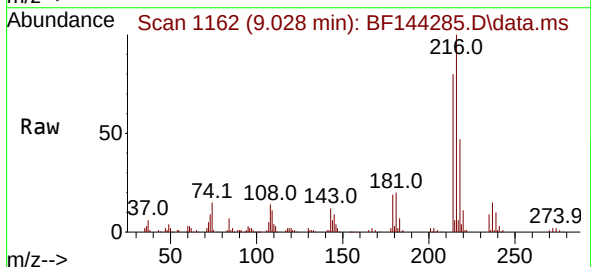
Ion Ratio Lower Upper

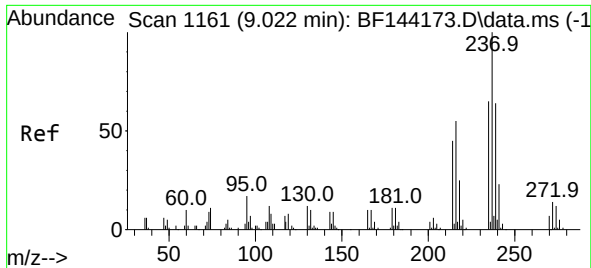
216 100

214 80.2 63.4 95.2

179 19.2 15.0 22.4

108 15.0 10.5 15.7

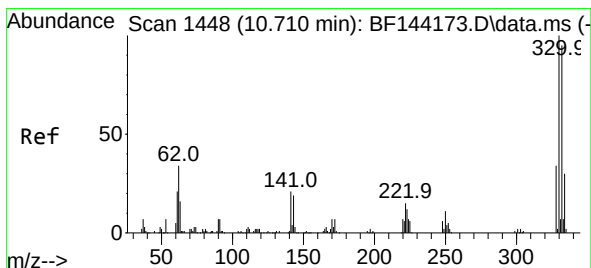
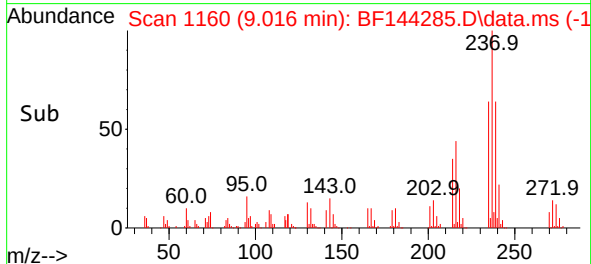
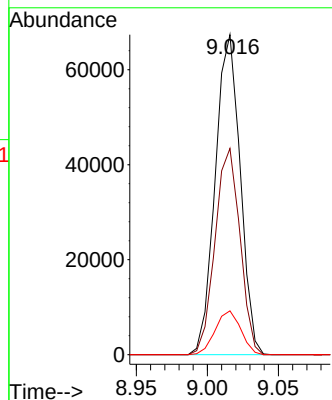
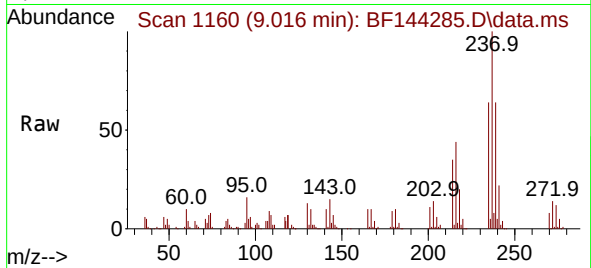




#41
Hexachlorocyclopentadiene
Concen: 73.847 ng
RT: 9.016 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

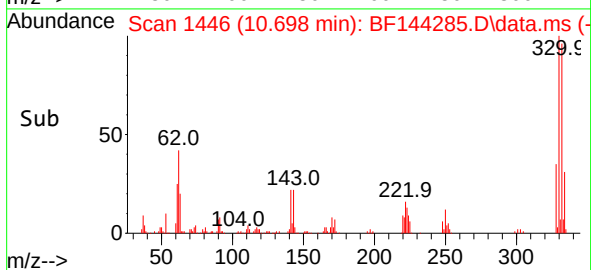
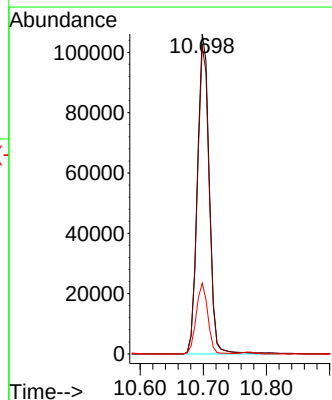
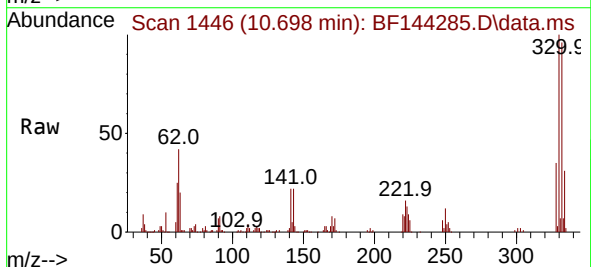
Instrument :
BNA_F
ClientSampleId :
TP-1MS

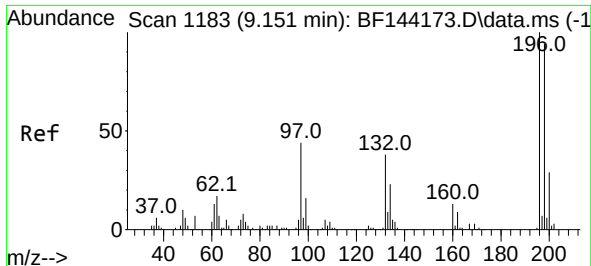
Tgt Ion:237 Resp: 82320
Ion Ratio Lower Upper
237 100
235 64.4 45.5 85.5
272 13.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 122.671 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:330 Resp: 138344
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 21.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 46.342 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

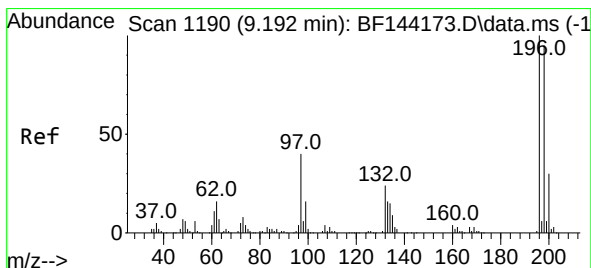
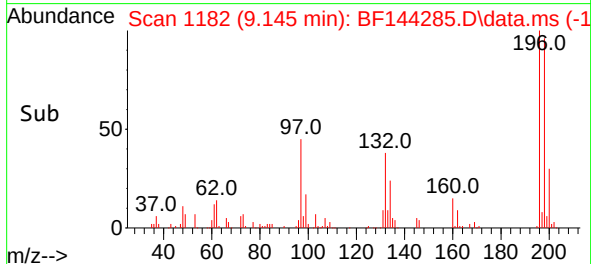
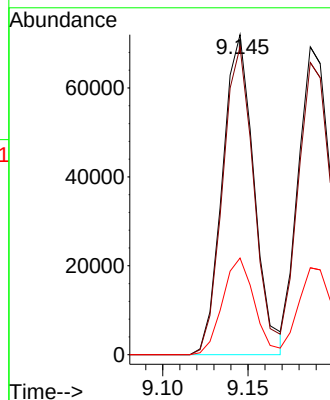
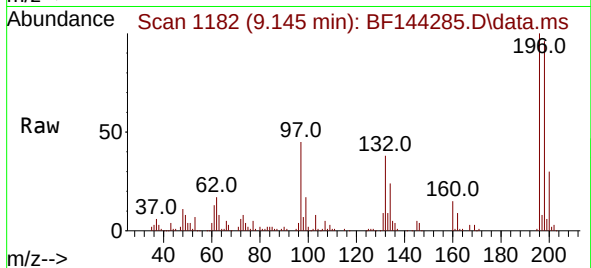
Tgt Ion:196 Resp: 92900

Ion Ratio Lower Upper

196 100

198 96.2 75.3 112.9

200 30.2 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 44.257 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Tgt Ion:196 Resp: 95619

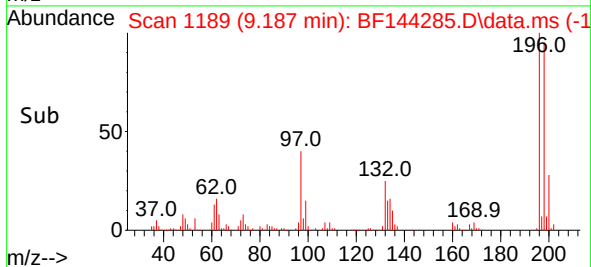
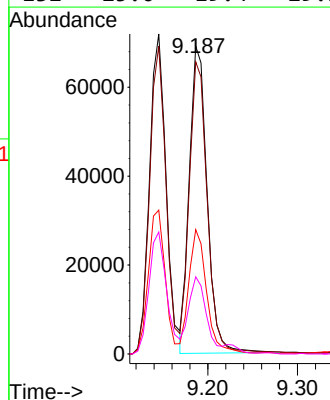
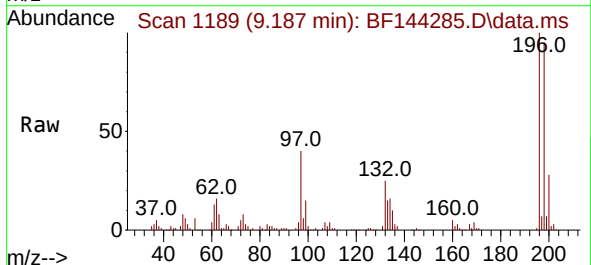
Ion Ratio Lower Upper

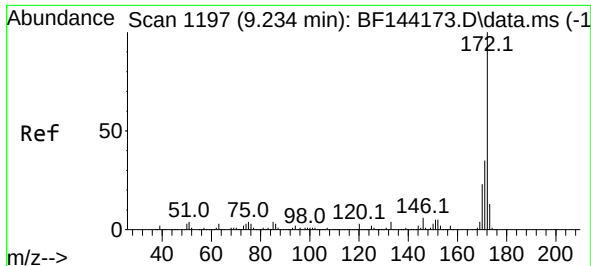
196 100

198 94.9 76.1 114.1

97 40.4 31.9 47.9

132 25.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 95.137 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

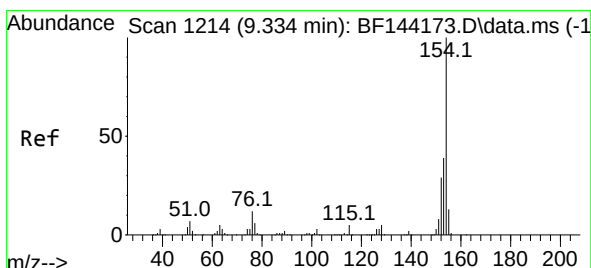
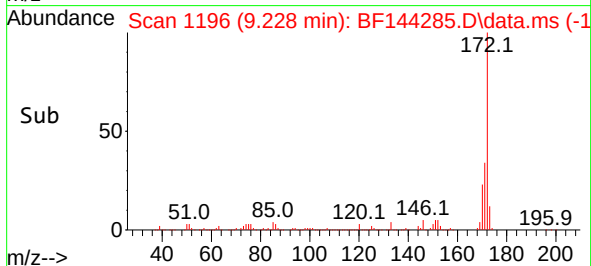
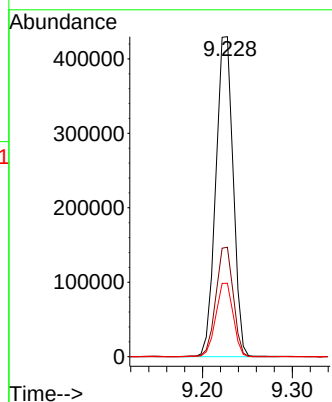
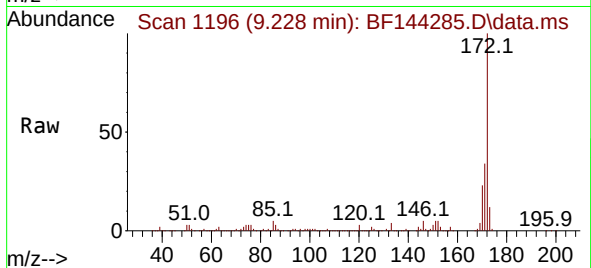
Tgt Ion:172 Resp: 578897

Ion Ratio Lower Upper

172 100

171 34.2 28.1 42.1

170 22.9 18.6 28.0



#46

1,1'-Biphenyl

Concen: 48.670 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

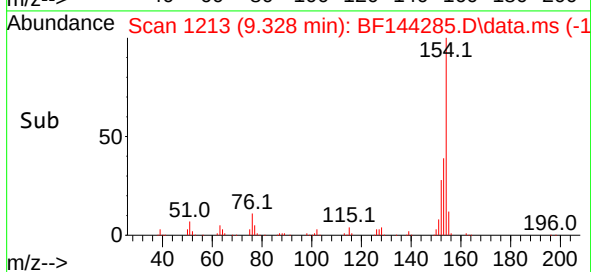
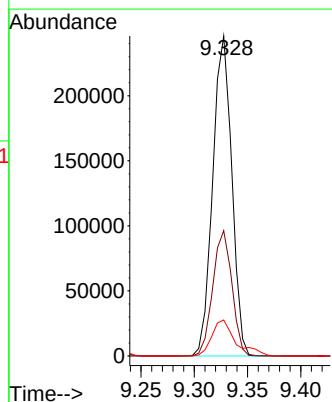
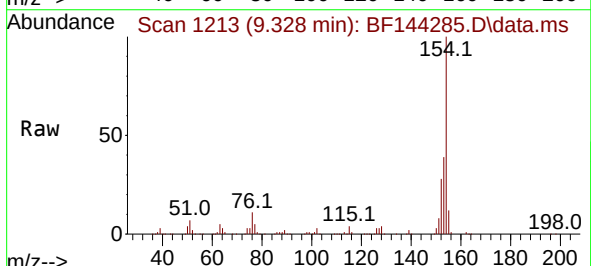
Tgt Ion:154 Resp: 305315

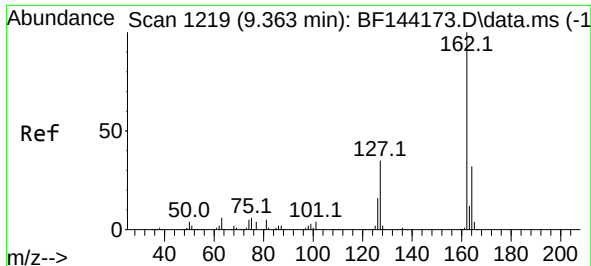
Ion Ratio Lower Upper

154 100

153 39.1 19.2 59.2

76 11.3 0.0 31.8





#47

2-Chloronaphthalene

Concen: 46.442 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

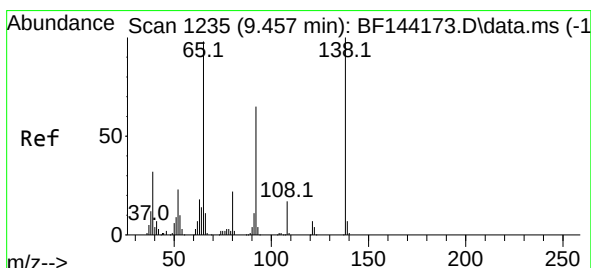
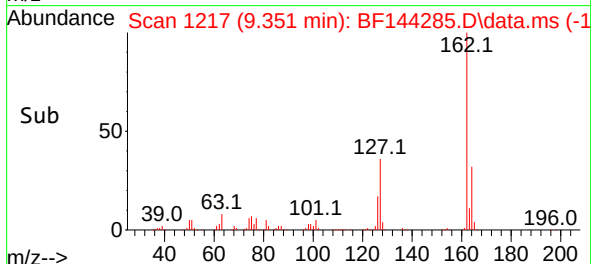
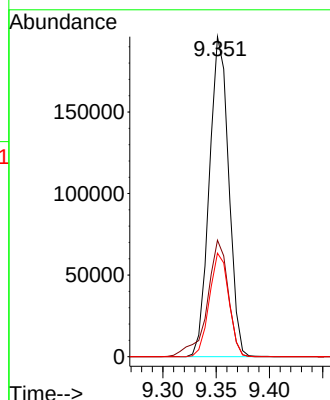
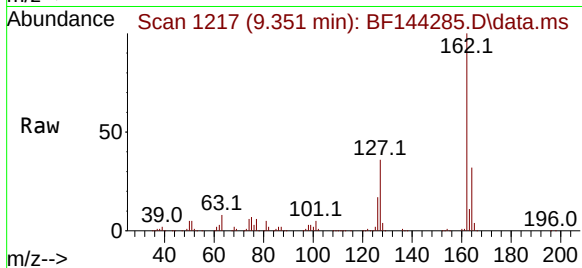
Tgt Ion:162 Resp: 248518

Ion Ratio Lower Upper

162 100

127 36.4 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 47.719 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

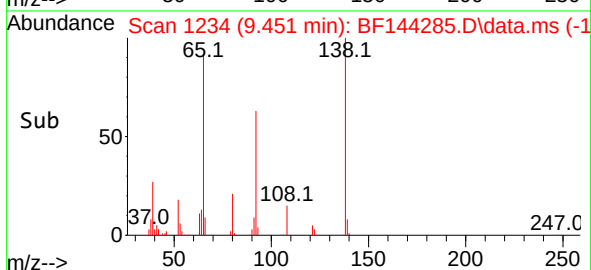
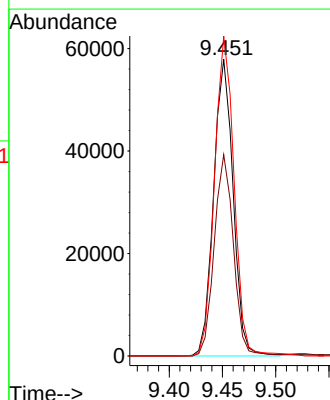
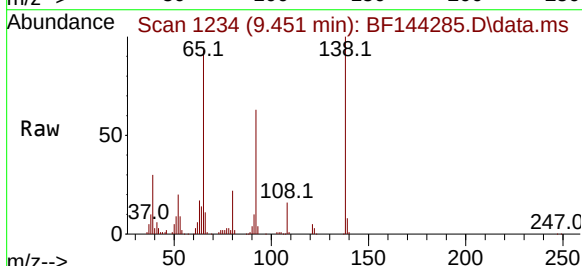
Tgt Ion: 65 Resp: 73677

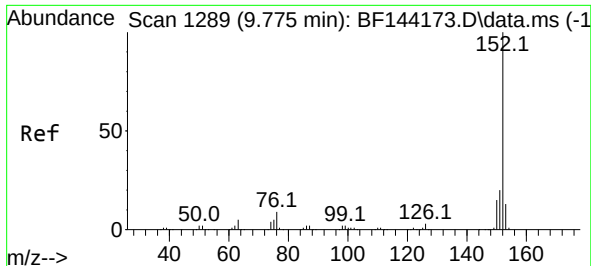
Ion Ratio Lower Upper

65 100

92 67.8 53.0 79.6

138 107.8 81.6 122.4





#49

Acenaphthylene

Concen: 52.298 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

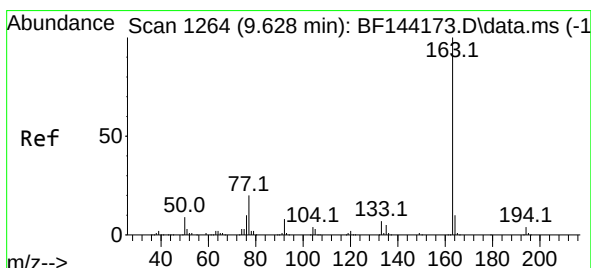
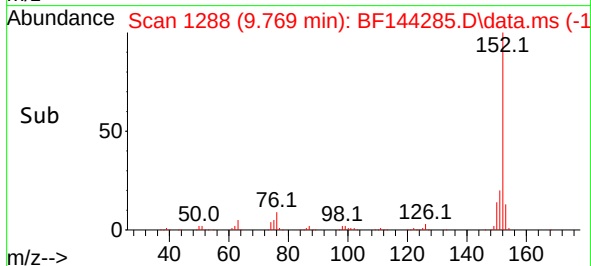
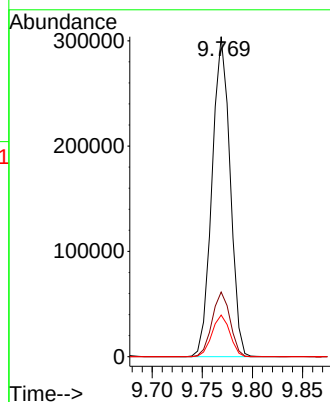
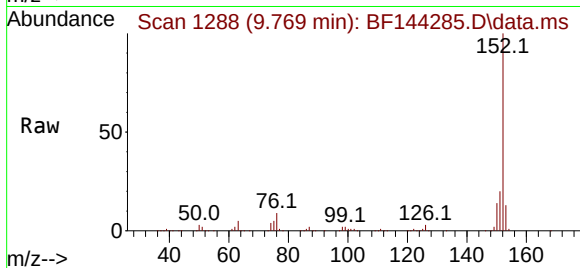
Tgt Ion:152 Resp: 381366

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 48.456 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

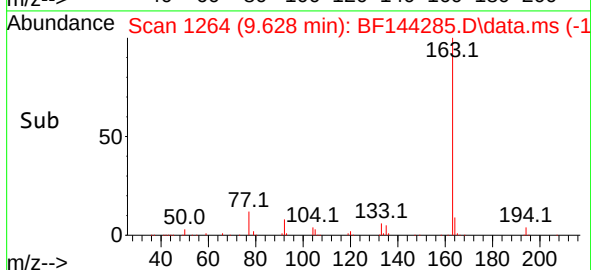
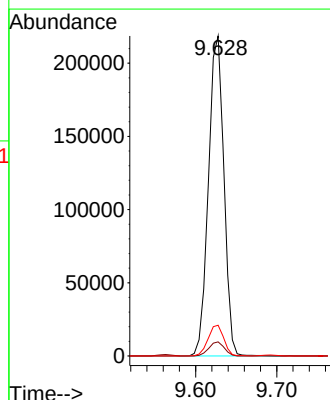
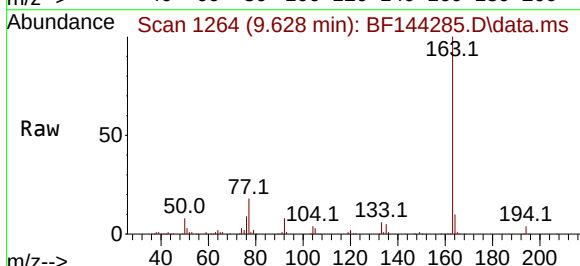
Tgt Ion:163 Resp: 288491

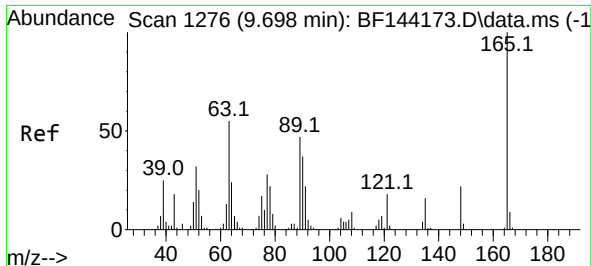
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 9.6 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.119 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

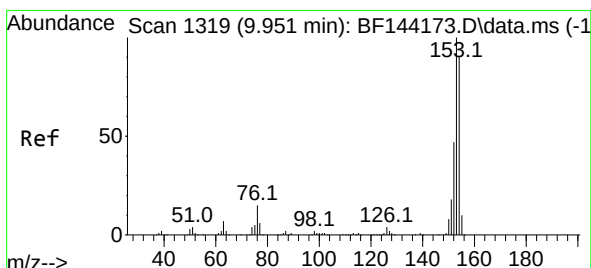
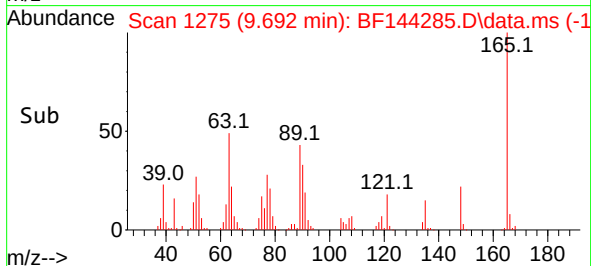
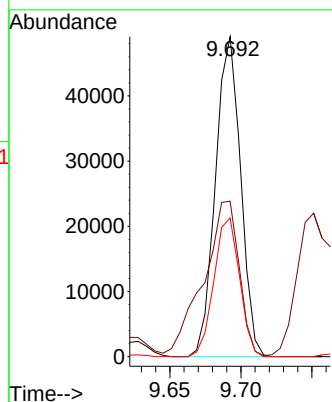
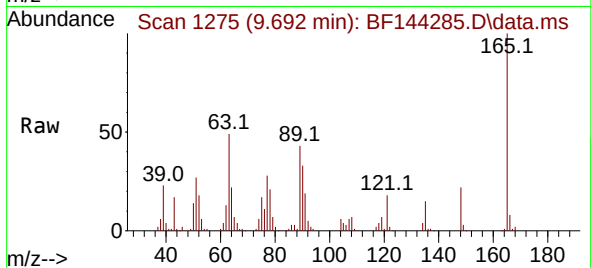
Tgt Ion:165 Resp: 60405

Ion Ratio Lower Upper

165 100

63 48.6 43.8 65.8

89 43.4 37.5 56.3



#52

Acenaphthene

Concen: 42.185 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

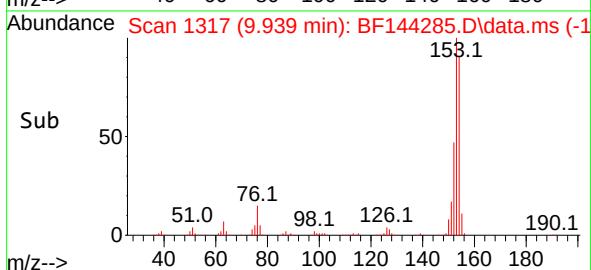
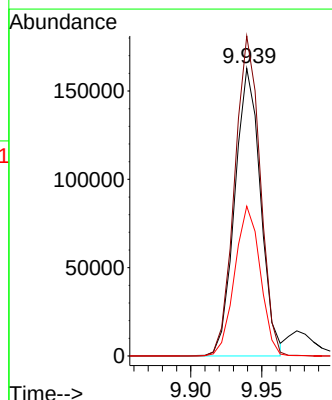
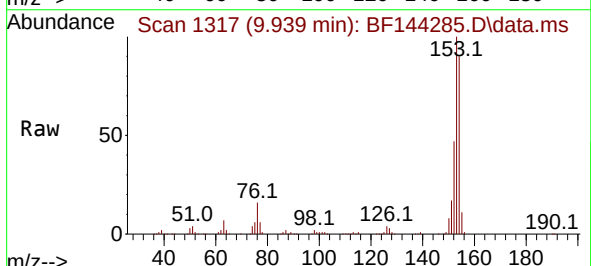
Tgt Ion:154 Resp: 205709

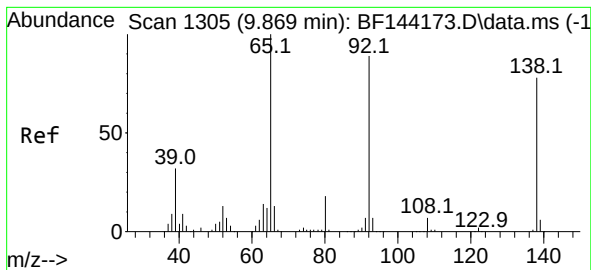
Ion Ratio Lower Upper

154 100

153 111.3 89.0 133.4

152 52.1 42.2 63.4





#53

3-Nitroaniline

Concen: 12.273 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

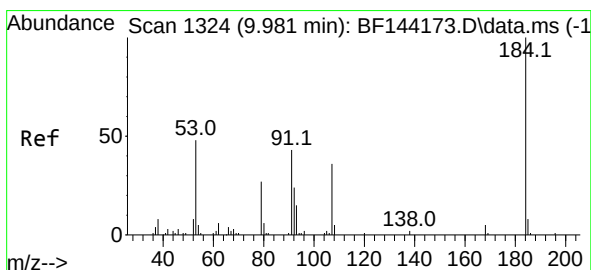
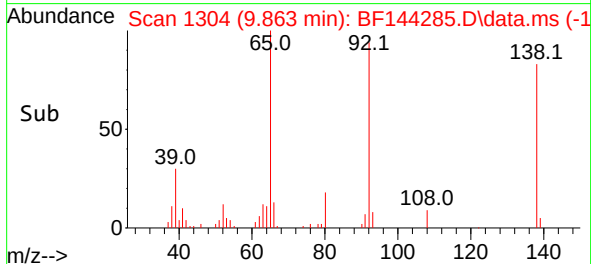
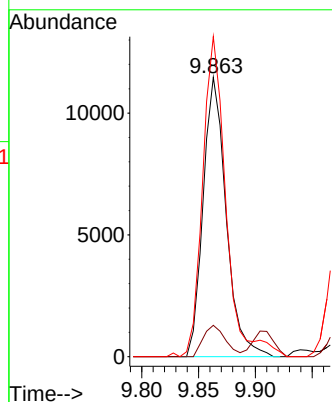
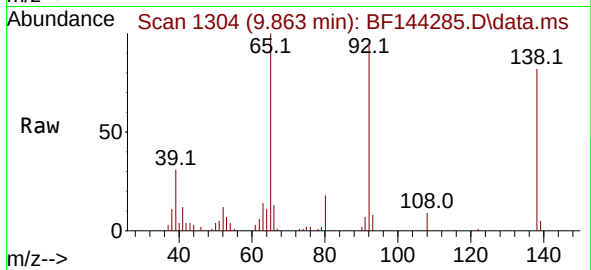
Tgt Ion:138 Resp: 16170

Ion Ratio Lower Upper

138 100

108 11.2 7.5 11.3

92 114.6 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 64.943 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

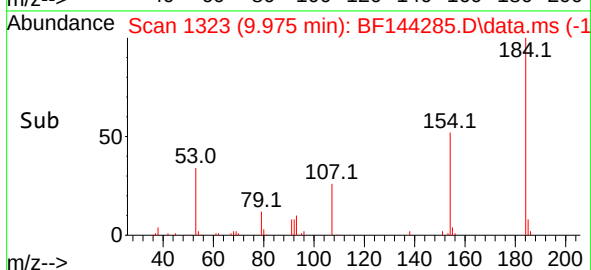
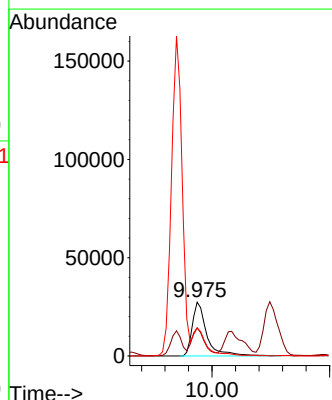
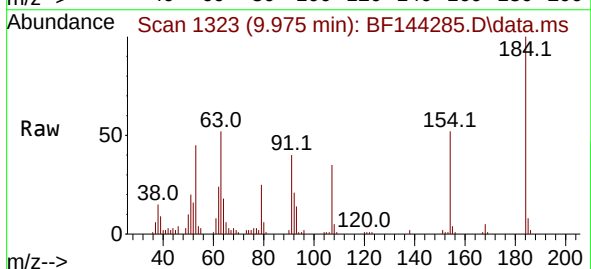
Tgt Ion:184 Resp: 47264

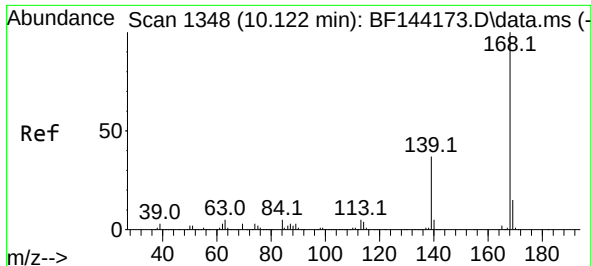
Ion Ratio Lower Upper

184 100

63 52.4 44.0 66.0

154 52.1 42.4 63.6

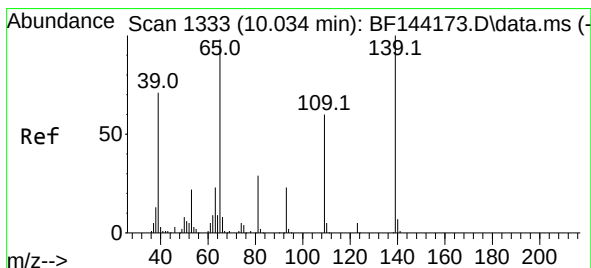
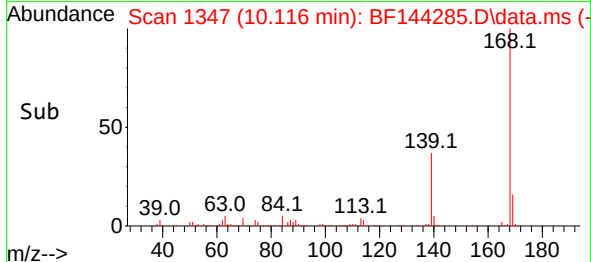
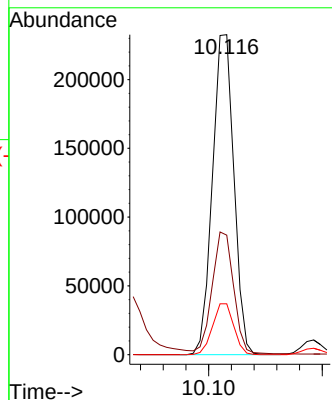
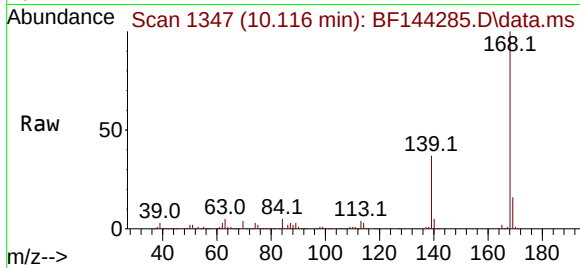




#55
Dibenzenofuran
Concen: 44.752 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

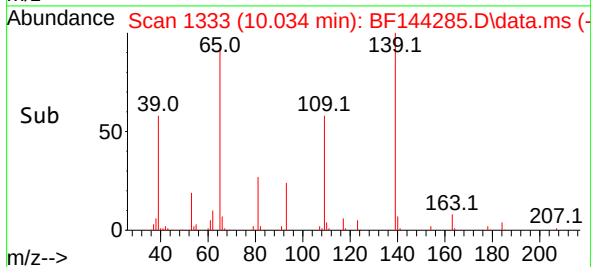
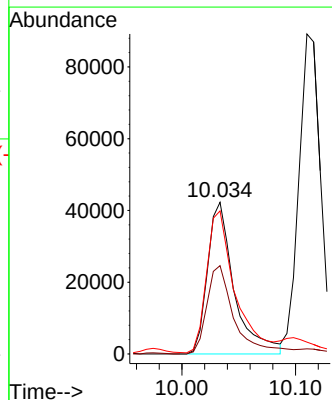
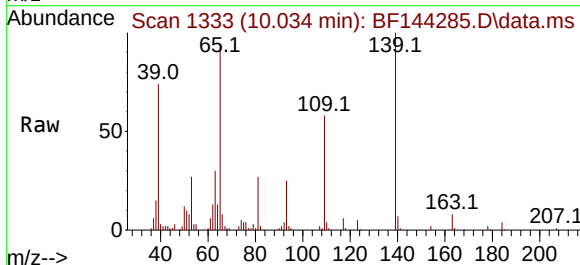
Instrument :
BNA_F
ClientSampleId :
TP-1MS

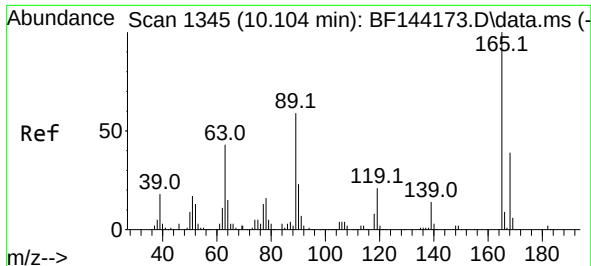
Tgt Ion:168 Resp: 305637
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.2
169 15.9 12.2 18.4



#56
4-Nitrophenol
Concen: 72.503 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:139 Resp: 69097
Ion Ratio Lower Upper
139 100
109 58.2 39.9 79.9
65 94.2 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 47.770 ng

RT: 10.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:165 Resp: 77074

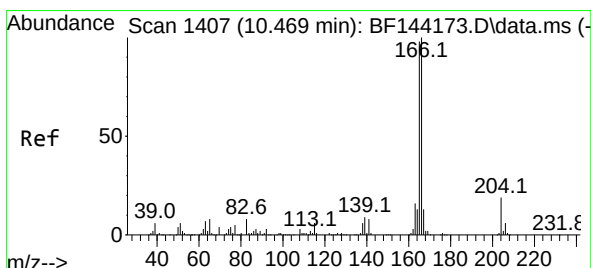
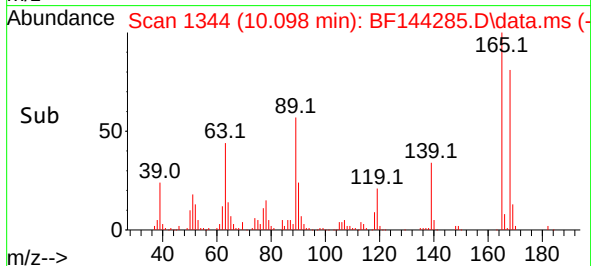
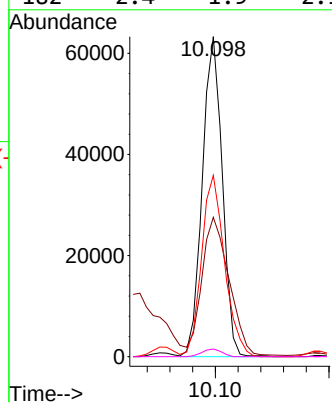
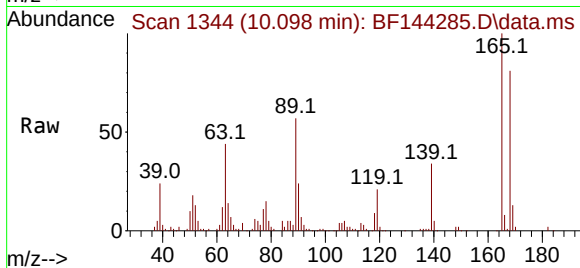
Ion Ratio Lower Upper

165 100

63 43.6 35.5 53.3

89 56.7 47.4 71.2

182 2.4 1.9 2.9



#58

Fluorene

Concen: 46.034 ng

RT: 10.457 min Scan# 1405

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

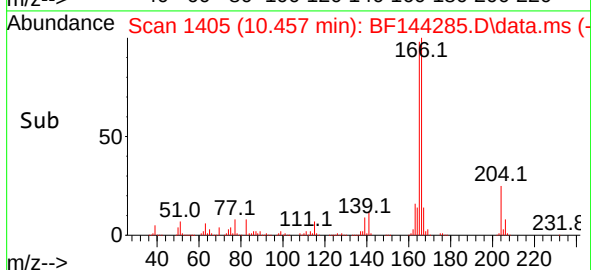
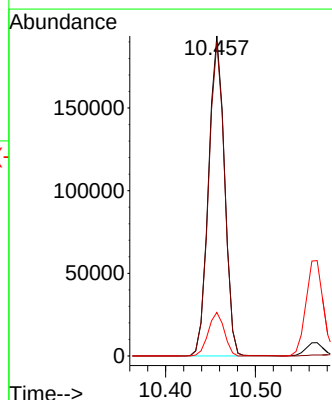
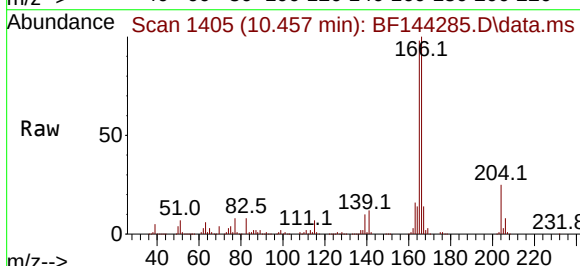
Tgt Ion:166 Resp: 239033

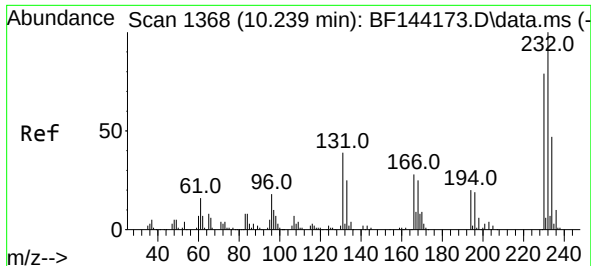
Ion Ratio Lower Upper

166 100

165 98.0 78.6 118.0

167 13.6 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.681 ng

RT: 10.233 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:232 Resp: 69828

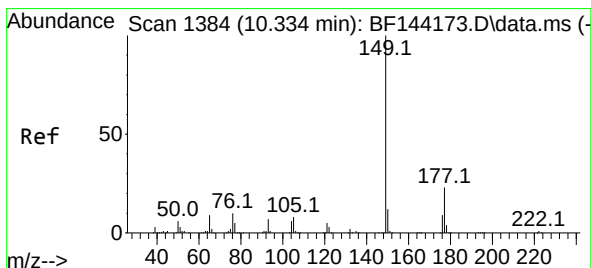
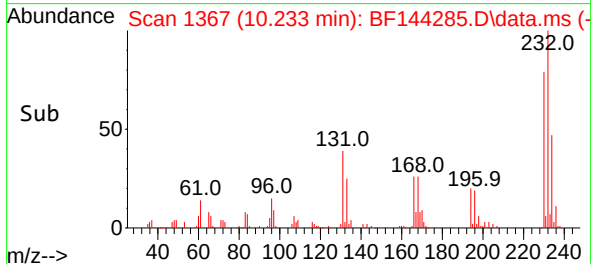
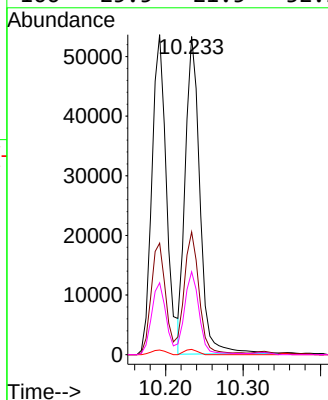
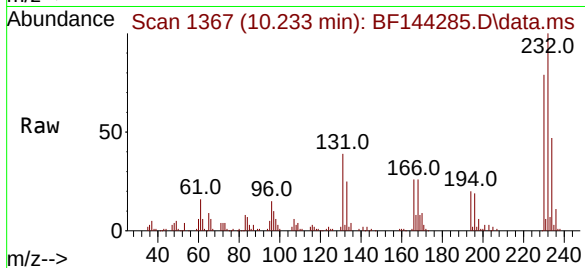
Ion Ratio Lower Upper

232 100

131 40.4 30.3 45.5

130 1.5 1.2 1.8

166 25.5 21.5 32.3



#60

Diethylphthalate

Concen: 45.789 ng

RT: 10.328 min Scan# 1383

Delta R.T. -0.000 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

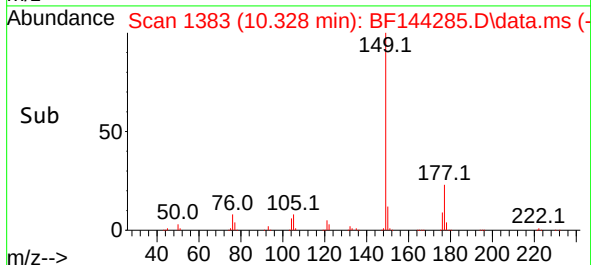
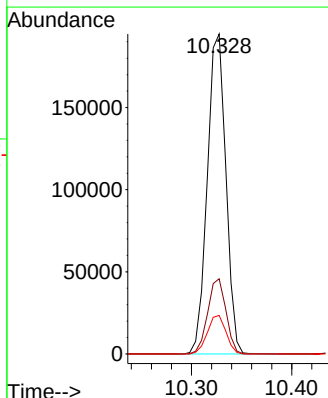
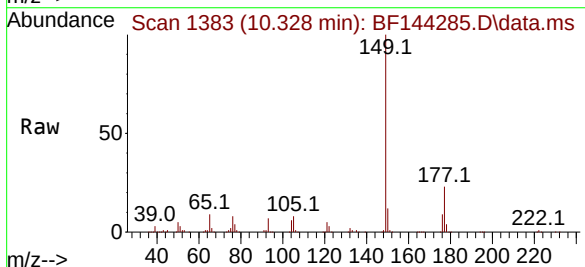
Tgt Ion:149 Resp: 251311

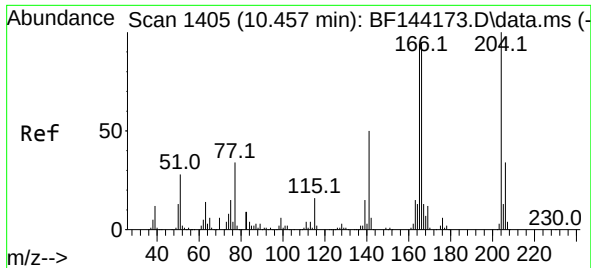
Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

150 12.0 9.8 14.6

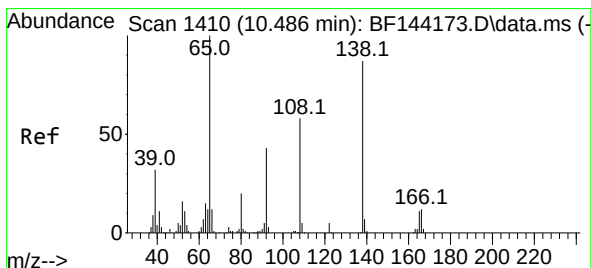
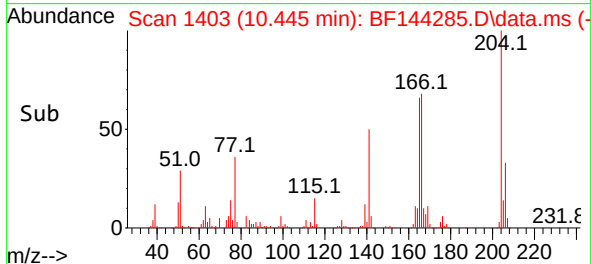
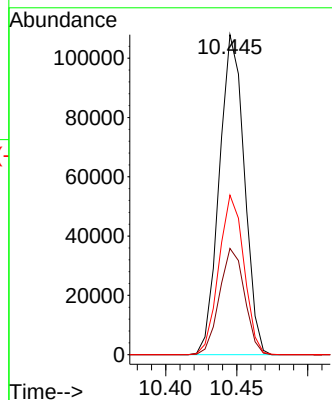
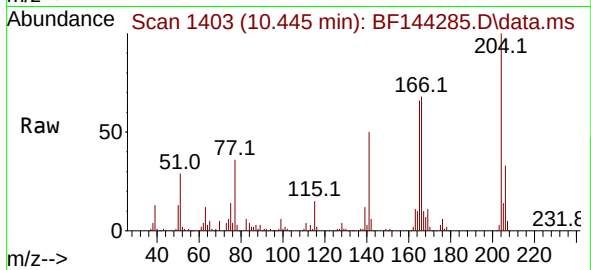




#61
4-Chlorophenyl-phenylether
Concen: 44.729 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

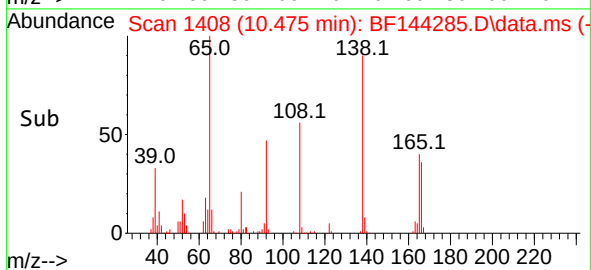
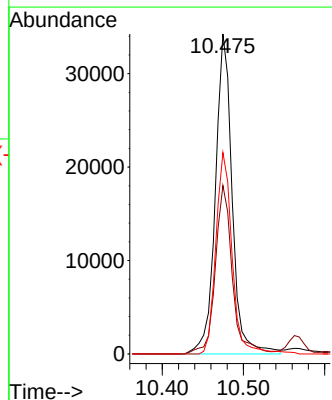
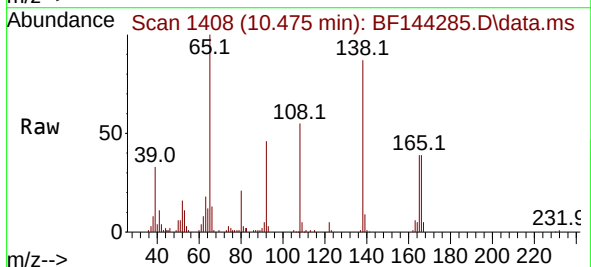
Instrument :
BNA_F
ClientSampleId :
TP-1MS

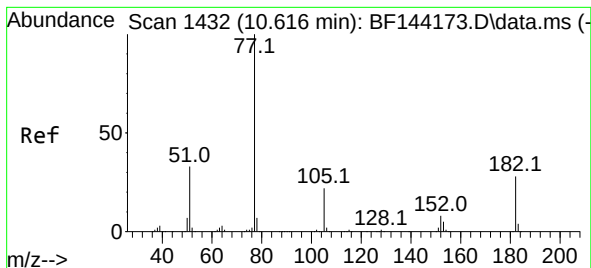
Tgt Ion:204 Resp: 132300
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.2
141 49.8 40.0 60.0



#62
4-Nitroaniline
Concen: 39.351 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:138 Resp: 49373
Ion Ratio Lower Upper
138 100
92 52.6 29.4 69.4
108 63.0 46.4 86.4





#63

Azobenzene

Concen: 46.358 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 236794

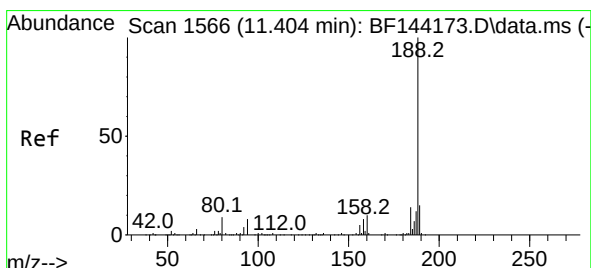
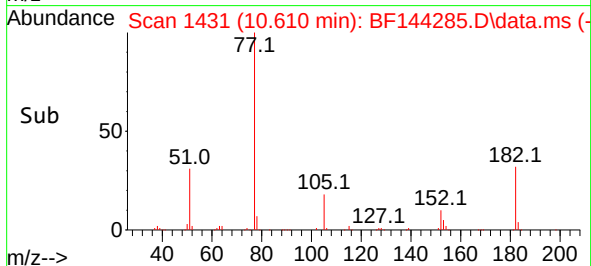
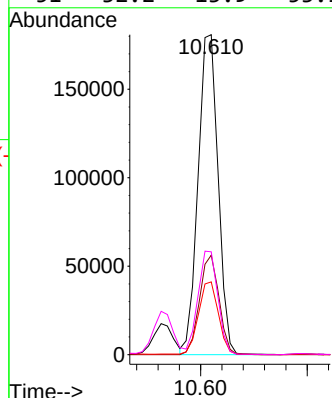
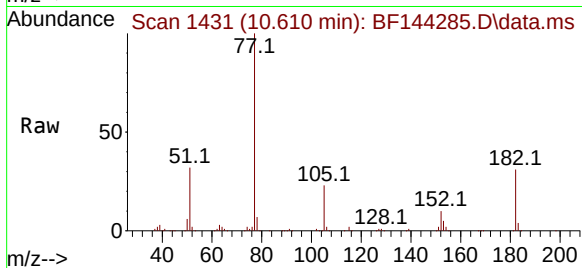
Ion Ratio Lower Upper

77 100

182 31.1 8.1 48.1

105 22.7 2.0 42.0

51 32.2 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

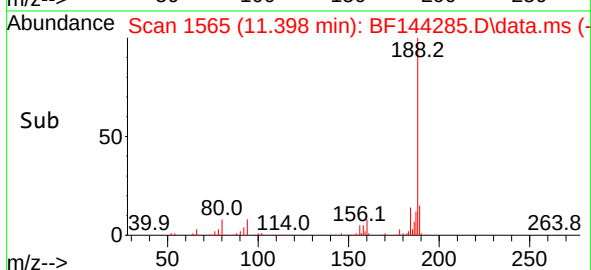
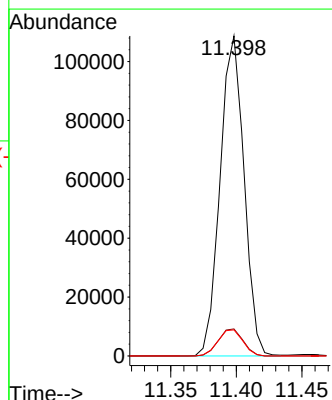
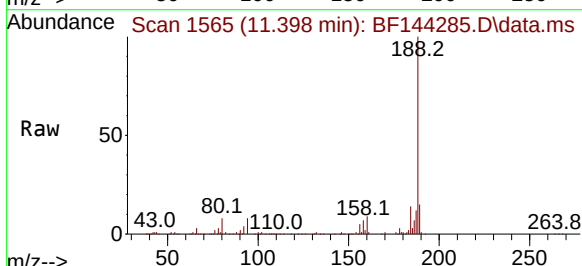
Tgt Ion: 188 Resp: 137985

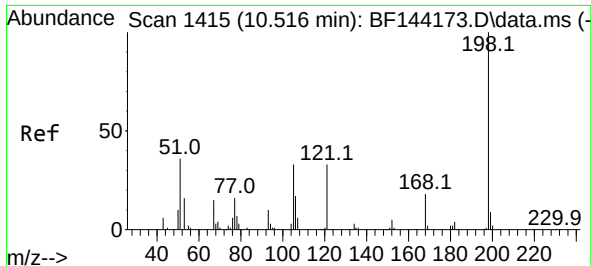
Ion Ratio Lower Upper

188 100

94 8.4 6.2 9.2

80 8.2 6.9 10.3

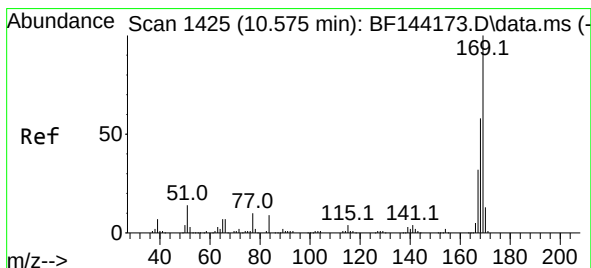
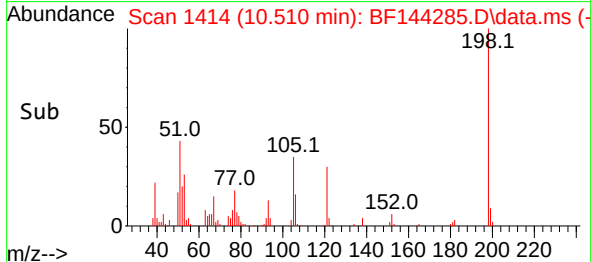
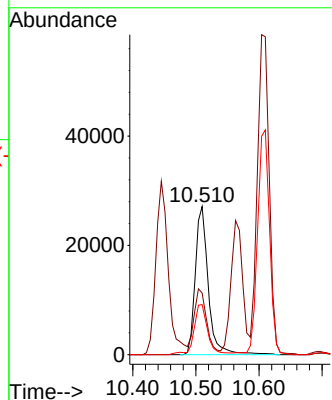
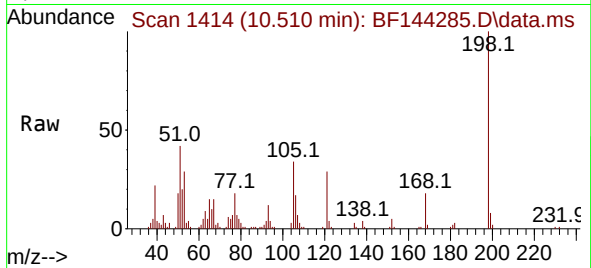




#65
4,6-Dinitro-2-methylphenol
Concen: 41.303 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

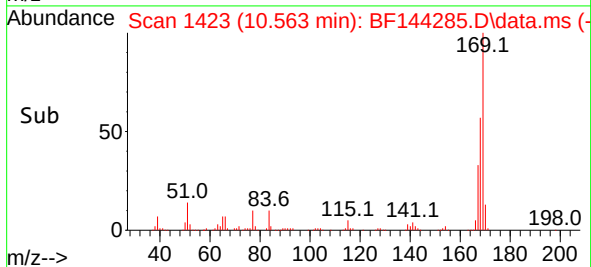
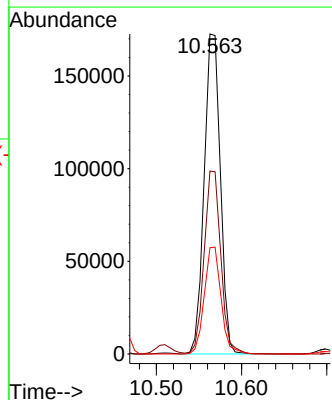
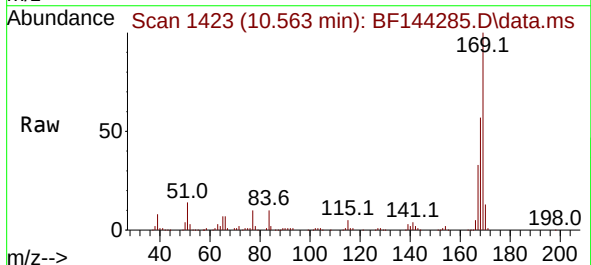
Instrument :
BNA_F
ClientSampleId :
TP-1MS

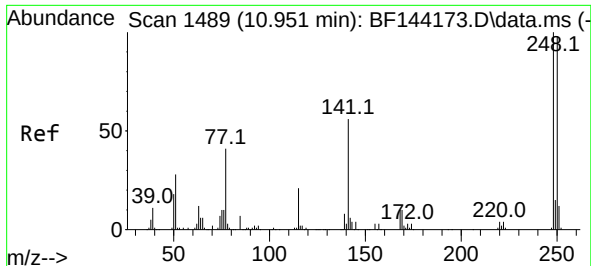
Tgt Ion:198 Resp: 38717
Ion Ratio Lower Upper
198 100
51 41.7 25.6 65.6
105 33.8 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 51.423 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:169 Resp: 228215
Ion Ratio Lower Upper
169 100
168 57.2 46.2 69.2
167 33.2 25.7 38.5

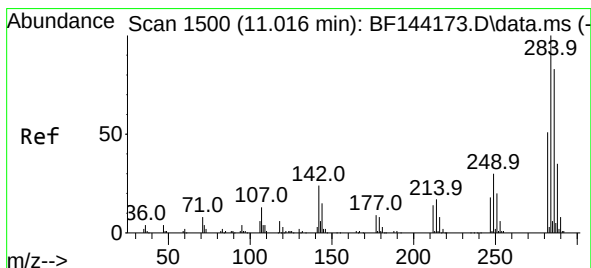
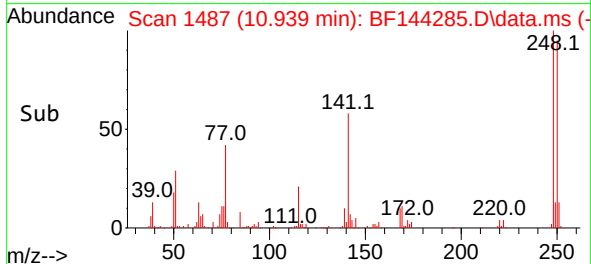
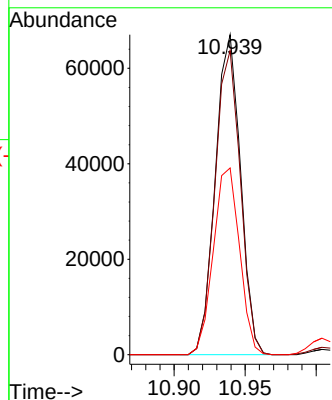
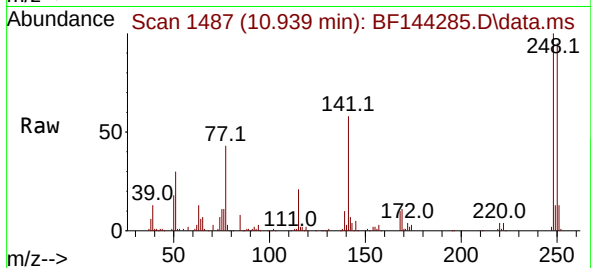




#67
4-Bromophenyl-phenylether
Concen: 47.017 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

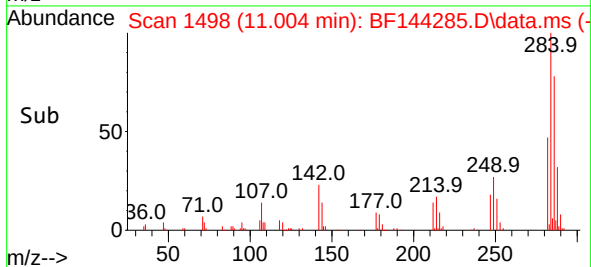
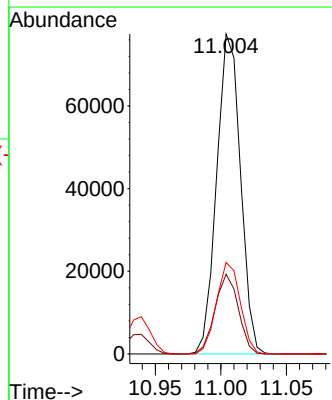
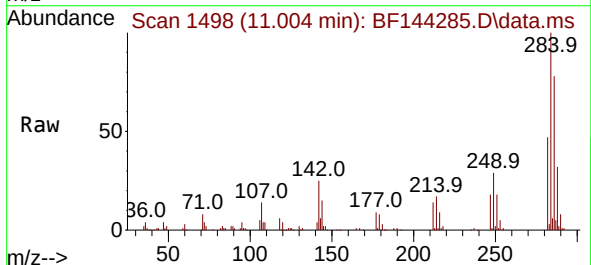
Instrument :
BNA_F
ClientSampleId :
TP-1MS

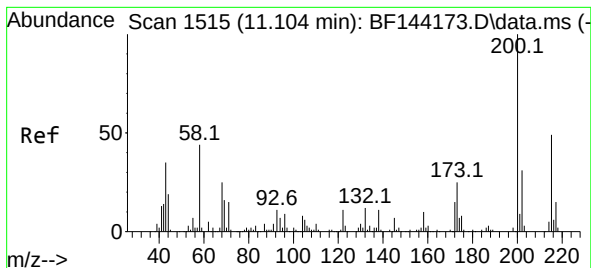
Tgt Ion:248 Resp: 82808
Ion Ratio Lower Upper
248 100
250 95.1 78.4 117.6
141 58.4 45.1 67.7



#68
Hexachlorobenzene
Concen: 47.031 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:284 Resp: 97566
Ion Ratio Lower Upper
284 100
142 24.9 19.2 28.8
249 28.6 23.8 35.8





#69

Atrazine

Concen: 48.466 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

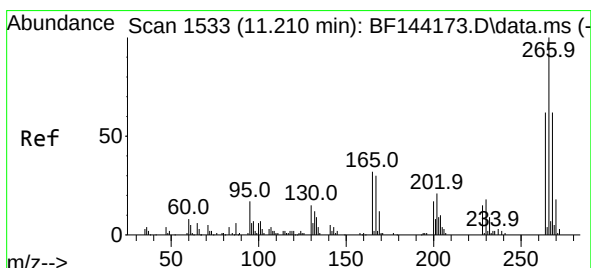
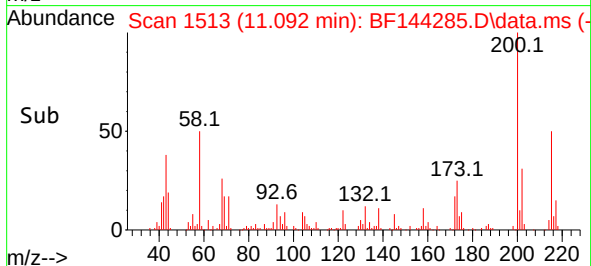
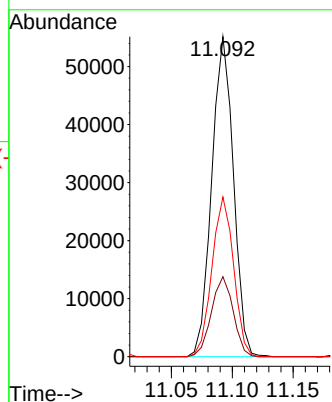
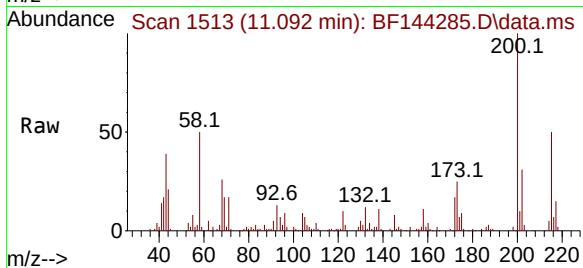
Tgt Ion:200 Resp: 68404

Ion Ratio Lower Upper

200 100

173 25.0 5.0 45.0

215 49.9 28.7 68.7



#70

Pentachlorophenol

Concen: 98.914 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

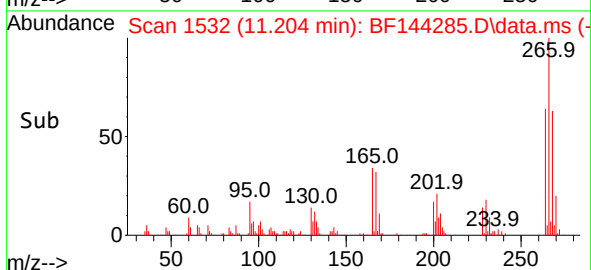
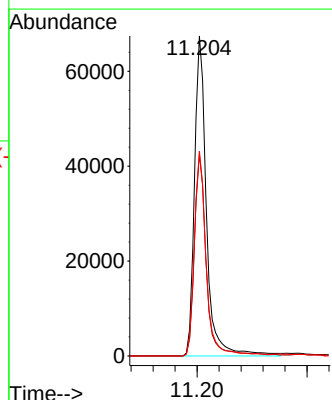
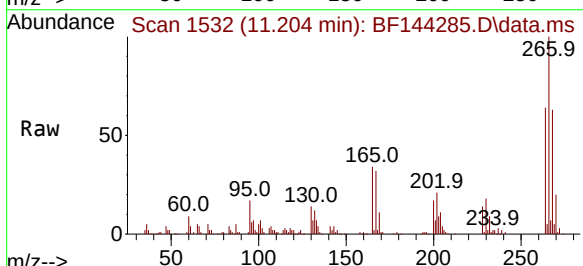
Tgt Ion:266 Resp: 102181

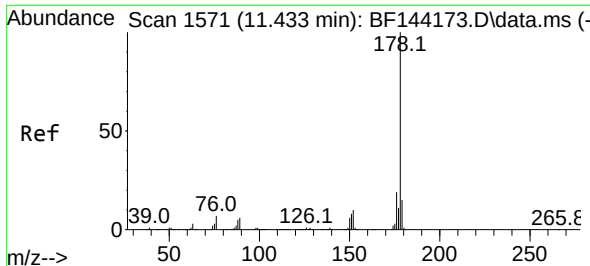
Ion Ratio Lower Upper

266 100

268 63.1 49.5 74.3

264 64.1 49.4 74.2

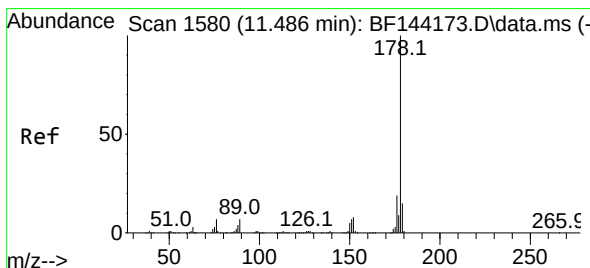
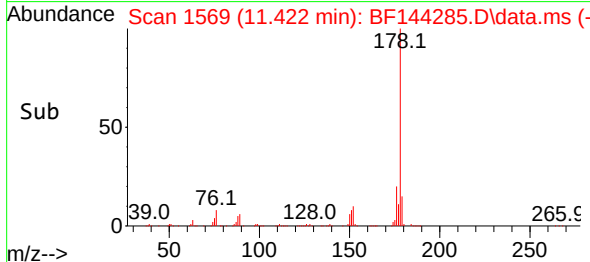
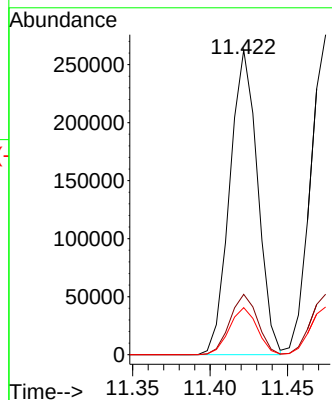
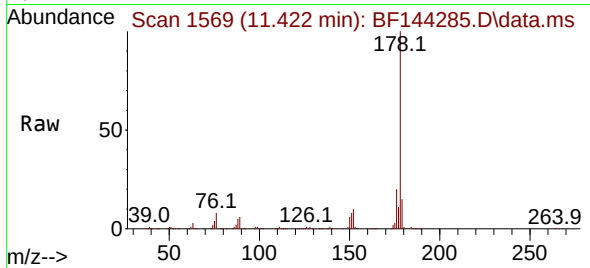




#71
Phenanthrene
Concen: 47.729 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

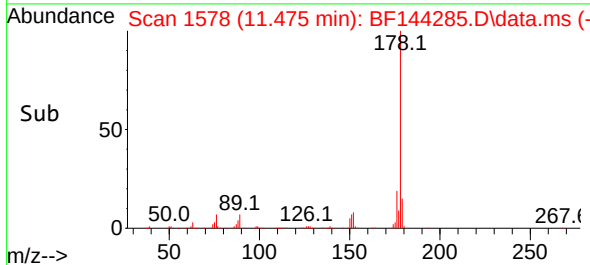
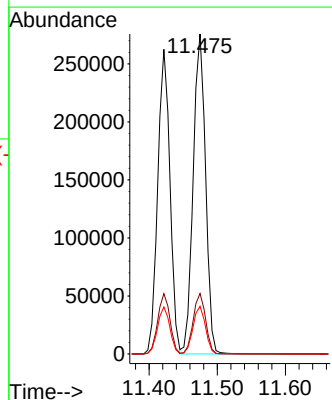
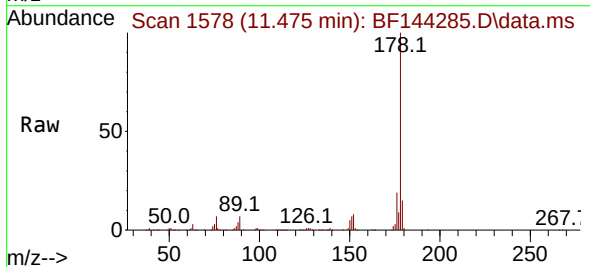
Instrument :
BNA_F
ClientSampleId :
TP-1MS

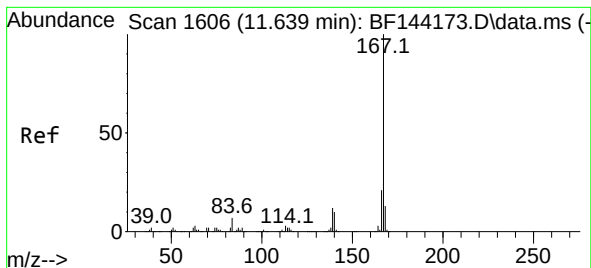
Tgt Ion:178 Resp: 327901
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.4 12.2 18.4



#72
Anthracene
Concen: 49.534 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:178 Resp: 346028
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 14.9 12.0 18.0





#73

Carbazole

Concen: 51.907 ng

RT: 11.628 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

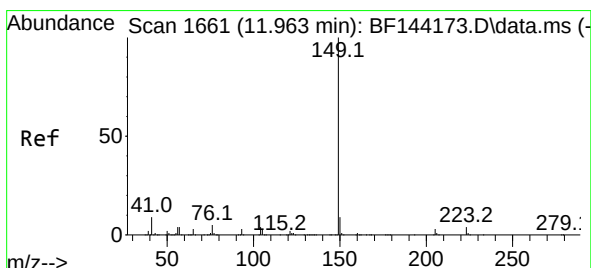
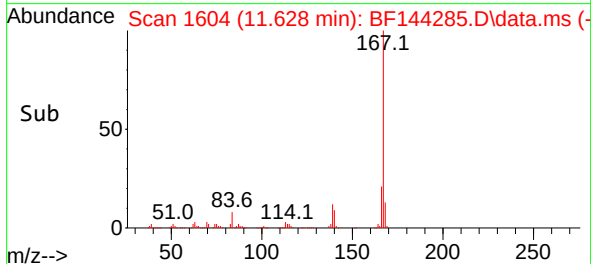
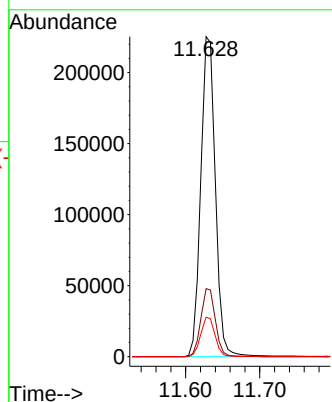
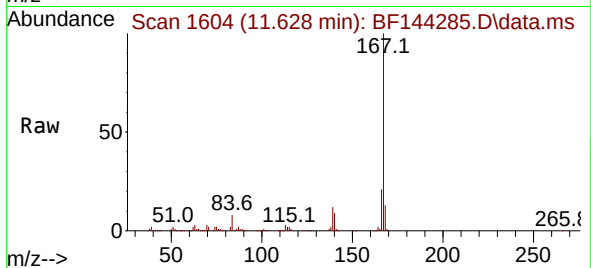
Tgt Ion:167 Resp: 308339

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.4 9.9 14.9



#74

Di-n-butylphthalate

Concen: 50.015 ng

RT: 11.957 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

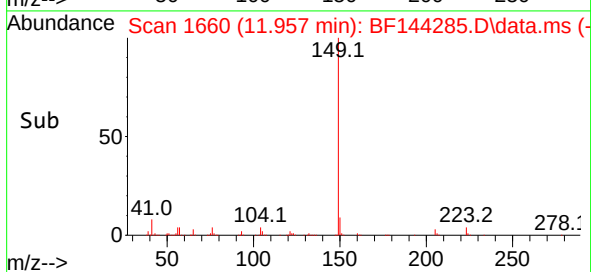
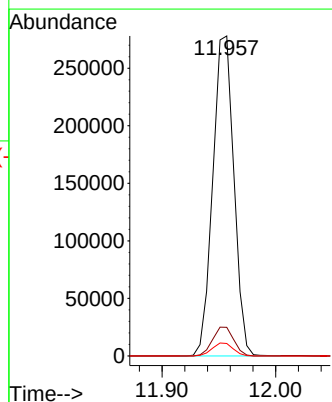
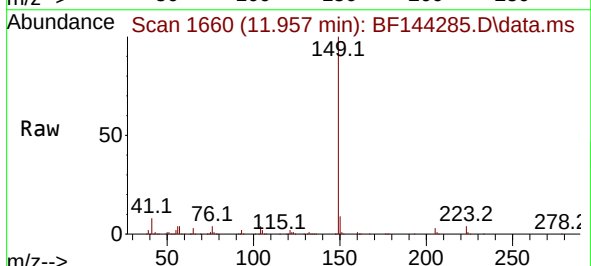
Tgt Ion:149 Resp: 359160

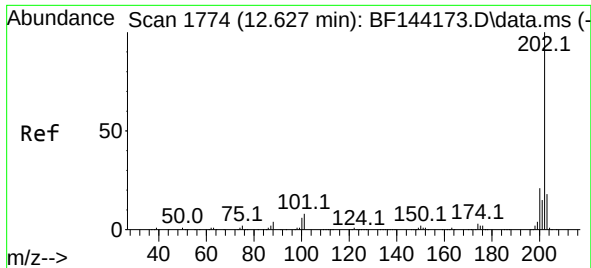
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 3.9 3.4 5.2

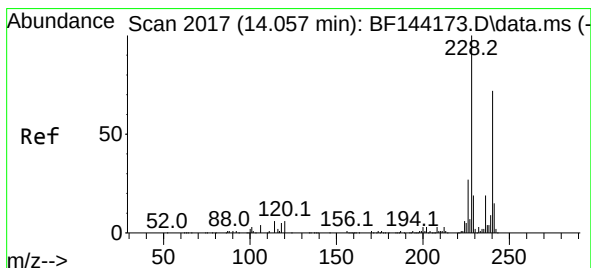
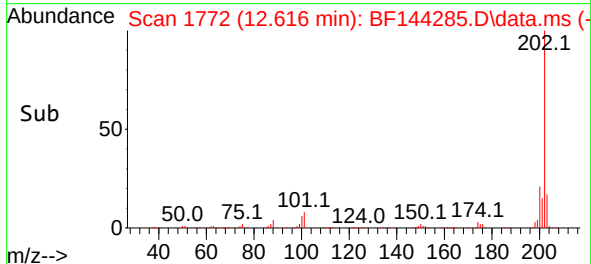
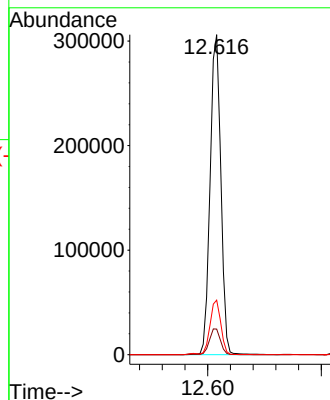
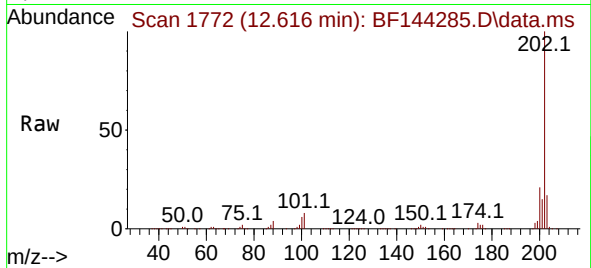




#75
Fluoranthene
Concen: 56.133 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

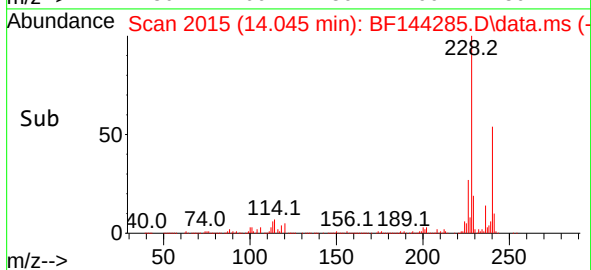
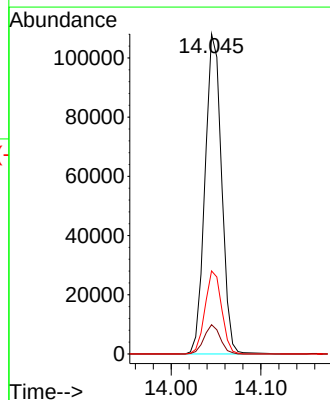
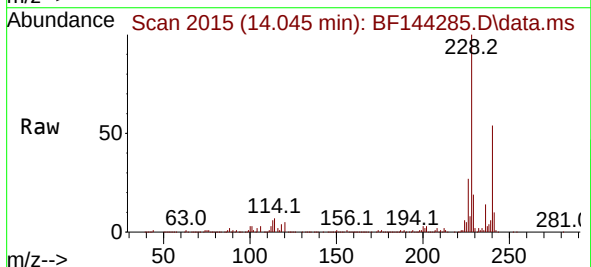
Instrument :
BNA_F
ClientSampleId :
TP-1MS

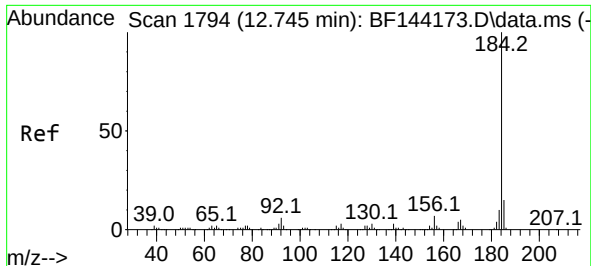
Tgt Ion:202 Resp: 398362
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.9
203 17.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:240 Resp: 138277
Ion Ratio Lower Upper
240 100
120 9.2 6.6 10.0
236 26.0 21.4 32.2

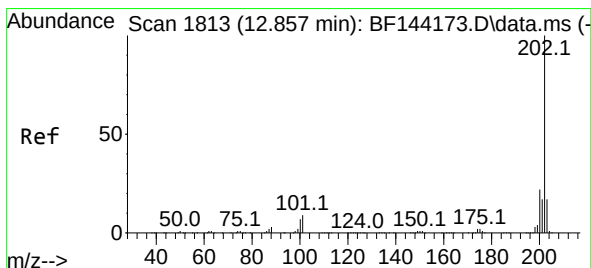
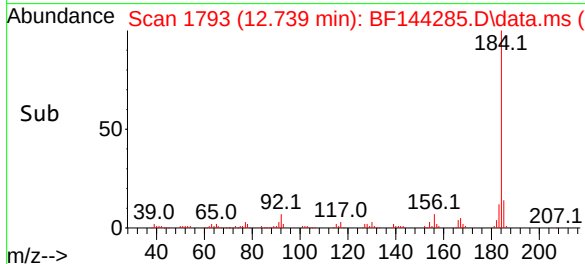
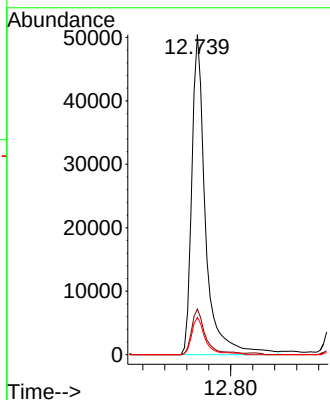
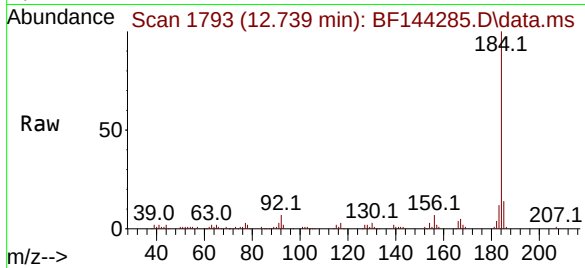




#77
Benzidine
Concen: 21.449 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

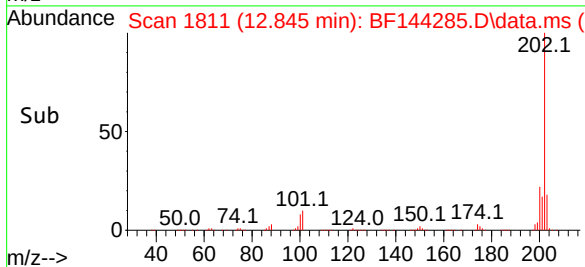
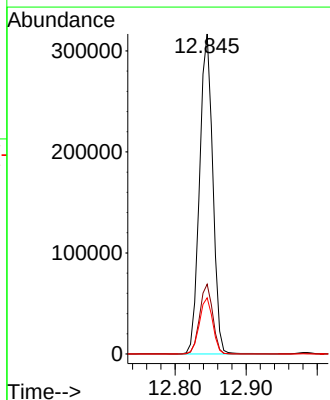
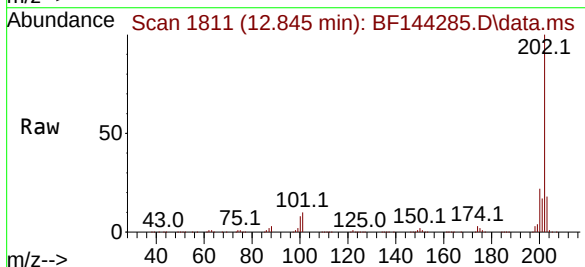
Instrument :
BNA_F
ClientSampleId :
TP-1MS

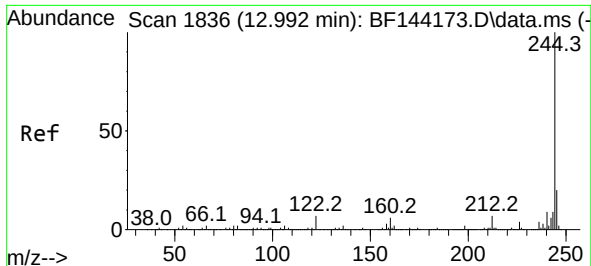
Tgt Ion:184 Resp: 87729
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.7 8.3 12.5



#78
Pyrene
Concen: 36.839 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:202 Resp: 410718
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.5 13.7 20.5

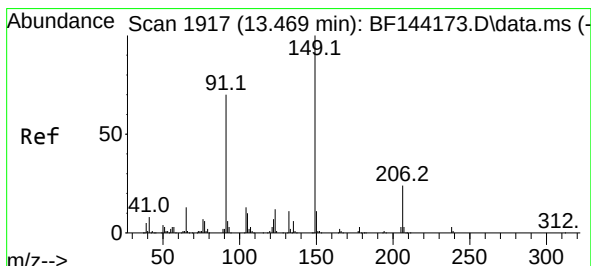
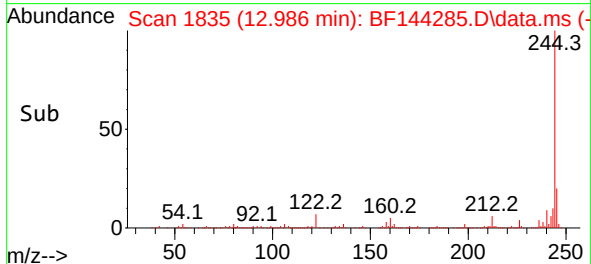
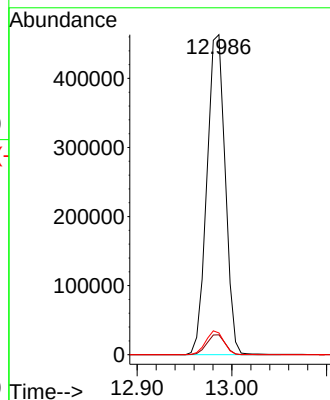
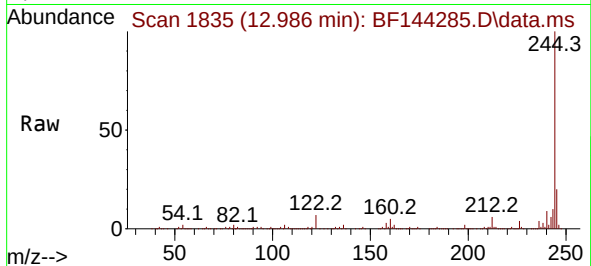




#79
 Terphenyl-d14
 Concen: 71.188 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144285.D
 Acq: 19 Nov 2025 18:48

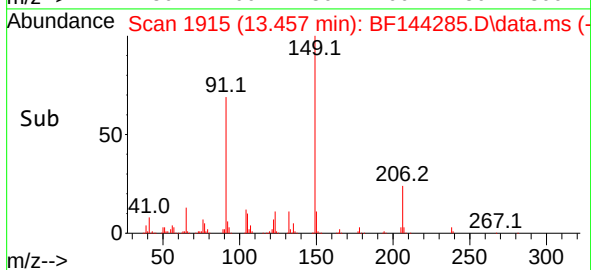
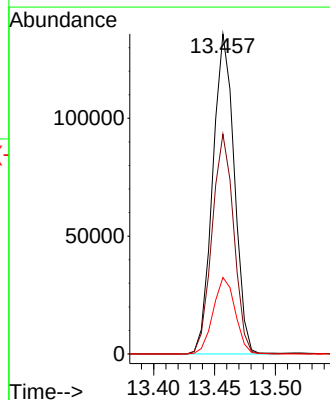
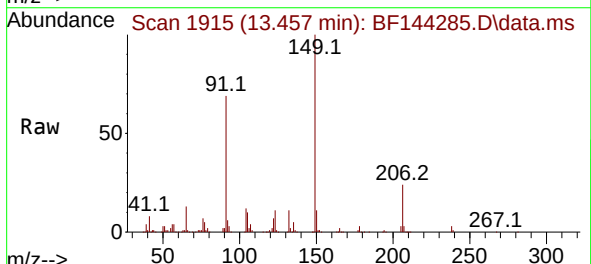
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

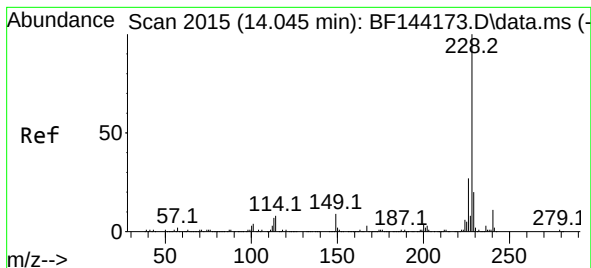
Tgt Ion:244 Resp: 619720
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 6.8 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 43.422 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144285.D
 Acq: 19 Nov 2025 18:48

Tgt Ion:149 Resp: 167789
 Ion Ratio Lower Upper
 149 100
 91 68.7 56.1 84.1
 206 23.9 18.8 28.2





#81

Benzo(a)anthracene

Concen: 50.562 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

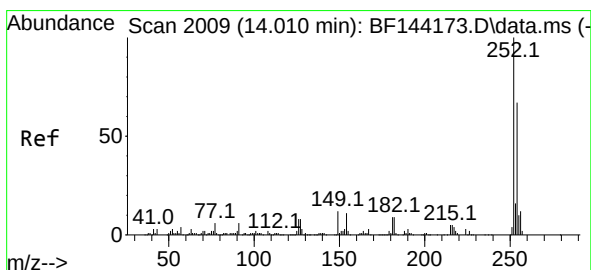
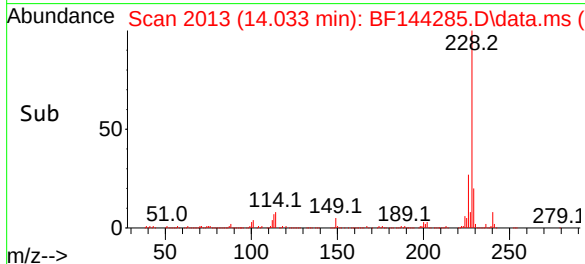
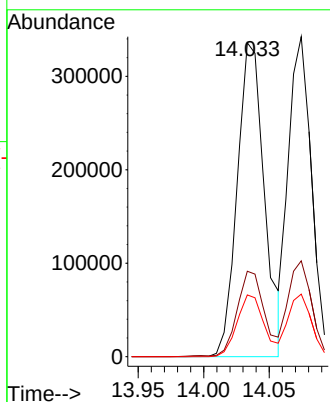
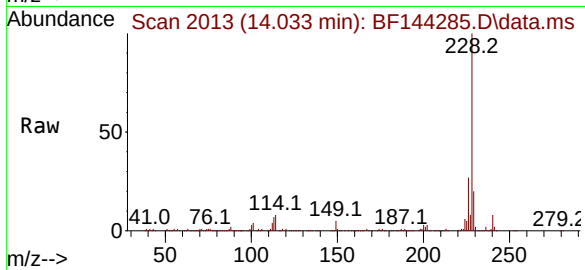
Tgt Ion:228 Resp: 484570

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.027 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

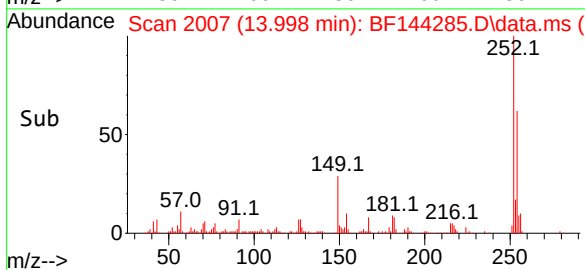
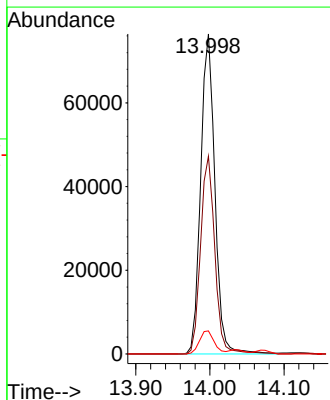
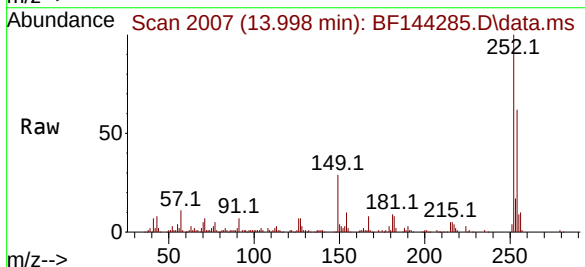
Tgt Ion:252 Resp: 101926

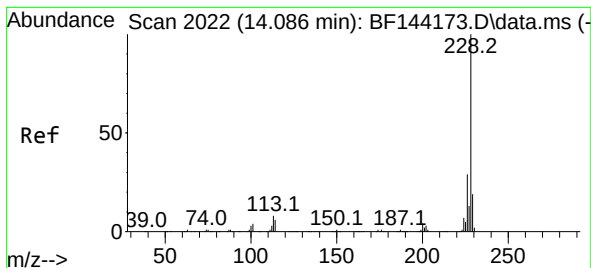
Ion Ratio Lower Upper

252 100

254 61.8 53.5 80.3

126 7.2 6.4 9.6





#83

Chrysene

Concen: 47.416 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

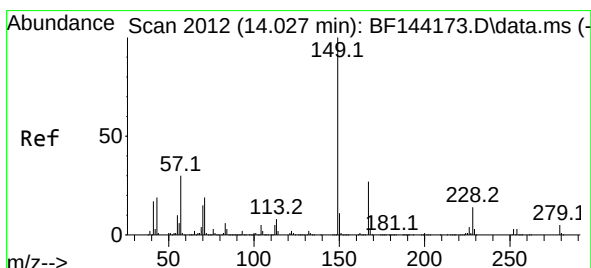
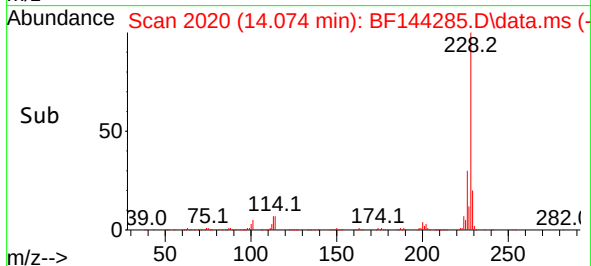
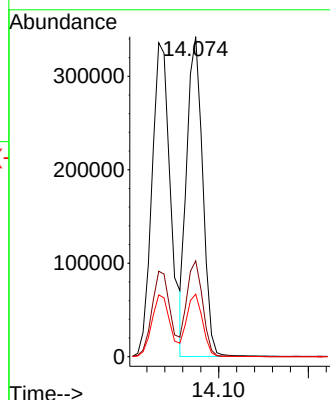
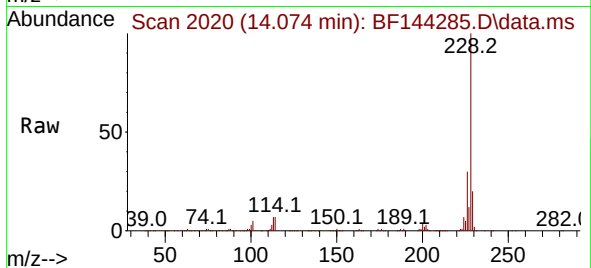
Tgt Ion:228 Resp: 419483

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.384 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

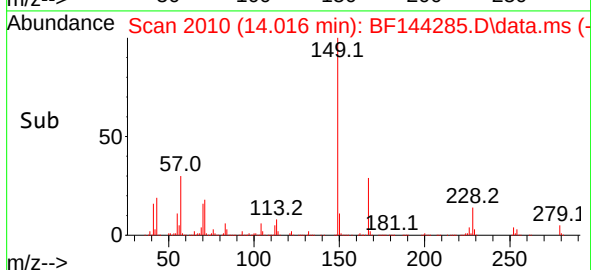
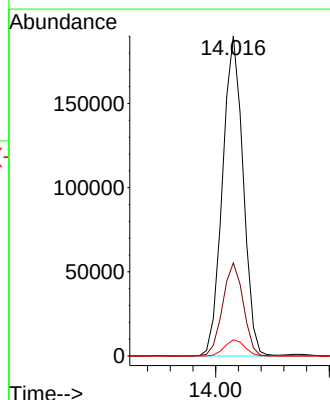
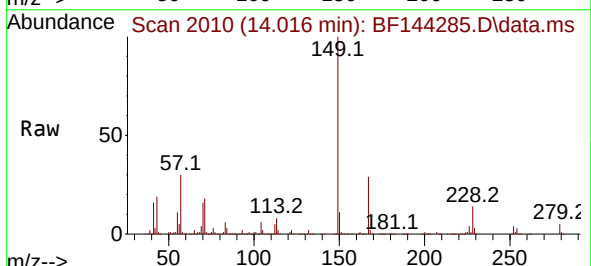
Tgt Ion:149 Resp: 240073

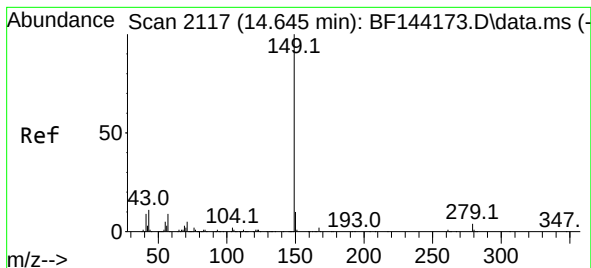
Ion Ratio Lower Upper

149 100

167 29.1 21.8 32.8

279 5.1 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 49.549 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

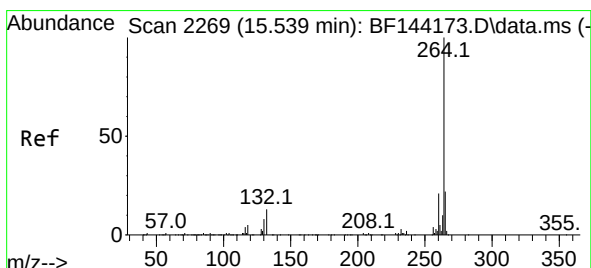
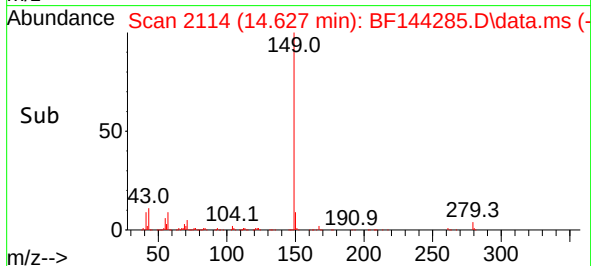
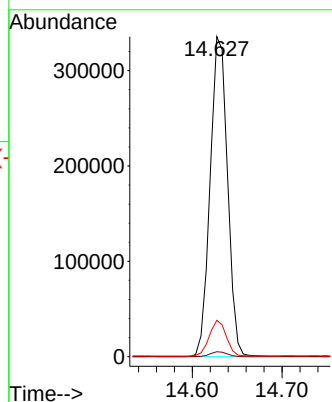
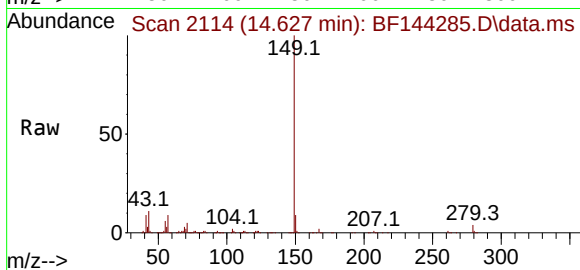
Tgt Ion:149 Resp: 452219

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

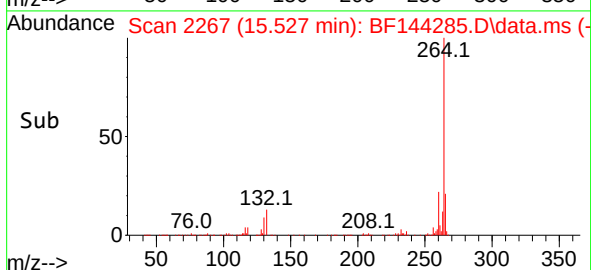
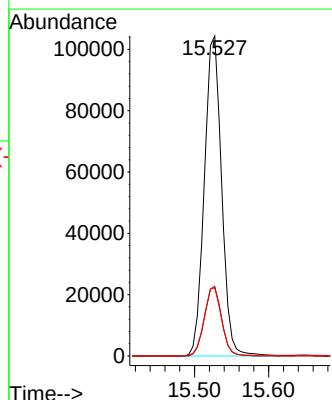
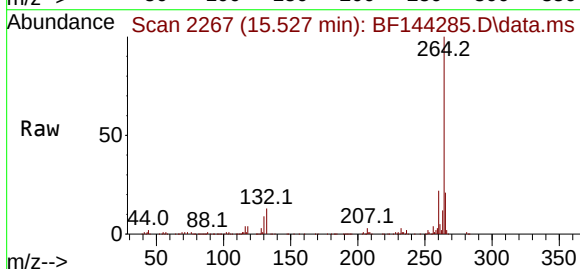
Tgt Ion:264 Resp: 168866

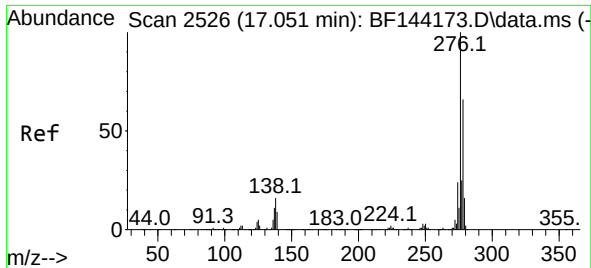
Ion Ratio Lower Upper

264 100

260 21.8 17.1 25.7

265 21.3 17.4 26.0

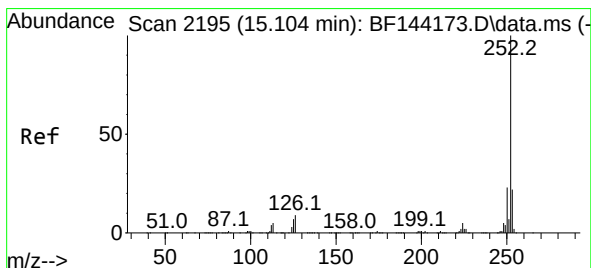
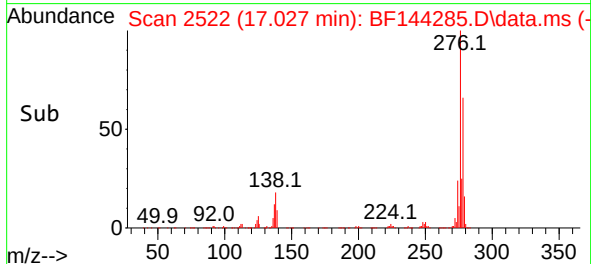
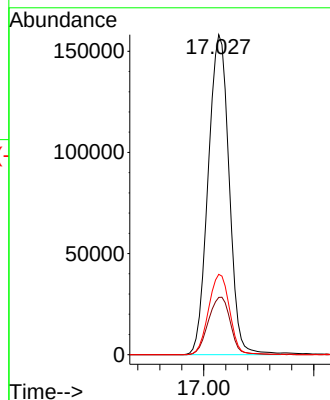
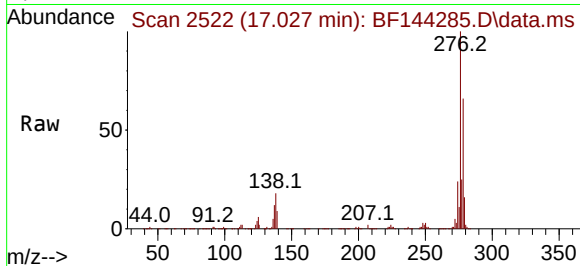




#87
Indeno(1,2,3-cd)pyrene
Concen: 34.479 ng
RT: 17.027 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

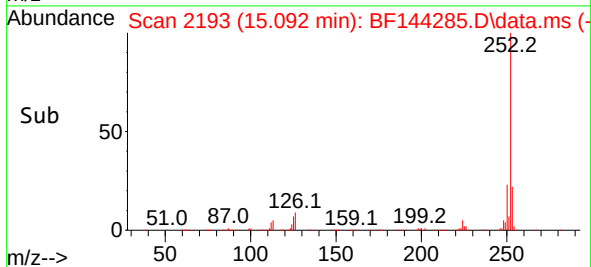
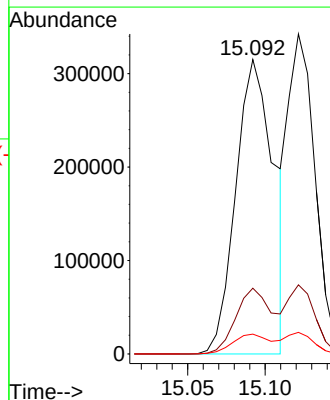
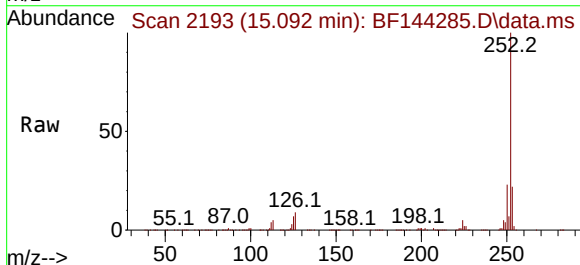
Instrument :
BNA_F
ClientSampleId :
TP-1MS

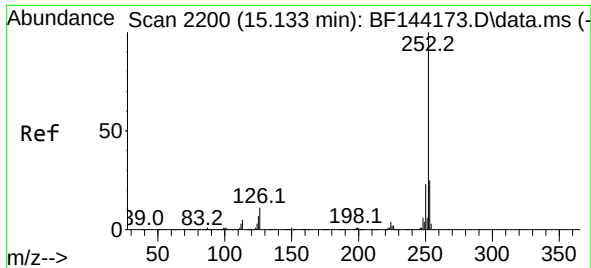
Tgt Ion:276 Resp: 417945
Ion Ratio Lower Upper
276 100
138 19.0 13.9 20.9
277 25.3 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 55.895 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144285.D
Acq: 19 Nov 2025 18:48

Tgt Ion:252 Resp: 536614
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 6.7 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.701 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

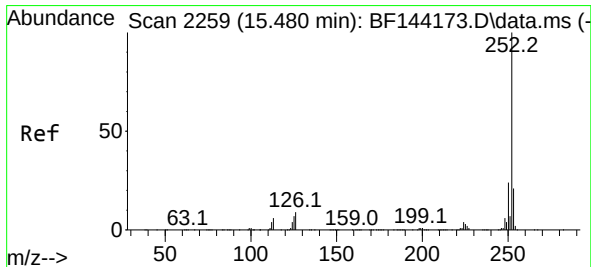
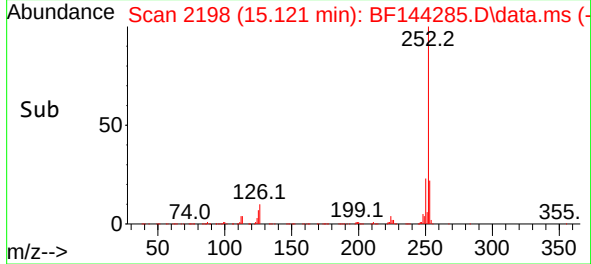
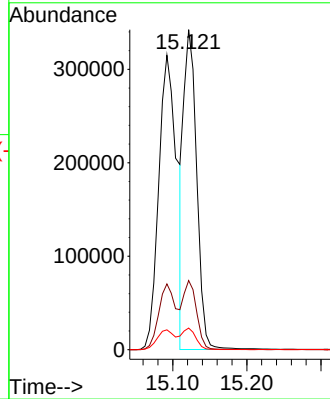
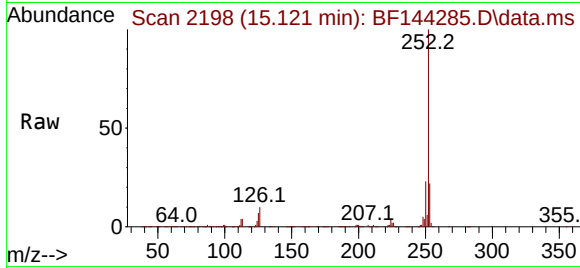
Tgt Ion:252 Resp: 419650

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 51.286 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144285.D

Acq: 19 Nov 2025 18:48

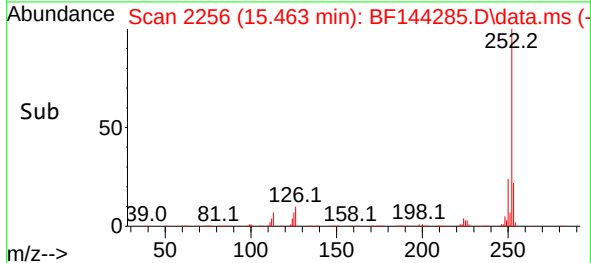
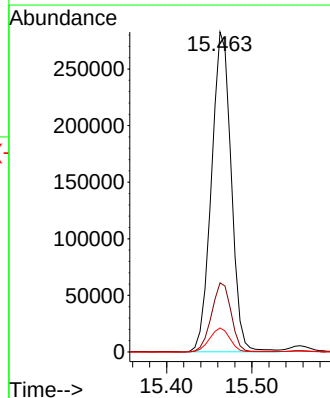
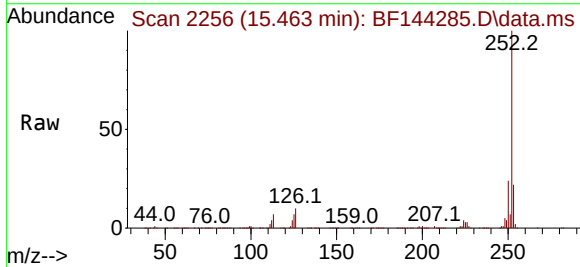
Tgt Ion:252 Resp: 454224

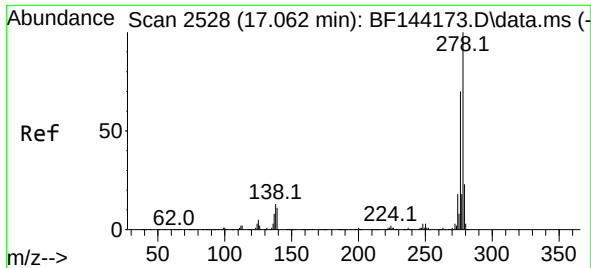
Ion Ratio Lower Upper

252 100

253 21.6 16.7 25.1

125 7.5 5.7 8.5

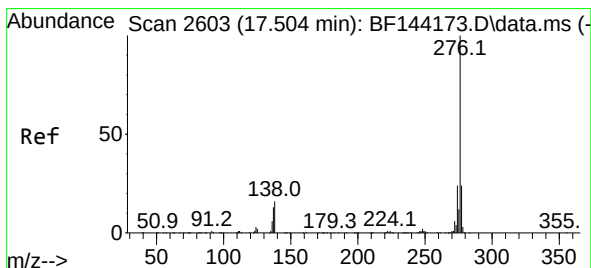
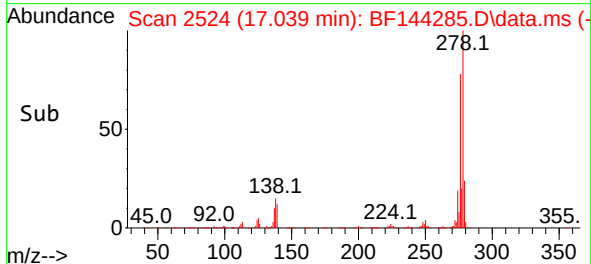
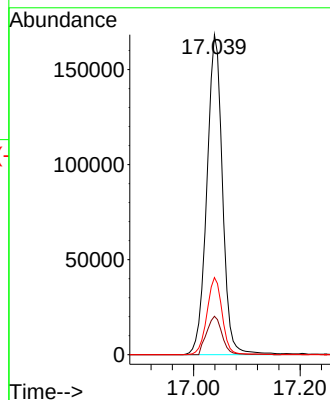
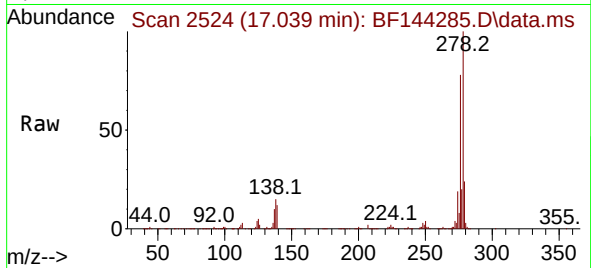




#91
 Dibenzo(a,h)anthracene
 Concen: 35.161 ng
 RT: 17.039 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF144285.D
 Acq: 19 Nov 2025 18:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion:278 Resp: 342295
 Ion Ratio Lower Upper
 278 100
 139 12.0 9.1 13.7
 279 24.1 18.2 27.4



#92
 Benzo(g,h,i)perylene
 Concen: 31.984 ng
 RT: 17.480 min Scan# 2599
 Delta R.T. -0.012 min
 Lab File: BF144285.D
 Acq: 19 Nov 2025 18:48

Tgt Ion:276 Resp: 307479
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.0 28.4
 138 16.1 12.9 19.3

